LINCOLN
CONSOLIDATED SCHOOLS

Regular Meeting

February 25, 2019

Electronic Packet

LINCOLN CONSOLIDATED SCHOOLS
Ypsilanti, Michigan

BOARD OF EDUCATION MEETING

February 25, 2019
6:00 p.m.
Lincoln High School-West End Media Center

AGENDA

1.0 CALL TO ORDER

2.0 ROLL CALL

3.0 ESTABLISHMENT OF QUORUM

4.0 PLEDGE TO FLAG

5.0 ACCEPTANCE OF AGENDA

6.0 PRESENTATIONS

6.1 Employee of the Month

6.2 Student Services

7.0 SUPERINTENDENT AND STAFF REPORTS/CORRESPONDENCE

7.1 Superintendent's Report

7.2 Finance Report
- 7.2.1 January 2019 Food Service Report
- 7.2.2 January 2019 Student Enrollment Report

7.3 Student Services Report

8.0 PUBLIC COMMENT

9.0 BOARD REPORTS/CORRESPONDENCE

9.1 Board Executive Committee Report

9.2 Board Performance Committee Report

9.3 Board Planning Committee Report

9.4 Board Finance Committee Report

9.5 Reports and Correspondence

10.0 NEW BUSINESS

10.1 2019 Elementary Summer School

10.2 2019 Middle School Summer School

10.3 2019 High School Summer School

10.4 MASB Board of Directors Official Ballot

11.0 OLD BUSINESS

11.1 Minutes of Previous Meeting
- 11.1.1 Board Meeting February 4, 2019
- 11.1.2 Closed Session February 4, 2019
- 11.1.3 Board Workshop February 11, 2019

11.2 Copier Bid

11.3 Brick Student Trip

11.4 Curriculum Development Committee (CDC) High School Course Proposal

11.5 Revisions to Board Policies

11.6 Michigan State Police Grant Security Systems

11.7 Michigan State Police Grant Evacuation Displays

11.8 2018 Bond Budget Amendment Performing Arts Department

11.9 Superintendent Evaluation

11.10 January 2019 Finance Report

11.11 January 2019 Trust & Agency

11.12 January 2019 Check Register

11.13 Personnel Transactions

12.0 ADJOURNMENT

TO: **Board of Education**

FROM: **Sean R. McNatt, Superintendent**

DATE: **February 20, 2019**

SUBJECT: **Board of Education Meeting**
February 25, 2019
6:00 p.m.
Media Center-High School

AGENDA/EXPLANATORY NOTES

1.0 CALL TO ORDER

2.0 ROLL CALL

3.0 ESTABLISHMENT OF QUORUM

4.0 PLEDGE TO FLAG

5.0 ACCEPTANCE OF AGENDA

6.0 PRESENTATIONS

6.1 Employee of the Month
The staff at Brick Elementary would like to nominate Ms. Pamela Flucks for Employee of the Month. Pam has been a driving force and the backbone of Brick Elementary for over 22 years. She works tirelessly to ensure that the business of educating students (and staff) at Brick runs smoothly. Pam is more than an administrative assistant. She is also a nurse, therapist, mediator, first aid giver, tech person, and an amazing resource for a new principal! No one knows Brick like Pam does, and no one appreciates her more than the staff here at Brick Elementary. We are thrilled that her hard work and dedication can be recognized by the entire Lincoln Community. Pam is Team Lincoln, through and through!

Sincerely,
The Staff at Brick Elementary

6.2 Student Services
Presented by Robert Williams

7.0 SUPERINTENDENT AND STAFF REPORTS/CORRESPONDENCE

7.1 Superintendent's Report

7.2 Finance Report
7.2.1 January 2019 Food Service Report
Report included in Board packet.
7.2.2 January 2019 Student Enrollment Report
Report included in Board packet.

7.3 Student Services Report

8.0 PUBLIC COMMENT

9.0 BOARD REPORTS/CORRESPONDENCE

9.1 Board Executive Committee Report

9.2 Board Performance Committee Report

9.3 Board Planning Committee Report

9.4 Board Finance Committee Report

9.5 Reports and Correspondence

10.0 NEW BUSINESS

10.1 2019 Elementary Summer School
Proposal for Elementary School Summer School program to provide at-risk students with the opportunity to maintain and improve skills taught during the previous school year and increase their academic achievement level in targeted language arts and math instruction in grades 1-5 NWEA deficit areas district wide. This is presented for information only; Board action will be requested at a subsequent meeting.

10.2 2019 Middle School Summer School
Proposal for Lincoln Middle School Summer School program to maintain and improve skills taught during the previous school year and increase their academic achievement level in targeted language arts and math instruction in grades 6-8 NWEA deficit areas district wide. This is presented for information only; Board action will be requested at a subsequent meeting.

10.3 2019 High School Summer School
Proposal for Lincoln High School Summer School program to provide at-risk students the opportunity to recover lost credit and improve academic skills. Proposed courses will include Language Arts, Science, Math and Social Studies for grades 9 – 12. This is presented for information only; Board action will be requested at a subsequent meeting.

10.4 MASB Board of Directors Official Ballot
There are two candidates running for Michigan Association of School Boards (MASB) Board of Directors. The Board of Education will vote for one candidate to represent Region 7 for a three-year term on the MASB Board of Directors their bios are enclosed. Board action is requested due to a March 6th deadline.

RECOMMENDED MOTION: I move that the Board of Education place their vote for _____ for District 7, Michigan Association of School Boards (MASB) Board of Directors.

11.0 OLD BUSINESS

11.1 Minutes of Previous Meeting
- 11.1.1 Board Meeting February 4, 2019
- 11.1.2 Closed Session February 4, 2019
- 11.1.3 Board Workshop February 11, 2019

RECOMMENDED MOTION: I move that we approve the minutes of the February 4, 2019, Regular Meeting and Closed Session and the February 11, 2019, Board Workshop as presented.

11.2 Copier Bid
We expect this next round of Multi-Function Printers to last anywhere from 8-10 years in the district. I would give my recommendation to the product that I trust most and would

expect the least amount of issues over time. I've supported and used Konica based systems in a variety of environments and have found them to be the most consistent and reliable product on the market today. Thus, my recommendation is based on my experience in working with and on their products. Applied Imaging's Canon printers are a close second on quality however, Konica is including ID scanners with each machine, which will help us attain our long-term goal in creating a managed and controlled print environment. This will ultimately help us reduce our overall printing costs. Leader Business had a truly competitive quote however, my unfamiliarity with the Kyocera brand made me reluctant to offer my recommendation. And because we expect to employ these machines longer than the typical 5 year lease lifetime; the rental option from UTEC will prove more costly over time as we'll have to continue to pay for rental of machines beyond 5 years; where with all others we have the $1 buyout option. And finally, with Ricoh, though they initially came in as the highest quote and rescinded with a lower quote, their current track record of being unable to sustain or maintain a couple of their machines that are currently in district at just 7 years of age is proof enough that I cannot in good conscious recommend their products for fear of the same repeated expectations and questionable functional longevity.

As for the Konica price difference, they come equipped with card readers (ID card scanners) that cost $118.68 a month. All other quotes do not include this equipment which I feel is critical to the function of a new print management system. These card readers will act as release mechanism for print jobs (printing will not occur until the request is scanned by the original ID card) which will cut down on printing waste (sending the same job twice because they were not there to retrieve their prints the first time, and someone else coming in and throwing away those prints or removing them, causing the sender to re-send the same job). This will also give the district audit capabilities on print volume tied to ID cards.

RECOMMENDED MOTION: I move that we approve the Copier Bid awarded to Konica as presented.

11.3 Brick Student Trip

Brick Elementary School Student Trip Proposal is an out of town overnight request to Howell Nature Center in Howell, Michigan. Information is provided in your packet. Board action is requested.

RECOMMENDED MOTION: I move that we approve the Brick Student Trip to Howell Nature Center as presented.

11.4 Curriculum Development Committee (CDC) High School Course Proposal

The proposed course proposals are for courses to be added to the Lincoln High School 2019-2020 Course Description Book. Courses include: Anatomy and Physiology, Computer Science Discoveries A, Computer Science Discoveries B, Computer Science Principles A, Computer Science Principles B and Spanish V. The proposals have been reviewed and approved by the Curriculum Development Committee. Board action is requested.

RECOMMENDED MOTION: I move that we approve the Curriculum Development Committee (CDC) High School Course Proposal as presented.

11.5 Revisions to Board Policies

Attached is Vol. 33 No. 1 for your reference. The Superintendent and Planning Committee have reviewed and recommend approval. Board action is requested.

RECOMMENDED MOTION: I move that we approve the revisions to Board Policies Vol. 33 No. 1 as presented.

11.6 Michigan State Police Grant Security Systems

Scope – As outlined in the Michigan State Police Grant, the district was awarded $563,793 towards the safety and security of the staff, students, and Lincoln Consolidated School

District community. Part of the awarded amount is for the purchase of an exterior door locking system, security app, secure cross corridors, new employee badge system, and updated fire/intrusion alarm system. The purpose of all of these items working in concert with each other is essential to the overall success of the system. The items recommended to the board of education meet the State of Michigan guidelines and budget set within the grant.

An approved vendor for the State of Michigan was selected to conduct the work. Sonitrol (Vendor ID CV0039454), $366,591 estimated cost, not to exceed $384,868.76, which includes installation. Board action is requested.

RECOMMENDED MOTION: I move that we approve the Michigan State Police Grant Security Systems awarded to Sonitrol, not to exceed $384,868.76 as presented.

11.7 Michigan State Police Grant Evacuation Displays

Scope: As outlined in the Michigan State Police Grant, the district was awarded $563,793 towards the safety and security of the staff, students, and Lincoln Consolidated school district community. Part of the awarded amount is for the purchase of Emergency Evacuation Displays. The proposal recommendation includes the following items: Emergency Evacuation & Supporting Signage framing; Classroom evacuation displays, "V" shaped "fire Alarm" signage, "V" shaped "fire extinguisher" signage; Single sided "severe weather shelter area" signage; Emergency Employee Pamphlets full color folding "pocket inserts"; Fire department Pre-Plan prints 6 school sets.

1 Bid was received through the State of Michigan Bid Process. Bid Recommended – Fire Safety Displays Co, $70,307.50 (3% discount with 50% deposit - $2,109.22 savings) Board action is requested.

RECOMMENDED MOTION: I move that we approve the Michigan State Police Grant Evacuation Displays awarded to Safety Displays Co, in the amount of $70,307.50 as presented.

11.8 2018 Bond Budget Amendment Performing Arts Department

Scope: The Facilities, Lincoln High School administration and performing arts department are recommending the adoption of a budget increase for the work to be completed in the new performing arts wing. The addition of the requested budget increase will, greatly improve each area, set them up for future growth, and provide each department the appropriate space needed to have successful programs. The group is recommending increasing the original estimated budget of $160,000 not to exceed $350,000. Board action is requested.

RECOMMENDED MOTION: I move that we approve the 2018 Bond Budget Amendment for the Performing Arts Department as presented.

11.9 Superintendent Evaluation

The Board of Education evaluated the Superintendent using the Michigan Association of School Board's Evaluation Tool and the State of Michigan required component of student growth. The outcome of the evaluation resulted in an "Effective" rating for the Superintendent. Board action is requested.

RECOMMENDED MOTION: I move that we accept the Superintendent's rating as "Effective" for the 2018-2019 school year as presented.

11.10 January 2019 Finance Report

Enclosed are the January 2019, Financial Reports. The Superintendent recommends approval as presented.

RECOMMENDED MOTION: I move that we approve the January 2019, Financial Reports as presented.

11.11 January 2019 Trust & Agency

Enclosed is the January 2019, Trust & Agency Report. The Superintendent recommends approval as presented.

RECOMMENDED MOTION: I move that we approve the January 2019, Trust & Agency Report as presented.

11.12 January 2019 Check Register

Enclosed is the January 1-31, 2019, check register in the amount of $2,239,394.38. The Superintendent recommends approval as presented.

RECOMMENDED MOTION: I move that we approve the January 1-31, 2019, check register in the amount of $2,239,394.38 as presented.

11.13 Personnel Transactions

ACTION ITEMS				
Name	**Position/Building**	**Effective Date**	**Status**	**Major/Step**
Lyle Culp	Model/Noon Supervisor	2/13/2019	New Hire	
Pete Eckhardt	Transportation/Mechanic	1/22/2019	Resigned	
Nicole Eldridge	Lincoln Riptides Swim Coach/Community Education	2/8/2019	Resigned	
Patience Johnson	Bishop/Noon Supervisor	6/1/2017	Resigned	
Amandy Partain	Childs/Noon Supervisor	9/1/2017	Resigned	
Name	**Position/Building**	**Return to Work Date**	**Status**	**Approved/Not Approved**
Lori Clark	Transportation/Bus Driver		FMLA Leave of Absence	Approved

RECOMMENDED MOTION: I move that we approve the February 22, 2019, Personnel Transactions Summary as presented.

12.0 ADJOURNMENT

LINCOLN
CONSOLIDATED SCHOOLS

February 25, 2019

The staff at Brick Elementary would like to nominate Ms. Pamela Flucks for Employee of the Month. Pam has been a driving force and the backbone of Brick Elementary for over 22 years. She works tirelessly to ensure that the business of educating students (and staff) at Brick runs smoothly. Pam is more than an administrative assistant. She is also a nurse, therapist, mediator, first aid giver, tech person, and an amazing resource for a new principal! No one knows Brick like Pam does, and no one appreciates her more than the staff here at Brick Elementary. We are thrilled that her hard work and dedication can be recognized by the entire Lincoln Community. Pam is Team Lincoln, through and through!

Sincerely,
The Staff at Brick Elementary

2/14/2019

Lincoln Consolidated Schools
7425 Willis Rd
Ypsilanti MI 48197

Dear, Lincoln School Board Members
Sean McNatt, Superintendent

Meal Participation

The participation report for January 2019 is attached. Compared to 2018, average daily breakfasts are up 3.5%, average daily lunches are up 5.0% and average daily cash sales are up 2.1%.

Department Update

- As of January 31st, the district was at 50.5% free or reduced eligible students.
- During January, our FUEL Secondary Menu Promotions were "Chili Fest" recipes; Walking Taco Chili and Cheesy Bread Chili. Fuel4me.com
- On 1/16/19, our second Student Advisory meeting was scheduled, but due to inclement weather, was rescheduled on 1/22/19. We discussed some minor changes that could be made to the flatbread recipes, trying a goulash recipe, and adding more Bosco Sticks to the cycle menu.
- We debuted a new smoothie flavor, Mango Pineapple, at the High School.
- It's hard to believe, but with scheduled days off and weather related days off, we only had 12 school days in January.

Industry Update

Shutdown Resolution Averts School Lunch Crisis

By Lauren Camera, Education Reporter Jan. 25, 2019, at 4:17 p.m.

Meals programs administered through the schools by the Department of Agriculture were in danger of running out of money, even though education funding was secure.
Friday's resolution of the weekslong partial federal government shutdown has averted a crisis in an area long held to be a vulnerability in the public education system: the 22 million poor students who rely on the federal National School Lunch and breakfast programs for meals.

With federal employees returning to return to work and federal funds beginning to flow again, the programs are back on safe ground. But the shutdown drew attention to the uncomfortable duality of a meals program housed at public schools run by the Department of Education yet administered by the Department of Agriculture.

Federal K-12 programs were largely insulated from the shutdown because most of them are forward-funded, meaning dollars awarded each fiscal year are not tapped until the following school year. But Agriculture, which runs the National School Lunch Program and breakfast programs that cumulatively serve 30 million students, was at risk of running out of money.

"School meal programs operate on extremely tight budgets, and many lack reserve funds to continue serving students should federal funding lapse," Gay Anderson, president of the School Nutrition Association, said this week in a statement. "School districts – especially those serving America's neediest students – are simply not equipped to cover meal expenses without federal support."

Department of Agriculture officials warned that a protracted shutdown would jeopardize the programs' funding sources, saying that states had adequate funds to support school meal programs through the month of February and into March. That led nonprofit organizations like the School Nutrition Association to urge Congress and President Donald Trump to resolve the impasse before any lapse in school meal funding occurred.

A powerful coalition of education organizations representing school superintendents, principals, school boards, parents and the two national teachers unions even banded together in an unlikely alliance to draw attention to the problem. They urged Trump and congressional leadership to pass and sign a funding bill for the Department of Agriculture that the House of Representatives passed earlier this month.

"These school meal programs will provide more than 8 billion meals and snacks to low-income families," the eight groups wrote. "The current shutdown traps these important funds in budget debates taking place right now. We strongly urge you to ensure our nation's neediest students do not go hungry in schools."

School districts around the country, and especially those close to Washington, D.C., where large swaths of the community are government employees disproportionately impacted by the shutdown, took measures to ensure their students would continue to have access to food during the school day.

January 2019 Meals

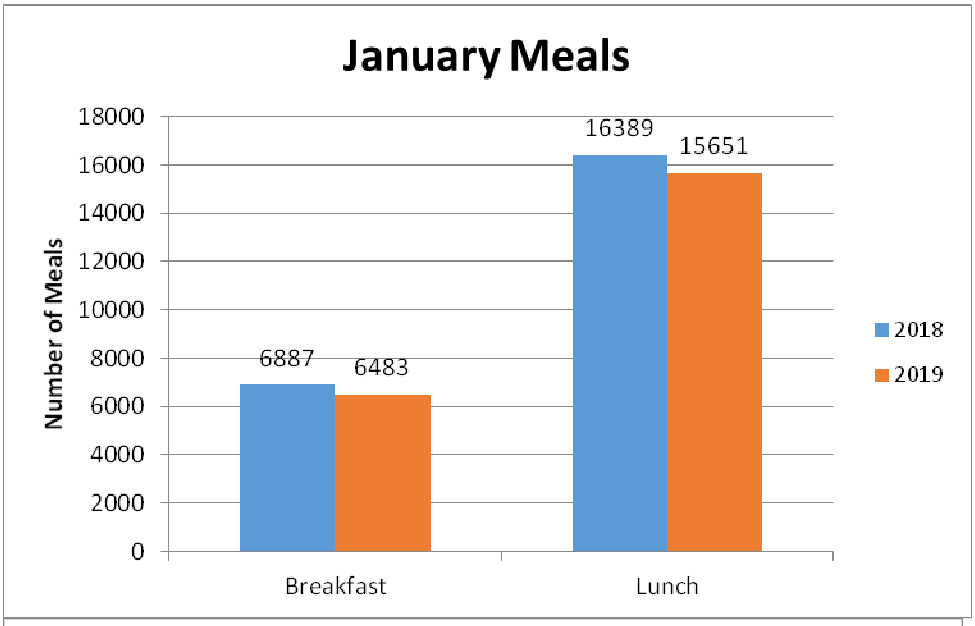
Date Range – December 27th – January 23rd 2019
Service Days – 10
Average Meals per Day – 2213

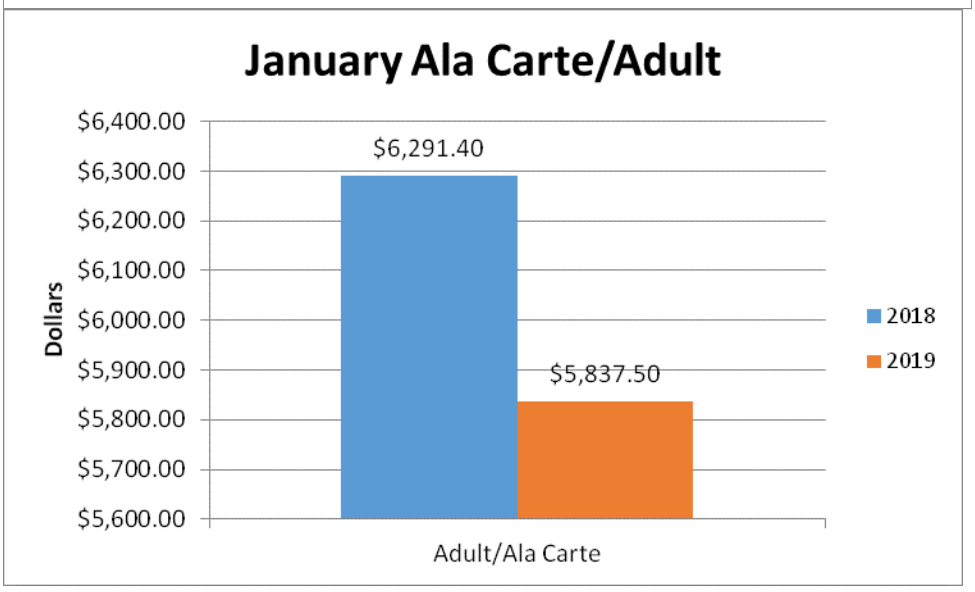
Breakfast Meals – 6483
Lunch Meals – 15651
a La Carte/Adult Dollars - $5837.50

January 2018 Meals

Date Range – December 28th – January 24th 2018
Service Days – 11
Average Meals per Day – 2116

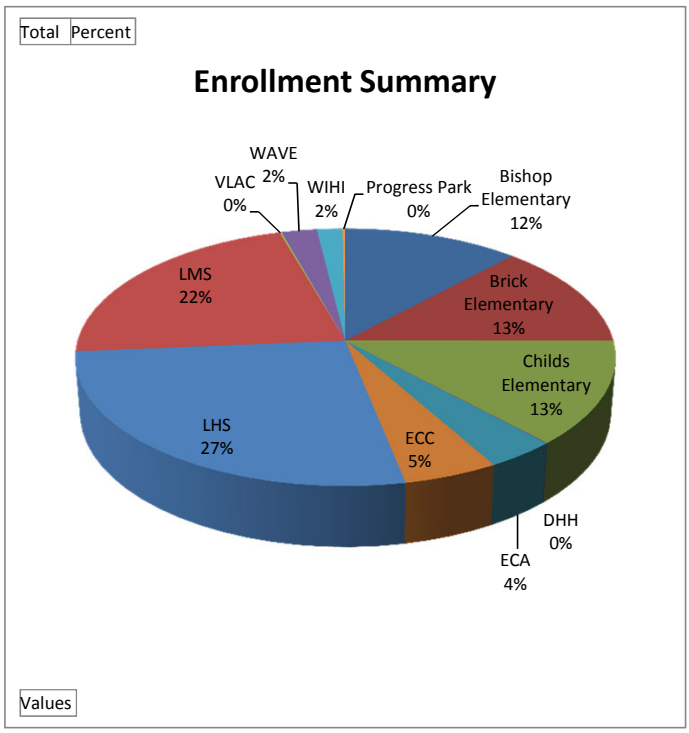
Breakfast Meals - 6887
Lunch Meals – 16389
a La Carte/Adult Dollars – $6291.40





Enrollment Summary
as of 2/20/19

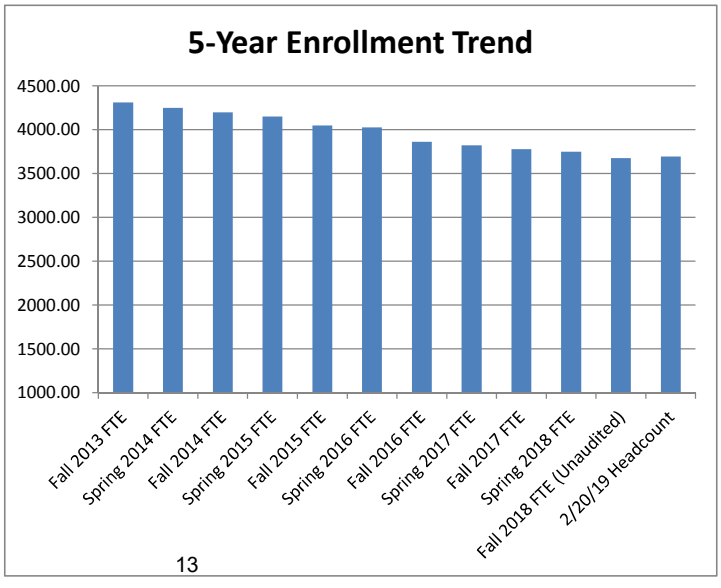
ECC	**193**
Comm Based	22
ECSE	51
Evaluation	16
GSRP	87
Headstart	17
Bishop Elementary	**458**
0	88
1	81
2	74
3	60
4	76
5	79
Brick Elementary	**502**
0	92
1	74
2	77
3	77
4	92
5	90
Childs Elementary	**501**
0	92
1	73
2	75
3	84
4	86
5	91
LMS	**840**
6	293
7	273
8	274
LHS	**1029**
6	1
9	289
10	262
11	247
12	230
DHH	**2**
-2	1
4	1
ECA	**142**
9	19
10	37
11	33
12	53
VLAC	**5**
1	1
3	1
5	2
6	1
WAVE	**92**
9	9
10	28
11	26
12	29
WIHI	**43**
9	12
10	11
11	15
12	5
Grand Total	**3807**



5-Year Enrollment Trend

	FTE
Fall 2013 FTE	**4310.09**
Spring 2014 FTE	**4248.65**
Fall 2014 FTE	**4196.24**
Spring 2015 FTE	**4150.97**
Fall 2015 FTE	**4048.18**
Spring 2016 FTE	**4025.71**
Fall 2016 FTE	**3862.71**
Spring 2017 FTE	**3823.06**
Fall 2017 FTE	**3776.99**
Spring 2018 FTE	**3749.37**
Fall 2018 FTE (Unaudited)	**3676.97**
2/20/19 Headcount	**3695.00**

*GSRP/Headstart Counted Separately



LINCOLN CONSOLIDATED SCHOOLS
8970 Whittaker Road, Ypsilanti, Michigan 48197
www.lincolnk12.org

Planning Committee Minutes

January 24, 2019

1. Members Present
   Jennifer LaBombarbe, Sean McNatt, Allison Sparks, Thomas Rollins, Adam Blaylock, Phil Bongiorno
2. Call to order
   a. Chair LaBombarbe called the meeting to order at 4:02pm
3. Public comments
   a. None
4. Old Business
   a. Bond Update –
      i. Changes to the design of the proposed new location of the Brick Office
      Layout submitted – for the Southwest corner of brick for the new office. All agreed by planning.
      ii. Location and costs of the new Indoor Training Facility
      8 hr meeting with architectural firm went through site surveys and topographical. There were no utitlites that went down Lincoln Trail from Childs so it would be $1.1 million to add utilities and site work to bring utilizes from Childs. Looking at moving it closer to the football field so utility access could come from the bus garage. Discussion on amount of parking and the flow in and out of the facility ensued. Planning committee asked for some more information on these items to be shared with us on February 11 meeting.
      iii. Cross Corridor, Exterior door locking system, security app, fire/intrusion alarm system and the employee badge system – Planning committee to review and have any questions back to Superintendent McNatt or Chair LaBombarbe by Feb 3. This bid will be placed on the February 25 Board Agenda for approval.
      iv. Answer any follow-up questions regarding the cost of the Performing Arts Department proposal. Discussion on the amount of money this proposal was over original dollar amount continued and the concern of setting a precedent of being able to go over in one area because we saved in this area. Planning will continue to monitor the proposals.
   b. Policies/ Admin Guidelines
      i. No review for this meeting due to Bond items to cover

5. New Business

6. Adjournment
   5:29pm

Next Meeting February 11, 2019 @ 4:30pm in the Superintendents Conference Room

LINCOLN CONSOLIDATED SCHOOLS
8970 Whittaker Road, Ypsilanti, Michigan 48197
www.lincolnk12.org

Planning Committee Minutes

February 11, 2019

1. Members Present
   Jennifer LaBombarbe, Sean McNatt, Allison Sparks, Thomas Rollins, Adam Blaylock,
2. Call to order
   a. Chair LaBombarbe called the meeting to order at 4:37pm
3. Public comments
   a. None
4. Old Business
   a. Bond Update –
      i. Changes to the design of the proposed new location of the Brick Office
      Layout submitted – for the Southwest corner of brick for the new office. All agreed by planning. No update
      ii. Location and costs of the new Indoor Training Facility
      Information on this was not brought to the planning meeting.
      iii. Cross Corridor, Exterior door locking system, security app, fire/intrusion alarm system and the employee badge system – Planning committee to review and have any questions back to Superintendent McNatt or Chair LaBombarbe by Feb 3. This bid will be placed on the February 25 Board Agenda for approval.
         1. $18,277.76 overages will stay within the grant for other items – will use it on the directional signs or scanning software.
         2. Training facility already has the security management built in to match upgrades being done to the district
         3. Built to the latest codes and using the same modification systems.
      iv. Discussion of flooring type and costs and reasoning for increased cost over the budgeted amount from bond approval. No data was provided as to why the desire is to go with the more expensive flooring over the type of flooring that was used for the budget of the bond.
      v. Chair LaBombarbe has tasked the Superintendent to set up a special called planning meeting to include, Scott Hoeft, Jeff Bates, Adam Blaylock, Adam Snapp, Phil Bongiorno and the planning committee members to happen ASAP.
   b. Policies/ Admin Guidelines
      i. Policies reviewed

3242		Professional Growth Requirements – reviewed and approved
3243		Professional Meetings - reviewed and approved
3310	4310	Freedom of Speech in Noninstructional Settings - reviewed and approved
3362	4362	Anti-Harassment - reviewed and approved

5. New Business

6. Adjournment
   5:50pm

Next Meeting March 11, 2019 @ 4:30pm in the Superintendents Conference Room

LINCOLN HIGH SCHOOL

Summer School Proposal
Summer 2019

Proposed by: Kevin B. Upton

Project Name: 2019 Summer Skills Academy

Grade Levels: 1st Grade to 5th Grade

Subjects: Reading and Mathematics Grades 1-5

Cost to Parents: $0 (31a At-Risk Funded)

Program Description

Vision:
Provide at-risk students with the opportunity to maintain and improve skills taught during the previous school year and increase their academic achievement level in targeted language arts and math instruction in grades 1-5 NWEA deficit areas district wide.

Rationale:
Spring M-STEP and Fall 2018 NWEA scores show that achievement gaps in our sub-populations (At-Risk, Ethnicities, and Special Education) still exist. We need to continue to address these areas so that all of our students are successful. Summer school data from previous years has shown success for our At-Risk population in reducing summer loss and showing growth. We would like to continue to provide them this opportunity for growth this summer.

Summer Skills Academy Goals:
Increase summer early intervention opportunities for our at-risk student populations.
Reduce summer loss on the NWEA Reading assessment.

Reduce summer loss on the NWEA Math assessment.
Increase the use of best practice implementation of language arts and mathematics through staff training for summer school.

Summer Skills Academy Curriculum/Programming:

Over the five week course of study in language arts, students will work through the following programs which are currently used in the district: LLI Reading, Phonics First, Lexia Core 5. All students enrolled in the language arts academy grades 1-5 will work through the LLI program at a reading level determined by assessments completed in their buildings prior to summer school. Students will work in the Phonics First program at a level determined by their grade level and ability level. The Lexia Core 5 program places students based on their ability level. These reading programs use proven and effective strategies to support and improve student reading skills. The teachers trained for the summer program can continue to use the techniques within existing curricular structures as well throughout the school year.

The Elementary Summer School Program will utilize Summer Success Math. The students will be provided with a powerful, comprehensive review of grade level concepts and skills. Using motivating games, problem solving activities, and math vocabulary reinforcement students will increase their math abilities and gain confidence.

All of the aforementioned programs reinforce the skills and concepts addressed in the Common Core State Standards. Pre and Post assessments are provided in the Summer Success Math program and will be given to all students. Students will also be taking the summer NWEA assessment to compare their data to their previous testing session and determine the amount of growth made.

Summer Skills Academy Budget

The Summer Skills Academy will be completely funded out of the At-Risk (31a) grant.

Timeline for Implementation

Approximately June 27 – July 28, 2019. Students will meet Monday through Thursday from 9:00 –11:45 AM, with staff working from 8:30-12:00PM. The intent of these dates is to kick-start our students with the highest needs prior to the beginning of the school year, and to have them ready for the fall NWEA testing cycle.

Summer Skills Academy Description of Participation

The following criteria have been set to target our students with the most need for language arts (1-5) and mathematics (1-5) intervention.

Students identified using the criteria set below will be notified in writing via US mail. A due date will be established to commit to summer school and slots will be filled. If all slots are not filled at a particular grade level, then additional letters will be sent using the next level of eligibility criteria. If a particular building does not use all of its slots, then the remaining buildings based on academic need will be given the slots for their students.

For grades 1and 2:

Students who are currently assigned to an At-Risk Teacher Specialist and/or students who have been referred to a Student Study Team will be selected first. If slots are not filled based on this criteria set, teacher recommendations will be the next criteria set for students following the At-Risk (31A) Needs Assessment guidelines to receive letters.

For grades 3-5:
Students who received a Level 4 in reading and math on the M-STEP. If slots are not filled, we will send out letters to eligible students in the following order.

- Level 4 in reading only
- Level 4 in math only
- Level 3 in reading and math
- Teacher recommendation

Summer Skills Academy Slot Allocations:

Grades 1-5

Bishop	tba	Students
Brick	tba	Students
Childs	tba	Students

Total Elementary Program Allocation 200 Students

Summer Skills Academy Program Assessment

- NWEA Assessment Data
  - Reading scores Spring/Summer (grades 1-5)
  - Math scores Spring/Summer (grades 1-5)
- Pre and post test data collection during the program
  - Math-Summer Success Program Assessments

LINCOLN HIGH SCHOOL

Summer School Proposal
Summer 2019

Proposed by: Kevin B. Upton

Project Name: 2019 Summer Skills Academy

Grade Levels: 6th-8th grade

Subjects: Reading and Mathematics Grades 6-8

Cost to Parents: $0 (31a At-Risk Funded)

Program Description

Vision:
Provide at-risk students with the opportunity to maintain and improve skills taught during the previous school year and increase their academic achievement level in targeted language arts and math instruction in grades 6-8 NWEA deficit areas district wide.

Rationale:
Spring M-STEP and Fall 2018 NWEA scores show that achievement gaps in our sub-populations (At-Risk, Ethnicities, and Special Education) still exist. We need to continue to address these areas so that all of our students are successful. School data from previous years has shown success for our At-Risk population in reducing summer loss and showing growth. We would like to continue to provide them this opportunity for growth this summer.

Summer Skills Academy Goals:

Increase summer early intervention opportunities for our at-risk student populations.

Reduce summer loss on the NWEA Reading assessment.
Reduce summer loss on the NWEA Math assessment.
Increase the use of best practice implementation of language arts and mathematics through staff training for summer school.

Summer Skills Academy Curriculum/Programming:

Over the five week course of study in language arts, students will work through the curriculum for the Middle School as prescribed by the Lincoln Board of Education. All students enrolled in the language arts academy grades 6-8 will work through the Read 180 program at a reading level determined by assessments completed in their buildings prior to summer school. reading programs use proven and effective strategies to support and improve student reading skills. The teachers trained for the summer program can continue to use the techniques within existing curricular structures as well throughout the school year.

The Middle School Summer Academy Program will utilize Summer Success Math. The students will be provided with a powerful, comprehensive review of grade level concepts and skills. Using motivating games, problem solving activities and math vocabulary reinforcement students will increase their math abilities and gain confidence.

All of the aforementioned programs reinforce the skills and concepts addressed in the Common Core State Standards. Pre and Post assessments are provided in the Summer Success Math program and will be given to all students. Students will also be taking the summer NWEA assessment to compare their data to their previous testing session and determine the amount of growth made.

Summer Skills Academy Budget

The Summer Skills Academy will be completely funded out of the At-Risk (31a) grant.

Timeline for Implementation

Approximately June 27 – July 28, 2019. Students will meet Monday through Thursday from 9:00 –11:45 AM, with staff working from 8:30-12:00PM. The intent of these dates is to kick-start our students with the highest needs prior to the beginning of the school year, and to have them ready for the fall NWEA testing cycle.

Summer Skills Academy Description of Participation

The following criteria have been set to target our students with the most need for language arts (6-8) and mathematics (6-8) intervention.

Students identified using the criteria set below will be notified in writing via letters sent home with the students. A due date will be established to commit to summer school and slots will be filled. If all slots are not filled at a particular grade level, then additional letters will be sent using the next level of eligibility criteria. If a particular building does not use all of its slots, then the remaining buildings based on academic need will be given the slots for their students.

Criteria for admittance;
Students who are currently assigned to an At-Risk Teacher Specialist and/or students who have been referred to a Student Study Team will be selected first. Students who have failed Language Arts and Math for two quarters will qualify for Summer School. Students will also be admitted to the Summer School program that had attendance issues throughout the 2017-2018 school year. If slots are not filled based on this criteria set, teacher recommendations will be the next criteria set for students.

Total Elementary Program Allocation 150 Students

Summer Skills Academy Program Assessment

- NWEA Assessment Data
  - Reading scores Spring/Summer (grades 6-8)
  - Math scores Spring/Summer (grades 6-8)
- Pre and post test data collection during the program

Guillermo Z. Lopez*
District: Lansing School District
County: Ingham

Time served on this board: 18 years
Offices held: President and Treasurer

MASB Certification:

Election Statement:

I was first appointed in 2000 and elected in 2001 to my first six-year term on the Lansing School Board of Education. I was re-elected in 2007 and currently serving my third term as Trustee of my local board.

My work in education governance goes beyond my local board of education. As a member of the National Hispanic Council of School Board Members I served in various capacities starting as a Regional Director, Vice Chairperson, Chair Elect, Chairperson, and finally Immediate Past Chairperson. During my two years as Chairperson of the Council I had a seat on the NSBA Board of Directors. It was at this time that work on formulating the new NSBA started. These were hard but exciting times as a new way of working for and cooperating with our state agencies took shape. As an MASB Director I will concentrate on the following areas in order to help our membership address local areas of concern: state and federal legislation; policy development; healthy learning environment for all children; student achievement; on time graduation and improved financial stability for all schools.

My current community involvement includes, but is not limited to the following boards and committees:
Member Ingham County Fair Board
Treasurer Lansing Promise Authority Board
Member Action of Greater Lansing, Education Committee
President Latinex Leaders for the Enhancement of Advocacy and Development of Greater Lansing

I am married to Mary Ann and together we have five grown children and nine grandchildren. All live in the Lansing area and all children are attending public schools.

Having served on the MASB Board of Directors since July, I have met wonderful people, both staff and directors and have been introduced to the very important work of MASB on behalf of public education in Michigan. With all due respect I ask your support to continue representing you on the MASB Board of Directors.

“Every Child Deserves the Best”

Incumbent

Jack Temsey
District: Potterville Public Schools
County: Eaton

Time served on this board: Five years
Offices held: Secretary
Time served on another board: Three years, Eaton RESA
Offices held: President, Vice President and Secretary

MASB Certification:
Certified Boardmember Award
Award of Merit
Award of Distinction
Master Boardmember Award
Master Diamond Award

Election Statement:

As a Board of Education Trustee, I feel we are the voice for our children. We need to utilize that voice to ensure we can offer them the education that they deserve, regardless of the struggles we face behind the scenes. We need to direct that voice to those that create legislation when we feel it will adversely affect public education and remember to offer praise to those that show us favor and offer to help. I believe the voice of our boards and communities can make a difference.

My wife, Ashley, and I have four children, Carter, 11, has been a Boy Scout for seven years, and is currently a Second-Class Scout. As a youth, I earned my Eagle Scout Award, as well as the Venturing Bronze, Gold, Silver, Ranger and Leadership Awards, Sea Scout Quartermaster, William T. Hornaday Medal, Order of the Arrow Vigil Honor member and Section Chief. As an adult, I have served on District and Council Committees, as a Commissioner and most recently as a Merit Badge Counselor and Order of the Arrow Advisor. Miley, 10, has been active in the Girl Scouts for five years, she is currently a Junior. I have served as a Troop Co-leader for Daisies, Brownies and Juniors. Miley also played in a community soccer league that I coached and enjoys playing the piano. Maesen, 2, enjoys reading, Barbie, Super Monsters and her new little sister. Charlotte, 10 months, has got her bottom teeth in and is trying to get her legs under her to start running and keep up with her busy siblings.

I have served the Potterville Public Schools of Education for four years. During that time, I have served on the Policy Committee and currently serve as Secretary. I have been an Eaton RESA Trustee for three years, serving on the Finance & Audit Committee as well as Secretary, Vice President, and am currently serving as President. I have additionally served MASB as a member of the Curriculum & Instruction Committee, Government Relations Committee also serving as Vice Chairman, adjunct staff, conference presenter and as a Strategic Plan facilitator. I am also a past president of our PTA.

I would be honored to serve on the MASB Board of Directors, to represent you, and bring your voices to the table to further benefit our children and the future of public education.

LINCOLN CONSOLIDATED SCHOOLS
Ypsilanti, Michigan
BOARD OF EDUCATION / REGULAR MEETING
~~January 28, 2019~~
Date change due to weather: February 4, 2019
6:00 p.m.
Media Center- High School

OFFICIAL MINUTES

BOARD MEMBERS PRESENT

Yoline Williams, President
Jennifer Czachorski, Vice President
Jennifer LaBombarbe, Secretary
Thomas Rollins, Treasurer
Laura VanZomeren, Trustee

ADMINISTRATORS PRESENT

Nik Jackson, Technology Director
Robert Jansen, Bishop Principal
Kevin Upton, Curriculum and Instruction Director

OTHERS PRESENT

Edgar Brown, Jim Harless, Rick Haitaian, Les Harris, Mike Weathers, Karen Cook, Rebecca Donovan, Karen Wlodychak, Jennifer Dressell, Dawn Johnson, Jim Harless, Laurie Price, Ronda Selter, DeLynne Lahtinen and Chris Lahtinen

1.0 CALL TO ORDER

President Williams called the meeting to order at 6:04 p.m. in the Media Center at the High School.

2.0 ROLL CALL

Roll call showed all Board Members were present with the exception of, Allison Sparks and Connie Newlon.

3.0 ESTABLISHMENT OF QUORUM

A quorum was established.

4.0 PLEDGE TO FLAG

The Pledge of Allegiance was recited by Board and audience members.

5.0 ACCEPTANCE OF AGENDA

It was moved by LaBombarbe and seconded by Czachorski that we accept the agenda as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

6.0 PRESENTATIONS

6.1 School Board Appreciation

The Board of Education were presented with many cards and tokens of appreciations for their many hours spent dedicated to Lincoln Consolidated Schools. All buildings participated and made this year's celebration extra special.

6.2 Employee of the Month

It's an honor to nominate Mrs. Rebecca Donovan as Employee of the Month for Lincoln Consolidated Schools. Mrs. Donovan serves as a paraprofessional here at Bishop, working with Students with Special Needs, in Michele Williams Young Fives/ Kindergarten Multi-age classroom. As a parent of four children

who have either attended or are currently attending Lincoln Consolidated Schools, she is extremely dedicated to our district's community. Mrs. Donovan is one of the most dedicated, positive, hardworking, flexible and caring individuals I've had the privilege to work with. She continually goes out of her way to assist students and staff in need.

Michele Williams writes, "Mrs. REBECCA DONOVAN is an asset to the success of my classroom. She helps create a safe and nurturing environment for all students in the class. When challenges arise, she is quick to offer many solutions and is willing to help put them in place. The students know her as being very kind, loving, soft spoken, but helpful. She takes the time to understand each student and is able to make connections with each of them on an individual basis."

Mrs. Rebecca Donovan is a true asset to our entire Lincoln Consolidated Schools Community and an amazing person.

Robert Jansen, Principal
Bishop Elementary

6.3 Student Recognition
Varsity swimmer Emma Casteel for breaking the 50 freestyle record.

6.4 Washtenaw ISD Board Members
Presentation was delayed to a later date.

6.5 Curriculum & Instruction
Presented by Kevin Upton

- Touched base on building community and relationships, establishing processes, student focused service, communication and performance.
- The University of Michigan Transforming Research Into Action to Improve the Lives of Students (TRAILS) program has received a 5-year, $2.5 million grant from the U.S. Department of Education, helping to advance the initiative's mission to make effective mental health services accessible in all schools. The grant lays the groundwork for TRAILS to work collaboratively with the Washtenaw Intermediate School District (WISD), the Regional Alliance for Healthy Schools (RAI-lS), and Project Healthy Schools to strengthen and expand current services offered with an emphasis on student emotional and behavioral health. Schools are uniquely positioned to provide critical prevention and intervention services, and with significant rates of depression, anxiety, and trauma-related stress among students. The federally funded initiative seeks to improve the academic engagement and performance of students at Ypsilanti Community Middle School, Ypsilanti Community High School, Lincoln Middle School and Lincoln High School by creating school-delivered student health and wellness programs structured around three tiers of service delivery-prevention, early intervention, and crisis response.

7.0 SUPERINTENDENT AND STAFF REPORTS/CORRESPONDENCE

7.1 Superintendent's Report

- Grant and Bond projects are both on schedule with phase II of the Bond project in Planning Committee.
- February 5, 2019, scheduled daycare providers luncheon.
- February 15, 2019, Leadership Breakfast to be held in the Conference Room in Central Office.
- Realtor Luncheon is scheduled for February 20, 2019, in the Preforming Arts Center.
- In two decades the State of Michigan has reduced its numbers by 600,000 students.

7.2 Finance Report

7.2.1 December 2018 Food Service Report
Report were included in the Board packet.

7.2.2 December 2018 Student Enrollment Report
Report were included in the Board packet.

7.3 Technology Report
Presented by Nik Jackson

- Lincoln's infrastructure is solid and updated.
- Plans for one on one devices and what the plan will look like when the plan and devices are implemented are currently being conversed within the Technology Committee.
- New desktops are onsite and will be installed in the coming weeks starting at Central Office.
- Technology is looking to install additional cameras within the district.

8.0 PUBLIC COMMENT

- Rick Haitaian from Ricoh stood to address to Board of Education explaining why he believes his company would be best suited to continue serving the copier needs of Lincoln.
- Steven Mitchell, Maintenance, stated he believes that equity, inclusion and Board policy 7310 B-4 & C are not being followed.

9.0 BOARD REPORTS/CORRESPONDENCE

9.1 Board Executive Committee Report
Next Board Executive Committee meeting is scheduled for February 19, 2019, at 5:30 in the Superintendent's Conference Room.

9.2 Board Performance Committee Report
Board Performance Committee was canceled due to weather.

9.3 Board Planning Committee Report
Board planning Committee will meet next on February 11, 2019, in the Superintendent's Conference Room.

9.4 Board Finance Committee Report
The next Finance Committee is scheduled for February 19, 2019.

9.5 Reports and Correspondence

- The Martin Luther King Jr. Luncheon at Eastern Michigan was attended by Superintendent McNatt, President Williams, Secretary LaBombarbe and Trustee Sparks. President Williams stated the presentation was excellent.
- Lincoln Competitive Cheer Team finished first in the county!
- Lincoln's Band and Choir, Solo and Ensemble participants brought home several "1" ratings.

10.0 NEW BUSINESS

10.1 Student Discipline Hearing Recommendations

10.1.1 Student #3

The Board Discipline Committee met on January 18, 2019, to conduct a disciplinary hearing for Student #3 and their recommendation was included in the Board packet. The Superintendent and Discipline Committee recommended approval as presented.

It was moved by LaBombarbe and seconded by Rollins that we approve the recommendation of the Board Discipline Committee relative to disciplinary sanctions for Student #3 as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

10.2 Board of Education Committee Meeting Schedule
The Superintendent and Committee Chairs recommend approval as presented.

It was moved by LaBombarbe and seconded by Rollins that we approve the Board of Education Committee Meeting Schedule for 2019 as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

10.3 Copier Bid

Nik Jackson recommendations are based on price, quality and service.

- Leader Business obviously has the lowest price which is a major factor when considering a 5 year lease. Their product offerings do seem to match their competitors.
- Applied Imaging offers good value coupled with excellent customer service. I have had direct experience with this vendor and they have always delivered excellent service.
- Konica products are top notch with the best quality. Again, I have had direct experience with their service and have always been impressed with their reliability and quality.

Nik Jackson believes based on experience with the vendor and the quality of the equipment either Applied Imaging or Konica would be his recommendation however, they are both higher bids than Leader Business, which had the lowest bid. Please read the attached complete recommendation. Information is provided in your packet. This was presented for information only; Board action will be requested at a subsequent meeting.

10.4 Brick Student Trip

Brick Elementary School Student Trip Proposal is an out of town overnight request to Howell Nature Center in Howell, Michigan. Information is provided in your packet. This was presented for information only; Board action will be requested at a subsequent meeting.

10.5 District Door Locks

Scope – As outlined in the Michigan State Police grant, the district was awarded $563,793. A portion of those funds were earmarked for classroom door locking devices. The district will be installing approximately 500 door locking devices throughout the district. The addition of the requested door locks will greatly improve the ability to properly secure a classroom/office in the event of a lockdown situation.3 quotes were obtained. Lowest bid recommended – Legacy Barricades, Inc. $47,475, which includes installation.

It was moved by LaBombarbe and seconded by VanZomeren that we approve the bid for Legacy Barricades, Inc., for the District Door Locks in the amount of $47,475, using Michigan State Police grant funds as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

10.6 Curriculum Development Committee (CDC) High School Course Proposal

The proposed course proposals are for courses to be added to the Lincoln High School 2019-2020 Course Description Book. Courses include: Anatomy and Physiology, Computer Science Discoveries A, Computer Science Discoveries B, Computer Science Principles A, Computer Science Principles B and Spanish V. The proposals have been reviewed and approved by the Curriculum Development Committee. This was presented for information only; Board action will be requested at a subsequent meeting.

10.7 Revisions to Board Policies

Attached is Vol. 33 No. 1 for your reference. The Superintendent and Planning Committee have reviewed and recommend approval. This was presented for information only; Board action will be requested at a subsequent meeting.

10.8 2018 Bond Budget Amendment Performing Arts Department

Scope: The Facilities, Lincoln High School administration and performing arts department are recommending the adoption of a budget increase for the work to be completed in the new performing arts wing. The addition of the requested budget increase will, greatly improve each area, set them up for future growth, and provide each department the appropriate space needed to have successful programs. The group is recommending increasing the original estimated budget of $160,000 not to exceed $350,000. This was presented for information only; Board action will be requested at a subsequent meeting.

11.0 OLD BUSINESS

11.1 Minutes of Previous Meeting

11.1.1 Board Meeting December 10, 2018

11.1.2 Organizational Meeting January 14, 2019

Included in the Board packet were the minutes of December 10, 2018, Regular Meeting and the January 14, 2019, Organizational Meeting.

It was moved by VanZomeren and seconded by Czachorski that we approve the minutes of the December 10, 2018, Regular Meeting and the January 14, 2019, Organizational Meeting as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

11.2 December 2018 Finance Report

Included in the Board packet are the December 2018, Financial Reports. The Superintendent recommends approval as presented.

It was moved by LaBombarbe and seconded by VanZomeren that we approve the December 2018, Financial Reports as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

11.3 December 2018 Trust & Agency

Included in the Board packet were the December 2018, Trust & Agency Report. The Superintendent recommends approval as presented.

It was moved by LaBombarbe and seconded by VanZomeren that we approve the December 2018, Trust & Agency Report as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

11.4 December 2018 Check Register

Included in the Board packet were the December 1-31, 2018, check register in the amount of $1,708,800.30. The Superintendent recommends approval as presented.

It was moved by LaBombarbe and seconded VanZomeren that we approve the December 1-31, 2018, check register in the amount of $1,708,800.30 as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

11.5 Personnel Transactions

ACTION ITEMS				
Name	**Position/Building**	**Effective Date**	**Status**	**Major/Step**
Jennifer Hansen	Lincoln Middle School/Accompanist	12/6/2018	New Hire	
Marissa Eans	Childs/Noon Supervisor	11/15/2018	Resignation	
Juanita Marker	Transportation/Bus Aide	12/14/2018	Re-hire	
Donald Daugherty	Transportation/Bus Aide	12/19/2018	New Hire	
Keyla Shillingford	Bishop/SE Paraprofessional	1/7/2019	New Hire	
Michaella Williamson	Bishop/SE Teacher	1/7/2019	New Hire	Education/Special Education - Step 1
Jennifer Tachar	Childs/Noon Supervisor	1/7/2019	New Hire	
Sarah Minch	Bishop/SE Paraprofessional	1/17/2019	New Hire	
Tabitha Boone	Transportation/Bus Aide	1/15/2019	New Hire	
Coretta Foster	Transportation/Bus Driver	1/22/2019	Re-Hire	
Eryca Haywood	Model/GSRP Lead Teacher	1/22/2019	New Hire	
Name	**Position/Building**	**Return to Work Date**	**Status**	**Approved/Not Approved**
Vonda Roll	Transportation/Assistant Building Secretary	5/4/18- 1/4/2019	Leave of Absence	Approved
Vonda Roll	Transportation/Assistant Building Secretary	Unknown	Leave of Absence	Not recommended for Approval
Melissa Palmquist	Brick/Paraprofessional	2/8/2019	Leave of Absence	Approved
Stephen Mussio	Multiple/Teacher	1/29/2019	FMLA Leave of Absence	Approved
Jessica Shrock	Noon Supervisor	1/31/2019	FMLA Leave of Absence	Approved
Andrea Adams	Middle School/Teacher	3/25/2019	FMLA Leave of Absence	Approved
Nathan Soos	Middle School/Teacher	12/20/2019	FMLA Leave of Absence	Approved
Susan Gearns	Brick/Paraprofessional	1/6/2019	FMLA Leave of Absence	Approved
Katherine Erdenejargal	Childs/Teacher	3/18/2019	FMLA Leave of Absence	Approved

It was moved by VanZomeren and seconded by LaBombarbe that we approve the January 28, 2019, Personnel Transactions Summary as presented.

Ayes: 5
Nays: 0
Motion carried 5-0

10.0 CLOSED SESSION

10.1 Negotiation
It was necessary to enter to closed session to discuss negotiations, not to return to open session.

10.2 Superintendent Evaluation
It was necessary to enter closed session to discuss the superintendent evaluation, not to return to open session.

It was moved by LaBombarbe and seconded by LaBombarbe in pursuant to Sections 8(a) and 8 (c) of the Open Meetings Act, I move that we enter closed session to discuss the negotiations and superintendent evaluation, not to return to open session.

A roll call vote will be necessary.

Ayes: 5 VanZomeren, Williams, Czachorski, Rollins, LaBombarbe
Nays: 0
Motion carried 5-0

11.0 ADJOURNMENT

Mrs. Williams declared the meeting adjourned to closed session at 7:00 p.m.

LINCOLN CONSOLIDATED SCHOOLS

Technology Department

- Enterprise Ricoh printing fleet refresh. We have received 5 total bids to replace our aging (6-7 year) large printing fleet in the district. The plan calls for replacing all 34 printers/fax machines and expanding with an additional one in Childs to ensure equitable access for all staff (total of 35), and to move color print volume from the small color printers to a large consolidated printer in the main office of each building. The district currently pays for a maintenance and service contract to Ricoh at $39,000.00 to $45,000 annually. These bids will increase the cost allocated amount up to double that cost. *All maintenance costs are based off an estimated 6,000,000 black and white and 120,000 color per year.

    - There are an estimated 64 small to medium size printers in the district as a whole. Per printing cost on these smaller printer devices average about .05 to .08 cents per page for black and white and color averages about .12 to .15 cents per page. There can be significant savings in per page cost if large printers under an maintenance agreement are used exclusively.

- We should expect to see a decline in per device printing in the district as we look to implement a managed print system. Such a system will give the district the advantage of reducing print waste and control printing costs, protect data and increase security through secure printing, audit capability (reports for building and district administrators), modern features such as follow me printing, and increase printing availability for all staff.

    - Bishop: 1 color, 3 black and white
    - Brick 1 color, 4 black and white
    - Central Admin: 1 color, 2 black and white
    - Childs: 1 color, 3 black and white
    - High School: 1 color, 9 black and white
    - Middle School: 1 color, 4 black and white
    - Model: 1 color, 2 black and white
    - Transportation: 1 black and white

- Bids include:

    - Applied Imaging: $3599.00 (monthly) 60 month lease with $1 buyout

      $343,140.00 (lifetime)

      $.0034 black and white print maintenance

$.042 color print maintenance

$5,719.00 total monthly cost (estimate based on print volume)

- Konica: $3,741.78 (monthly) 60 month lease

  $363,707.00 (lifetime)

  $.0039 black and white print maintenance

  $.037 color print maintenance

  $6,062.00 total monthly cost (estimate based on print volume)

- Leader Business: $3440.00 (monthly) 60 month lease

  $316,800.00 (lifetime)

  $.003 black and white print maintenance

  $.034 color print maintenance

  $5,280.00 total monthly cost (estimate based on print volume)

- Ricoh: $4,175.00 (monthly) 60 month lease

  $394,500.00 (lifetime) (-$14,000 trade-in =$380,500)

  $.0039 black and white print maintenance

  $.045 color print maintenance

  $5,726.00 total monthly cost (estimate based on print volume)

- Utech: $5,726.00 (monthly) 60 month lease

  $324,000.00 (lifetime)

  $.00 color/black and white maintenance cost included

  $5,400.00 total monthly cost (estimate based on print volume)

- My recommendations are based on price, quality and service.

  - Leader Business obviously has the lowest price which is a major factor when considering a 5 year lease. Their product offerings do seem to match their competitors.

  - Applied Imaging offers good value coupled with excellent customer service. I have had direct experience with this vendor and they have always delivered excellent service.

  - Konica products are top notch with the best quality. Again I have had direct experience with their service and have always been impressed with their reliability and quality.

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DOCUMENT SOLUTIONS PROPOSAL

FOR

LINCOLN CONSOLIDATED SCHOOLS

January 18, 2019

KYOCERA

East
35436 Mound Rd.
Sterling Heights, MI 48310
586.264.4908 Fax 586.264.4355

Central
20900 Hubbell
Oak Park, MI 48237
248.967.1000 Fax 248.967.2624

South
20565 Northline Rd.
Taylor, MI 48180
734.287.3500Fax 734.287.3501

West
7885 Jackson Rd.
Ann Arbor, MI 48103
734.253-2534Fax 734.253.2535

www.leaderbusiness.com

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LEADER BUSINESS

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Multi-Functional Network Products

Dear Nik Jackson and the Lincoln Consolidated Schools,

On behalf of Leader I appreciate the opportunity to review your business needs and propose a solution designed to help you achieve your goals.

Leader is driven by the needs of our customers. As a Kyocera authorized partner, we're pleased to offer innovative solutions to help you unleash your organization's potential, now and in the future. Our comprehensive, integrated lineup of business imaging solutions—tailored to your specific needs and budget—can empower you to help achieve outstanding levels of productivity.

Since 1981 Leader has focused on providing exception customer service and building relationships for the long term. Our owners have from the beginning stressed the customer is the most important one in the room and will always be. Our retention rate with customers is over 90 percent, our goal is to have you as a customer and a reference for us in the community.

From the company's beginnings in 1981 as a small company to its position today as metro leader in digital imaging and information management solutions, Leader has gained priceless experience in meeting challenges across a wide range of markets and industries. Its broad, deep expertise will serve you well when we work with you to address the needs of your organization.

Leader and Kyocera are dedicated to providing you with outstanding service and support. Throughout every phase of our collaboration, our team of highly trained professionals has one goal—helping you maximize your investment and enhance your core business processes. It is my promise as a owner to do what I can to service your machines efficiently, responsibly, and effectively.

I hope we can work together to forge a great partnership for all the students, teachers, and faculty members of the Lincoln Consolidated School district.

Sincerely,

Bobby McMacken
Owner and GM
Leader Business

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Summery

In October Nik Jackson reached out to Leader to inquire about replacing his copier units. At the time Nik explained under the Strategic Plan how his duty was to create a replacement plan for technology to aid the school in functioning correctly while respecting the goal of creating a healthy fund balance. In his procurement process he analyzed the usage, mapping, and needs of the schools for copying and printing machines or MFP's. This is vital to maintain current facilities to aid the teachers, staff and students. Updating the technology infrastructure started with addressing the old and antiquated MFP's that are current in the school district.

To Aid Lincoln Schools, Leader is proposing hardware and solutions with our Kyocera product line. Kyocera Document Solutions is a leading manufacturer of document imaging solutions and document management systems, including color and monochrome multifunctional products as well as printers and wide format devices. Kyocera's products are renowned for their unique long-life imaging components that provide greater reliability and less waste - resulting in a lower Total Cost of Ownership (TCO) over the life of the product. The Kyocera Document Solutions portfolio does not stop at hardware. A full suite of business applications and consultative services allow customers to optimize and manage their document workflow, unleashing the full potential of their hardware investment.

Kyocera Document Solutions Inc. is a core company of Kyocera Corporation, the world's leading developer and manufacturer of advanced ceramics and associated products, including telecommunications equipment, semiconductor packages and electronic components. During the year ended March 31 2017, Kyocera Corporation's net sales totaled 12.7 billion dollars.

The scope of our project was to replace all current Ricoh MFP's with new ones that would yield long life production to the school district. Leader has included pricing to deliver, install, train, and provide service on 35 MFP's and additional pricing for two solutions which were introduced to Nik Jackson during an exploratory meeting. The test grading solutions and google connector would be of great value for the staff and strongly recommended by Leader.

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Multi-Functional Network Products

WORKFLOW EFFICIENCY

Saving time and conserving resources are big priorities for most organizations. They want simple, intuitive operations customized for their specific needs, so they can print quickly and economically. The Taskalfa series adapts to meet the workflow goals of each office environment. With a range of customizable, simple-to-use, streamlined features, individuals and workgroups can achieve powerful productivity. A 600,000 PM kit is equipped will all the models being proposed which will result with maximum efficiency.

COST MANAGEMENT

Print operations can carry hidden costs that can affect the bottom line and reduce operational efficiencies. Maximize your resources with advanced tools that let you track, manage, and influence user behavior. From analyzing color output by employee or client to enforcing double-sided printing, you can ensure that resources are employed cost-effectively.

DEVICE AND FLEET MANAGEMENT EFFICIENCY

Managing printing tasks requires striking a balance among the needs of users, the need to manage costs, and the need to streamline IT support. Whether you manage a fleet of devices or a single unit, Kyocera Fleet Services management tools easily configure a system, monitor activity, and maximize resources, easing the burden on your IT staff and giving you back time to focus on your business goals.

QUALITY AND RELIABILITY

When equipment is down, so is productivity—and revenue. Kyocera's impressive durability, outstanding uptime, and easy maintenance will help you enjoy consistent productivity.

SUSTAINABILITY

Environmental responsibility is a key initiative for companies. Kyocera Task alfa Series incorporates eco-conscious solutions that can help reduce your environmental footprint without sacrificing performance. Kyocera's Recycle Program will insure all toner and waste toner is properly recycled.

East
35436 Mound Rd.
Sterling Heights, MI 48310
586.264.4908 Fax 586.264.4355

Central
20900 Hubbell
Oak Park, MI 48237
248.967.1000 Fax 248.967.2624

South
20565 Northline Rd.
Taylor, MI 48180
734.287.3500Fax 734.287.3501

West
7885 Jackson Rd.
Ann Arbor, MI 48103
734.253-2534Fax 734.253.2535

www.leaderbusiness.com

KYOCERA mita

LEADER BUSINESS

Canon

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Proposed solutions and Benefits

Digital Imaging System Investment

(13) Kyocera Task alfa 7002i's- 70 page per minute MFP with 600,000 PM kit and Large Staple Finisher
(2) Kyocera Task alfa 5002i's- 50 page per minute MFP with 600,000 PM kit
(13) Kyocera Task alfa 4002i's- 40 page per minute MFP with 600,000 PM kit
(7) Kyocera Task alfa 5052ci's- 50 page per minute color MFP with 600,000 PM kit
35 new copiers in total with several fax units

$188,767.00 Purchase Price
$3,440.00 a month 60 month lease
$3,815.00 a month, 60 month lease $1.00 out

Optional Teaching Assistant kit- $599.00 per machine. $17,500.00 if on all 35 copiers.
Google Connector- $99.00 per machine license. $2,625.00 if on all devices.

Full Service Agreement that includes parts, labor, and toner- $0.003 per b/w impressions, $0.034 per color.

BENEFITS

1.) Faster and more durable copiers. A 600,000 Preventive Maintenance kit is the industry standard where all drums, fuser, developer, transfer unit, and rollers get replaced. Given the volume Leader will try to accommodate this in the summer and winter breaks so that the units have limited down time.
2.) Faster scanners- At 220 or 180 images per minute at b/w and color the scan speeds will be much swifter for the school.
3.) Full Monitoring system with Kyocera Fleet Services- Leader can see the MFP's in live time and know the counters, service cycles, error codes and communicate on the touch screen for responses. For example, Leader can put on the touch screen of the copier "A Service technician will be there in 20 minutes."
4.) Full Recycle Program paid for by Kyocera America- Kyocera will provide boxes that can be used to recycle Kyocera toner and be shipped back to Kyocera on Kyocera's expense.
5.) The teaching Assistant will provide and alternative for scantrons and tests.
6.) The Google connector will access any google account from any unit to print, copy, or scan.
7.) Papercut and other monitoring systems can be installed on the units.
8.) All units, manpower and supplies will come from our local Ann Arbor location.
9.) Booklets can now be produced by the color copiers.
10.)Leader pledges to be the most reliable partner the School District has ever had with their MFP's.

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Kyocera 7002i's

Includes:

- 70 pages per minute
- 270 Sheet Dual Scan Document Processor
- Scan Speeds at 220 ipm
- Two 550 sheet paper tray Adjustable
- Two Large 1,500 sheet letter trays
- Large 4,000 Sheet Staple Finisher
- Full printing, color scanning and copying
- Delivery and install included

Kyocera 5002i's

Includes:

- 50 pages per minute
- 270 Sheet Dual Scan Document Processor
- Scan Speeds at 180 ipm
- Two 550 sheet paper tray Adjustable
- Two Large 1,500 sheet letter trays
- Large 1,000 Sheet Staple Finisher
- Full printing, color scanning and copying
- Delivery and install included

Kyocera 4002i's

Includes:

- 40 pages per minute
- 270 Sheet Dual Scan Document Processor
- Scan Speeds at 180 ipm
- Two 550 sheet paper tray Adjustable
- Two Large 1,500 sheet letter trays
- Large 1,000 Sheet Staple Finisher
- Full printing, color scanning and copying
- Delivery and install included

Kyocera 5052ci's

Includes:

- 50 pages per minute and color
- 270 Sheet Dual Scan Document Processor
- Scan Speeds at 180 ipm
- Two 550 sheet paper tray Adjustable
- Two Large 1,500 sheet letter trays
- Large 4,000 Sheet Staple Finisher and Booklet Maker
- Full printing, color scanning and copying
- Delivery and install included

Kyocera Configuration		Description	Price	
Model	TA 7002i	Copier 70ppm	$ 5,499.00	
Accessory	DF-7110	4000 sheet finisher	$ 990.00	$ 6,489.00
	PH-7a	Punch	$ 375.00	
	Fax	Fax	$ 420.00	
Model	TA 6002i	Copier 60ppm	$ 2,445.80	
Accessory	DP-7110	270 sheet Doc Feeder	$ 710.00	
	PF-7110	Dual 1500 sheet tray	$ 550.00	
	DF-7110	4,000 Sheet Finisher	$ 990.00	$ 4,695.80
	PH-7100	Punch	$ 375.00	
	Fax	Fax	$ 420.00	
Model	TA 5002i	Copier 50ppm	$ 2,100.00	
Accessory	DP-7110	270 sheet Doc Feeder	$ 710.00	
	PF-7110	Dual 1500 sheet tray	$ 550.00	
	DF-7120	1,000 Sheet Finisher	$ 675.00	$ 4,035.00
	PH-7100	Punch	$ 375.00	
	Fax	Fax	$ 420.00	
Model	TA 4002i	Copier 40ppm	$ 1,825.00	
Accessory	DP-7110	270 sheet Doc Feeder	$ 710.00	
	PF-7110	Dual 1500 sheet tray	$ 550.00	
	DF-7120	1,000 Sheet Finisher	$ 675.00	$ 3,760.00
	PH-7100	Punch	$ 375.00	
	Fax	Fax	$ 420.00	
	DF-7110	4000 Sheet Finisher	$ 990.00	
Model	TA 5052ci	Copier 50 PPM Color	$ 3,330.00	
Accessory	DP-7110	270 sheet Doc Feeder	$ 710.00	
	PF-7110	Dual 1500 sheet tray	$ 550.00	
	DF-7120	4,000 Sheet Finisher	$ 990.00	
	BF-730	Booklet and Trifold	$ 600.00	$ 6,180.00
	PH-7100	Punch	$ 375.00	
	Fax	Fax	$ 420.00	

Building	Location	Map #	IP Address	Manufacturer	Model	Total Monthly Pages	Mono Pages	Color Pages	Scans	Lifetime Meter	Replace with	Price	Accessories
MS	Teacher Prep 719	9	10.40.20.7	RICOH	Aficio MP 6001	86815	86815	0	124	5,796,374	Kyocera TA 7002i	$ 5,499.00	$ 990.00
MS	Teacher Prep 619	5	10.40.20.6	RICOH	Aficio MP 6001	46751	46751	0	0	4,493,090	Kyocera TA 7002i	$ 5,499.00	$ 990.00
MS	Teacher Prep 819	14	10.40.20.20	RICOH	Aficio MP 6001	59236	59236	0	873	4,390,664	Kyocera TA 7002i	$ 5,499.00	$ 990.00
HS	Teacher Workroom 1328	5	10.40.10.9	RICOH	Aficio MP 6001	2923	2923	0	417	3,635,962	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
HS	Teacher Workroom 1328	4	10.40.10.45	RICOH	Aficio MP 6001	60292	60292	0	188	3,641,091	Kyocera TA 7002i	$ 5,499.00	$ 990.00
HS	Teacher Workroom 705	25	10.40.10.53	RICOH	Aficio MP 6001	45871	45871	0	60	3,257,970	Kyocera TA 7002i	$ 5,499.00	$ 990.00
HS	Teacher Workroom 518	22	10.40.10.48	RICOH	Aficio MP 6001	35907	35907	0	120	3,235,390	Kyocera TA 7002i	$ 5,499.00	$ 990.00
Bishop	Teacher Workroom	4	10.40.50.29	RICOH	Aficio MP 6001	27560	27560	0	0	3,261,020	Kyocera TA 7002i	$ 5,499.00	$ 990.00
Bishop	Media Center	7		RICOH	Aficio MP 6001					530,760	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
Bishop	Teacher Workroom	3	10.40.50.28	RICOH	Aficio MP 6001	30574	30574	0	0	3,130,006	Kyocera TA 7002i	$ 5,499.00	$ 990.00
Childs	Teacher Workroom	4	10.40.40.16	RICOH	Aficio MP 6001	30914	30914	0	0	2,834,322	Kyocera TA 7002i	$ 5,499.00	$ 990.00
Brick	Room 103-A		10.40.60.19	RICOH	Aficio MP 6001	39350	39350	0	0	2,795,820	Kyocera TA 7002i	$ 5,499.00	$ 990.00
HS	Room 307		10.40.10.6	RICOH	Aficio MP 6001	15820	15820	0	12	2,615,609	Kyocera TA 5002i	$ 2,100.00	$ 1,935.00
Brick	Teacher Workroom	13	10.40.60.15	RICOH	Aficio MP 6001	30122	30122	0	0	2,105,209	Kyocera TA 7002i	$ 5,499.00	$ 990.00
Brick	Room 103-C		10.40.60.14	RICOH	Aficio MP 5001	15083	15083	0	0	1,318,790	Kyocera TA 5002i	$ 2,100.00	$ 1,935.00
Model	Teacher Workroom	7	10.40.30.23	RICOH	Aficio MP 6001	5109	5109	0	0	1,129,172	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
Brick	Main Office	6	10.40.60.46	RICOH	Aficio MP 6001	11764	11764	0	48	977,581	Kyocera TA 5052ci with fax	$ 3,330.00	$ 3,270.00
MS	Main Office	1	10.40.20.48	RICOH	Aficio MP 7001	5017	5017	0	82	873,166	Kyocera TA 5052ci with fax	$ 3,330.00	$ 3,270.00
HS	Counseling	13	10.40.10.41	RICOH	Aficio MP 7001	11085	11085	0	528	875,316	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
HS	Athletic Dept		10.40.10.19	RICOH	Aficio MP 6001	1765	1765	0	19	788,086	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
Bishop	Main Office	1	10.40.50.42	RICOH	Aficio MP 6001	12253	12253	0	134	807,123	Kyocera TA 5052ci with fax	$ 3,330.00	$ 3,270.00
HS West	Admin Reception	1	10.40.60.23	RICOH	Aficio MP 6001	3946	3946	0	674	729,774	Kyocera TA 4002i with fax	$ 1,825.00	$ 2,355.00
Model	Main Office	1	10.40.30.25	RICOH	Aficio MP 6001	3096	3096	0	194	576,618	Kyocera TA 5052ci with fax	$ 3,330.00	$ 3,270.00
Childs	Main Office	1	10.40.40.44	RICOH	Aficio MP 5001	6226	6226	0	180	572,542	Kyocera TA 5052ci with fax	$ 3,330.00	$ 3,270.00
HS	Main Office	16	10.40.10.34	RICOH	Aficio MP 5001	2928	2928	0	52	486,990	Kyocera TA 5052ci with fax	$ 3,330.00	$ 3,270.00
MS	Counselor	4	10.40.20.44	RICOH	Aficio MP 5001	5901	5901	0	0	418,840	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
HS West	Superintendant	3	10.40.60.45	RICOH	Aficio MP C3501	4383	2489	1894	171	399,923	Kyocera TA 5052ci with fax	$ 3,330.00	$ 3,270.00
HS West	Student Services	4	10.40.30.47	RICOH	Aficio MP 6001	1078	1078	0	210	234,755	Kyocera TA 4002i with fax	$ 1,825.00	$ 2,355.00
Transportation	Main Office		10.40.90.25	RICOH	Aficio MP 5001	1986	1986	0	106	171,073	Kyocera TA 4002i with fax	$ 1,825.00	$ 2,355.00
HS	Room 500	20	10.40.10.52	RICOH	Aficio MP 6001	3761	3761	0	76	146,291	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
Brick	Curriculum	10	10.40.60.31	RICOH	Aficio MP 5001	232	232	0	1	117,989	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
HS	Nik's IT Office	3	10.40.10.51	RICOH	Aficio MP 5001	123	123	0	10	16,530	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
Model	Teacher Workroom	8	Not connected	RICOH	Aficio MP 5001					447,289	Kyocera TA 4002i	$ 1,825.00	$ 1,935.00
Childs	Teacher Workroom	2		RICOH	Aficio MP 6001					3,619,879	Kyocera TA 7002i	$ 5,499.00	$ 990.00
Childs	Additional MFP										Kyocera TA 7002i	$ 5,499.00	$ 990.00
TOTAL												$ 122,722.00	$ 66,045.00
TOTAL with acc												$ 188,767.00	

TASKalfa

› PRINT › COPY › SCAN › FAX

TASKalfa 7002i

BLACK & WHITE
MULTIFUNCTIONAL SYSTEM

POWERFUL PERFORMANCE... CONNECT AND COLLABORATE.

The TASKalfa 7002i is an advanced Black-and-White MFP that offers the best of all worlds – outstanding ease of use, extraordinary image quality, fast throughput and exceptional durability. This versatile system is ideal for busy workgroups that require the flexibility to communicate in hardcopy and digital form. Print at up to 70 pages per minute. Scan at up to 220 images per minute. To further streamline processes, the customizable TASKalfa 7002i can be equipped with added paper drawers, professional finisher and integrated plug-and-play Kyocera business applications. Combined with ultra-reliability and long-life technology, Kyocera takes the end-user experience, and your business, to another level.

- Crisp Black-and-White Output up to 70 Pages per Minute
- Exceptional Print Quality up to 1200 dpi
- Standard 4,150-sheet Paper Capacity, Expandable to 7,650 Sheets
- Flexible Media Support and Paper Sizes up to 12" x 48"
- Customizable 9" Color Touch Screen with Tablet-like Home Screen
- Advanced Finishing Options for Professional Output, including a 4,000-sheet External Finisher and Optional Booklet Folding
- Efficient High-speed Color Scanning up to 220 ipm
- Standard USB Host Interface for On-the-Go Printing and Scanning
- Convenient Wireless Printing and Scanning
- Apple AirPrint®, Google Cloud Print™ and KYOCERA Mobile Print Compatible for Anytime, Anywhere Connectivity
- Standard Near Field Communication (NFC) for Android and Wi-Fi Direct Provides Added Smart Device Convenience
- KYOCERA Fleet Services, a secure cloud-based monitoring system, optimizes device uptime and reduces costs

KYOCERA
Document Solutions

TASKalfa 7002i

BASIC SPECIFICATIONS

Configuration: Black and White Multifunctional System – Print/Scan/Copy/Optional Fax

Pages Per Minute:
Letter: 70 ppm, Legal: 42 ppm, Ledger: 35 ppm, 12" x 18": 35 ppm (print only)

Warm Up Time: 30 Seconds or Less (Power On)

First Page Out:
Copy: 5.2 Seconds or Less
Print: 5.8 Seconds or Less

Display: 9" Color Touch Screen Control Panel

Resolution: 600 x 600 dpi; 9600 dpi x 600 dpi; 1200 x 1200 dpi

Memory / Hard Disk Drive: 4.5 GB RAM / 8 GB SSD / 320 GB HDD Standard

Duplex: Standard Stackless Duplex Supports Statement to 12" x 18", 14 lb Bond – 166 lb Index (52 – 300gsm)

Standard Output Tray: Statement – 12" x 18" / 270 Sheets; up to 12" x 48" Banner (Single Sheet)

Electrical Requirements: 120V, 60Hz, 12A; 220-240V, 50Hz, 7.2A

Typical Electricity Consumption (TEC): 120V: 4.7 kWh/week; 220V: 4.5 kWh/week

Dimensions: 26.97" W x 31.10" D x 41.45" H

Weight: 330 lbs

Maximum Monthly Duty Cycle: 400,000 Pages per Month

PAPER SUPPLY

Standard Paper Sources: Dual 500 Sheet Trays, Dual 1,500 Sheet Trays, 150 Sheet MPT, Auto Selection / Switching

Optional Paper Sources: Dual 500 Sheet Trays **(PF-730[B][1])**, Dual 1,500 Sheet Trays **(PF-740[B][1])**; Side LCT: 3,000 Sheet Capacity Tray **(PF-7120)**; 500 Sheet Multi-Media Paper Feeder **(PF-7130)**

Paper Capacity: Standard: 4,150 Sheets; Maximum: 7,650 Sheets

Paper Size:
Tray 1 – 5.5" x 8.5" – 12" x 18" (Statement to 12" x 18"); Tray 2 – 5.5" x 8.5" – 12" x 18", Custom Size; **PF-7100:** 5.5" x 8.5" – 12" x 18"; **PF-7100:** 5.5" x 8.5" – 12" x 18"; **PF-7200:** 8.5" x 11" - 12" x 18"; **MPT:** 5.5" x 8.5" – 12" x 18" (Multiple Sheets); up to 12" x 48" Banner (Single Sheet)

Paper Weight: Trays / MPT: 16 lb Bond – 166 lb Index (60 – 300gsm)

Input Materials: Standard/Optional Drawer: Plain Paper, Bond Paper, Recycled Paper, Envelopes; MPT: Plain Paper, Bond Paper, Recycled Paper, Cardstock, Transparencies, Labels, Envelopes

SECURITY SPECIFICATIONS

Standard: Local Authentication, Network Authentication (IPsec, HTTPS, LDAP over SSL, SNMPv3); Secure Print (IPP over SSL); Scan to Email (POP3/SMTP over SSL); Scan to FTP (FTP over SSL); Scan to SMB/PC/USB; FTP over SSL

Optional: Data Security Kit (E): HDD Overwrite Mode, HDD Data Encryption

PRINT SPECIFICATIONS

Standard Controller: Freescale QorIQ T1042 (Dual Core) / 1.2GHz

PDLs / Emulations: PRESCRIBE, PCL6 (PCL-XL / PCL5), KPDL3 (PS3), PDF, OpenXPS, XPS, PPML; Optional (UG-34): IBM ProPrinter, Line Printer, LQ-850

Print Resolution: Up to 1200 x 1200 dpi

Fonts: 136 KPDL3, 93 PCL6, 8 Windows Vista, 1 Bitmap

OS Compatibility: Windows: XP/Vista/7/8/8.1/10/Server 2003/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2; Novell NetWare 3.x/4.x/5.x/6.x; Mac OS 10.x; AirPrint Enabled; Sun OS 4.1.x; Solaris 2.x; AIX; HP-UX (LPR)

Mobile Printing: Apple AirPrint®, Google Cloud Print™, KYOCERA Mobile Print

Interfaces: Standard: 10/100/1000BaseTX, Hi-Speed USB 2.0, 4 USB Host Interfaces, 2 Expansion Slots, Wireless LAN (communication distance 98.5 feet)
Optional: 10/100/1000BaseTX (**IB-50** for Dual NIC), IEEE 802.11b/g/n **IB-51** for Wireless LAN Interface (communication distance 328.1 feet)

Network Print and Supported Protocols: TCP/IP, FTP, LPR, NetBEUI, IPv4, IPv6, IPsec, SSL, HTTP, LPD, IPP, RawPort, LLTD, SNTP, DHCP, SMTP, POP3, DNS, SNMPv1/v2, WSD Scan/Print

Drivers: KX Driver, KX (XPS) Driver, PCL Mini Driver, KPDL Mini Driver, Network Fax Driver, TWAIN Driver, WIA Driver, Status Monitor, Novell NDPS, Common Profile, Output to PDF, Security Watermark, Color Optimizer, Linux SANE Driver, Linux Driver, Mac Driver, Windows Inbox Driver, KX PRESCRIBE Macro Generator

Utilities: KYOCERA Net Direct Print, File Management Utility, KYOCERA Print Center, KYOCERA Net Admin, KYOCERA Net Viewer, Quick Setup, KYOCERA Net Manager(Pro), KYOCERA Net Manager (Basic), ID Register, Software Management Service, Upgrade Studio, Web Package Builder, Web Package Maker, Removal Tool, Wi-Fi Setup Tool

SCAN SPECIFICATIONS

Scan Type: Color and Black & White Scanner

Scan Resolution: 600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi

File Formats: TIFF (MMR compression), PDF (MMR compression), PDF (high compression), OpenXPS, XPS, JPEG

PDF Extension: Searchable PDF (OCR)

Scan Speeds (mono/color, @300 dpi):
Simplex: 120 ipm B&W / Color
Duplex: 220 ipm B&W / Color

Connectivity / Supported Protocols: 10/100/1000BaseTX, TCP/IP, Hi-Speed USB 2.0

Scanning Functions: Scan to Folder (SMB), Scan to Email, Scan to FTP, Scan to FTP over SSL, Scan to USB, WSD Scan, TWAIN Scan

Original Size: Through DP: Statement to Ledger (5.5" x 8.5" – 11" x 17"); Glass: Up to 11" x 17"

Drivers: TWAIN Driver / KM-WSDL / WSD

COPY SPECIFICATIONS

Copy Resolution: 600 x 600 dpi

Image Mode: Text, Photo, Text/Photo, Graphic/Map

Continuous Copy: 1 – 9,999 / Auto Reset to 1

Additional Features: Auto Magnification, Auto Paper Select, Auto Start, Auto Drawer Change, Interrupt Copy, Positive / Negative Reverse, Mirror Image, Rotate Copy, Border Erase, Split Copy, Electronic Sort, Margin Shift, Page Number, Form Overlay, XY Zoom, Prevent Bleed Through, Text Stamp, Bates Stamp, Blank Page Skip

Job Management: 1,000 Department Codes, Job Programs, Job Build, Shortcut Keys, Repeat Copy

Color Adjustment: One Touch, Hue, Auto Exposure, Sharpness

Magnification / Zoom: Full Size, 4 Reduction, 4 Enlargement Preset Ratios, 25 – 400% in 1% Increments

Document Box: Custom Box, Job Box, Removable Memory Box, Fax Box (with optional Fax System)

STANDARD DOCUMENT PROCESSOR

Type / Capacity: Dual Scan Document Processor / 270 Sheets

Acceptable Originals: 5.5" x 8.5" – 11" x 17"

Acceptable Weights:
Simplex: 16 lb Bond – 68 lb Index (60 – 256gsm)
Duplex: 13 lb – 32 lb Bond (50 – 120gsm)

OPTIONAL FAX SPECIFICATIONS

Fax Type: Fax System 12

Compatibility / Data Compression: G3 Fax / MMR, MR, MH, JBIG

Transmission Speed / Modem Speed: Less than 3 Seconds per Page / 33.6 Kbps

Fax Memory: Standard 170 MB

Driver: Network Fax Driver

Fax Functions: Network Fax, Duplex Transmission and Reception, Encrypted Transmission and Reception, Polling Transmission and Reception, Broadcast

OPTIONAL 4,000 SHEET FINISHER DF-7110[2]

Stack / Staple Capacity: Main Tray (A): 4,000 Sheets; Sub Tray (B): 200 Sheets / 65 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind

Optional Punch: PH-7A 2 and 3 Hole Punch Unit, Supports 8.5" x 11" – 12" x 18"; 14 lb Bond –166 lb Index (52 – 300gsm)

Dimensions: 23.91" W x 26.32" D x 41.78" H

Optional Booklet Folder / Tri-fold Unit[3]: BF-730 Booklet Folder supports 8.5" x 11", 8.5" x 14", 11" x 17"; Fold booklet staple: 16 lb – 24 lb Bond (60 – 90gsm) 16 sheets; 25 lb – 28 lb Bond (91 – 105gsm) 13 sheets; Fold booklet no staple: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 32 lb Bond – 110 lb Cover (121 – 256gsm) 1 sheet; Tri-fold Unit supports 8.5" x 11" only: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 16 lb – 28 lb Bond (60 – 105gsm) 1 sheet

Optional Multi-bin Mailbox[3]: MT-730(B) Includes 7 Trays; Supports 16 lb Bond – 90 lb Index (60 – 163gsm); Stack Capacity per Bin: 100 Sheets: 5.5" x 8.5", 8.5" x 11"; 50 Sheets: 8.5" x 14", 11" x 17"

ADDITIONAL OPTIONS

Banner Guide (A), Internet Fax Kit (A), Card Authentication Kit (B), Gigabit NIC (**IB-50**), IEEE 802.11b/g/n (**IB-51**), ThinPrint (**UG-33**), Emulation (**UG-34**), Keyboard Holder 10, Key Counter, Key Counter Attachment Kit, Copy Tray (D), Data Security Kit (E), Numeric Keypad (**NK-7110**)

[1] Requires PF-7130
[2] Only 1 Output Option can be installed
[3] Requires DF-7110

ONLY FROM KYOCERA

KYOCERA Document Solutions is a global leader in the digital imaging industry, with an award-winning line of document solutions that consistently set the standard for high performance, superior image quality, enhanced workflow applications, ease-of-use and durability.

Looking to streamline your document workflow? Kyocera offers a robust portfolio of business applications that seamlessly and securely integrate with our MFPs. To learn more about which business applications are right for your business, visit the Solutions section on our website.

Specifications and design are subject to change without notice.
For the latest on connectivity, please visit www.kyoceradocumentsolutions.com/us.
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IC# 855D400489

KYOCERA
Document Solutions

TASKalfa

› PRINT › COPY › SCAN › FAX

TASKalfa 4002i

BLACK & WHITE
MULTIFUNCTIONAL SYSTEM

POWERFUL PERFORMANCE... CONNECTING INFORMATION AND WORKFLOW.

The TASKalfa 4002i Black and White MFP is ideal for workgroups seeking to automate print, copy, and color scan workflows, while maximizing productivity. Offering superior performance and intuitive functionality, the TASKalfa 4002i transforms business processes, with support for a wide range of paper sizes and media types. Designed to make quick work of demanding applications, the scalable TASKalfa 4002i supports optional Finishers to automate cumbersome manual tasks, and expandable paper supply to ensure uninterrupted operation. Add to that Kyocera's award-winning ultra-reliability and unique long-life technology, and you have a powerful document solution that delivers superior performance and proven productivity.

- Crisp Black and White Output up to 40 Pages per Minute
- Exceptional Print Quality at up to 1200 dpi
- Scalable Paper Capacity for Longer Job Runs
- Flexible Media Support and Paper Sizes up to 12" x 48"
- Customizable 9" Color Touch Screen with Intuitive, Tablet-like Home Screen
- Robust Portfolio of Business Applications for Enhanced Capabilities, such as Scan Distribution to Back-end Applications and Document Management Systems
- Advanced Finishing Options for Professional Output, including a Space-saving 500-sheet Internal Finisher
- Standard USB Host Interface for On-the-Go Printing and Scanning
- Efficient Color Scanning up to 180 ipm
- Convenient Wireless Printing and Scanning
- Apple AirPrint®, Google Cloud Print™ and KYOCERA Mobile Print Compatible for a Mobile Printing Solution

KYOCERA
Document Solutions

TASKalfa 4002i

BASIC SPECIFICATIONS

Configuration: Black & White Multifunctional System – Print/Scan/Copy/Optional Fax

Pages Per Minute: Letter: 40 ppm, Legal: 24 ppm, Ledger: 20 ppm, 12" x 18": 20 ppm (print only)

Warm Up Time: 17 Seconds or Less (Power On)

First Page Out:
Copy: 4.5 Seconds or Less
Print: 5.1 Seconds or Less

Display: 9" Color Touch Screen Control Panel

Resolution / Bit Depth: 600 x 600 dpi; 9600 dpi x 600 dpi; 1200 x 1200 dpi

Memory / Hard Disk Drive: 4GB RAM / 8GB SSD / 320GB HDD Standard

Duplex: Standard Stackless Duplex Supports Statement to 12" x 18", 14 lb Bond – 166 lb Index (52 – 300gsm)

Standard Output Tray: Statement – 12" x 18" / 500 sheets; up to 12" x 48" Banner (Single Sheet)

Electrical Requirements: 120V, 60Hz, 12A; 220-240V, 50Hz, 7.2A

Typical Electricity Consumption (TEC): 120V: 1.9 kWh/week; 220V:1.8 kWh/week

Dimensions: 23.70" W x 26.18" D x 31.10" H

Weight: 180.78 lbs

Maximum Monthly Duty Cycle: 175,000 Pages per Month

PAPER SUPPLY

Standard Paper Sources: Dual 500 Sheet Trays, 150 Sheet MPT, Auto Selection/Switching

Optional Paper Sources: Dual 500 Sheet Trays (**PF-7100**), Dual 1,500 Sheet Trays (**PF-7110**); Side LCT: 3,000 Sheet Capacity Tray (**PF-7120**)[1]

Paper Capacity: Standard: 1,150 Sheets; Maximum: 7,150 Sheets

Paper Size:
Tray 1 – 5.5" x 8.5" – 8.5" x 14" (Statement to Legal); Tray 2 – 5.5" x 8.5" – 12" x 18", Custom Size; **PF-7100:** 5.5" x 8.5" – 12" x 18"; **PF-7110, PF-7120:** 8.5" x 11"; **MPT:** 5.5" x 8.5" – 12" x 18" (Multiple Sheets); Up to 12" x 48" Banner (Single Sheet)

Paper Weight: Trays / MPT: 14 lb Bond – 166 lb Index (52 – 300gsm)

Input Materials: Standard/Optional Drawer: Plain Paper, Bond Paper, Recycled Paper, Envelopes; MPT: Plain Paper, Bond Paper, Recycled Paper, Cardstock, Transparencies, Labels, Envelopes

SECURITY SPECIFICATIONS

Standard: Local Authentication, Network Authentication (IPsec, HTTPS, LDAP over SSL, SNMPv3); Secure Print (IPP over SSL); Scan to Email (POP3/SMTP over SSL); Scan to FTP (FTP over SSL); Scan to SMB/PC/USB; FTP over SSL

Optional: Data Security Kit (E): HDD Overwrite Mode, HDD Data Encryption

PRINT SPECIFICATION

Standard Controller: Freescale QorIQ T1024 (Dual Core) / 1.2GHz

PDLs / Emulations: PRESCRIBE, PCL6 (PCL-XL / PCL5), KPDL3 (PS3), XPS, OPEN XPS; Optional (UG-34): IBM ProPrinter, Line Printer, LQ-850

Print Resolution: Up to 1200 x 1200 dpi

Fonts: 136 KPDL3, 93 PCL6, 8 Windows Vista, 1 Bitmap

OS Compatibility: Windows: XP/Vista/7/8/8.1/10/Server 2003/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2; Novell NetWare 3.x/4.x/5.x/6.x; Mac OS 10.x; AirPrint Enabled; Sun OS 4.1.x; Solaris 2.x; AIX; HP-UX (LPR)

Mobile Printing: Apple AirPrint®, Google Cloud Print™, KYOCERA Mobile Print

Interfaces: Standard: 10/100/1000BaseTX, Hi-Speed USB 2.0, 4 USB Host Interfaces, 2 Expansion Slots

Optional: 10/100/1000BaseTX (**IB-50** for Dual NIC), IEEE 802.11 b/g/n (**IB-51** for Wireless LAN Interface)

Network Print and Supported Protocols: TCP/IP, NetBEUI, IPv4, IPv6, IPsec, HTTP, LPD, FTP, IPP, RawPort, LLTD, SNTP, DHCP, SMTP, POP3, DNS, SNMPv1/v2, WSD Scan/Print

Drivers: KX Driver, PCL Mini Driver, KPDL Mini Driver, KX Driver for XPS, Network Fax Driver, TWAIN Driver, WIA Driver, PPD for MAC, PPD for Linux

Utilities: KYOCERA Net Admin, KYOCERA Net Viewer, PDF Direct Print, Command Center RX

SCAN SPECIFICATIONS

Scan Type: Color and Black & White Scanner

Scan Resolution: 600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi

File Formats: TIFF (MMR compression), PDF (MMR compression), PDF (high compression), OpenXPS, XPS, JPEG

PDF Extension: Searchable PDF (OCR) Option

Scan Speeds (mono/color, @300 dpi):
DP-7100: Simplex: 80 ipm B&W / 80 ipm Color; Duplex: 48 ipm B&W / 48 ipm Color
DP-7110: Simplex: 100 ipm B&W / 100 ipm Color; Duplex: 180 ipm B&W / 180 ipm Color

Connectivity / Supported Protocols: 10/100/1000BaseTX, TCP/IP, Hi-Speed USB 2.0

Scanning Functions: Scan to Folder (SMB), Scan to Email, Scan to FTP, Scan to FTP over SSL, Scan to USB, WSD Scan, TWAIN Scan

Original Size: Through DP: Statement to Ledger (5.5" x 8.5" – 11" x 17"); Glass: Up to 11" x 17"

Drivers: TWAIN/WIA Driver

COPY SPECIFICATIONS

Copy Resolution: 600 x 600 dpi

Image Mode: Text, Photo, Text/Photo, Graphic/Map

Continuous Copy: 1 – 999 / Auto Reset to 1

Additional Features: Auto Magnification, Auto Paper Select, Auto Start, Auto Drawer Change, Interrupt Copy, Positive / Negative Reverse, Mirror Image, Rotate Copy, Border Erase, Split Copy, Electronic Sort, Margin Shift, Page Number, Form Overlay, XY Zoom, Prevent Bleed Through, Text Stamp, Bates Stamp, Blank Page Skip

Job Management: 1,000 Department Codes, Job Programs, Job Build, Shortcut Keys, Repeat Copy

Color Adjustment: One Touch, Hue, Auto Exposure, Sharpness

Magnification / Zoom: Full Size, 4 Reduction, 4 Enlargement Preset Ratios, 25 – 400% in 1% Step Increments

Document Box: Custom Box, Job Box, Removable Memory Box, Fax Box (with optional Fax System)

OPTIONAL DOCUMENT PROCESSORS[2]

Type / Capacity:
DP-7100: Reversing Automatic Document Processor / 140 Sheets
DP-7110: Dual Scan Document Processor / 270 Sheets

Acceptable Originals: 5.5" x 8.5" – 11" x 17"

Acceptable Weights:
DP-7100: Simplex: 13 lb Bond – 90 lb Index (45 – 160gsm); Duplex: 16 lb – 32 lb Bond (50 – 120gsm)
DP-7110: Simplex: 13 lb Bond – 120 lb Index (35 – 220gsm); Duplex: 16 lb – 120 lb Index (50 – 220gsm)

OPTIONAL FAX SPECIFICATIONS

Fax Type: Fax System 12

Compatibility / Data Compression: G3 Fax / MMR, MR, MH, JBIG

Transmission Speed / Modem Speed: Less than 3 seconds / 33.6 Kbps

Fax Memory: Standard 170 MB

Driver: Network Fax Driver

Fax Functions: Network Fax, Broadcast, Duplex Transmission/Reception, Encrypted Transmission/Reception, Polling Transmission/Reception

OUTPUT & FINISHING OPTIONS

OPTIONAL 500 SHEET INTERNAL FINISHER DF-7100[3]

Stack / Staple Capacity: 500 Sheets / 50 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Front 1 Staple, Edge 1 Staple, Face 2 Staples

Optional Punch: PH-7100 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond – 166 lb Index (52 – 300gsm)

Dimensions: 19.60" W x 20.98" D x 6.73" H

OPTIONAL 1,000 SHEET FINISHER DF-7120[3,4]

Stack / Staple Capacity: Main Tray: 1,000 Sheets / 50 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind

Optional Punch: PH-7A 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond – 166 lb Index (52 – 300gsm)

Dimensions: 21.57" W x 24.35" D x 41.34" H

OPTIONAL 4,000 SHEET FINISHER DF-7110[3,4]

Stack / Staple Capacity: Main Tray (A): 4,000 Sheets; Sub Tray (B): 200 Sheets / 65 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind

Optional Punch: PH-7A 2 and 3 Hole Punch Unit, Supports 5.5" x 5.5" – 12" x 18"; 14 lb Bond –166 lb Index (52 – 300gsm)

Dimensions: 23.91" W x 26.32" D x 41.78" H

Optional Booklet Folder / Tri-fold Unit: BF-730 Booklet Folder supports 8.5" x 11", 8.5" x 14", 11" x 17"; Fold booklet staple: 16 lb – 24 lb Bond (60 – 90gsm) 16 sheets; 25 lb – 28 lb Bond (91 – 105gsm) 13 sheets; Fold booklet no staple: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 32 lb Bond – 110 lb Cover (121 – 256gsm) 1 sheet; Trifold supports 8.5" x 11" only: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 16 lb – 28 lb Bond (60 – 105gsm) 1 sheet

Optional Multi-Bin Mailbox[5]: MT-730(B) includes 7 Trays; Supports 16 lb Bond – 90 lb Index (60 – 163gsm); Stack Capacity per bin: 100 Sheets: 5.5" x 8.5", 8.5" x 11"; 50 Sheets: 8.5" x 14", 11" x 17"

ADDITIONAL OPTIONS

Bridge Unit Attachment Kit (**AK-7100**), Banner Guide 10, Internet Fax Kit (A), Card Authentication Kit (B), Gigabit NIC (**IB-50**), Wireless LAN IEEE802.11b/g/n (**IB-51**), ThinPrint (**UG-33**), Emulation (**UG-34**), Document Tray (**DT-7100**), Scan Extension Kit (A) for Searchable PDF/OCR, Keyboard Holder 10, Data Security Kit (E), Numeric Keypad (**NK-7110**), Job Separator (**JS-7100**)

[1] Requires PF-7100 or PF-7110
[2] Only 1 Document Processor can be installed
[3] Only 1 Output Option can be installed
[4] Requires Bridge Unit Attachment Kit (AK-7100)
[5] Requires DF-7110

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KYOCERA Document Solutions is a global leader in the digital imaging industry, with an award-winning line of document solutions that consistently set the standard for high performance, superior image quality, enhanced workflow applications, ease-of-use and durability.

Looking to streamline your document workflow? KYOCERA offers a robust portfolio of Business Applications that seamlessly and securely integrate with our MFPs. To learn more about which Business Applications are right for your business, visit the Solutions section on our website.

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TASKalfa

› PRINT › COPY › SCAN › FAX

TASKalfa 5052ci

COLOR MULTIFUNCTIONAL SYSTEM

POWERFUL COLOR PERFORMANCE... CONNECTING INFORMATION AND WORKFLOW.

The advanced TASKalfa 5052ci is a versatile, Color MFP that is ideal for workgroups that require intuitive Color and Black and White print, scan, and copy capabilities. As a flexible digital imaging hub, the TASKalfa 5052ci streamlines business processes, for greater enterprise-wide productivity. From the wide array of innovative features to professional finishing options and leading-edge business applications, the TASKalfa 5052ci delivers powerful performance, exceptional usability and proven durability.

- Vivid Color and Black and White Imaging up to 50 Pages per Minute
- Exceptional Print Quality at up to 1200 dpi
- Scalable Paper Capacity for Longer Job Runs
- Flexible Media Support and Paper Sizes up to 12" x 48"
- Customizable 9" Color Touch Screen with Intuitive, Tablet-like Home Screen
- Robust Portfolio of Business Applications for Enhanced Capabilities, such as Scan Distribution to Back-end Applications and Document Management Systems
- Advanced Finishing Options for Professional Output, including a 4,000-sheet External Finisher and Booklet Folding
- Optional EFI® Fiery Controller for Complex Color Workflows
- Standard USB Host Interface for On-the-Go Printing and Scanning
- Efficient Color Scanning up to 180 ipm
- Convenient Wireless Printing and Scanning
- Apple AirPrint®, Google Cloud Print™ and KYOCERA Mobile Print Compatible for a Mobile Printing Solution

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TASKalfa 5052ci

BASIC SPECIFICATIONS

Configuration: Color Multifunctional System – Print/Scan/Copy/Optional Fax

Pages Per Minute:
Color and Black – Letter: 50 ppm, Legal: 30 ppm, Ledger: 25 ppm, 12" x 18": 25 ppm (print only)

Warm Up Time: 17 Seconds or Less (Power On)

First Page Out:
Copy: 3.7 Seconds or Less Black, 4.8 Seconds or Less Color
Print: 4.3 Seconds or Less Black, 5.4 Seconds or Less Color

Display: 9" Color Touch Screen Control Panel

Resolution: 600 x 600 dpi; 9600 dpi x 600 dpi; 1200 x 1200 dpi

Memory / Hard Disk Drive: 4GB RAM / 8GB SSD / 320GB HDD Standard

Duplex: Standard Stackless Duplex Supports Statement to 12" x 18", 14 lb Bond – 166 lb Index (52 – 300gsm)

Standard Output Tray: Statement – 12" x 18" / 500 sheets; up to 12" x 48" Banner (Single Sheet)

Electrical Requirements: 120V, 60Hz, 12A; 220-240V, 50Hz, 7.2A

Typical Electricity Consumption (TEC): 120V: 2.5 kWh/week; 220V: 2.5 kWh/week

Dimensions: 23.70" W x 26.18" D x 31.10" H

Weight: 202.83 lbs

Maximum Monthly Duty Cycle: 225,000 Pages per Month

PAPER SUPPLY

Standard Paper Sources: Dual 500 Sheet Trays, 150 Sheet MPT, Auto Selection / Switching

Optional Paper Sources: Dual 500 Sheet Trays **(PF-7100)**, Dual 1,500-sheet Trays **(PF-7110)**; Side LCT: 3,000 Sheet Capacity Tray **(PF-7120)**[1]

Paper Capacity: Standard: 1,150 Sheets; Maximum: 7,150 Sheets

Paper Size:
Tray 1 – 5.5" x 8.5" – 8.5" x 14" (Statement to Legal); Tray 2 – 5.5" x 8.5" – 12" x 18", Custom Size; **PF-7100:** 5.5" x 8.5" – 12" x 18"; **PF-7110, PF-7120:** 8.5" x 11"; **MPT:** 5.5" x 8.5" – 12" x 18" (Multiple Sheets); Up to 12" x 48" Banner (Single Sheet)

Paper Weight: Trays / MPT: 14 lb Bond – 166 lb Index (52 – 300gsm)

Input Materials: Standard/Optional Drawer: Plain Paper, Bond Paper, Recycled Paper, Envelopes; MPT: Plain Paper, Bond Paper, Recycled Paper, Cardstock, Transparencies, Labels, Envelopes

SECURITY SPECIFICATIONS

Standard: Local Authentication, Network Authentication (IPsec, HTTPS, LDAP over SSL, SNMPv3); Secure Print (IPP over SSL); Scan to Email (POP3/SMTP over SSL); Scan to FTP (FTP over SSL); Scan to SMB/PC/USB; FTP over SSL

Optional: Data Security Kit (E): HDD Overwrite Mode, HDD Data Encryption

PRINT SPECIFICATION

Standard Controller: Freescale QorIQ T1024 (Dual Core) / 1.2GHz

PDLs / Emulations: PRESCRIBE, PCL6 (PCL-XL / PCL5c), KPDL3 (PS3), XPS, OPEN XPS; Optional (UG-34): IBM ProPrinter, Line Printer, LQ-850

Print Resolution: Up to 1200 x 1200 dpi

Fonts: 136 KPDL3, 93 PCL6, 8 Windows Vista, 1 Bitmap

OS Compatibility: Windows: XP/Vista/7/8/8.1/10/Server 2003/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2; Novell NetWare 3.x/4.x/5.x/6.x; Mac OS 10.x; AirPrint Enabled; Sun OS 4.1.x; Solaris 2.x; AIX; HP-UX (LPR)

Mobile Printing: Apple AirPrint®, Google Cloud Print™, KYOCERA Mobile Print

Interfaces: Standard: 10/100/1000BaseTX, Hi-Speed USB 2.0, 4 USB Host Interfaces, 2 Expansion Slots

Optional: 10/100/1000BaseTX (**IB-50** for Dual NIC), IEEE 802.11 b/g/n (**IB-51** for Wireless LAN Interface)

Network Print and Supported Protocols: TCP/IP, NetBEUI, IPv4, IPv6, IPsec, HTTP, LPD, FTP, IPP, RawPort, LLTD, SNTP, DHCP, SMTP, POP3, DNS, SNMPv1/v2, WSD Scan/Print

Drivers: KX Driver, PCL Mini Driver, KPDL Mini Driver, KX Driver for XPS, Network Fax Driver, TWAIN Driver, WIA Driver, PPD for MAC, PPD for Linux

Utilities: KYOCERA Net Admin, KYOCERA Net Viewer, PDF Direct Print, Command Center RX

SCAN SPECIFICATIONS

Scan Type: Color and Black & White Scanner

Scan Resolution: 600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi

File Formats: TIFF (MMR compression), PDF (MMR compression), PDF (high compression), OpenXPS, XPS, JPEG

PDF Extension: Searchable PDF (OCR) Option

Scan Speeds (mono/color, @300 dpi):
DP-7100: Simplex: 80 ipm B&W / 80 ipm Color; Duplex: 48 ipm B&W / 48 ipm Color
DP-7110: Simplex: 100 ipm BW / 100 ipm Color; Duplex: 180 ipm B&W / 180 ipm Color

Connectivity / Supported Protocols: 10/100/1000BaseTX, TCP/IP, Hi-Speed USB 2.0

Scanning Functions: Scan to Folder (SMB), Scan to Email, Scan to FTP, Scan to FTP over SSL, Scan to USB, WSD Scan, TWAIN Scan

Original Size: Through DP: Statement to Ledger (5.5" x 8.5" – 11" x 17"); Glass: Up to 11" x 17"

Drivers: TWAIN/WIA Driver

COPY SPECIFICATIONS

Copy Resolution: 600 x 600 dpi

Image Mode: Text, Photo, Text/Photo, Graphic/Map

Continuous Copy: 1 – 999 / Auto Reset to 1

Additional Features: Auto Magnification, Auto Paper Select, Auto Start, Auto Drawer Change, Interrupt Copy, Positive / Negative Reverse, Mirror Image, Rotate Copy, Border Erase, Split Copy, Electronic Sort, Margin Shift, Page Number, Form Overlay, XY Zoom, Prevent Bleed Through, Text Stamp, Bates Stamp, Blank Page Skip

Job Management: 1,000 Department Codes, Job Programs, Job Build, Shortcut Keys, Repeat Copy

Color Adjustment: One Touch, Hue, Auto Exposure, Sharpness

Magnification / Zoom: Full Size, 4 Reduction, 4 Enlargement Preset Ratios, 25 – 400% in 1% Step Increments

Document Box: Custom Box, Job Box, Removable Memory Box, Fax Box (with optional Fax System)

OPTIONAL DOCUMENT PROCESSORS[2]

Type / Capacity:
DP-7100: Reversing Automatic Document Processor / 140 Sheets
DP-7110: Dual Scan Document Processor / 270 Sheets

Acceptable Originals: 5.5" x 8.5" – 11" x 17"

Acceptable Weights:
DP-7100: Simplex: 13 lb Bond – 90 lb Index (45 – 160gsm); Duplex: 16 lb – 32 lb Bond (50 – 120gsm)
DP-7110: Simplex: 13 lb Bond – 120 lb Index (35 – 220gsm); Duplex: 16 lb – 120 lb Index (50 – 220gsm)

OPTIONAL FAX SPECIFICATIONS

Fax Type: Fax System 12

Compatibility / Data Compression: G3 Fax / MMR, MR, MH, JBIG

Transmission Speed / Modem Speed: Less than 3 seconds / 33.6 Kbps

Fax Memory: Standard 170 MB

Driver: Network Fax Driver

Fax Functions: Network Fax, Duplex Transmission and Reception, Encrypted Transmission and Reception, Polling Transmission and Reception, Broadcast

OUTPUT & FINISHING OPTIONS

OPTIONAL 500 SHEET INTERNAL FINISHER DF-7100[3]

Stack / Staple Capacity: 500 Sheets / 50 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Front 1 Staple, Edge 1 Staple, Face 2 Staples

Optional Punch: PH-7100 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond – 166 lb Index (52 – 300gsm)

Dimensions: 19.60" W x 20.98" D x 6.73" H

OPTIONAL 1,000 SHEET FINISHER DF-7120[3,4]

Stack / Staple Capacity: Main Tray: 1,000 Sheets / 50 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind

Optional Punch: PH-7A 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond – 166 lb Index (52 – 300gsm)

Dimensions: 21.57" W x 24.35" D x 41.34" H

OPTIONAL 4,000 SHEET FINISHER DF-7110[3,4]

Stack / Staple Capacity: Main Tray (A): 4,000 Sheets; Sub Tray (B): 200 Sheets / 65 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind

Optional Punch: PH-7A 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond –166 lb Index (52 – 300gsm)

Dimensions: 23.91" W x 26.32" D x 41.78" H

Optional Booklet Folder / Tri-fold Unit[5]: BF-730 Booklet Folder supports 8.5" x 11", 8.5" x 14", 11" x 17"; Fold booklet staple: 16 lb – 24 lb Bond (60 – 90gsm) 16 sheets; 25 lb – 28 lb Bond (91 – 105gsm) 13 sheets; Fold booklet no staple: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 32 lb Bond – 110 lb Cover (121 – 256gsm) 1 sheet; Trifold supports 8.5" x 11" only: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 16 lb – 28 lb Bond (60 – 105gsm) 1 sheet

Optional Multi-Bin Mailbox[5]: MT-730(B) includes 7 Trays; Supports 16 lb Bond – 90 lb Index (60 – 163gsm); Stack Capacity per bin: 100 Sheets: 5.5" x 8.5", 8.5" x 11"; 50 Sheets: 8.5" x 14", 11" x 17"

ADDITIONAL OPTIONS

Bridge Unit Attachment Kit (**AK-7100**), Banner Guide 10, Internet Fax Kit (A), Card Authentication Kit (B), Gigabit NIC (**IB-50**), Wireless LAN IEEE802.11b/g/n (**IB-51**), ThinPrint (**UG-33**), Emulation (**UG-34**), Document Tray (**DT-7100**), Scan Extension Kit (A) for Searchable PDF/OCR, Keyboard Holder 10, Data Security Kit (E), EFI Fiery Printing System, Numeric Keypad (**NK-7110**), Job Separator (**JS-7100**)

[1] Requires PF-7100 or PF-7110
[2] Only 1 Document Processor can be installed
[3] Only 1 Output Option can be installed
[4] Requires Bridge Unit Attachment Kit (AK-7100)
[5] Requires DF-7110

ONLY FROM KYOCERA

KYOCERA Document Solutions is a global leader in the digital imaging industry, with an award-winning line of document solutions that consistently set the standard for high performance, superior image quality, enhanced workflow applications, ease-of-use and durability.

Looking to streamline your document workflow? KYOCERA offers a robust portfolio of Business Applications that seamlessly and securely integrate with our MFPs. To learn more about which Business Applications are right for your business, visit the Solutions section on our website.

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TASKalfa

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TASKalfa 5002i

BLACK & WHITE
MULTIFUNCTIONAL SYSTEM

POWERFUL PERFORMANCE... CONNECTING INFORMATION AND WORKFLOW.

With an uncompromising feature set, the versatile TASKalfa 5002i is a powerful Black and White MFP that streamlines business-critical print, copy, and color scan tasks. From intuitive walk-up operation to flexible desktop control, the TASKalfa 5002i improves the way you manage information across your enterprise. This powerful platform enables users to quickly and efficiently produce hardcopy documents and digital files with fast throughput and scanning speeds. To further automate workflow, the TASKalfa 5002i can be equipped with added paper capacity and finishing, for maximum productivity and minimum job turnaround time. Integrated business applications can further enhance capabilities, and keep information moving at the speed of your business.

- Crisp Black and White Output up to 50 Pages per Minute
- Exceptional Print Quality at up to 1200 dpi
- Scalable Paper Capacity for Longer Job Runs
- Flexible Media Support and Paper Sizes up to 12" x 48"
- Customizable 9" Color Touch Screen with Intuitive, Tablet-like Home Screen
- Robust Portfolio of Business Applications for Enhanced Capabilities, such as Scan Distribution to Back-end Applications and Document Management Systems
- Advanced Finishing Options for Professional Output, including a 1,000-sheet External Finisher
- Standard USB Host Interface for On-the-Go Printing and Scanning
- Efficient Color Scanning up to 180 ipm
- Convenient Wireless Printing and Scanning
- Apple AirPrint®, Google Cloud Print™ and KYOCERA Mobile Print Compatible for a Mobile Printing Solution

KYOCERA
Document Solutions

TASKalfa 5002i

BASIC SPECIFICATIONS

Configuration: Black & White Multifunctional System – Print/Scan/Copy/Optional Fax

Pages Per Minute: Letter: 50 ppm, Legal: 30 ppm, Ledger: 25 ppm, 12" x 18": 25 ppm (print only)

Warm Up Time: 17 Seconds or Less (Power On)

First Page Out:
Copy: 3.7 Seconds or Less
Print: 4.3 Seconds or Less

Display: 9" Color Touch Screen Control Panel

Resolution / Bit Depth: 600 x 600 dpi; 9600 dpi x 600 dpi; 1200 x 1200 dpi

Memory / Hard Disk Drive: 4GB RAM / 8GB SSD / 320GB HDD Standard

Duplex: Standard Stackless Duplex Supports Statement to 12" x 18", 14 lb Bond – 166 lb Index (52 – 300gsm)

Standard Output Tray: Statement – 12" x 18" / 500 sheets; up to 12" x 48" Banner (Single Sheet)

Electrical Requirements: 120V, 60Hz, 12A; 220-240V, 50Hz, 7.2A

Typical Electricity Consumption (TEC): 120V: 2.4 kWh/week; 220V: 2.4 kWh/week

Dimensions: 23.70" W x 26.18" D x 31.10" H

Weight: 180.78 lbs

Maximum Monthly Duty Cycle: 225,000 Pages per Month

PAPER SUPPLY

Standard Paper Sources: Dual 500 Sheet Trays, 150 Sheet MPT, Auto Selection/Switching

Optional Paper Sources: Dual 500 Sheet Trays (**PF-7100**), Dual 1,500 Sheet Trays (**PF-7110**); Side LCT: 3,000 Sheet Capacity Tray (**PF-7120**)[1]

Paper Capacity: Standard: 1,150 Sheets; Maximum: 7,150 Sheets

Paper Size:
Tray 1 – 5.5" x 8.5" – 8.5" x 14" (Statement to Legal); Tray 2 – 5.5" x 8.5" – 12" x 18", Custom Size; **PF-7100:** 5.5" x 8.5" – 12" x 18"; **PF-7110, PF-7120:** 8.5" x 11"; **MPT:** 5.5" x 8.5" – 12" x 18" (Multiple Sheets); Up to 12" x 48" Banner (Single Sheet)

Paper Weight: Trays / MPT: 14 lb Bond – 166 lb Index (52 – 300gsm)

Input Materials: Standard/Optional Drawer: Plain Paper, Bond Paper, Recycled Paper, Envelopes; MPT: Plain Paper, Bond Paper, Recycled Paper, Cardstock, Transparencies, Labels, Envelopes

SECURITY SPECIFICATIONS

Standard: Local Authentication, Network Authentication (IPsec, HTTPS, LDAP over SSL, SNMPv3); Secure Print (IPP over SSL); Scan to Email (POP3/SMTP over SSL); Scan to FTP (FTP over SSL); Scan to SMB/PC/USB; FTP over SSL

Optional: Data Security Kit (E): HDD Overwrite Mode, HDD Data Encryption

PRINT SPECIFICATION

Standard Controller: Freescale QorIQ T1024 (Dual Core) / 1.2GHz

PDLs / Emulations: PRESCRIBE, PCL6 (PCL-XL / PCL5), KPDL3 (PS3), XPS, OPEN XPS; Optional (UG-34): IBM ProPrinter, Line Printer, LQ-850

Print Resolution: Up to 1200 x 1200 dpi

Fonts: 136 KPDL3, 93 PCL6, 8 Windows Vista, 1 Bitmap

OS Compatibility: Windows: XP/Vista/7/8/8.1/10/Server 2003/Server 2008/Server 2008 R2/Server 2012/Server 2012 R2; Novell NetWare 3.x/4.x/5.x/6.x; Mac OS 10.x; AirPrint Enabled; Sun OS 4.1.x; Solaris 2.x; AIX; HP-UX (LPR)

Mobile Printing: Apple AirPrint®, Google Cloud Print™, KYOCERA Mobile Print

Interfaces: Standard: 10/100/1000BaseTX, Hi-Speed USB 2.0, 4 USB Host Interfaces, 2 Expansion Slots

Optional: 10/100/1000BaseTX (**IB-50** for Dual NIC), IEEE 802.11 b/g/n (**IB-51** for Wireless LAN Interface)

Network Print and Supported Protocols: TCP/IP, NetBEUI, IPv4, IPv6, IPsec, HTTP, LPD, FTP, IPP, RawPort, LLTD, SNTP, DHCP, SMTP, POP3, DNS, SNMPv1/v2, WSD Scan/Print

Drivers: KX Driver, PCL Mini Driver, KPDL Mini Driver, KX Driver for XPS, Network Fax Driver, TWAIN Driver, WIA Driver, PPD for MAC, PPD for Linux

Utilities: KYOCERA Net Admin, KYOCERA Net Viewer, PDF Direct Print, Command Center RX

SCAN SPECIFICATIONS

Scan Type: Color and Black & White Scanner

Scan Resolution: 600 dpi, 400 dpi, 300 dpi, 200 dpi, 200 x 100 dpi, 200 x 400 dpi

File Formats: TIFF (MMR compression), PDF (MMR compression), PDF (high compression), OpenXPS, XPS, JPEG

PDF Extension: Searchable PDF (OCR) Option

Scan Speeds (mono/color, @300 dpi):
DP-7100: Simplex: 80 ipm B&W / 80 ipm Color; Duplex: 48 ipm B&W / 48 ipm Color
DP-7110: Simplex: 100 ipm B&W / 100 ipm Color; Duplex: 180 ipm B&W / 180 ipm Color

Connectivity / Supported Protocols: 10/100/1000BaseTX, TCP/IP, Hi-Speed USB 2.0

Scanning Functions: Scan to Folder (SMB), Scan to Email, Scan to FTP, Scan to FTP over SSL, Scan to USB, WSD Scan, TWAIN Scan

Original Size: Through DP: Statement to Ledger (5.5" x 8.5" – 11" x 17"); Glass: Up to 11" x 17"

Drivers: TWAIN/WIA Driver

COPY SPECIFICATIONS

Copy Resolution: 600 x 600 dpi

Image Mode: Text, Photo, Text/Photo, Graphic/Map

Continuous Copy: 1 – 999 / Auto Reset to 1

Additional Features: Auto Magnification, Auto Paper Select, Auto Start, Auto Drawer Change, Interrupt Copy, Positive / Negative Reverse, Mirror Image, Rotate Copy, Border Erase, Split Copy, Electronic Sort, Margin Shift, Page Number, Form Overlay, XY Zoom, Prevent Bleed Through, Text Stamp, Bates Stamp, Blank Page Skip

Job Management: 1,000 Department Codes, Job Programs, Job Build, Shortcut Keys, Repeat Copy

Color Adjustment: One Touch, Hue, Auto Exposure, Sharpness
Magnification / Zoom: Full Size, 4 Reduction, 4 Enlargement Preset Ratios, 25 – 400% in 1% Step Increments

Document Box: Custom Box, Job Box, Removable Memory Box, Fax Box (with optional Fax System)

OPTIONAL DOCUMENT PROCESSORS[2]

Type / Capacity:
DP-7100: Reversing Automatic Document Processor / 140 Sheets
DP-7110: Dual Scan Document Processor / 270 Sheets

Acceptable Originals: 5.5" x 8.5" – 11" x 17"

Acceptable Weights:
DP-7100: Simplex: 13 lb Bond – 90 lb Index (45 – 160gsm); Duplex: 16 lb – 32 lb Bond (50 – 120gsm)
DP-7110: Simplex: 13 lb Bond – 120 lb Index (35 – 220gsm); Duplex: 16 lb – 120 lb Index (50 – 220gsm)

OPTIONAL FAX SPECIFICATIONS

Fax Type: Fax System 12

Compatibility / Data Compression: G3 Fax / MMR, MR, MH, JBIG

Transmission Speed / Modem Speed: Less than 3 seconds / 33.6 Kbps

Fax Memory: Standard 170 MB

Driver: Network Fax Driver

Fax Functions: Network Fax, Broadcast, Duplex Transmission/Reception, Encrypted Transmission/Reception, Polling Transmission/Reception

OUTPUT & FINISHING OPTIONS

OPTIONAL 500 SHEET INTERNAL FINISHER DF-7100[3]

Stack / Staple Capacity: 500 Sheets / 50 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Front 1 Staple, Edge 1 Staple, Face 2 Staples

Optional Punch: PH-7100 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond – 166 lb Index (52 – 300gsm)

Dimensions: 19.60" W x 20.98" D x 6.73" H

OPTIONAL 1,000 SHEET FINISHER DF-7120[3,4]

Stack / Staple Capacity: Main Tray: 1,000 Sheets / 50 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind

Optional Punch: PH-7A 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond – 166 lb Index (52 – 300gsm)

Dimensions: 21.57" W x 24.35" D x 41.34" H

OPTIONAL 4,000 SHEET FINISHER DF-7110[3,4]

Stack / Staple Capacity: Main Tray (A): 4,000 Sheets; Sub Tray (B): 200 Sheets / 65 Sheets (up to 24 lb Bond [90gsm])

Paper Size: 5.5" x 8.5" – 12" x 18"

Paper Weight: 14 lb Bond – 166 lb Index (52 – 300gsm)

Edge Staple Position: 3 Positions: Top Left, Bottom Left, Center Bind

Optional Punch: PH-7A 2 and 3 Hole Punch Unit, Supports 5.5" x 8.5" – 12" x 18"; 14 lb Bond –166 lb Index (52 – 300gsm)

Dimensions: 23.91" W x 26.32" D x 41.78" H

Optional Booklet Folder / Tri-fold Unit[5]: BF-730 Booklet Folder supports 8.5" x 11", 8.5" x 14", 11" x 17"; Fold booklet staple: 16 lb – 24 lb Bond (60 – 90gsm) 16 sheets; 25 lb – 28 lb Bond (91 – 105gsm) 13 sheets; Fold booklet no staple: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 32 lb Bond – 110 lb Cover (121 – 256gsm) 1 sheet; Trifold supports 8.5" x 11" only: 16 lb – 24 lb Bond (60 – 90gsm) 5 sheets; 25 lb Bond – 72 lb Index (91 – 120gsm) 3 sheets; 16 lb – 28 lb Bond (60 – 105gsm) 1 sheet

Optional Multi-Bin Mailbox[5]: MT-730(B) includes 7 Trays; Supports 16 lb Bond – 90 lb Index (60 – 163gsm); Stack Capacity per bin: 100 Sheets: 5.5" x 8.5", 8.5" x 11"; 50 Sheets: 8.5" x 14", 11" x 17"

ADDITIONAL OPTIONS

Bridge Unit Attachment Kit (**AK-7100**), Banner Guide 10, Internet Fax Kit (**A**), Card Authentication Kit (B), Gigabit NIC (**IB-50**), Wireless LAN IEEE802.11b/g/n (**IB-51**), ThinPrint (**UG-33**), Emulation (**UG-34**), Document Tray (**DT-7100**), Scan Extension Kit (A) for Searchable PDF/OCR, Keyboard Holder 10, Data Security Kit (E), Numeric Keypad (**NK-7110**), Job Separator (**JS-7100**)

[1] Requires PF-7100 or PF-7110
[2] Only 1 Document Processor can be installed
[3] Only 1 Output Option can be installed
[4] Requires Bridge Unit Attachment Kit (AK-7100)
[5] Requires DF-7110

ONLY FROM KYOCERA

KYOCERA Document Solutions is a global leader in the digital imaging industry, with an award-winning line of document solutions that consistently set the standard for high performance, superior image quality, enhanced workflow applications, ease-of-use and durability.

Looking to streamline your document workflow? KYOCERA offers a robust portfolio of Business Applications that seamlessly and securely integrate with our MFPs. To learn more about which Business Applications are right for your business, visit the Solutions section on our website.

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for the performance of the

KYOCERA TASKalfa 5052ci

in BLI's in-house durability test

GERRY STOIA, CEO

MAY 2017

DATE

This is to certify that when subjected to a 225,000-impression and 22,500-scan Buyers Lab durability test, the KYOCERA TASKalfa 5052ci proved to be a Highly Reliable product.

BUYERS LABORATORY

THE LEADING INDEPENDENT OFFICE PRODUCTS TEST LAB AND BUSINESS CONSUMER ADVOCATE

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for the performance of the

KYOCERA TASKalfa 5052ci

in BLI's in-house durability test

GERRY STOIA, CEO

MAY 2017

DATE

This is to certify that the KYOCERA TASKalfa 5052ci has successfully completed Buyers Laboratory's tests and has received BLI's "Highly Recommended" rating and seal of approval.

BUYERS LABORATORY

THE LEADING INDEPENDENT OFFICE PRODUCTS TEST LAB AND BUSINESS CONSUMER ADVOCATE

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ECO footPRINT™
TONER RECYCLING PROGRAM

What You Need to Know to Get Started

Thank you for participating in Kyocera's **ECO footPRINT™ Toner Recycling Program**. This letter will explain how the program works and the simple steps you need to take to get your customers started.

LOG IN	Log into **KDACentral/CopystarCentral**, navigate to **Business Builders** and the **ECO footPRINT Toner Recycling Program** page. Log into your ECO footPRINT account, using the Customer ID and zip code for your associated ship-to address.
ORDER	Under the **Orders** tab, select **Place Order** and select the number of kits you would like. There are 3 boxes per kit. You may request up to 5 kits per order, and 15 kits per month. Send single boxes to customers with fewer devices, or provide several to customers with multiple locations.
ADD CUSTOMER NAME	Fill in the Customer Name fields when ordering your kits, and you'll be able to track how much they are recycling in the **Reports** section of your account.
CUSTOMIZE	In **KDACentral/CopystarCentral**, navigate to **Business Builders**, then the **Customizable Collateral (Connections)** page, where you'll find a customizable instruction letter for you to include with the box kits for your customers. You can easily add your logo and contact information, as well as your customer's name for a personal touch.
DELIVER	Get some face-time with your customers and drop off the ECO footPRINT toner recyling boxes in person. Help your customer assemble the box and place it in an accessible location.
SHOW OFF	Feel free to snap a selfie with the box and your eco-friendly customer while you're there! Send it to **kdaecofootprint@da.kyocera.com**, and you might be featured in a dealer shout-out on Kyocera's Facebook and/or LinkedIn pages.

WHERE IT ALL GOES

It might be easier to say where it doesn't go... to the landfill. That's right. 100% of every recycled Kyocera toner container is transformed into useful objects that serve a necessary function. Our partners at Close the Loop are able to repurpose the materials into items like pens, park benches, and even asphalt!

TRACK THE PROCESS

Interested in who's recycling and how often? Make sure you fill in the optional field for your customer's name for each box when ordering your kits. This allows Close the Loop to track and share their recycling activities with you, so you can congratulate customers on what a great job they're doing! Check the activity by going to the Reports section of your account.

That's it! Your customers now have a simple way of recycling, at no cost to them, or to you! It's our way of saying thank you for helping us uphold a fundamental Kyocera commitment to working in harmony with our environment.

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Questions? Check out our Frequently Asked Questions on the **ECO footPRINT portal** or contact our help hotline at **1-833-353-2326 (833-3KDAECO)**

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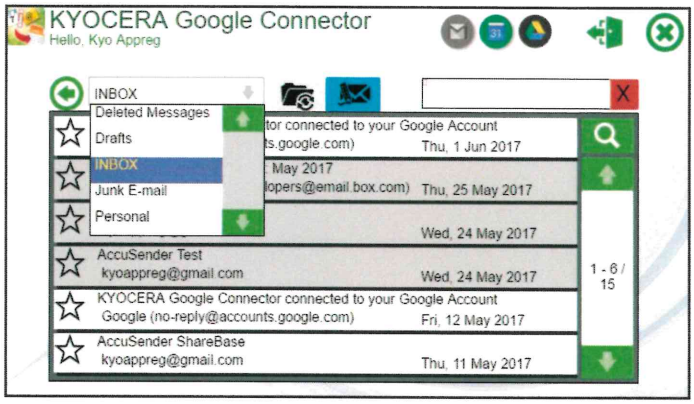
KYOCERA
GOOGLE
CONNECTOR

SEAMLESS, INTEGRATED ACCESS.

ACCESS YOUR GOOGLE ACCOUNT DIRECTLY FROM YOUR KYOCERA MFP.



KYOCERA GOOGLE CONNECTOR SEAMLESSLY ENABLES USERS TO VIEW AND SCAN GMAIL AND GOOGLE FOLDERS RIGHT FROM THE MFP.

The increased mobility of today's workforce has made it imperative that users be able to quickly retrieve their information when and where it is needed. The KYOCERA Google Connector app brings this essential capability to the MFP. Now you can easily search for and print Google attachments and Google Calendars™ directly from any HyPAS-enabled MFP. When utilizing the new Quick Navigation Menu, users can view and scan to any Google Drive™ folder on the fly, making this solution as seamless as it gets.

Google has become synonymous with internet communication for many businesses. Google Services are highly sought after for their convenience, cost effectiveness, and easy integration - making them the go-to platforms for collaboration and cloud solutions. With the KYOCERA Google Connector app, your business can be productive by bringing Google access directly to your Kyocera MFPs.

HOW IT WORKS

- Login securely with your username and password or with the convenience of an HID card swipe
- Access your Google Drive, Gmail™, or Calendar accounts through the MFP's interactive screen
- Easily scan-to or print-from Drive, send or print emails from Gmail, as well as view or print your Calendar

Kyocera is a leader in leveraging new technologies as they relate to its customers' evolving document workflow needs. KYOCERA Google Connector is one more way we are transcending the traditional role of the MFP to reflect the ability for integrated workflow at the devices and with the services you use every day.

NEW FEATURES DIRECTLY FROM THE MFP

- User-friendly Quick Navigation Menu
- Access Google Contacts
- Create, scan-to and print-from Folders
- Single Account Mode allows multiple users to access one Google account
- Print daily, weekly, monthly, or custom range Calendars
- View print files prior to printing
- Full single sign-on experience

For the latest on connectivity visit usa.kyoceradocumentsolutions.com
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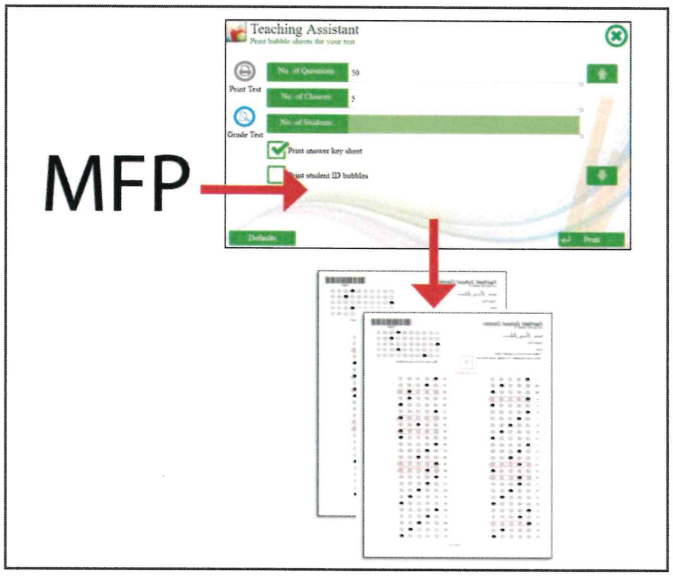
TEACHING ASSISTANT™

STREAMLINE CLASSROOM WORKFLOW AND BOOST STUDENT ACHIEVEMENT.

SIMPLIFY PRINTING, COLLECTING AND ANALYZING MULTIPLE-CHOICE TESTS.



TEACHING ASSISTANT USES ECONOMICAL PLAIN PAPER TO GENERATE BUBBLE SHEETS, MAKING BUYING AND STOCKING EXPENSIVE, PRE-PRINTED SHEETS A THING OF THE PAST.

Educators are under continuous pressure to find new and innovative ways to improve student achievement while reducing cost. These initiatives are not unique to school districts. Every enterprise, from public and private schools to large corporations, must become more efficient. To assist in these mission critical initiatives KYOCERA has developed Teaching Assistant, a business application, powered by HyPAS, that transforms your KYOCERA MFP into an on-demand test creation, grading and analysis hub.

Specifically, Teaching Assistant simplifies the task of printing, collecting and analyzing multiple-choice test results using popular bubble-sheet forms. With Teaching Assistant, the MFP does the work allowing educators to concentrate on the students themselves, instead of the time-consuming, error-prone process of manual test grading. Designed as an embedded application that runs on the MFP, Teaching Assistant does not require network resources or IT support because there is no server software to install or PC to connect. Everything is managed directly from the MFP touch screen. Teachers and support staff enjoy intuitive walk-up access, where an unlimited number of bubble sheet forms are printed. After the forms are completed by the students, and scanned by Teaching Assistant, test scores and associated reports are immediately available; there's no wait! Comprehensive analytics are available as printed files, PDFs and CSVs for import to Microsoft Excel. You can even drill down to the 10 easiest and 10 most difficult questions, enabling educators to identify potential weaknesses, and gear classroom instruction accordingly.

Teaching Assistant is an embedded application for select KYOCERA MFPs that simplifies the task of creating, printing, collecting and analyzing multiple-choice test results using popular bubble-sheet forms. Tests can be created on-the-fly.

- Teachers have immediate access to test results
- By automating test workflow, teachers can spend more time with their students
- Routing test results to e-mail saves paper, toner and energy
- Test reports are accurate; human error is virtually non-existent

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KYOCERA TEACHING ASSISTANT™

HYPAS

KYOCERA's HyPAS (Hybrid Platform for Advanced Solutions) is a powerful and scalable software solution platform. Through direct enhancement of the MFP's core capabilities, to the integration with widely accepted software applications, HyPAS will enhance your specific document imaging needs, resulting in improved information sharing, resource optimization and document workflows.

Print answer sheets directly from the MFP panel. Test sheets are scanned into the application for grading. Users can also print and forward test scores and reports directly to an e-mail address – reducing paper, toner and energy consumption.

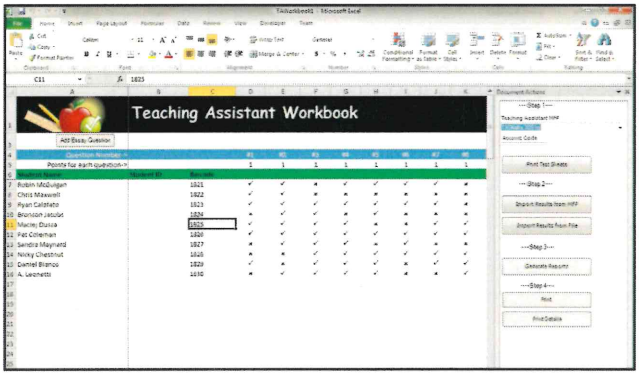
HOW IT WORKS

Creating a Test:
To open Teaching Assistant, the user selects the [Application] key on the device's control panel. The [Print Test] button is pressed to enable entry of student ID bubbles, the number of questions, choices and students. T he green [Start] button initiates printing of the custom bubble sheets and an answer key. If using the Microsoft Excel template, the user can print test sheets with student names pre-populated. The tests and sheets are distributed to the students, who answer each multiple-choice question by shading the appropriate bubble on the form.

Grading Completed Tests:
The completed bubble sheets and completed answer key are placed in the device's document feeder. The Teaching Assistant application is opened again, only now the [Grade Test] button is selected.

Teaching Assistant scans the sheets, scores each student and prepares a series of analytical and graphical PDF or CSV reports, with a choice to print, save to USB flash drive or e-mail the results. For added flexibility, the Teaching Assistant MS Excel template integration provides the ability to modify grading, add extra credit grades – even essay question scores are available! As added benefits, Teaching Assistant offers MS Excel integration, the ability to include essay questions, and capability of printing test sheets with student names. Detailed test data for each question brings additional functionality. To protect student confidentiality, all data related to the test is automatically cleared from the device after the user exits Teaching Assistant.

A turnkey solution to benchmark student performance, Teaching Assistant helps prepare students to meet local school and state-mandated goals. Beyond the K-12 classroom, Teaching Assistant is also a valuable tool for organizations that conduct virtually any internal or external training programs. Ideal for all educators and trainers, Teaching Assistant reduces the paperwork burden that otherwise distracts from the core mission – preparing our leaders of tomorrow.



Teaching Assistant's Microsoft Excel integration provides advanced grading capability and comprehensive analytics

TEACHING ASSISTANT BENEFITS

- Bubble sheets and answer key print on plain paper, eliminating the need for special media and scanning systems, lowering costs across the board
- Summary and Detail reports, including bar graphs, histograms and test statistics provide instructors with at-a-glance feedback on how students fared
- Productivity soars when time is no longer spent manually grading tests
- Tests can be created on demand. If select students are struggling in a particular subject area, teachers can create a test to fill specific learning gaps
- MS Excel integration, for advanced grading flexibility and the ability to print test sheets with student names
- Detailed test data for each question

SYSTEM REQUIREMENTS

- Requires 2 available application slots on the MFP
- Export results to e-mail, CSV file, or PDF
- Device based application, network connectivity required for Microsoft® Excel integration only
- Microsoft Excel 2010 or higher

For the latest on connectivity visit www.kyoceradocumentsolutions.com/us
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TIERED COLOR TECHNOLOGY

BRING AFFORDABLE COLOR PRINTING TO YOUR OFFICE

THE KYOCERA TIERED COLOR SYSTEM ADVANTAGE

Are cost concerns holding you back from color printing?

Kyocera's unique Tiered Color System is the solution you've been looking for!

Only pay for the color you use.

- Works seamlessly with Kyocera color MFPs and printers, offering excellent color quality within your budget.
- Print impactful documents with a splash of color or vibrant full coverage to get your message across at a lower cost per page, based on tiered billing.
- Reduce the cost of your color printing by evaluating whether you are printing a simple text document with a color company logo or a full color document.

BRING AFFORDABLE COLOR PRINTING TO YOUR OFFICE

BUSINESS COLOR PRINTING CUSTOMIZED TO FIT YOUR NEEDS

Finally, a solution that revolutionizes the way you pay for color printing. Kyocera technology puts you in control by defining your color usage levels, based on your documents. Therefore, you pay for the amount of color you use. For example, do you currently use a black and white MFP or printer, but would like to add color to documents, such as letterheads and invoices? Kyocera's unique Tiered Color System can help you control your costs by evaluating every document to determine whether it is a simple text document with a color company logo, a full color document or somewhere in between, and charging accordingly.

TIERED COLOR SYSTEM

Besides the traditional color and black and white counters, Kyocera devices also have three additional counters which count the coverage of printed and copied pages and categorizes them into three groups. Example:

[1] SIMPLE COLOR (Low Coverage)
A color company logo on black and white correspondence.

[2] BUSINESS COLOR (Medium Coverage)
A report that contains colorful charts and graphs with text.

[3] CREATIVE COLOR (High Coverage)
Color rich collateral such as brochures and presentations.

SIMPLE COLOR

BUSINESS COLOR

CREATIVE COLOR

For more information on how Kyocera's Tiered Color System can bring affordable color printing to your office, please contact KYOCERA Document Solutions America Inc.

Coverage samples on this document are for example only and may not represent accurate coverage samples.

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usa.kyoceradocumentsolutions.com

KONICA MINOLTA

PROPOSAL FOR:

LINCOLN CONSOLIDATED SCHOOLS

PRESENTED BY:
Karen Wlodychak
Senior Account Executive
Konica Minolta Business Solutions U.S.A., Inc.
kwlodychak@kmbs.konicaminolta.us
734.452.4174

KONICA MINOLTA

Giving Shape to Ideas

November 14, 2018

Lincoln Consolidated Schools
8970 Whittaker Road
Ypsilanti, MI 48197

Attn: Nik Jackson
RE: Request for Proposal for MFD Upgrade

Dear Nik,

Konica Minolta welcomes the opportunity to propose a complete business solution that will align with your goals and drive enhancements in your work environment. We are pleased to respond to your request and proud to offer a recommendation that combines our innovative multifunction devices (MFDs) with our world-class solutions and services. We embrace our history of innovation and investments in future technologies to remain focused on the management of your entire information lifecycle.

After having assessed the current Lincoln Schools' MFD fleet, Konica Minolta is proposing an all-encompassing solution that will deliver the greatest value while allowing for future growth in technology integration. Our high-performance multi-functional devices increase speed and accuracy in office printing applications and offer a wide variety of features such as allowing users to print from their mobile devices as well as enhanced solutions that support various workflow needs. We strategically combine consulting, hardware, software implementation and workflow management to give you a solution that is unique to Lincoln Consolidated Schools' needs.

While not included in the following recommended solution, Konica Minolta can also offer cost accounting solutions such as PaperCut MF that eliminates waste, encourages responsible behavior and makes users and departments accountable for their print usage. PaperCut MF is one of many that include embedded software that runs on any KM device to enable tracking, control and secure print release directly from the device's panel. PaperCut MF is suitable for sites of any size, with a cross-platform and vendor-neutral approach to technology and device support. Utilizing the onboard reporting feature enables the administrator to track prints, scans, faxes and copy usage of the MFD by device or down to the user level.

Thank you for considering Konica Minolta Business Solutions in your evaluation. We are confident that our consultative approach will achieve our goal of becoming your "partner of choice" for your printing and workflow requirements across the Lincoln Consolidated Schools enterprise. We look forward to demonstrating our commitment to Lincoln Consolidated and are confident that our offering will meet your expectations and deliver increased value and efficiencies. Should you require further information, please contact Karen Wlodychak, 734.452.4174, kwlodychak@kmbs.konicaminolta.us.

Sincerely,

Jennifer Dressell
Livonia Branch Manager
38777 Six Mile Road, Suite 103
Livonia, MI 48152

KONICA MINOLTA

Giving Shape to Ideas

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Customer Care Center
MyKMBS
Customer One Guarantee

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Mapping

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Providing Unparalleled Benefits
Workplace of the Future™
Industry Recognition & Awards
Environmental Sustainability

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Bizhub C368 brochure
Bizhub C558 brochure
Bizhub 558e brochure
Bizhub 808 brochure

KONICA MINOLTA

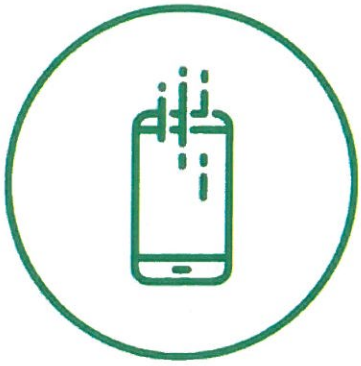
Giving Shape to Ideas

Executive Summary

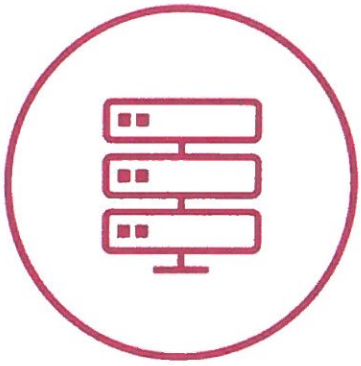
As an industry leader we are committed to a client-first methodology, offering a comprehensive suite of products and services comprised of industry-leading MFP technology, best-of-breed software and managed print services. This end-to-end strategy, along with a consultative engagement with our clients, provides a 360 degree view of your business processes, challenges, as well as your goals and objectives. Through this collaborative approach, Konica Minolta enables targeted solutions yielding improved efficiencies, cost reduction and the realization of Lincoln Consolidated Schools' vision.

Our Portfolio

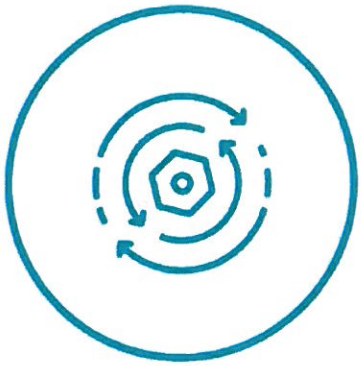
Delivering solutions and services that enable the Workplace of the Future™



INFORMATION MANAGEMENT
Enterprise Content Management
Print Management
Automated Workflow Solutions
Business Process Automation
Security and Compliance
Mobility
eDiscovery Services



IT SERVICES
Application Services
Cloud Services
IT Security
Managed IT Services
IT Consulting and Projects
Managed Voice Services



TECHNOLOGY
Office Multifunction Business Solutions
Commercial and Production Printers
3D Printers
Wide Format Printers
Laptops, Desktops & Computer Hardware
Servers and Networking Equipment
Managed Print Services (MPS)
Managed Enterprise Services

KONICA MINOLTA | Giving Shape to Ideas

Account Management

Our relationship will be managed by the Account Management Team based in our Livonia, Michigan branch. The team will ensure the overall success of our program and the timely implementation of our solution. They will also provide support in managing any contract changes or additions, implementing process improvements and resolving all general issues in a timely manner. Additional support, including site analysis, order receipt and fulfillment, service maintenance, billing and fleet reporting will also be coordinated by your Account Management Team and the appropriate Konica Minolta team members. The designated point of contact for Lincoln Consolidated Schools will be:

Karen Wlodychak
Senior Account Executive
734.452.4174
kwlodychak@kmbs.konicaminolta.us

Jennifer Dressell
Livonia Branch Manager
734.883.6046
jdressell@kmbs.konicaminolta.us

Dave Carter
Livonia Branch Service Manager
734.452.4252
dave.carter@kmbs.konicaminolta.us

Ashley Walsh
Direct Project Coordinator
248.616.0815
awalsh@kmbs.konicaminolta.us

Brandon Graves
Director, Prof Svcs Michigan Market
248.275.9540
bgraves@kmbs.konicaminolta.us

Konica Minolta delivers a collaborative and proactive approach to foster improvements in your efficiency and the effectiveness of your document and information management program. At regular intervals during our relationship, the team will coordinate Periodic Account Review (PAR) meetings that will act as a forum to discuss our partnership, the current deliverables, and the development of future strategies. We recommend these reviews take place on a quarterly basis, or as needed, throughout the term of your contract.

Customized fleet reports, based on data collected by our service and billing system, will also be presented to analyze performance in a concise manner. The format of the reports, and the data to be included, will be discussed upon award to ensure that all relevant data can be captured and accurately defined.

Konica Minolta will provide additional support by:

- Performing site analyses.
- Organizing delivery and deployment of product.
- Managing contract changes and additions.
- Implementing process improvements.
- Tracking order receipt and fulfillment.
- Coordinating service, maintenance and end user training.
- Providing invoice and fleet reporting.
- Engaging third party providers when necessary.
- Providing our loyalty every step of the way!

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Giving Shape to Ideas

Account References

CLIENT NAME:	**City of Dearborn**
Contact & Title	Tareq Ismail, IT Director
Address:	16901 Michigan Ave., Suite 12 Dearborn, MI 48126
Phone:	313-943-3037
E-Mail:	tismail@ci.dearborn.mi.us
Scope of Work # of Units Installed & Networked	73 Bizhub Multi-functional Devices at 22 locations, Integrated with PaperCut
CLIENT NAME:	**Plymouth Canton Community Schools**
Contact & Title	Mark Salzer, Director of IT
Address:	454 S. Harvey Street, Plymouth, MI 48170
Phone:	734-757-3871
E-Mail:	Mark.salzer@pccsk12.com
Scope of Work # of Units Installed & Networked	83 Bizhub Multi-functional Devices at 23 locations, Integrated with PaperCut
CLIENT NAME:	**Grand Rapids Community College**
Contact & Title	Danelle Sedore, Director of GRCC ePrint
Address:	2800 Third Street, Trenton, MI
Phone:	616-234-3964
E-Mail:	dsedore@grcc.edu
Scope of Work # of Units Installed & Networked	143 Bizhub Multi-functional Devices at 19 locations, PaperCut integrated with Blackboard
CLIENT NAME:	**Wayne RESA**
Contact & Title	Rob McCoy, Facilities Director
Address:	33500 Van Born Road, Wayne, MI 48184
Phone:	734-334-1538
E-Mail:	mccoyr@resa.net
Scope of Work # of Units Installed & Networked	Production Print devices in Print Shop and Multi-functional units in Fleet
CLIENT NAME:	**City of Dearborn Heights**
Contact & Title	Krissy Laslo, Assistant to the Mayor
Address:	6045 Fenton Street, Dearborn Heights, MI
Phone:	313-791-3430
E-Mail:	kkramarz@ci.dearborn-heights.mi.us
Scope of Work # of Units Installed & Networked	18 Bizhub Multi-functional devices

KONICA MINOLTA

Giving Shape to Ideas

Implementation Plan

Our Engagement Team will meet with you, upon receiving an affirmative decision, to determine your specific needs and to customize the implementation plan around those needs. The plan will make the transition and implementation of our program as seamless as possible to minimize disruption to your daily workflow.

Once a contract is awarded, the Account Management team will assist in the preparation of orders and lease documents and initiate the shipment and delivery of product to your locations. Immediately upon installation, Konica Minolta will provide in depth key operator training to familiarize your staff with the functions of the new products. This training will also be repeated, as necessary, throughout the term of our contract at no additional charge to you. Training will be on-line tutorials as well as performed by trained and certified Konica Minolta representatives and may also include supplemental materials, such as presentations and training exercises, upon request to further support our training.

While the implementation will be customized to your needs, an overview of the general implementation plan includes the following *approved Konica Minolta Implementation Methodology approach includes:*

Implementation Planning/Project Management

- Document and understand the business needs (requirements)
- Identify and operational considerations and define appropriate processes needed to install the equipment during the rollout of the hardware/software
- Establish the project plan and tracking system to meet Lincoln Consolidated Schools requirements and achieve agreed to deadlines
- Document outlined operational requirements in the Deployment Guide

Technical Pilot

- Develop and functionality test of solution
- Install Hardware & Software in Lincoln Consolidated's test environment located at the pilot site(s) for a predetermined time in order to achieve agreed to deadlines for overall project.
- Document the settings and process in the KMBS Deployment Guide which will be used for all installations in Lincoln Consolidated's network environment.
- Lincoln Consolidated Schools test/verify and acceptance
- Once testing is complete, review the Deployment Guide for accuracy and make any needed adjustments.

Full Deployment

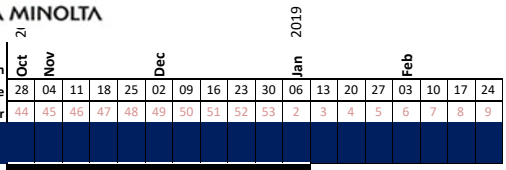
- Sign off on Finalized Deployment Guide
- Coordinate deployment for all 7 locations
- Execute Deployment
- Coordinate the pick-up of old assets on Lincoln Consolidated Schools behalf (if needed)
- Training and Communication

PROJECT PLANNING - GANTT

Project: **Lincoln Consolidated Schools**
Project Manager: Ashley Walsh

KONICA MINOLTA

INITIATE CAL. ON: 11/1/2018
SELECT SCALE: WEEKS



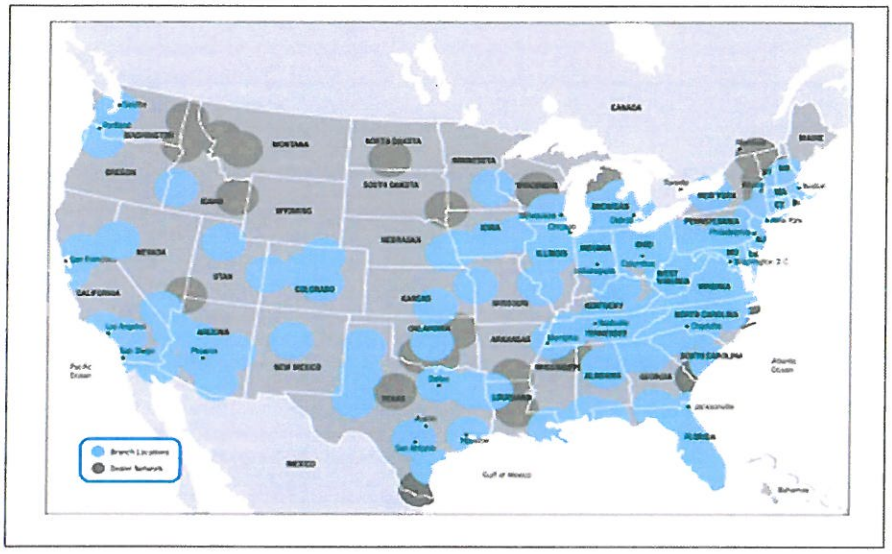
Name	Start Date	End Date	% complete
|-- Project start-up	2/5/2018	1/11/2019	0%
|-- Order Submission	12/11/2018	12/11/2018	0%
|-- Internal Project Workshop	12/12/2018	12/12/2018	0%
|-- Customer Project Workshop	12/13/2018	12/13/2018	0%
|-- Project initiation	2/5/2018	1/11/2019	0%
|-- Client project workshop	12/13/2018	12/13/2018	0%
|-- Delivery and Install Proces Defined	12/13/2018	12/13/2018	0%
|-- Draft Deployment Schedule	12/13/2018	12/13/2018	0%
|-- Device Return Strategy	12/13/2018	12/13/2018	0%
|-- Deployment Locations	12/26/2018	1/4/2019	0%
|-- Lincoln High School	12/26/2018	1/2/2019	0%
|-- MFD Delivery	12/26/2018	12/26/2018	0%
|-- MFD Install	12/26/2018	12/27/2018	0%
|-- Training	1/8/2019	1/8/2019	0%
|-- Removal	1/2/2019	1/2/2019	0%
|-- Brick Elementary	12/26/2018	1/2/2019	0%
|-- MFD Install	12/27/2018	12/28/2019	0%
|-- Transportation	12/26/2018	12/28/2018	0%
|-- MFD Install	12/28/2018	12/28/2018	0%
|-- Childs Elementary	12/28/2018	1/2/2019	0%
|-- MFD Install	1/2/2019	1/2/2019	0%
|-- Lincoln Middle School	12/28/2018	1/2/2019	0%
|-- MFD Install	1/2/2019	1/2/2019	0%
|-- Model Elementary School	12/28/2018	1/3/2019	0%
|-- MFD Install	1/3/2019	1/3/2019	0%
|-- Bishop Elementary School	12/28/2018	1/3/2019	0%
|-- MFD Install	1/3/2019	1/3/2019	0%
|-- Project closure			0%
|-- Approve Project End	1/11/2019	1/11/2019	0%

KONICA MINOLTA

Giving Shape to Ideas

Comprehensive Service Program

Konica Minolta will provide Lincoln Consolidated Schools with the most comprehensive support and service program in the industry. We have an established nationwide service program that is effective, simple to manage and efficient in delivering comprehensive service. With 125 Direct Branch Offices and approximately 350 Authorized Dealers nationwide, all fully supported by Konica Minolta Service and Technical experts, the Konica Minolta service model ensures that our customers receive the same high level of service, compliant with Konica Minolta's prescribed standards, consistently across all locations.



- Direct service capability through established branch location
- Supplemental coverage via authorized dealer network
- 2,400 service technical staff in the field

Guaranteed Service Standards

The Konica Minolta service program includes a variety of provisions designed to optimize the availability of your Konica Minolta products. These service guarantees are based around the corporate service standard of a minimum 95% average fleet uptime. Normal service hours are from 8:00am to 5:00pm Monday to Friday, excluding holidays.

Fleet Monitoring Services

Determining how much you're spending per device and its cost-per-print (CPP). Tracking how much volume is being generated per device, by department and by user as well as monitoring print jobs to allocate costs and identify new ways to improve output—including digitization and automating your print workflow.

Our advanced services provide you with these added benefits:

- **Auto toner delivery**
- **Auto service alerts**
- Advance account management

Customer Care Center

Konica Minolta's proposal to you includes a centralized service call request process that will ensure timely response to all service requests. While Konica Minolta utilizes a vast network of Service providers, the service call process is standardized through our centralized customer support facilities staffed 24 hours a day, 365 days per year. Your team will be provided a toll-free and web-based access to our customer care center – A single point of contact staffed by customer support professionals dedicated to handling all requests quickly and efficiently.

Predictable, Professional, Personalized.

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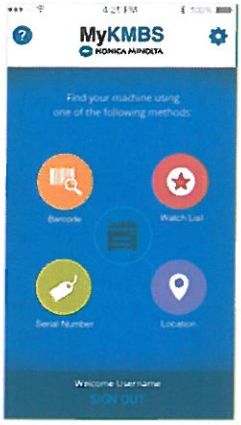
Online Account Management - Convenience at Your Fingertips

MyKMBS.com is a secure and comprehensive, online service management website that provides the tools to manage your fleet at your convenience 24/7. The site provides a detailed snapshot of your devices install dates, service contract coverage dates, service history and the exact location of the device, down to the floor or department. Our clients are provided with an efficient way to request service, order supplies and automate your meter reads. Additionally, all reports can easily be downloaded directly into Microsoft Excel, providing a simple method to sort and retain data.



Customer One Guarantee "It Works or It Walks"

We are so confident in the quality of our products that we guarantee your Konica Minolta branded MFP will (1) meet factory specifications and (2) be compatible with your network, or we'll replace it with an equivalent model:

KONICA MINOLTA
CUSTOMER **ONE** GUARANTEE

First two years: Replacement will be a brand new MFP
After two years: Replacement may be new or refurbished
Plus: Konica Minolta will also provide a $1,000 rebate towards your next Konica Minolta branded MFP leased through Konica Minolta Premier Finance (KMPF) as a way to say, "We're sorry for the inconvenience." **

We believe the best customer experience comes from not only how our products perform and how easy they are to use, but also from giving our customers the peace of mind to know that our MFPs (Multifunction Products) are backed by one of the best guarantees in the industry. When the new Konica Minolta branded MFP arrives, you will be getting the latest technology, superior service and support, and a guarantee direct from the manufacturer. For further details and Terms & Conditions, refer to our Customer One Guarantee brochure or contact your local sales representative.

If the equipment is replaced during the course of the lease, the customer will receive a credit of $1,000 towards the lease of a new KM MFP, provided it is exercised within 30 days of lease expiration and the new equipment is leased through KMPF. **The Customer One Guarantee does not apply to printers. Each printer has a one year warranty and extended warranties up to 3 years are available for an additional cost.

Proposed Black and White Solutions

Konica Minolta bizhub 368e/558e MID-VOLUME MULTIFUNCTION PRINTER

High-speed output speeds your work: 36 / 55 ppm B&W
Dual scanning handles up to 240 originals per min in both color and B&W
4 GB Memory----User-friendly 9" multi-touch screen
Total paper capacity = 3,650 pages
2 Universal Paper Drawers—500 sheets each
Large Capacity Drawer – 2,500 sheets (8 ½ x 11)
Bypass Tray---150 sheets
Floor Finisher – 50-page Stapler
Working Table
2/3 Hole Punch
IC Card Reader
USB Printing and Scanning
Power Filter
Meets ISO 15408 Common Criteria standards
Mobile Printing support (AirPrint, Google Cloud Print)
Optional scan/convert documents to PDF, Word, Excel and more
EPEAT Gold-certified low-power consumption
Bizhub Secure - A professional security service that will provide lock down protection with advanced features like HDD encryption, HDD lock password protection and automatic data deletion

Transportion Device to include Fax Kit.

Konica Minolta bizhub 808 HIGH-VOLUME MULTIFUNCTION PRINTER

High-speed output speeds your work: 80 ppm B&W
Dual scanning handles up to 240 originals per min in both color and B&W
4 GB Memory----User-friendly 9" multi-touch screen
Total paper capacity = 3,650 pages
2 Universal Paper Drawers—500 sheets each
Large Capacity Drawer – 2,500 sheets (8 ½ x 11)
Bypass Tray---150 sheets
Floor Finisher – 50-page Stapler
2/3 Hole Punch
Working Table
IC Card Reader
USB Printing and Scanning
Power Filter
Meets ISO 15408 Common Criteria standards
Mobile Printing support (AirPrint, Google Cloud Print)
Optional scan/convert documents to PDF, Word, Excel and more
EPEAT Gold-certified low-power consumption
Bizhub Secure - A professional security service that will provide lock down protection with advanced features like HDD encryption, HDD lock password protection and automatic data deletion

Two Units in HS West to include Fax Kits.

Proposed Full Color Solutions

Konica Minolta bizhub C558 MID-VOLUME MULTIFUNCTION PRINTER

High-speed output speeds your work: 55 ppm B&W and Color
Dual scanning handles up to 240 originals per min in both color and B&W
4 GB Memory----User-friendly 9" multi-touch screen
Total paper capacity = 3,650 pages
2 Universal Paper Drawers—500 sheets each
1 Drawer 1,000 sheets; 1 Drawer 1,500 sheet (8 ½ x 11)
Bypass Tray---150 sheets
Booklet Finisher – 50-page Stapler, Saddle-Stitching, Half and Tri-Folding
2/3 Hole Punch
Fax Kit
Working Table
IC Card Reader
USB Printing and Scanning
Power Filter
Meets ISO 15408 Common Criteria standards
Mobile Printing support (AirPrint, Google Cloud Print)
Optional scan/convert documents to PDF, Word, Excel and more
EPEAT Gold-certified low-power consumption
Bizhub Secure - A professional security service that will provide lock down protection with advanced features like HDD encryption, HDD lock password protection and automatic data deletion

Bishop Elementary

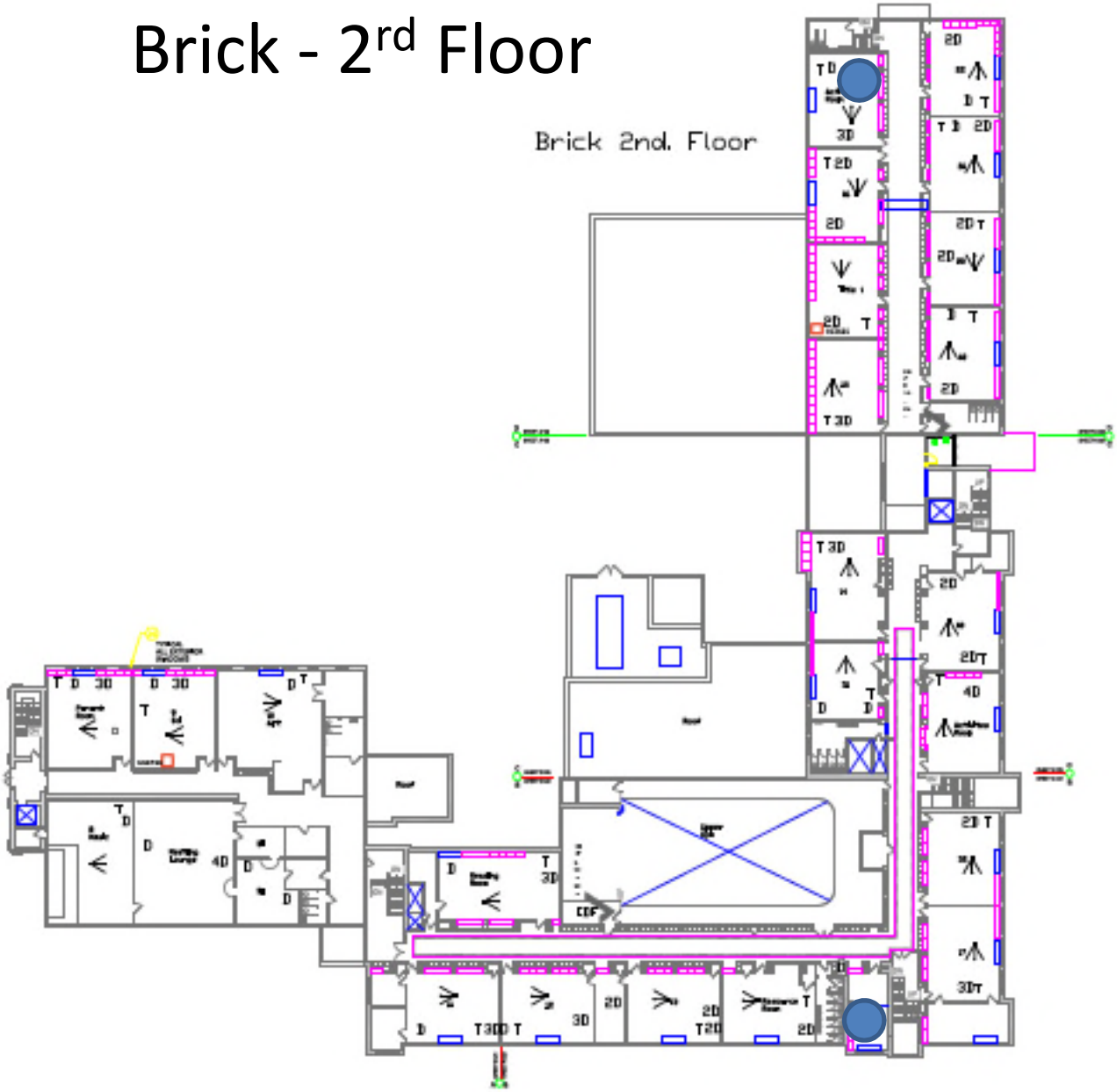
Category	Symbol	Device
Mono MFP		3
Color MFP		1

Brick - 1st Floor

Category	Symbol	Device
Mono MFP		1
Color MFP		1

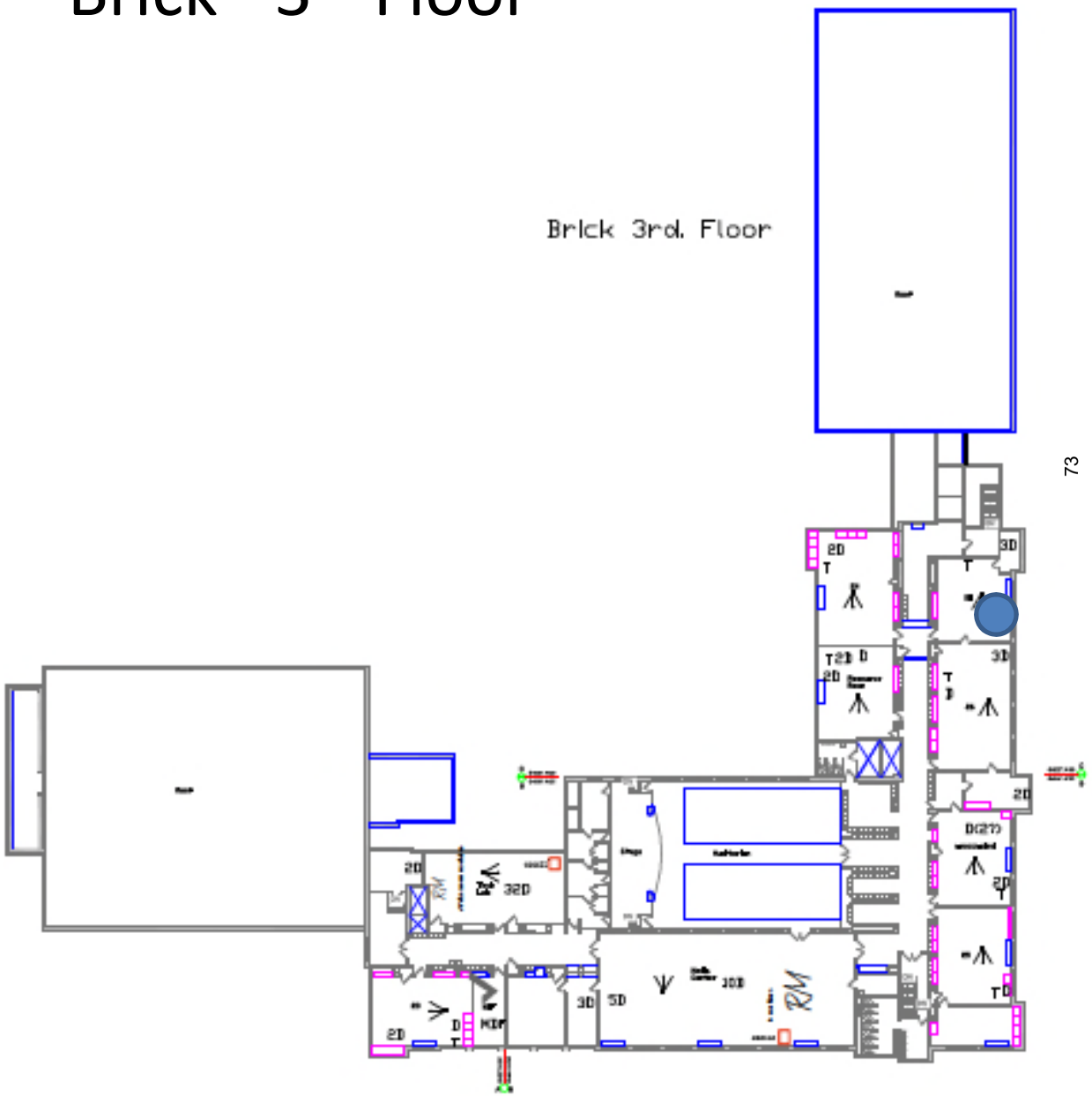
Brick - 2rd Floor

Category	Symbol	Device
Mono MFP		2
Color MFP		



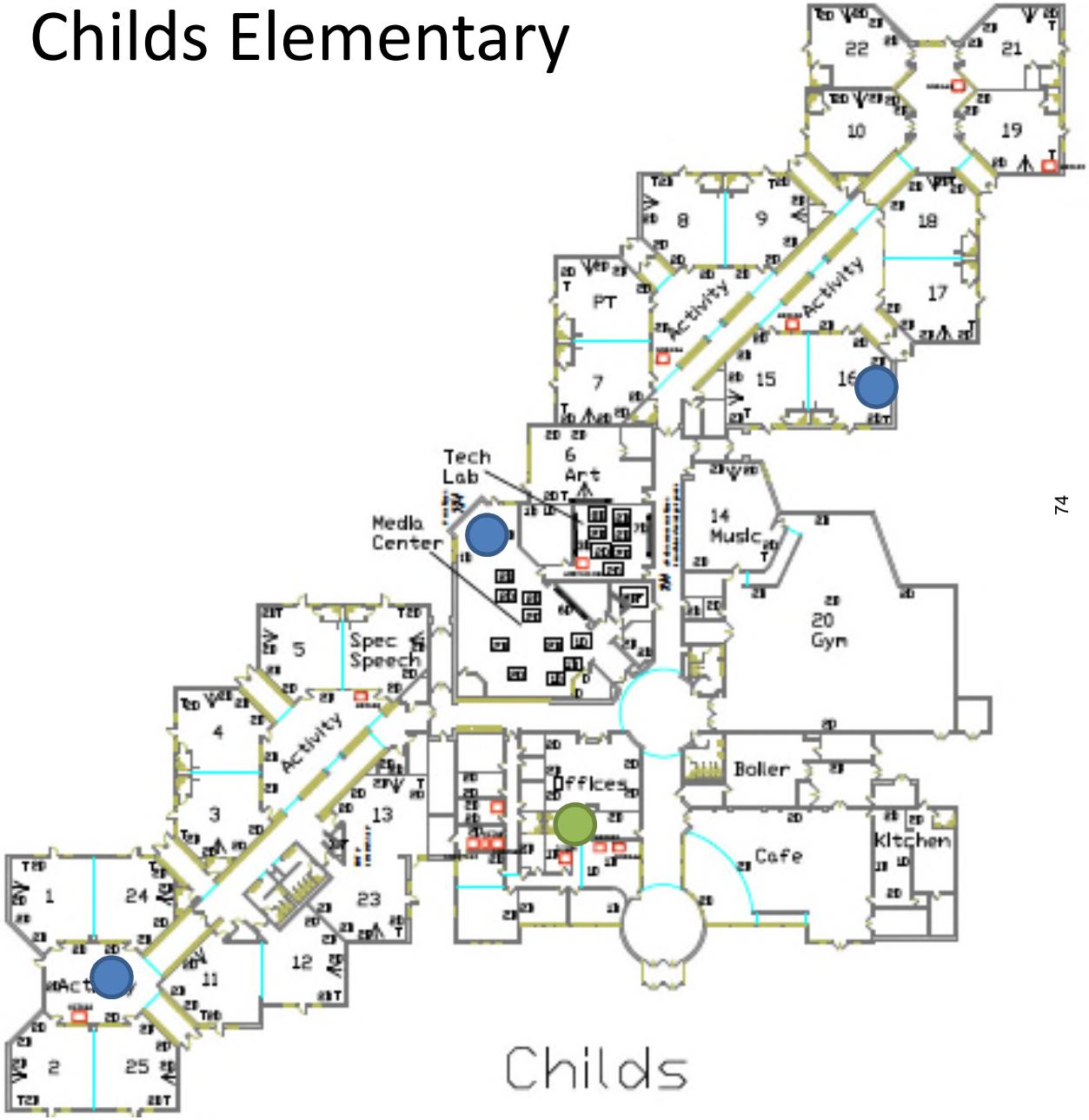
Brick - 3rd Floor

Category	Symbol	Device
Mono MFP		1
Color MFP		



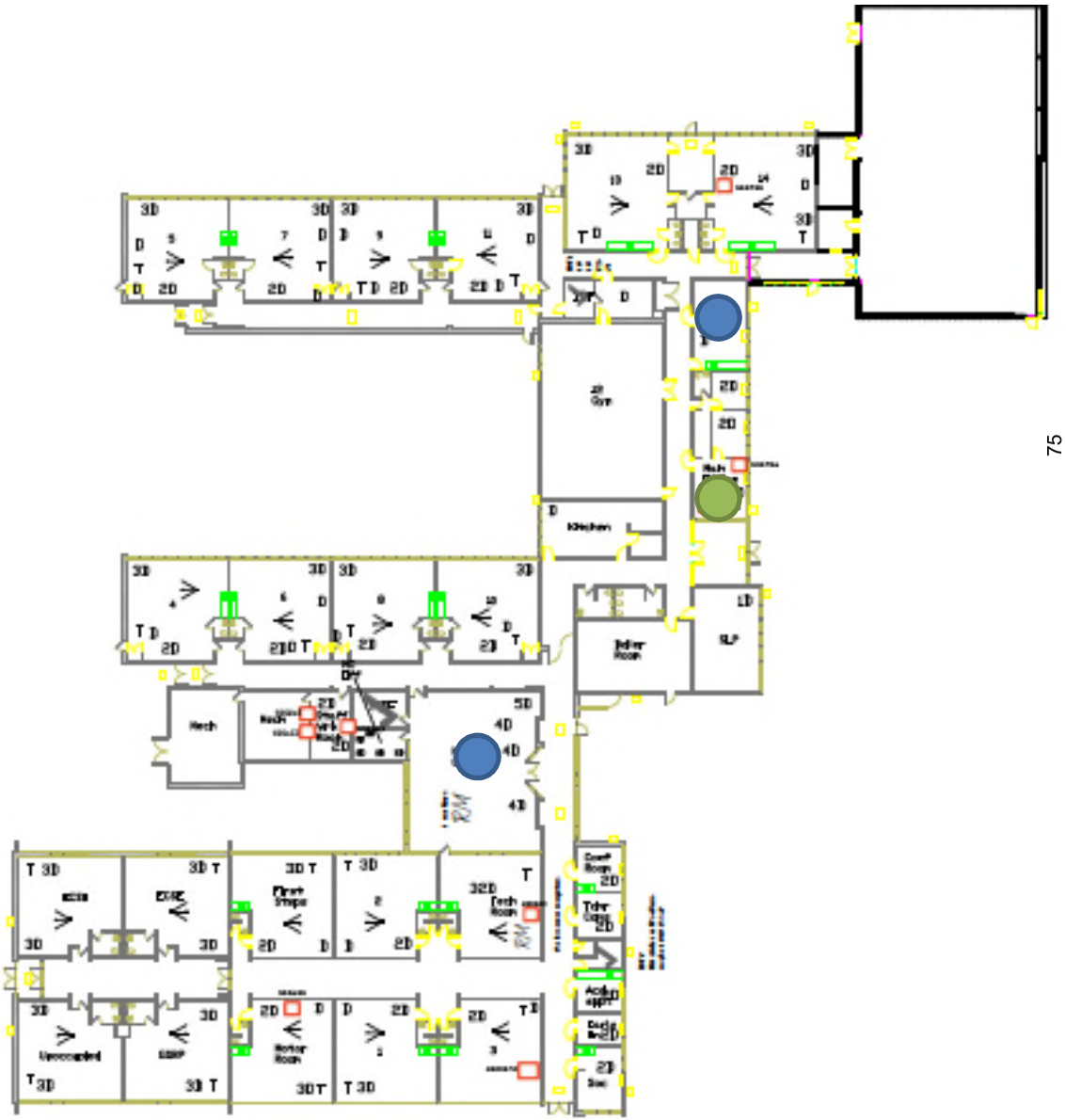
Childs Elementary

Category	Symbol	Device
Mono MFP		3
Color MFP		1



Model Elementary

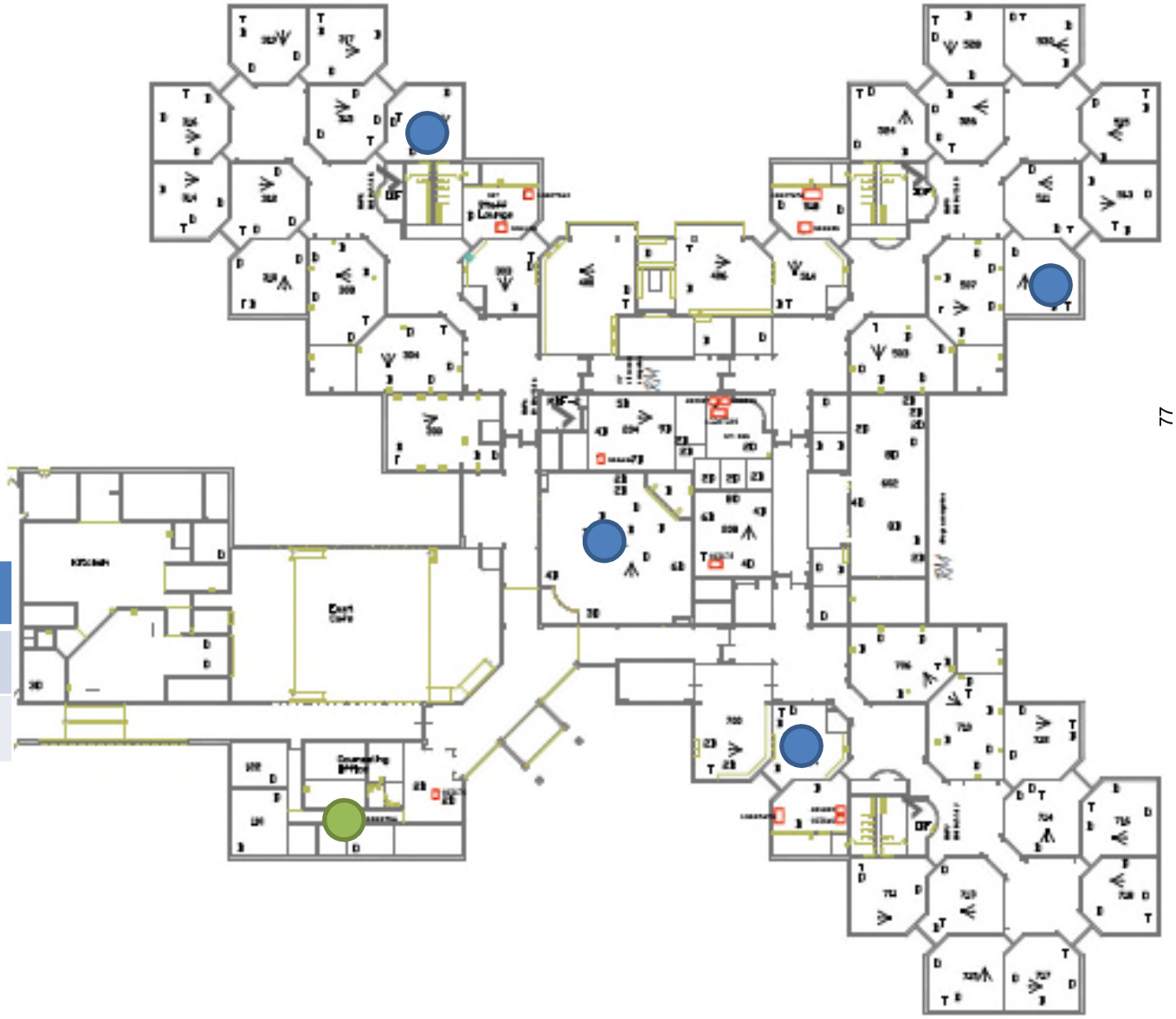
Category	Symbol	Device
Mono MFP		2
Color MFP		1



Middle School

Category	Symbol	Device
Mono MFP		4
Color MFP		1

High School - East



Category	Symbol	Device
Mono MFP		4
Color MFP		1

High School - Middle

Category	Symbol	Device
Mono MFP		1
Color MFP		

High School - West

Category	Symbol	Device
Mono MFP		6
Color MFP		1

School	Quantity	Device	Options
BISHOP	1	C558	Color, Fax, Booklet Finisher, Punch
	1	BH 368e	Monochrome, Stapler, Punch
	2	BH 808	Monochrome, Stapler, Punch
Total	**4**		
BRICK			
First Floor	1	C558	Color, Fax, Booklet Finisher, Punch
	1	BH 808	Monochrome, Stapler, Punch
Total	**2**		
2nd Floor	1	BH 368e	Monochrome, Stapler, Punch
	2	BH 808	Monochrome, Stapler, Punch
Total	**3**		
3rd Floor	1	BH 368e	Monochrome, Stapler, Punch
Total	**1**		
CHILDS	1	C558	Color, Fax, Booklet Finisher, Punch
	1	BH 368e	Monochrome, Stapler, Punch
	1	BH 808	Monochrome, Stapler, Punch
Total	**3**		
HIGH SCHOOL			
East	1	C558	Color, Fax, Booklet Finisher, Punch
	2	BH 368e	Monochrome, Stapler, Punch
	1	BH 558	Monochrome, Stapler, Punch
	1	BH 808	Monochrome, Stapler, Punch
Total	**5**		
Middle	1	BH 808	Monochrome, Stapler, Puncch
Total	**1**		
West	1	BH C558	Color, Fax, Booklet Finisher, Punch
	3	BH 368e	Monochrome, Stapler, Punch
	1	BH 558	Monochrome, Stapler, Punch
	2	BH 808	Monochrome, Stapler, Punch Fax
Total	**7**		
MIDDLE SCHOOL			
	1	C558	Color, Fax, Booklet Finisher, Punch
	1	BH 368e	Monochrome, Stapler, Punch
	3	BH 808	Monochrome, Stapler, Punch
Total	**5**		
MODEL SCHOOL			
	1	C558	Color, Fax, Booklet Finisher, Punch
	2	BH 368e	Monochrome, Stapler, Punch
Total	**3**		
TRANSPORTATION			
	1	BH 368e	Monochrome, Stapler, Punch Fax
Total	**1**		

Lincoln Consolidated Breakdown by Devices

Bizhub 368e:	
Bishop	1
Brick-2nd Fl	1
Brick-3rd Fl	1
Childs	1
HS East	2
HS West	3
Middle	1
Model	2
Transportation	1
Total 368e	**13**

Bizhub 808:	
Bishop	2
Brick-1st Fl	1
Brick-2nd Fl	1
Childs	2
HS East	1
HS Middle	1
HS West	2
Middle School	3
Total 808	**13**

Bizhub 558e:	
HS East	1
HS West	1
Total 558e	**2**

Bizhub C558:	
Bishop	1
Brick	1
Childs	1
HS East	1
HS West	1
Middle School	1
Model	1
Total C558	**7**

KONICA MINOLTA DEVICE PRICING

Purchase: $190,907.00

Tax Exempt Lease (TELP):

60 Months: $3,741.78 (rate locked through 12/10/2018)

SERVICE:

Quantity	Model	Cost-Per-Copy
13	Bizhub 368e	$.0039 B/W
2	Bizhub 558e	$.0039 B/W
13	Bizhub 808	$.0033 B/W
7	Bizhub C558	$.0049 B/W;
		$.03700 Color

Service rate is locked first 5 years; annual escalation of 10% starting in Year 6. Includes all parts, labor, supplies, firmware updates and preventative maintenance, in addition to delivery, installation and training. Excludes paper and staples. Average response time of 4.0 hours. Note: Service contract pricing is in addition to and billed independently from your equipment. Normal service hours are Monday-Friday from 8-5 EST.

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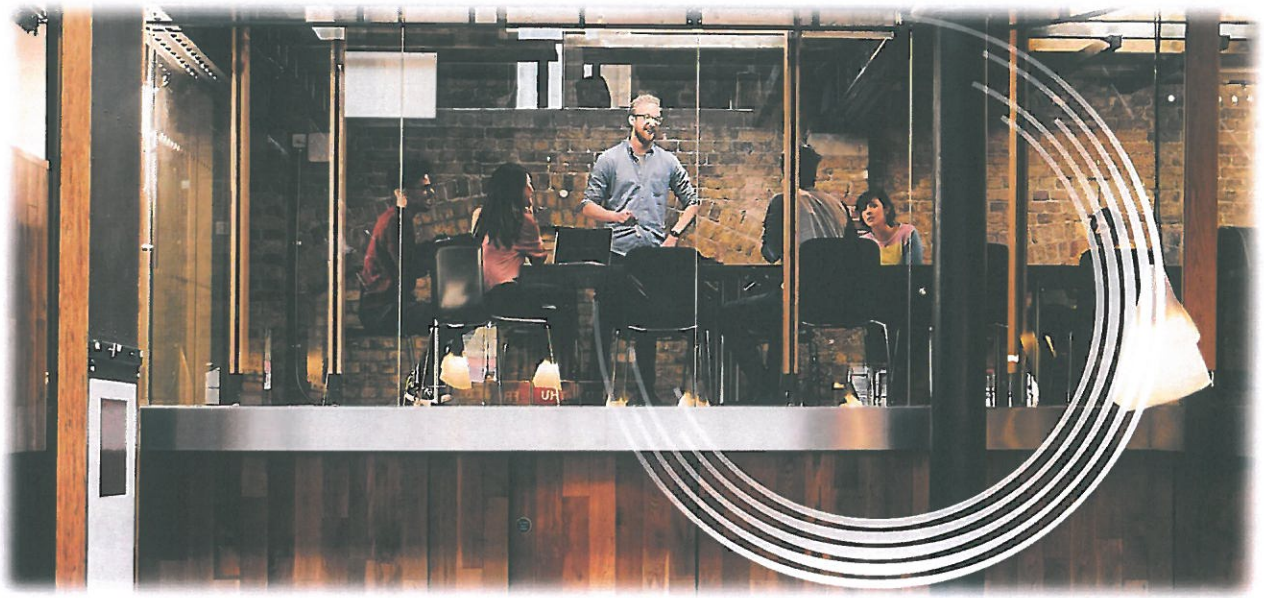
Providing unparalleled benefits that include:

Innovative Strategies - we focus on the "now" but invest in the future. By investing in innovative strategies to support The Workplace of the Future™ we create a business environment that will merge the real and digital worlds by creating intelligent, inclusive, multi-vendor platforms, that enable you to achieve their goals faster and more efficiently. We provide the ability to extract meaning from data allowing you to make better decisions and focus on business outcomes rather than on the tools used to achieve them

Managed Print Services - Did you know that printing is typically the 3rd highest office expense behind rent and payroll and 90% of companies do not know what they are spending on print? Konica Minolta's Managed Print Services will provide the overall fleet management of your networked and local print devices. We strategically combine consulting, hardware, software implementation and workflow management unique to your business. We are committed to giving you a comprehensive action plan to support long-term goals, control costs and achieve optimal productivity.

Growth - Growth is our vision and we are achieving just that by balancing both our short term and long term goals while demonstrating industry leadership year over year. Our business transformation and acquisition strategy continually raises the level of trust by society and our clients. Our Business Innovation Centers (BICs) and investments in Enterprise Content Management (ECM) and IT Services fuel our development of new services and solutions to not only support your current business needs but also being able to support your future needs in the ever-changing mobile and digital business environment.

Synergy and Execution - We integrate our business expertise across a variety of markets, providing disruptive technologies, value and experience. With a proven track record, our experience guides the execution of complex strategies that will optimize your business environment. We provide a variety of solution models that align with the goals of each and every client and customize to support immediate and long term goals.



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Giving Shape to Ideas

Workplace of the Future™

Konica Minolta is reshaping and revolutionizing the Workplace of the Future™. Creating a workplace without geographic limitations and cultivating technology that empowers your employees to work more productively, efficiently and collaboratively. No matter where they are in the world. We are expanding our existing product capabilities and offering a portfolio of unified smart office solutions to revolutionize the way we live and work – providing boundless possibilities for your workforce.

Smart and Connected by 2020

The demand for data and information to make better, faster decisions will be staggering.

5 billion more people online

25 billion more connected devices in the world

1/3 of our global workforce will be freelancers

Strengthen Collaboration

The Workplace of the Future necessitates that your teams work smarter and better together. That's why our cloud-based tools were developed to demolish any obstacles within your organization that hinder you from doing just that.

Teem Meeting Room Management

This effective cloud-based solution for your meeting and conference room scheduling challenges is a great way to help you rethink your workspace usage. Teem improves productivity by keeping meetings on track and enhancing the way your staff schedules and conducts those important gatherings. And its powerful analytics identifies space use behaviors, guiding you on where improvements are needed.

Improve Productivity

With Konica Minolta's Workplace of the Future, old, arbitrary barriers set by distance and/or device type will become a thing of the past. The result? Productivity will undeniably improve. It starts with Konica Minolta solutions.

Double Robotics

Double® 2 is there when you can't be. Double® 2 is the world's leading telepresence robot, providing a real, physical presence at work or school via a two-wheeled balancing robot with an attached iPad®. Weighing only 15 pounds, a user attaches an iPad to the Double unit then uses an iPad, iPhone® or web browser to control and drive the robot.

KONICA MINOLTA

Giving Shape to Ideas

Increase Efficiency

Work24/7 access to essential information and applications is a critical requirement for the Workplace of the Future. Konica Minolta's **All Covered Cloud Solutions** leverage Cloud technology's flexibility and scalability to power file-sharing, applications and mobility that comes standard with today's modern workplace.

The Receptionist for iPad

This simple visitor registration system can help you manage your visitor flow, allow two-way communication between hosts and guests, track who's coming and going, set up delivery options, present legal documents to sign electronically, capture photos and automatically print badges for your visitors. This is what the future looks like.

ALICE Receptionist

Reshape your workplace with ALICE, the virtual receptionist. A touch screen and live video technology allows ALICE to connect visitors directly with your employees, greeting them and notifying staff when a visitor enters your office space. In addition to a consistent customer service experience for guests, you'll have improved security for your office -while saving money by forgoing a full-time staff member to manage your front desk.

KONICA MINOLTA

Giving Shape to Ideas

Office Systems a complete line up in every segment in both color and monochrome devices. A common platform and interface with the bizhub experience.

High-Volume Color | **High-Volume B&W** | **Mid-Volume Color** | **Mid-Volume B&W** | **Compact MFP** | **AiO** | **Single Function**

Mid-Volume Flexible solutions for every business need. Print/copy output speeds of 55ppm, 45 ppm, 36 ppm, 28 ppm, and 22 ppm.

Light-Volume Perfect for fit for mixed MFP and desktop environments. Provides increased efficiency, wide- ranging flexibility, reduced cost and greater accuracy and accountability.

Customizable:

The bizhub MFP user interface can be customized to suit individual needs by adding or removing an application from the home screen, customizing a scanning process or displaying the functions that match small business needs or enterprise user demands.

Simplicity:

The exclusive INFOPalette design lets you drag, drop, pinch in and pinch out, rotate images and more. Most models provide the ability to preview documents before you print, reducing errors that waste time and paper.

BLI BUYERS LAB 2017 PICK

BLI BUYERS LAB 2016 PICK

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KONICA MINOLTA

Giving Shape to Ideas

Recognitions and Awards

We are proud to be recognized from widely respected industry organizations for our achievements as we continually demonstrate our ongoing pursuit for excellence.

Environmental Sustainability

Protecting our planet is a top priority. We pursue a broad array of environmental initiatives – eliminating pollutants, reducing energy consumption and creating products and solutions that help our clients realize their own sustainability goals and strive to assist our clients to resolve their environmental issues.

clean planet

- Eco Vision 2050 - our long term environmental vision
- Solar Energy Initiative - installation of a solar panels to harness the power of the sun for pollution-free energy
- Earth Friendly Products - environmentally friendly innovations that consistently improve efficiencies in our print technologies
- EPEAT - proud to have the highest total of EPEAT points of any registered imaging equipment company in the world
- Clean Planet - program for cost-free recycling of our consumables
- Simitri® HD^{E} Toner - consumes less energy during production and CO_2, NOx and Sox emissions are reduced by more than 1/3 during use
- Green Products Certification System
- Green Factory Certification System
- Green Marketing

To ensure efficient implementation of environmental management Konica Minolta is committed to the environment by operating its management systems based on ISO 14001.

KONICA MINOLTA

TECHNOLOGY

bizhub® 368e

MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER

Up to 36 ppm print/copy output to keep pace with rising demands	6,650-sheet maximum capacity, tab printing support, carbon-copy printing
Optional dual scanning up to 160 originals per minute	Advanced authentication, secure print release, remote firmware updates
Large 9" color display with quick tablet-like touchscreen interface	Multiple bypass tray and detachable paper feed trays improve paper handling
3rd-party software integration with standard web browser	Finishing options for 80-page booklet-making, up to 100-sheet stapling
Built-in Emperon® print system, universal printer drivers	Options for 2/3-hole punch, tri-fold, z-fold, post-insertion and more
Simitri® HD polymerized toner for high-resolution imaging	Downloadable apps to help you work faster and smarter
Standard 250 GB HDD for on-board document storage	Multiple i-Options to suit the needs of your workflow
Meets ISO 15408 and IEEE 2600.1 Security standards*	EPEAT Gold-certified, low power consumption to cut costs
Standard web browser	Mobile printing support (AirPrint, Google Cloud Print Classic, NFC)
Power-saving design with quick recovery from sleep mode	

*May not be available at time of launch.

bizhub 368e

MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER

Ideal for growing businesses, the bizhub 368e is a powerful, affordable monochrome MFP with superior Simitri® HD image quality and fast 36 ppm print/copy output. Optional dual scanning brings information into your workflow fast and enhanced touch screen simplicity never slows you down.

SYSTEM OVERVIEW

System memory	4 GB (when UK-211 is installed)
System hard disk	250 GB Standard
Interface	10-BASE-T / 100-BASE-TX / 1000-BASE-T Ethernet, USB 2.0
Network protocols	TCP/IP (IPv4/IPv6), FTP, SMB v2, SMTP, WebDAV
Frame types	Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP
Document feeder (optional)	Up to 100 originals / 5.5" x 8.5" to 11" x 17" / 35-163gsm Reversing automatic document feeder or dual scan document feeder available
Printable paper size	**Scanning/Copying:** up to 11" x 17" **Printing:** up to 11" x 17" full bleed on 12" x 18" paper Custom paper sizes Banner paper max.: 11.75" x 47.25"
Printable paper weight	52–300 gsm
Paper input capacity	**Standard:** 1,150 sheets / **Max.:** 6,650 sheets
Tray 1	500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
Tray 2	500 sheets / 5.5" x 8.5" to 12" x 18" / 52–256 gsm
PC-115 Paper feed cabinet (optional)	500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
PC-215 Paper feed cabinet (optional)	2 x 500 sheets / 5.5" x 8.5" to 8.5" x 11" / 52–256 gsm
Large capacity tray PC-415 (optional)	2,500 sheets / 8.5" x 11" / 52–256 gsm
Large capacity tray LU-302 (optional)	3,000 sheets / 8.5" x 11" / 52–256 gsm
Manual bypass	150 sheets / 4" x 6" to 12" x 18" / custom paper sizes / 50–300 gsm
Automatic duplexing	5.5" x 8.5" to 12" x 18" / 52–256 gsm
Finishing modes	Offset, group, sort, staple, punch, half-fold, z-fold, tri-fold, post-insertion, booklet
Output capacity	**Max. with finisher:** 3,200 sheets **Max. without finisher:** 250 sheets
Stapling (optional)	**Max.:** 50 sheets or 48 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	**Max.:** 1,000 sheets
Tri-fold (optional)	Up to 3 sheets
Tri-fold capacity	**Max.:** 30 sheets (tray)
Booklet (optional)	**Max.:** 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	**Max.:** 100 sheets (tray)
Copy/print volume	**Max.:** 175,000 pages/month[1]
Toner lifetime	25,000 pages
Imaging unit lifetime	270,000 pages / 600,000 pages (Drum/Developer)
Power consumption	120 V / 60 Hz, less than 1.5 kW (system)
System dimensions	24.2" x 27" x 38" (W x D x H)
System weight	Approx. 168 lbs

PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi, 1,200 x 1,200 dpi
PDL	PCL6 (XL 3.0), PCL5c, PostScript 3 (ver. 3016), XPS
Operating systems	Windows (x32 / x64): 7 / 8.1 / 10 Windows Server (x32 / x64): 2008 / 2008 R2[3] / 2012[3] / 2016[3] Macintosh OS X 10.7 or later Linux / Unix / Citrix
Printer fonts	80 PCL Latin, 137 PostScript 3
Print functions	Direct Print of PCL, PS, TIFF, XPS, PDF, encrypted PDF files and OOXML (DOCX, XLSX, PPTX), mixmedia and mixplex, "Easy Set" job programming, overlay, watermark, copy protection, carbon copy print

COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri HD Polymerized Toner
Print speed (8.5" x 11")	Up to 36 ppm (portrait)
Print speed (11" x 17")	Up to 18 ppm (portrait)
Autoduplex speed (8.5" x 11")	Up to 36 ppm (portrait)
1st copy out time	4.5 seconds
Warm-up time	Approx. 20 seconds[2]
Copy resolution	600 x 600 dpi
Gradations	256 gradations
Multi-copy	1–9,999
Original format	Up to 11" x 17"
Magnification	25–400% in 0.1% steps, auto zooming
Copy functions	Electronic sorting, multi-job, adjustments (contrast, sharpness, image density), proof copy, interrupt mode, color mode, separate scan, sort/group, combination, original selection, ID card copy, 2-in-1, 4-in-1

SCANNER SPECIFICATIONS

Scan speed	**B&W / Color:** up to 160 opm with optional DF-704
Scan resolution	**Max.:** 600 x 600 dpi
Scan modes	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan
File formats	JPEG, TIFF, PDF, PDF/A 1a and 1b (optional), compact PDF, encrypted PDF and searchable PDF (optional), XPS, compact XPS, PPTX and searchable PPTX (optional), searchable DOCX/XLSX (optional)
Scan destinations	2,100 (shared with fax), LDAP support
Scan functions	Annotation (text/time/date) for PDF, up to 400 job programs, realtime scan preview

FAX SPECIFICATIONS

Fax	Super G3 (optional)
Transmission	Analog, Internet Fax, Color i-Fax, IP-Fax
Resolution	**Max.:** 600 x 600 dpi (ultra-fine)
Compression	MH, MR, MMR, JBIG
Modem	Up to 33.6 Kbps
Destinations	2,100 (single + group)
Functions	Polling, time shift, PC-fax, receipt to confidential box, receipt to Email/FTP/SMB, up to 400 job programs

USER BOX SPECIFICATIONS

Storable documents	**Max.:** 3,000 documents or 10,000 pages
Type of user boxes	Public Personal (with password or authentication) Group (with authentication)
Type of system boxes	Secure print, encrypted PDF, fax receipt, fax polling, annotation
User box functionality	Reprint, combination, download, sending (email/FTP/SMB and fax), copy box-to-box

SYSTEM FEATURES

Security	ISO 15408 EAL[4]
	IEEE 2600.1[4]
	IP filtering and port blocking
	SSL2, SSL3 and TSL1.0 network communication
	IPsec support
	IEEE 802.1x support
	FIPS 140-2
	User authentication
	Authentication log
	Secure print
	Hard disk overwrite (8 standard types)
	Hard disk data encryption (AES 128)
	Memory data auto deletion
	Confidential fax receipt
	Print user data encryption
	Copy protection (Copy Guard, Password Copy) optional
Accounting	Up to 1,000 user accounts
	Active Directory support
	(user name + password + email + SMB folder)
	User function access definition
	Optional Biometric authentication (finger vein scanner)
	Optional ID card authentication (ID card reader)
Software	PageScope Net Care Device Manager
	PageScope Data Administrator
	PageScope Box Operator
	PageScope Direct Print
	Print Status Notifier
	Driver Packaging Utility
	Log Management Utility

[1] Maximum monthly duty cycle describes the maximum number of pages a device can output on a monthly basis. This specification is a guideline intended to offer a comparison of durability as it relates to the entire Konica Minolta MFP and printer product line so that the appropriate device can be placed in order to meet customer needs.

[2] Warm-up time may vary depending on the operating environment and usage.

[3] Supports x64 only.

[4] Certification pending.

COMPONENTS AND OPTIONS

AU-102 Biometric authentication	Finger vein scanner
AU-205H Universal ID card reader	Various ID card technologies
AU-211 CA/PIV solution*	Requires WT-506 Working Table
DF-629 Document feeder	Reversing automatic document feeder, capacity 100 originals
DF-704 Document feeder	Dual scan automatic document feeder, capacity 100 originals
DK-510 Copier desk	Provides storage space for print media and other materials
Dynamag magnetic stripe card reader	Requires WT-506 Working Table
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection, Bluetooth
External keyboard	External USB keyboard
FK-514 Fax board	Super G3 fax, digital fax functionality
FK-515 Fax board	Super G3 fax, digital fax functionality, lines 3 & 4 support (requires MK-742)
FS-533 Staple finisher	50-sheet stapling, 500 sheets max. output
FS-536 Staple finisher	50-sheet stapling, 3,200 sheets max. output (requires RU-513)
FS-536SD Booklet finisher	50-sheet staple finisher, 20-sheet booklet finisher, 2,200 sheets max. output (requires RU-513)
HD-524 Hard disk	Hard disk mirroring, 250 GB
JS-506 Job separator	Separation for fax output, etc.
KH-102 Keyboard holder	To place USB keyboard
KP-101 10-Key pad	For use instead of touchscreen
LK-102 v3 PDF enhancements	PDF/A, PDF encryption, digital signature
LK-104 v3	Provides voice guidance functions
LK-105 v4	Searchable PDF
LK-106	Supports native barcode printing
LK-107	Supports native Unicode printing
LK-108	Supports native OCR A and B font printing
LK-110 v2	Generates various file formats incl. DOCX, XLSX and combines LK-102 (encrypted PDF) + LK-105 (searchable PDF/OCR functionality)
LK-111 ThinPrint® Client	Print data compression for reduced network impact
LU-302 Large capacity unit	3,000 sheets / 8.5" x 11" / 52–256 gsm
MK-730 Mount kit	Banner paper guide
MK-735 Mount kit	Installation kit for ID card reader
MK-742 Mount kit	Installation kit for FK-515 fax board
OC-511 Original cover	Cover required if no document feeder is installed
OT-506 Output tray	Output tray use instead of finisher
PC-115 Universal tray	500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
PC-215 Universal tray	2 x 500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
PC-415 Large capacity tray	2,500 sheets / 8.5" x 11" / 52–256 gsm
PK-519 Punch kit for FS-533	2/3-hole punching, autoswitching
PK-520 Punch kit for FS-536	2/3-hole punching, autoswitching
RU-513 Relay unit	Required for the FS-536 / FS-536SD
SC-508 Security kit	Copy guard function
SP-501 Stamp unit	Added fax stamp capability kit
UK-211 Memory expansion	2 GB memory expansion, required for most i-Options, registered overlay and concurrent use of web browser and certain other functions, including stamp print, watermark, date/time print, header/footer, image overlay and management number
UK-212 Wireless LAN	Wireless LAN to network connector
WT-506 Working table	Authentication device placement

*May not be available at time of launch.

KONICA MINOLTA

TECHNOLOGY

bizhub® 558e

MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER

- Up to 55 ppm print/copy output to keep pace with rising demands
- Standard dual scanning up to 240 originals per minute
- High capacity 300-sheet document feeder
- Large 9" color display with quick tablet-like touchscreen interface
- 3rd-party software integration with standard web browser
- Built-in Emperon‡ print system, universal printer drivers
- Simitri‡ HD polymerized toner for high-resolution imaging
- Standard 250 GB HDD for on-board document storage
- Meets ISO 15408 and IEEE 2600.1 Security standards*
- Standard web browser, 4 GB of memory
- Power-saving design with quick recovery from sleep mode
- 6,650-sheet maximum capacity, tab printing support, carbon-copy printing
- Advanced authentication, secure print release, remote firmware updates
- Multiple bypass tray and detachable paper feed trays improve paper handling
- Finishing options for 80-page booklet-making, up to 100-sheet stapling
- Options for 2/3-hole punch, tri-fold, 2-fold, post-insertion and more
- Downloadable apps to help you work faster and smarter
- Multiple i-Options to suit the needs of your workflow
- EPEAT Gold-certified, low power consumption to cut costs
- Mobile printing support (AirPrint, Google Cloud Print Classic, NFC)

*May not be available at time of launch

bizhub 558e

MONOCHROME MID-VOLUME MULTIFUNCTION PRINTER

The bizhub 558e presents the perfect solution for professional digitization of documents, thanks to the reliable high-capacity standard dual scan document feeder. Combined with the enhanced options for flexibility and security, it adapts precisely to customers' requirements and can easily be integrated into new working styles and any conceivable workflow.

SYSTEM OVERVIEW

System memory	4 GB
System hard disk	250 GB Standard
Interface	10-Base-T / 100-Base-TX / 1,000-Base-T Ethernet, USB 2.0
Network protocols	TCP/IP (IPv4/IPv6), FTP, SMB v2, SMTP, WebDAV
Frame types	Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP
Document feeder	Up to 300 originals / 5.5" x 8.5" to 11" x 17" / 35–210 gsm Dual scan document feeder
Printable paper size	**Scanning/Copying:** up to 11" x 17" **Printing:** up to 11" x 17" full bleed on 12" x 18" paper Custom paper sizes Banner paper max.: 11.75" x 47.25"
Printable paper weight	52–300 gsm
Paper input capacity	**Standard:** 1,150 sheets / Max.: 6,650 sheets
Tray 1	500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
Tray 2	500 sheets / 5.5" x 8.5" to 12" x 18" / 52–256 gsm
Tray 3 (optional)	500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
Tray 4 (optional)	2 x 500 sheets / 5.5" x 8.5" to 8.5" x 11" / 52–256 gsm
Large capacity tray LU-207 (optional)	2,500 sheets / 8.5" x 11" to 12" x 18" / 52–256 gsm
Large capacity tray LU-302 (optional)	3,000 sheets / 8.5" x 11" / 52–256 gsm
Large capacity tray PC-415 (optional)	2,500 sheets / 8.5" x 11" / 52–256 gsm
Manual bypass	150 sheets / 4" x 6" to 12" x 18" / custom paper sizes / 50–300 gsm
Automatic duplexing	5.5" x 8.5" to 12" x 18" / 52–256 gsm
Finishing modes	Offset, group, staple, sort, punch, half-fold, z-fold, tri-fold, post-insertion, booklet
Output capacity	**Max. with finisher:** 3,200 sheets **Max. without finisher:** 250 sheets
Stapling (optional)	**Max.:** 100 sheets or 94 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	**Max.:** 1,000 sheets
Tri-fold (optional)	Up to 3 sheets
Tri-fold capacity	**Max.:** 30 sheets (tray)
Booklet (optional)	**Max.:** 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	**Max.:** 100 sheets (tray)
Copy/print volume	**Max.:** 250,000 pages/month[1]
Toner lifetime	26,000 pages
Imaging unit lifetime	285,000 pages / 600,000 pages (Drum/Developer)
Power consumption	120 V / 60 Hz, less than 0.5 kW (system)
System dimensions	24.2" x 27" x 38" (W x D x H)
System weight	Approx. 211.64 lb

PRINTER SPECIFICATIONS

Print resolution	1,800 (equivalent) x 600 dpi, 1,200 x 1,200 dpi
PDL	PCL6 (XL 3.0), PCL5c, PostScript 3 (ver. 3016), XPS
Operating systems	Windows (x32/x64): Vista / 7 / 8.1 / 10 Windows Server (x32/x64): 2008 / 2008 R2[3] / 2012[3] Macintosh OS X 10.7 or later Red Hat Enterprise Linux
Printer fonts	80 PCL Latin, 137 PostScript 3
Print functions	Direct Print of PCL, PS, TIFF, XPS, PDF, encrypted PDF files and OOXML (DOCX, XLSX, PPTX), mixmedia and mixplex, "Easy Set" job programming, overlay, watermark, copy protection, carbon copy print

COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri HD Polymerized Toner
Print speed (8.5" x 11")	Up to 55 ppm (portrait)
Print speed (11" x 17")	Up to 27 ppm (portrait)
Autoduplex speed (8.5" x 11")	Up to 55 ppm (portrait)
1st copy out time	3.5 sec.
Warm-up time	Approx. 22 sec.[2]
Copy resolution	600 x 600 dpi
Gradations	256 gradations
Multi-copy	1–9,999
Original format	Up to 11" x 17"
Magnification	25–400% in 0.1% steps, auto zooming
Copy functions	Electronic sorting, multi-job, adjustments (contrast, sharpness, image density), proof copy, interrupt mode, color mode, separate scan, sort/group, combination, original selection, ID card copy, 2-in-1, 4-in-1

SCANNER SPECIFICATIONS

Scan speed	**B&W / Color:** up to 240 ipm
Scan resolution	**Max.:** 600 x 600 dpi
Scan modes	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan
File formats	JPEG, TIFF, PDF, PDF/A 1a and 1b (optional), compact PDF, encrypted PDF and searchable PDF (optional), XPS, compact XPS, PPTX and searchable PPTX (optional), searchable DOCX/XLSX (optional)
Scan destinations	2,100 (shared with fax), LDAP support
Scan functions	Annotation (text/time/date) for PDF, up to 400 job programs, real-time scan preview

FAX SPECIFICATIONS

Fax	Super G3 (optional)
Transmission	Analog, Internet Fax, Color i-Fax, IP-Fax
Resolution	**Max.:** 600 x 600 dpi (ultra-fine)
Compression	MH, MR, MMR, JBIG
Modem	Up to 33.6 Kbps
Destinations	2,100 (single + group)
Functions	Polling, time shift, PC-fax, receipt to confidential box, receipt to email/FTP/SMB, up to 400 job programs

USER BOX SPECIFICATIONS

Storable documents	**Max.:** 3,000 documents or 10,000 pages
Type of user boxes	Public Personal (with password or authentication) Group (with authentication)
Type of system boxes	Secure print, encrypted PDF, fax receipt, fax polling, annotation
User box functionality	Reprint, combination, download, sending (email/FTP/SMB and fax), copy box-to-box

SYSTEM FEATURES

Security	ISO 15408 EAL[4]
	IEEE 2600.1[4]
	IP filtering and port blocking
	SSL2, SSL3 and TSL1.0 network communication
	IPsec support
	IEEE 802.1x support
	FIPS 140-2
	User authentication
	Authentication log
	Secure print
	Hard disk overwrite (8 standard types)
	Hard disk data encryption (AES 128)
	Memory data auto deletion
	Confidential fax receipt
	Print user data encryption
	Copy protection (Copy Guard, Password Copy) optional
Accounting	Up to 1,000 user accounts
	Active Directory support
	(user name + password + email + SMB folder)
	User function access definition
	Optional Biometric authentication (finger vein scanner)
	Optional ID card authentication (ID card reader)
Software	PageScope Net Care Device Manager
	PageScope Data Administrator
	PageScope Box Operator
	PageScope Direct Print
	Print Status Notifier
	Driver Packaging Utility
	Log Management Utility

[1] Maximum monthly duty cycle describes the maximum number of pages a device can output on a monthly basis. This specification is a guideline intended to offer a comparison of durability as it relates to the entire Konica Minolta MFP and printer product line so that the appropriate device can be placed in order to meet customer needs.

[2] Warm-up time may vary depending on the operating environment and usage

[3] Supports x64 only.

[4] Certification pending

COMPONENTS AND OPTIONS

AU-102 Biometric authentication	Finger vein scanner
Dynamag magnetic stripe card reader	Requires WT-506 Working Table
AU-205H Universal ID card reader*	Various ID card technologies
AU-211 CA/PIV solution	Requires WT-506 Working Table
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection, Bluetooth
DK-510 Copier desk	Provides storage space for print media and other materials
FK-514 Fax board	Super G3 fax, digital fax functionality
FK-515 Fax board	Super G3 fax, digital fax functionality, lines 3 & 4 support (requires MK-742)
FS-533 Staple finisher	50-sheet stapling, 500 sheets max. output
FS-536 Staple finisher	50-sheet stapling, 3,200 sheets max. output (requires RU-513)
FS-536SD Booklet finisher	50-sheet staple finisher, 20-sheet booklet finisher, 2,200 sheets max. output (requires RU-513)
FS-537 Staple finisher	100-sheet stapling, 3,200 sheets max. output (requires RU-513)
FS-537SD Booklet finisher	100-sheet stapling, 20-sheet booklet finisher, 2,500 sheets max. output (requires RU-513)
HD-524 Hard disk	Hard disk mirroring, 250 GB
JS-506 Job separator	Separation for fax output, etc.
JS-602 Job separator for FS-537	Separation for fax output, etc.
KH-102 Keyboard holder	To place USB keyboard
KP-101 10-Key pad	For use instead of touchscreen
LK-102 v3	PDF/A, PDF encryption, digital signature
LK-104 v3	Provides voice guidance functions
LK-105 v4	Searchable PDF
LK-106	Supports native barcode printing
LK-107	Supports native Unicode printing
LK-108	Supports native OCR A and B font printing
LK-110 v2	Generates various file formats incl. DOCX, XLSX and combines LK-102 (encrypted PDF) + LK-105 (searchable PDF/OCR functionality)
LK-111 ThinPrint® Client	Print data compression for reduced network impact
LU-207 Large capacity unit	2,500 sheets / 8.5" x 11" to 12" x 18" / 52–256 gsm
LU-302 Large capacity unit	3,000 sheets / 8.5" x 11" / 52–256 gsm
MK-730 Mount kit	Banner paper guide
MK-735 Mount kit	Installation kit for ID card reader
MK-742 Mount kit	Installation kit for FK-515 fax board
OT-506 Output tray	Output tray use instead of finisher
PC-115 Universal tray (x1)	500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
PC-215 Universal tray (x2)	2 x 500 sheets / 5.5" x 8.5" to 11" x 17" / 52–256 gsm
PC-415 Large capacity tray	2,500 sheets / 8.5" x 11" / 52–256 gsm
PI-507 Post inserter for FS-537	Cover insertion, post finishing
PK-519 Punch kit for FS-533	2/3-hole punching, autoswitching
PK-520 Punch kit for FS-536	2/3-hole punching, autoswitching
PK-523 Punch kit for FS-537	2/3-hole punching, autoswitching
RU-513 Relay unit	Required for the FS-537 / FS-537SD, FS-536 / FS-536SD
SC-508 Security kit	Copy Guard function (2x required)
SP-501 Stamp unit	Added fax stamp capability kit
UK-212 Wireless LAN	Wireless LAN to network connector
UK-501 Multi-feed detection kit	Detects multi-feeding in the document feeder
WT-506 Working table	Authentication device placement
ZU-609 Z-fold unit for FS-537	Z-fold for 11" x 17" prints, 2/3-hole punching

*May not be available at time of launch.

KONICA MINOLTA

TECHNOLOGY

bizhub® 808

MONOCHROME HIGH-VOLUME MULTIFUNCTION PRINTER

High-speed print/copy output of 80 ppm in high-quality B&W
Standard dual scanning handles up to 240 originals per minute
High capacity 300-sheet document feeder
INFO-Palette display for instant access to more information
Large 9" color display with quick, tablet-like interface
Web browser ready with 4 GB memory
Downloadable apps to improve your productivity
Simitri® HD toner guarantees excellent print quality
Scan-to-email, scan-to-ftp, scan-to-me, scan-to-home convenience

6,650-sheet capacity, tab printing support, carbon-copy printing
Finishing options for 80-page booklet making, up to 100-sheet stapling
Options for 2/3-hole punch, tri-fold, z-fold, post-insertion and more
Internal card reader and other advanced security options
Optional voice guidance, PDF/A formatting
Multiple i-Options to suit the needs of your workflow
Low power consumption, eco-indicator to help cut costs
EPEAT Gold-certified
Mobile printing support (AirPrint, Google Classic Cloud Print™, NFC)

bizhub 808

MONOCHROME HIGH-VOLUME MULTIFUNCTION PRINTER

With 80 ppm print/copy output in high-resolution B&W, standard dual scanning at up to 240 opm, multiple finishing options and enhanced touch-and-swipe interface, the bizhub 808 brings maximum productivity to high-volume document demands and in-house, on-demand printing applications.

SYSTEM OVERVIEW

System memory	4 GB
System hard disk	250 GB
Interface	10-BASE-T / 100-BASE-TX / 1,000-BASE-T Ethernet, USB 2.0, Wi-Fi 802.11 b/g (optional)
Network protocols	TCP/IP (IPv4/IPv6), NetBEUI, SMB, LPD, IPP, SNMP, HTTP
Frame types	Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP
Dual scan document feeder	Up to 300 originals / 5.5" x 8.5" to 11" x 17" / 35–210 gsm
Printable paper size	**Scanning/Copying:** up to 11" x 17" **Printing:** up to 11" x 17" full bleed on 12" x 18" paper Custom paper sizes, Banner paper max.: 11.75" x 47.25"
Printable paper weight	52–300 gsm
Paper input capacity	**Standard:** 3,650 sheets / **Max.:** 6,650 sheets
Tray 1	500 sheets / 5.5" x 8.5" to 12" x 18" / 52–256 gsm
Tray 2	500 sheets / 5.5" x 8.5" to 12" x 18" / 52–256 gsm
Tray 3	1,500 sheets / 8.5" x 11" / 52–256 gsm
Tray 4	1,000 sheets / 8.5" x 11" / 52–256 gsm
Large capacity tray LU-303 (optional)	3,000 sheets / 8.5" x 11" / 52–256 gsm
Large capacity tray LU-205 (optional)	2,500 sheets / 8.5" x 11" to 12" x 18" / 52–256 gsm
Manual bypass	150 sheets / 4" x 6" to 12" x 18" / custom paper sizes / 52–300 gsm
Automatic duplexing	5.5" x 8.5" to 12" x 18" / 52–256 gsm
Finishing modes	Offset, group, sort, staple, punch, post insertion, z-fold, half-fold, tri-fold, booklet
Output capacity	**Max. with finisher:** 3,300 sheets **Max. without finisher:** 250 sheets
Stapling (optional)	**Max.:** 100 sheets or 94 sheets + 2 cover sheets (up to 209 gsm)
Stapling output capacity	**Max.:** 1,000 sheets
Tri-fold (optional)	Up to 3 sheets
Tri-fold capacity	**Max.:** 30 sheets (tray)
Booklet (optional)	**Max.:** 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	**Max.:** 100 sheets (tray)
Copy/print volume	**Max.:** 300,000 pages / month[1]
Toner lifetime	40,800 pages
Imaging unit lifetime	400,000 pages / 1,200,000 pages (developer)
Power consumption	120 V / 50/60 Hz, less than 2.1 kW
System dimensions	26.4" x 32.3" x 48.5" (W x D x H)
System weight	Approx. 441 lb

PRINTER SPECIFICATIONS

Print resolution	1,800 x 600 dpi, 1,200 x 1,200 dpi
PDL	PCL6 (XL 3.0), PCL5, PostScript 3 (ver. 3016), XPS
Operating systems	Windows (x32 / x64): Vista / 7 / 8 / 8.1 Windows Server: 2003 / 2003 R2 / 2008 / 2008 R2 / 2012 / 2012 R2 Macintosh OS X: 10.6 / 10.7 / 10.8 / 10.9 / 10.10 Unix / Linux / Citrix
Printer fonts	80 PCL Latin, 137 PostScript 3 emulation
Print functions	Direct Print of PCL, PS, TIFF, XPS, PDF (v. 17), encrypted PDF files and OOXML (DOCX, XLSX, PPTX), mixmedia and mixplex, "Easy Set" job programming, overlay, watermark, copy protection, carbon copy print

COPIER SPECIFICATIONS

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri® HD Polymerized Toner
Print speed (8.5" x 11")	Up to 80 ppm (portrait)
Autoduplex speed (8.5" x 11")	Up to 80 ppm (portrait)
1st copy out time	3.6 sec.
Warm-up time	Approx. 100 sec.[2]
Copy resolution	600 x 600 dpi
Gradations	256 gradations
Multi-copy	1–9,999
Original format	Up to 11" x 17"
Magnification	25–400% in 0.1% steps, auto zooming
Copy functions	Chapter, cover and page insertion, proof copy (print and screen), adjustment test print, digital art functions, job setting memory, poster mode, image repeat, overlay, stamping, copy protection

SCANNER SPECIFICATIONS

Scan speed	B&W / Color: Up to 240 ipm
Scan resolution	**Max.:** 600 x 600 dpi
Scan modes	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan
File formats	JPEG, TIFF, PDF, PDF/A 1a and 1b (optional), compact PDF, encrypted PDF and searchable PDF (optional), XPS, compact XPS, PPTX and searchable PPTX (optional), searchable DOCX/XLSX (optional)
Scan destinations	2,100 (shared with fax), LDAP support
Scan functions	Annotation (text/time/date) for PDF, up to 400 job programs, real-time scan preview

FAX SPECIFICATIONS

Fax	Super G3 (optional)
Transmission	Analog, Color i-Fax, IP-Fax
Resolution	**Max.:** 600 x 600 dpi (ultra-fine)
Compression	MH, MR, MMR, JBIG
Modem	Up to 33.6 Kbps
Destinations	2,100 (single + group)
Functions	Polling, time shift, PC-fax, receipt to confidential box, receipt to email/FTP/SMB, up to 400 job programs

USER BOX SPECIFICATIONS

Storable documents	**Max.:** 3,000 documents or 10,000 pages
Type of user boxes	Public Personal (with password or authentication) Group (with authentication)
Type of system boxes	Secure print, encrypted PDF, fax receipt, fax polling
User box functionality	Reprint, combination, download, sending (email/ FTP/SMB and fax), copy box-to-box

SYSTEM FEATURES

Security	ISO 15408 EAL3[3]
	IEEE 2600.1[3]
	IP filtering and port blocking
	SSL2, SSL3 and TSL1.0 network communication
	IPsec support
	IEEE 802.1x support
	User authentication
	Authentication log
	Secure print
	Hard disk overwrite (8 standard types)
	Hard disk data encryption (AES 256)
	Hard disk mirroring (optional)
	Memory data auto deletion
	Confidential fax receipt
	Print user data encryption
	Copy protection: Copy Guard, Password Copy (optional)
Accounting	Up to 1,000 user accounts
	Active directory support
	(user name + password + email + SMB folder)
	User function access definition
	Optional biometric authentication (finger vein scanner)
	Optional ID card authentication (ID card reader)
Software	Net Care Device Manager
	Box Operator
	Direct Print
	Print Status Notifier
	Driver Packaging Utility
	Log Management Utility

[1] Maximum monthly duty cycle describes the maximum number of pages a device can output on a monthly basis. This specification is a guideline intended to offer a comparison of durability as it relates to the entire Konica Minolta MFP and printer product line so that the appropriate device can be placed in order to meet customer needs.
[2] Warm-up time may vary depending on the operating environment and usage.
[3] Certification pending.

COMPONENTS AND OPTIONS

AU-102 Biometric authentication	Finger vein scanner
AU-205H Universal ID Card Reader	Various ID card technologies
EK-610 USB I/F kit	USB keyboard connection
EK-611 USB I/F kit	USB keyboard connection, Bluetooth
External keyboard	External USB keyboard
FK-515 Fax board	Super G3 fax, digital fax functionality, lines 3 & 4 support (requires MK-742)
FK-516 Fax board	Super G3 fax, digital fax functionality
FS-536 Staple finisher	50-sheet stapling / 3,200 sheets max. output (requires RU-515)
FS-536SD Booklet finisher	50-sheet staple finisher / 20-sheet booklet finisher / 2,200 sheets max. output (requires RU-515)
FS-537 Staple finisher	100-sheet stapling / 3,200 sheets max. output (requires RU-515)
FS-537SD Booklet finisher	100-sheet stapling / 20-sheet booklet finishing / 2,500 sheets max. output (requires RU-515)
HD-524 Hard disk	Hard disk mirroring, 250 GB
JS-602 Job separator	Separation for fax output, etc.
KH-102 Keyboard holder	To place USB keyboard
KP-101 10-Key pad	For use instead of touchscreen
LK-102 v3	PDF/A, PDF encryption, digital signature
LK-104 v3	Provides voice guidance functions
LK-105 v4	Searchable PDF
LK-106	Supports native barcode printing
LK-107	Supports native Unicode printing
LK-108	Supports native OCR A and B font printing
LK-110 v2	Generates various file formats includes DOCX, XLSX and combines LK-102 (encrypted PDF) + LK-105 (searchable PDF/OCR functionality)
LK-111 ThinPrint® Client	Print data compression for reduced network impact
LU-205 Large capacity unit	2,500 sheets / 8.5" x 11" to 12" x 18" / 52–256 gsm
LU-303 Large capacity unit	3,000 sheets / 8.5" x 11" / 52–256 gsm
MK-715 Mount kit	Banner paper guide
MK-735 Mount kit	Installation kit for ID card reader
MK-742 Mount kit	Installation kit for FK-515 fax board
OT-508 Output tray	Output tray use instead of finisher
PI-507 Post inserter	Cover insertion, post finishing
PK-520 Punch kit for FS-536	2/3-hole punching, autoswitching
PK-523 Punch kit for FS-537	2/3-hole punching, autoswitching
RU-515 Relay unit	Required for the FS-536 / FS-536SD / FS-537 / FS-537SD
SC-508 Security kit	Copy guard function
SP-501 Stamp unit	Added fax stamp capability
UK-501 Double feed detection kit	Detects multi-feeding in the document feeder
UK-212 Wireless LAN	Wireless LAN to network connector
WT-506 Working table	Authentication device placement
WT-513 Working table for upright panel	Used to mount the control panel in an upright position, authentication device placement
ZU-609 Z-fold unit	Fold unit for FS-537/SD

KONICA MINOLTA

Giving Shape to Ideas

- Up to 55 ppm print/copy output to keep pace with rising demands
- Standard dual scanning handles up to 240 originals per minute
- High capacity 300-sheet document feeder
- Large 10.1" color display with quick tablet-like touchscreen interface
- Scan-to-email and FTP, scan-to-me, scan-to-home convenience
- Built-in Emperon® print system, universal printer drivers
- Simitri® HD polymerized toner for high-resolution imaging
- Standard 250 GB HDD for on-board document storage
- Web browser with 4 GB of memory
- ISO 15408 and IEEE 2600.1 Security standards
- Power-saving design with quick recovery from sleep mode
- 6,650-Sheet maximum capacity, tab printing support, carbon-copy printing
- Advanced authentication, secure print release, remote firmware updates
- Multiple bypass tray and detachable paper feed trays improve paper handling
- Finishing options for 80-page booklet-making, up to 100-sheet stapling
- Option for 2/3-hole punch, tri-fold, z-fold, post-insertion and more
- Downloadable apps to help you work faster and smarter
- Multiple i-Options to suit the needs of your workflow
- EPEAT Gold-certified, low power consumption to cut costs
- Mobile printing support (AirPrint, Google Cloud Print, NFC)

bizhub C558

COLOR MID-VOLUME MULTIFUNCTION PRINTER

mfp

mfp

bizhub C558

COLOR MID-VOLUME MULTIFUNCTION PRINTER

bizhub C558

If your workload is growing, the bizhub C558 is the MFP solution you've been searching for – with 55 ppm print/copy output in superior Simitri HD color or cost-effective B&W. The C558 also offers standard dual scanning at up to 240 opm, 6,650-sheet maximum paper capacity, enhanced touch-and-swipe operation on the large 10.1 inch control panel and full solution integration.

System Overview

System memory	4 GB
System hard disk	250 GB Standard
Interface	10-BASE-T/100-BASE-TX/1,000-BASE-T Ethernet, USB 2.0
Network protocols	TCP/IP (IPv4/IPv6), SMB, LPD, IPP, SNMP, HTTP, HTTPS
Frame types	Ethernet 802.2, Ethernet 802.3, Ethernet II, Ethernet SNAP
Dual scan document feeder	Up to 300 originals / 5.5" x 8.5" to 11" x 17" / 35-210 gsm
Printable paper size	**Scanning/Copying:** up to 11" x 17" **Printing:** up to 11" x 17" full bleed on 12" x 18" paper Custom paper sizes Banner paper max.: 11.75" x 47.25"
Printable paper weight	52-300 gsm
Paper input capacity	**Standard:** 1,150 sheets / **Max.:** 6,650 sheets
Tray 1	500 sheets / 5.5" x 8.5" to 11" x 17" / 52-256 gsm
Tray 2	500 sheets / 5.5" x 8.5" to 12" x 18" / 52-256 gsm
Tray 3 (optional)	500 sheets / 5.5" x 8.5" to 11" x 17" / 52-256 gsm
Tray 4 (optional)	2 x 500 sheets / 5.5" x 8.5" to 8.5" x 11" / 52-256 gsm
Large capacity tray LU-207 (optional)	2,500 sheets / 8.5" x 11" to 12" x 18" / 52-256 gsm
Large capacity tray LU-302 (optional)	3,000 sheets / 8.5" x 11" / 52-256 gsm
Large capacity tray PC-415 (optional)	2,500 sheets / 8.5" x 11" / 52-256 gsm
Manual bypass	150 sheets / 4" x 6" to 12" x 18" / custom paper sizes / 50-300 gsm
Automatic duplexing	5.5" x 8.5" to 12" x 18" / 52-256 gsm
Finishing modes	Offset, group, sort, staple, punch, half-fold, z-fold, tri-fold, post-insertion, booklet
Output capacity	**Max. with finisher:** 3,300 sheets **Max. without finisher:** 250 sheets
Stapling (optional)	**Max.:** 100 sheets or 94 sheets + 2 cover sheet (up to 209 gsm)
Stapling output capacity	**Max.:** 1,000 sheets
Tri-fold (optional)	Up to 3 sheets
Tri-fold capacity	**Max.:** 30 sheets (tray)
Booklet (optional)	**Max.:** 20 sheets or 19 sheets + 1 cover sheet (up to 209 gsm)
Booklet output capacity	**Max.:** 100 sheets (tray)
Copy/print volume	**Max.:** 200,000 pages/month[1]
Toner lifetime	**Black:** 28,000 pages / **CMY:** 26,000 pages
Imaging unit lifetime	**Black:** 145,000 pages / 600,000 pages (Drum / Developer) **CMY:** 130,000 pages / 600,000 pages (Drum / Developer)
Power consumption	120 V / 60 Hz, less than 0.5 kW (system)
System dimensions	24.2" x 27" x 38" (W x D x H)
System weight	Approx. 242.5 lb

Copier Specifications

Copying process	Electrostatic laser copy, tandem, indirect
Toner system	Simitri® HD Polymerized Toner
Print speed (8.5" x 11")	**B&W / Color:** up to 55 ppm (Portrait)
Print speed (11" x 17")	**B&W / Color:** up to 27 ppm (Portrait)
Autoduplex speed (8.5" x 11")	**B&W / Color:** up to 55 ppm (Portrait)
1st copy out time	**B&W:** 3.5 sec. / **Color:** 4.4 sec.
Warm-up time	Approx. 22 sec.[2]
Copy resolution	600 x 600 dpi
Gradations	256 gradations
Multi-copy	1-9,999
Original format	Up to 11" x 17"
Magnification	25-400% in 0.1% steps, auto zooming
Copy functions	Electronic sorting, multi-job, adjustments (contrast, sharpness, image density), proof copy, interrupt mode, color mode, separate scan, sort/group, combination, original selection, ID card copy, 2-in-1, 4-in-1

Printer Specifications

Print resolution	1,800 x 600 dpi, 1,200 x 1,200 dpi
PDL	PCL6 (XL 3.0), PCL5e/c, PostScript 3 (ver. 3016), XPS
Operating systems	Windows (x32/x64): XP / Vista / 7 / 8 Windows Server (x32/x64): 2003 / 2008 / 2008 R2[3] / 2012[3] Macintosh OS X 10.7 or later Linux / Citrix
Printer fonts	80 PCL Latin, 137 PostScript 3
Print functions	Direct Print of PCL, PS, TIFF, XPS, PDF, encrypted PDF files and OOXML (DOCX, XLSX, PPTX), mixmedia and mixplex, "Easy Set" job programming, overlay, watermark, copy protection, carbon copy print

Printer Specifications (Optional)

Print controller	Embedded Fiery IC-416 (VI-510 required)
Memory/HDD	2 GB / 160 GB
PDL	PostScript 3 (ver. 3019) PCL 6/5c
Operating systems	Windows (x32/x64): XP / Vista / 7 / 8 Windows Server (x32/x64): 2003 / 2008 / 2008 R2[3] / 2012[3] Macintosh OS X 10.8 or later

Scanner Specifications

Scan speed	**B&W / Color:** up to 240 ipm
Scan resolution	**Max.:** 600 x 600 dpi
Scan modes	Scan-to-Email, Scan-to-SMB, Scan-to-FTP, Scan-to-Box, Scan-to-USB, Scan-to-WebDAV, Scan-to-DPWS, Network TWAIN scan
File formats	JPEG, TIFF, PDF, PDF/A 1a and 1b (optional), compact PDF, encrypted PDF and searchable PDF (optional), XPS, compact XPS, PPTX and searchable PPTX (optional), searchable DOCX/XLSX (optional)
Scan destinations	2,100 (shared with fax), LDAP support
Scan functions	Annotation (text/time/date) for PDF, up to 400 job programs, realtime scan preview

Fax Specifications

Fax	Super G3 (optional)
Transmission	Analog, Internet fax, Color i-Fax, IP-Fax
Resolution	**Max.:** 600 x 600 dpi (ultra-fine)
Compression	MH, MR, MMR, JBIG
Modem	Up to 33.6 Kbps
Destinations	2,100 (single + group)
Functions	Polling, time shift, PC-fax, receipt to confidential box, receipt to Email/FTP/SMB, up to 400 job programs

User Box Specifications

Storable documents	**Max.:** 3,000 documents or 10,000 pages
Type of user boxes	Public Personal (with password or authentication) Group (with authentication)
Type of system boxes	Secure print, encrypted PDF, fax receipt, fax polling, annotation
User box functionality	Reprint, combination, download, sending (Email/FTP/SMB and fax), copy box-to-box

System Features

Security	ISO 15408 EAL[4] IEEE 2600.1[4] IP filtering and port blocking SSL2, SSL3 and TSL1.0 network communication IPsec support IEEE 802.1x support FIPS 140-2 User authentication Authentication log Secure print Hard disk overwrite (8 standard types) Hard disk data encryption (AES 128) Memory data auto deletion Confidential fax receipt, Print user data encryption Copy protection (Copy Guard, Password Copy) optional
Accounting	Up to 1,000 user accounts Active Directory support (user name + password + Email + SMB folder) User function access definition Optional Biometric authentication (finger vein scanner) Optional ID card authentication (ID card reader)
Software	PageScope Net Care Device Manager PageScope Data Administrator PageScope Box Operator PageScope Direct Print Print Status Notifier Driver Packaging Utility Log Management Utility

[1] Maximum monthly duty cycle describes the maximum number of pages a device can output on a monthly basis. This specification is a guideline intended to offer a comparison of durability as it relates to the entire Konica Minolta MFP and printer product line so that the appropriate device can be placed in order to meet customer needs
[2] Warm-up time may vary depending on the operating environment and usage
[3] Supports x64 only
[4] Certification pending

Components and Options

AU-102 Biometric authentication	Finger vein scanner
AU-204H Universal ID card reader	Magnetic stripe card reader: requires WT-506 Working table
AU-205H Universal ID card reader*	Various ID card technologies
AU-211 CAC/PIV solution	Requires WT-506 Working Table
EK-608 USB I/F kit	USB keyboard connection
EK-609 USB I/F kit	USB keyboard connection, Bluetooth
DK-510 Copier desk	Provides storage space for print media and other materials
FK-514 Fax board	Super G3 fax, digital fax functionality
FK-515 Fax board	Super G3 fax, digital fax functionality, lines 3 & 4 support (requires MK-742)
FS-533 Staple finisher	50-sheet stapling, 500 sheets max. output
FS-536 Staple finisher	50-sheet stapling, 3,200 sheets max. output
FS-536SD Booklet finisher	50-sheet staple finisher, 20-sheet booklet finisher, 2,500 sheets max. output
FS-537 Staple finisher	100-sheet stapling, 3,200 sheets max. output
FS-537SD Booklet finisher	100-sheet stapling, 20-sheet booklet finisher, 2,500 sheets max. output
HD-524 Hard disk	Backup HDD
IC-416 Fiery image controller	Embedded image controller for graphics-intensive applications
JS-506 Job separator	Separation for fax output, etc.
JS-602 Job separator for FS-537	Separation for fax output, etc.
Keyboard	External keyboard (requires KH-102)
KH-102 Keyboard holder	To place USB keyboard
KP-101 10-Key pad	For use instead of touchscreen
LK-102 v3 PDF enhancements	PDF/A, PDF encryption, digital signature
LK-104 v3 Voice guidance	Provides voice guidance functions
LK-105 v4 OCR text recognition	Searchable PDF
LK-106 Barcode fonts	Supports native barcode printing

Components and Options (Continued)

LK-107 Unicode fonts	Supports native Unicode printing
LK-108 OCR A and B fonts	Supports native OCR A and B font printing
LK-110 v2 Enhanced image support	Generates various file formats incl. DOCX, XLSX and combines LK-102 (encrypted PDF) + LK-105 (searchable PDF/OCR functionality)
LK-111 ThinPrint® Client	Print data compression for reduced network impact
LU-207 Large capacity unit	8.5" x 11" to 12" x 18", 2,500 sheets / 52-256 gsm
LU-302 Large capacity unit	8.5" x 11", 3,000 sheets / 52-256 gsm
MK-730 Mount kit	Banner paper guide
MK-735 Mount kit	Installation kit for ID card reader
MK-742 Mount kit	Installation kit for FK-515 fax board
OT-506 Output tray	Output tray used instead of finisher
PC-115 Universal tray (x1)	5.5" x 8.5" to 11" x 17", 500 sheets, 52-256 gsm
PC-215 Universal tray (x2)	5.5" x 8.5" to 11" x 17", 2 x 500 sheets, 52-256 gsm
PC-415 Large capacity tray	8.5" x 11", 2,500 sheets, 52-256 gsm
PI-507 Post inserter for FS-537	Cover insertion, post finishing
PK-519 Punch kit for FS-533	2/3-hole punching, autoswitching
PK-520 Punch kit for FS-536	2/3-hole punching, autoswitching
PK-523 Punch kit for FS-537	2/3-hole punching, autoswitching
RU-513 Relay unit	Required for FS-537/FS-537SD and FS-536/FS-536SD
SC-508 Security kit	Copy Guard function (2x required)
SK-602 Staple kit	Added stapling functionality kit
SP-501 Stamp unit	Added fax stamp capability kit
UK-212 Wireless LAN	Wireless LAN to network connector
UK-501 Multi-feed detection kit	Detects multi-feeding in the document feeder
VI-510 Interface kit for IC-416	Fiery controller interface card
WT-506 Working table	Authentication device placement
ZU-609 Z-fold unit for FS-537	Z-fold for 11" x 17" prints, 2/3-hole punching

* May not be available at time of launch.

Agenda Item
11.2
Fevruary 25, 2019

LINCOLN
CONSOLIDATED SCHOOLS

Output Technology Plan

Powered by: APPLIED IMAGING 100

LINCOLN CONSOLIDATED SCHOOLS

Why Applied Imaging

***Applied Imaging** – Service Focused*

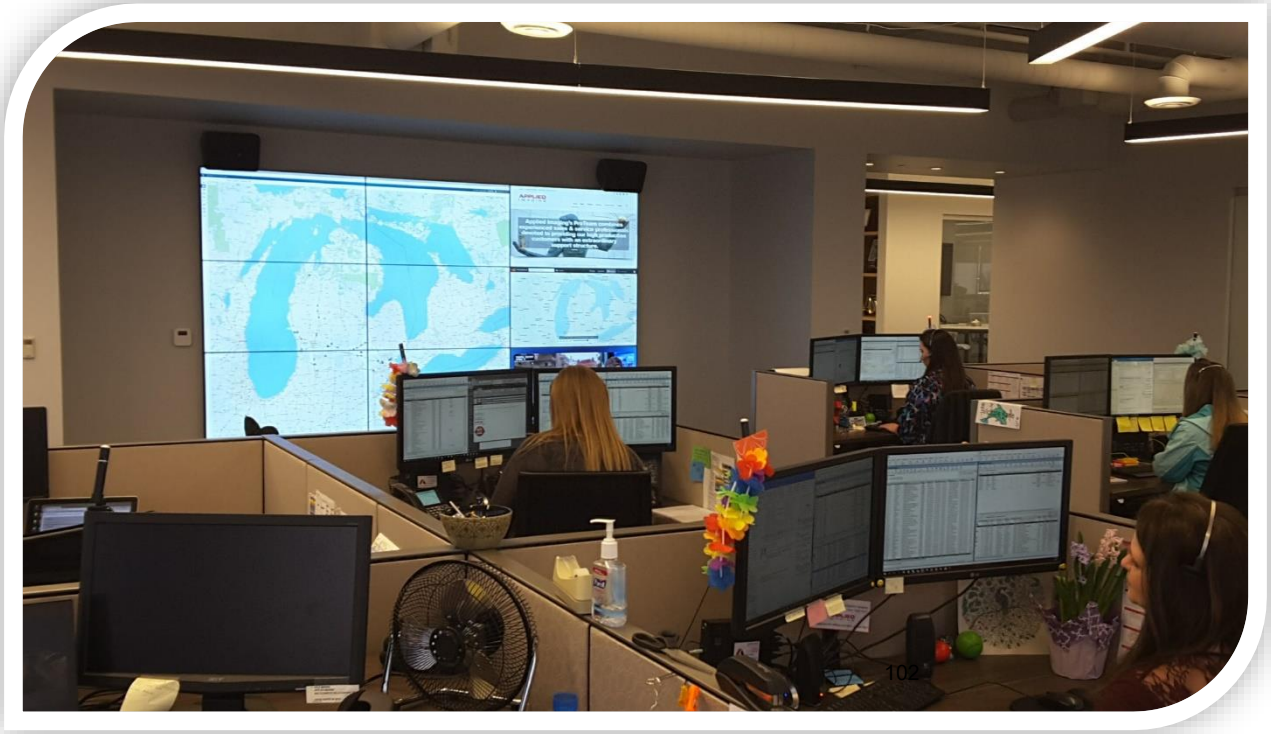
- Local decision making
- Client focused
- **Passionate about** – *servicing our clients,* offering ***best in class products***
- Tier 1 technology support
  - Internal
  - Client | Partner
- Dynamic product knowledge
  - Solutions Team(s)

APPLIED IMAGING

LINCOLN
CONSOLIDATED SCHOOLS

Why Applied Imaging

- LOCAL # to call
- LIVE dispatch (answer in 2 rings)
- Cross trained (Service or Supply)
- Service tech in CLC (customer loyalty center)
- Network tech in CLC (customer loyalty center)



APPLIED
IMAGING

Why Applied Imaging

FAST • FRIENDLY • AMAZING •

LINCOLN CONSOLIDATED SCHOOLS

- ✓ A.I. Wrapped Vehicles
- ✓ A.I. Logo-wear
- ✓ Security Badges
- ✓ Segmented, Specialized and Assigned Technicians
- ✓ 2 - 4 Hour on-site response time (call within an hour)

APPLIED IMAGING

LINCOLN CONSOLIDATED SCHOOLS

Why Applied Imaging

- Consultative Assessment
- Copy | Print | Scan | Fax
  - Applications | Solutions
- End User feedback
  - Current Processes
- Volumes
  - Color vs. BW
- Standardize
- Recycling Program
- Fleet Management
- Reducing carbon footprint initiatives
- Business Reviews

TRUE PARTNERSHIP

APPLIED IMAGING

LINCOLN
CONSOLIDATED SCHOOLS

Program Goals

- Refresh Aging Fleet
- Standardize devices
- Standardized toner
- More functionality at the building level
- Program for Printers
- You cannot track what you cannot measure
- Color in schools – Controllable
- Reporting program
- Redundancy
- Auto meter reporting
- Auto toner

LINCOLN CONSOLIDATED SCHOOLS

Future Tech Plan

Canon®

40PPM Color devices in all main offices

- Default to monochrome
- Controllable at the building level
- Fax kits for reception
- Fax drivers pushed out “PC faxing from desktop”

PaperCut MF

PaperCut – Reporting Structure for Principals

- Printing “trends”
- Redundancy (Follow you printing)
- Easy scanning solution (scan to me)
- Integration with Google Cloud Print
- IOS and Android Support
- Rules and Routing – informed printing.

LINCOLN CONSOLIDATED SCHOOLS

Future Tech Plan

Leverage current owned assets (Printers)

- ✓ Monochrome printers in media centers, labs and classrooms
- ✓ Color printers in media centers, labs and classrooms
- ✓ 5 year replacement guarantee (we can not fix, we replace at no cost)
- ✓ Program includes on-site service, all parts, supplies and labor
- ✓ Fixed cost per print for duration of contract
- ✓ Leverage reaming fleet as “hot swap” devices
- ✓ Same 2 - 4 hour response time

LOW Cost per page monochrome and color

Proposed Solution

Elementary Schools

3 - 5 Monochrome MFP's, 1 Color MFP

Middle School

4 Monochrome MFP's, 1 Color MFP

High School & Admin

11 Monochrome MFP's, 2 Color MFP

TOTAL

28 – Monochrome Devices

7 – Color Devices

60 - Month Lease $3,599.00

Monochrome Impressions billed @ $0.0034

Color Impressions billed @ $0.042

60 – Month Lease PaperCut MF **$694.00**

Student Trip Approval Form

This form must be completed by the sponsor(s) of the proposed trip requiring Board approval.

Sponsor(s) Kerri McKelvey, Bruce Jewell, Dawn Johnson Building/Department Brick

Type of Trip:

- ☐ Class Trip (Curriculum related) Grade Level or Class Subject 5th
- ☒ Class Trip (Recreational or Entertainment) Grade Level 5th
- ☐ Club/Organization-Specify ☐ Educational ☒ Rec or Entertain
- ☐ Athletic-Specify _____ Purpose Fifth Grade Camp
- ☐ Fine Arts-Specify _____ Purpose _____
- ☐ Other-Specify _____ Purpose _____

Destination and General Information:

Departure: Date April 3, 2019 Time(estimated) 9:00
Return: Date April 5, 2019 Time(estimated) 2:00
Destination: Howell Conference and Nature Center

☐ Destination is Over 200 miles from School ☒ Destination requires overnight stay
☐ Traveling out of state

If none of the boxes are checked, complete form and submit to Building Administrator.
If any of the boxes are checked, complete form and submit to Building Administrator AND Board of Education 120 days before planned departure date.

If students will miss more than one school day, how many days will they miss? 3
Attach detailed itinerary of trip to this form.

Trip Coordination:

☒ Planned by School Staff
☐ Planned by Tour/Travel Co. Name and Address _____

Telephone _____

☐ Used successfully before by District ☐ First time used by District
Attach letters of reference to this form. (at least three needed)
Number of proposals/bids submitted by other co.'s _____ Attach documentation.

Educational Objectives/Purpose:

The students will participate in several activities that connect with building community and teamwork.

Attach additional information if needed.

Participants:

How many student participants are expected? 94
How many adult participants are expected? 20 How many are school personnel? 3
Will there be any other participants? (Specify) _____

Mode of Transportation:

☒ Lincoln Dept. Of Transportation Number of Buses needed 2
☐ Private Carrier Name and Address _____

Telephone _____

☐ Used successfully before by District ☐ First time used by District
Attach letters of reference to this form. (at least three needed)
Number of proposals/bids submitted by other co.'s _____ Attach documentation.

☐ Airline-Specify _____
☐ Other-Specify _____

Funding:

Anticipated Cost to Student $173.00 ☒ Cost is all-inclusive? ☐ Additional costs necessary Attach Explanation

Anticipated Cost to Adults $90.00 ☒ Cost is all-inclusive? ☐ Additional costs necessary Attach Explanation

Board Policy prohibits discrimination on the basis of the ability to pay.

☐ Scholarships/Subsidies NOT available

☒ Scholarships/Subsidies available Identify Source of Funds Brick PTO

If Class funds are used did whole class vote? Y/N

☒ Fundraising activities were conducted to aid in payment.
Attach Explanation

Health and Safety Provisions:

☐ Standard District Permission Form Used
☒ Alternate Permission Form Used-Attach blank copy
☒ Emergency Contact Information will be with Sponsor
☐ Emergency Contact Information will be available through school
☒ Standard Student Code of Conduct will apply
☒ Alternate Student Code of Conduct will apply-Attach copy

Cancellation:

☒ If trip is cancelled, participants will receive a full refund.
☐ If trip is cancelled, participants will receive a partial refund. Attach explanation.
If trip is scheduled through a Private carrier or Tour/Travel Company attach a copy of their cancellation policy.

Submitted by: (Signature indicates that you have reviewed Policy No. 2340)

Terri McKelvey — Signature of Sponsor* — 1-11-19 — Date

Paul Robinett — Signature of Administrator* — 1-11-19 — Date

If trip requires Board Approval, both sponsor and Administrator will be required to be present when proposal is submitted for review to the Board of Education.

Trip is: _____Approved _____Denied

If denied, reason: _____

_____

_____

_____

_____

_____ Authorized Signature

_____ Date

Howell Nature Center
1005 Triangle Lake Road
Howell, MI
48843

p.: 517-546-0249
f.: 517-546-1677
rachaelc@howellnaturecenter.org
www.howellnaturecenter.com

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Howell Nature Center

Registration Confirmation Agreement

TODAY'S DATE: January 10, 2019
RESERVATION MADE ON: January 10, 2019

Brick Elementary (GN,WD,WW)(95k)
8970 Whittaker Rd
Ypsilanti, MI 48197

Primary Contact

Kerri McKelvey
8970 Whittaker Rd
Ypsilanti MI 48197
Cell: 137-377-8283
mckelveyk@lincolnk12.org

Billing Information

Kerri McKelvey
8970 Whittaker Rd
Ypsilanti MI 48197

DETAILS

Arriving:	Wednesday April 3, 2019 10:00AM
Departing:	Friday April 5, 2019 1:00PM
First Meal:	
Last Meal:	
Age Group:	5th grade

Deposit: $4087 **Rate: $173/student**

Special Needs

Catering	Yes
Health Officer	No
Linens	No
Bottled Water	No

Additional Equipment

TV/VCR:	No
Screen:	No
Overhead:	No
Slide Projector:	No
Flipchart Stand:	No
Podium:	No
Markers/Dry Erase:	No
Grill:	No

Reservations

Name	From	To	Notes
Grindley	Apr 3	Apr 5	$173/student, 1 chaperone /8 students $86.50, any additional full price, no charge for teachers
Woodland	Apr 3	Apr 5	
Wildwings	Apr 3	Apr 5	
Adaptations	Apr 3	Apr 5	
Archery	Apr 3	Apr 5	
Capture the Flag	Apr 3	Apr 5	
Orienteering 1	Apr 3	Apr 5	
Survival with Fire & Shelter Building	Apr 3	Apr 5	
Myth Crackers: Common Animal Myths	Apr 3	Apr 5	
Campfire	Apr 3	Apr 5	2nd night
Dance	Apr 3	Apr 5	2nd night
Songfest	Apr 3	Apr 5	1st night

Code of Conduct to Qualify for 5th Grade Camp

Dear Families,

Our 5th graders have the opportunity to attend a reward-based field trip in April. It is an overnight event that will be a wonderful opportunity for the students to build memories that will last a lifetime. We will be attending 5th-grade camp at the Howell Nature Center. Your child's choices in behavior here at school will determine whether or not they are eligible to attend. What this means is that your child must adhere to school rules throughout the year according to district, building and classroom handbooks. Any three ODR's from Thursday, December 20, 2018 forward, will leave your child ineligible to attend.

We truly want all of our 5th graders to have this AMAZING experience. We are rooting for them to make positive choices and to do the right thing. We are holding them to a high, but reasonable, standard for this to happen for them. Thank you for your support in this matter. Please sign, date and return this page by Jan. 11, 2019. Your child will not be eligible to go without this coming back to school.

SAFETY MATTERS

Sincerely,

Your 5th Grade Teachers

and

School Principal, Mrs. Robinette

We have read the code of conduct form for the 5th grade overnight. We understand the behavior that is expected of our child at school in order for them to attend this trip. We are fully aware that this is a reward-based field trip; therefore it is a privilege for our child to attend. We also fully understand that if our child is not responsible, respectful and safe in their choices, they will be creating a situation for themselves where they are not eligible to attend this field trip.

Parent Signature_____ Date:_____

Student Signature_____ Date:_____

Howell Nature Center

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Health History and Release Form

Dates and Name of Camp Attending: _____

Camper Name _____ DOB _____ Gender ___ Height___ Weight ___

Home Address _____
Street Address City State Zip

Custodial Parent/Guardian _____ Home/Cell Number _____

Email Adress _____

Emergency Contact _____
Name Phone Relationship

Insurance Information

Is the participant cover by family medical/hospital insurance? Yes ___ No ___

Policy Holder's Name _____

Carrier or Plan Name _____ Policy # _____

Doctor Information

Name of family physician _____ Phone _____

Emergency Medication: Does your child require the following? EPI-PEN ___ RESCUE INHALER ___ OTHER ____

Please Describe _____

_____

_____

Allergies and Dietary Restrictions

Does your child have any allergies? (Please check one)

No known allergies ___

This Camper is alergic to (circle any that apply) Food Drug/Medicine Environmental (stings, bites)

Please describe allergic reaction details, dates, etc. _____

_____

_____

Does your child have any dietary restrictions?

This camper has no restrictions ___

Yes, my child has the following restrictions: _____

_____

_____

1005 Triangle Lake Road
Howell, MI 48843
Office (517) 546-0249
Wildlife Helpline (517) 548-5530
howellnaturecenter.org

Medication Being Taken ☐ This person takes NO Medication on a routine basis.

Please list all medications (including over-the-counter nonprescription drugs) taken routinely. Bring enough medication to last the entire time at camp. Keep it in the original packaging/bottle that identifies the prescribing physician (If prescription drug), the name of the medication, the dosage, and the frequency of administration.

This person takes medications as follows:

Medication	Dosage	Times					Reason
		Breakfast	Lunch	Dinner	Bedtime	Other	

Over-the-Counter Medication

☐ I hereby give permission to administer the over-the-counter medications listed below, or their generic equivalents if the Camp Health Officers deem it necessary. Dosages will be administered according to directions on the bottle unless a physician directs otherwise.

OR Please cross out (X) any medication that your child cannot take.

Acetaminophen Antacids Antibiotic Creams Antihistamines Calamine Lotion Eye Drops
Ibuprofen Insect Repellent Pepto-Bismol Sunburn Spray/Cream (Solarcaine) Sunscreen

Immunizations

My Child's Vaccinations are Up to Date/Current: ☐ YES ☐ NO Please Initial_____ Date_____

Health History (explain "Yes" answers below)

Does the camper have or have a history of:

1.Asthma/Inhaler	YES NO	13. Eating Disorder	YES NO	25. Respiratory Ailments	YES NO
2. Back pain	YES NO	14. Epilepsy	YES NO	26. Seizures	YES NO
3. History of bedwetting	YES NO	15. Hay Fever	YES NO	27. Sinus Infections	YES NO
4. Behavioral issues	YES NO	16. Headaches	YES NO	28. Skin Problems	YES NO
5. Bleeding disorder	YES NO	17. Hearing Problems	YES NO	29. Sore Throats	YES NO
6. Cancer	YES NO	18. Hernia	YES NO	30. Speech Problems	YES NO
7. Coristipation/Diarrhea	YES NO	19. Homesickness	YES NO	31. Stomach Aches	YES NO
8. Depression	YES NO	20. Irritable Bowel Syndrom	YES NO	32. Urinary Tract Infections	YES NO
9. Developmental Delays	YES NO	21. Lice.	YES NO	33. Uses Eyes Glasses/Contacts	YES NO
10. Diabetes	YES NO	22. Mental Health Issues	YES NO	34. Visual Problems	YES NO
11. Downs Syndrome	YES NO	23. Motion Sickness	YES NO	35. Other	YES NO
12. Ear Infections	YES NO	24. Pneumonia.	YES NO		

Please explain "Yes" Answers:

_____

_____

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Which of the following has the camper had?
Measles ☐ Chicken Pocks ☐ Mumps ☐ German Measles ☐ Hepatitis A or B or C ☐ Mono (past year) ☐

Does your child have any restriction on activity? YES NO _____

_____

Does your child require any special assistance while at camp? YES NO _____

_____

What have we forgotten to ask? Please use the space below (attach any extra notes) to provide us with any information that will help your camper be successful while they're at camp. This can include information pertaining to their social behavior, physical needs, or emotional habits. Do they need an aide in school, are they shy, do they need to be reminded to use the restroom, etc. Any information that may affect their participation in camp programs and potential accommodations are useful.

_____

_____

_____

Parent/Guardian Authorizations: This health history is correct and complete as far as I know, and the person herein described has permission to engage in all camp activities except as noted. I give permission for the camp First Aid personnel to provide routine health care, administer prescribed medications, and first aid treatment on site. I hereby give permission for HNC staff to administer the medication provided and listed on this form to my child I agree to the release of any records necessary for treatment, referral, billing, or insurance purposes. I give permission to the camp to arrange necessary related transportation for my child, in the event I cannot be reached in an emergency. I give permission to the physician or the aforementioned camp First Aid personnel to hospitalize, secure proper and/or routine treatment, and to order injection, anesthesia, x-rays, or surgery for my child in the event I cannot be reached in an emergency. This completed form may be photocopied for trips out of camp. I understand that the Howell Nature Center may take certain reasonable recording of this camping event. I hereby authorize the HNC to have and use reasonable photographs, video, and audio/video records of my child for purposes of legitimate HNC records, public relations, and/or advertising.

_____ _____
(Signature of parent or guardian) Date

_____ _____
(Signature of parent or guardian) Date

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Catered Meal Form

Please fill out this form completely and return it at least four weeks prior to your visit.

School: _____

Today's Date: _____ Reservation Date(s): _____

Contact Person: _____

Work Phone: _____ Cell Phone: _____ Home Phone: _____

Fax: _____

Email Address: _____

Best Contact Method: work___ cell___ home email ___ (please check one)

Number of Students: _____ Number of Adults: _____ Number of Vegetarian Meals: _____

Day Group Overnight Group Bringing Sack Lunch 1st Day Overnight Group Catered Incoming Lunch
(please circle one)

Please list any food allergies or other special dietary needs for participants or chaperones:

_____

_____

_____

_____

_____

_____

_____

_____

For catering questions or concerns, please contact the HNC at 517-546-0249

School group catering menus are pre-determined by the food service department. All groups onsite at the HNC will be served the same menu at each meal. Menu substitutions and special requests are an option, but will be subject to an additional charge. Vegetarian options will be prepared according to the number requested, and will correspond with the meal being served.

All meals include beverages, fruit, salad and/or veggies, and dessert. Meal times may vary depending on your program schedule, but typically breakfast is served at 8:00, lunch is at 12:30 and dinner is at 5:30.

Snacks are provided each night during or after the evening programs. The food service department will determine which type of snack is served. S'mores are provided as the snack if your group has campfire as part of the night activities.

There is a 15-person minimum* charge for catered meals.
**Varies based on building reserved.*

1005 Triangle Lake Road
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Office (517) 546-0249
Wildlife Helpline (517) 548-5530
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Howell Nature Center

1005 Triangle Lake Rd. Howell, MI 48843 Office # 517-546-0249 Fax # 517-546-1677 www.howellnaturecenter.org

ADULT ASSUMPTION OF RISK AND WAIVER OF ALL LIABILITY

Name _____ Age _____ Birth Date (Month/Year) _____
Address_____ City_____ State_____ Zip_____
Cell Phone _____ Work Phone_____ Today's Date _____

I fully realize that participation in the high ropes, low ropes, initiatives, obstacle, zip line tower, wall climbing courses ("Courses"), Global Village, activities and all Environmental Education classes involves psychologically and physically challenging situations and that my participation in the same could result in sprains, cuts, rope burns and/or abrasions or more serious injury. I acknowledge that the Howell Nature Center ("HNC ") has/will informed me of all required safety regulations and that my failure to follow the regulations and instructions may result in serious injury.
I understand that a physician should be consulted before participation in these courses if I have one of the following conditions: are pregnant, have a back condition, high blood pressure or a heart condition. I understand that an inhaler for exercise induced asthma, an Epi-pen for severe insect allergies or any other medication needed for a chronic medical condition should be brought with me to the challenge courses. I acknowledge that my participation in the courses means I accept the dangers that are open, obvious and necessary to these activities.

In consideration for the right to participate in the courses, activities and classes, I individually and collectively for myself, my heirs, executors, administrators and assigns **do waive and release any and all claims by me or on behalf of me for property loss, personal injury, emotional distress, wrongful death, product liability, strict liability and/or negligent rescue which may incur against the Howell Nature Center, (HNC), its sponsors, agents, representatives, board members, employees, contractors and suppliers for any and all damages which I might sustain and suffer in connection with my participation in the courses at HNC.**
The HNC has my permission to secure emergency care for me if necessary. I accept full responsibility for the cost of any treatment for any injury suffered while participating in the courses.

AUTHORIZATION FOR AUDIO/VISUAL RECORDS

I understand that the Howell Nature Center may take certain reasonable recording of this camping event. I herby authorize the HNC to have and use reasonable photographs, video, and audio/video records of my child for purposes of legitimate HNC records, public relations, and/or advertising.

MEDICAL STATEMENT

I recognize that climbing can be a strenuous endeavor requiring me to be in good physical condition.
I am listing below those conditions I have that could restrict my participation in the Challenge Courses.

_____ _____

Medications currently taking:

_____ _____

I further certify that to the best of my knowledge, I attest that I have disclosed all information that could restrict my participation in this activity.

_____

PARTICIPANT'S SIGNATURE **DATE**

2-1-17

Howell Nature Center

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Agreement to Participate for MINORS

Group/School/Camp Name _____ Today's Date_____

Name _____ Age _____ DOB _____

Address_____ City_____ State___ Zip_____

Parent/Guardian's Names _____

Home # _____ Work #_____ Cell # _____

Email Address _____

I understand that at the Howell Nature Center, I am expected to follow all the rules as presented by the Challenge Program facilitator, Ropes staff, & EE staff including, but not limited to: listening and following safety instructions, running is not allowed, no negative comments to other participants, respect for adults in charge and other participants, and positive encouragement given to other participants.

I fully realize that participation in the high ropes, low ropes, initiatives, obstacle, tower, zip line, wall climbing courses ("Courses"), Global Village, and all Environmental Education classes involves psychologically and physically challenging situations and that my participation in the same could result in injuries including but, not limited to: sprains, cuts, rope burns and/or abrasions or more serious injury. I acknowledge that the Howell Nature Center ("HNC") has/will informed me of all required safety regulations and that my failure to follow the regulations and instructions may result in serious injury.

_____

PARTICIPANT'S SIGNATURE DATE

I understand that a physician should be consulted before participation in these courses if my child has one of the following conditions: is pregnant, has a back condition, high blood pressure or a heart condition. I understand that an inhaler for exercised induced asthma, an Epi-pen for severe insect allergies or any other medication needed for a chronic medical condition should be brought with my child to the challenge courses. I acknowledge that my child's participation in the Courses means I accept the dangers that are open, obvious and necessary to these activities.

I agree to hold the **Howell Nature Center, its sponsors, agents, representatives, board members, employees, contractors and suppliers harmless for any and all damages which my child might sustain and suffer in connection with my child's participation in the Courses, programs, and activities at HNC.**

The HNC has my permission to secure emergency care for my child if necessary. I accept full responsibility for the cost of any treatment for any injury suffered while participating in the Courses.

AUTHORIZATION FOR AUDIO/VISUAL RECORDS

I understand that the Howell Nature Center may take certain reasonable recording of this camping event. I herby authorize the HNC to have and use reasonable photographs, video, and audio/video records of my child for purposes of legitimate HNC records, public relations, and/or advertising.

MEDICAL STATEMENT

I recognize that climbing can be a strenuous endeavor requiring my child to be in good physical condition. I am listing below those conditions my child has that could restrict my child's participation in the Challenge Courses, and activities while at camp at the HNC.

Medications currently taking: _____

I further certify that to the best of my knowledge, I attest that I have disclosed all information that could restrict my child's participation in this activity.

_____

PARENT/GUARDIAN SIGNATURE DATE

_____

PARENT/GUARDIAN SIGNATURE DATE

1005 Triangle Lake Road
Howell, MI 48843
Office (517) 546-0249
Wildlife Helpline (517) 548-5530
howellnaturecenter.org

Agenda Item
11.3
February 25, 2019

Came from Howell Nature Center

Chaperone Guidelines

Your Role as a Chaperone

Congratulations! By agreeing to become a chaperone, you have agreed to an exciting yet challenging experience. The information here is designed to help you prepare for your role as a chaperone. If at any time you are unsure of your role, please ask your Group Host. We thank you for taking time to attend camp, and hope you have an enjoyable experience!

- You will be the cabin supervisor at night. This means that you are responsible for maintaining a safe environment and ensuring that participants get an adequate amount of sleep. Please double check with your teachers to make sure you have all relevant information regarding specific camper requirements within your cabin (i.e a camper who may sleepwalk should be on a lower bunk, etc). Camp quiet hours begin at 10:00pm, and end at 7:00am.
- As part of your cabin supervisor responsibilities, you will be responsible for the hygiene of campers as well as the cleanliness of the cabin.
- During the day you will travel with an Activity Group. The camp staff will look to you to help manage behavior concerns, or contact teachers if necessary. During some activities it will be completely appropriate for you to participate, however some activities are meant only for the students.
- You are responsible for making sure campers are on time for activities and meals.
- Please set good examples of appropriate behavior, language and attitude.

All chaperones at camp are expected to follow certain policies. These include:

- Smoke only in designated areas, and never in front of campers.
- Maintain a positive, enthusiastic attitude during programs and activities.
- Do not allow your behavior to interfere with the campers' learning experience. This includes allowing students to figure out challenges without adult help.
- Alcohol and drugs are not permitted at the Howell Nature Center.
- Medications may not be in the bunk rooms. Please lock any medications in your vehicle, or ask your Group Host to store it in our medicine cabinets.
- For your own protection and the protection of all campers, always use the buddy system when accompanying campers around camp. Always insure the ratio is 2:1, and never be alone with a camper.
- Physical punishment of any kind (calisthenics, exercise, hitting, kicking, pushing, hazing or deprivation of sleep or food) is strictly prohibited by State Law and Camp Policy.

Chaperone Guidelines (Continued)

Cabin Supervision

It is very important that chaperones be in the cabin anytime there are students in the cabin. Please ensure that campers keep the living area clean and tidy. At the end of each evening's program, campers will return to cabins accompanied by chaperones. Once back in the cabins, it is the chaperones responsibility to make sure all cabin rules are followed for everyone's safety. These rules include but are not limited to: no running, only one person on a bed, bunks are to be used for nothing other than sleeping and any other posted rules. Please help ensure that quiet hours are observed. You'll want your rest!

Program Supervision

Program Instructors will lead each activity. ***Chaperones are asked to be directly involved in the supervision of students during these activities.*** This will insure that behavior issues do not take away from the experience or the safety of the students. Instructors may often offer chaperones the opportunity to join the activity, but this will not always be the case, especially during classes where time and proper supervision are critical to providing campers with a positive experience, such as High Adventure and Waterfront programs. The Howell Nature Center reserves the right to ask participants to leave camp grounds.

Dining Hall Supervision

The main role of a chaperone in the Dining Hall is to help ensure a relaxed, clean and organized environment. This includes reinforcing manners, proper indoor behavior, and clean-up procedures. Please read the schedule closely, and ensure that your group arrives on time for their assigned hopper duties. This role will be explained during orientation.

Fundraising

Dear Parents, December 21, 2018

The fifth grade students at Brick will be selling Little Caesars Pizza Kits as a fundraiser for camp. Each box sold will give your child $6.00 towards camp. The amount that your child sells would be put towards their camp total. Even if your child is not going to camp and you would like to help sell, the money will be put into a community fund where it will be split between the students that are committed to going. If you sell more than the cost of camp the money will also be placed in the community fund for others.

Payment is expected when the order is placed. On January 13th the fundraiser will come to a close. The orders along with payment either cash or one check made out to Lincoln Consolidated Schools (NOT BRICK) will be due by Monday the 14th. Kits would need to be picked up on Wednesday, January 30th from 5:30-6:30 at Brick Elementary. We do not have room to store all the kits so we do need you to pick them up on that day between 5:30 and 6:30.

On line orders are also accepted. The supporters would go to PizzaKit.com....click on Products...click on shop then add the following information.

Group Fundraiser Id- 362210

The product can be shipped directly to you (additional charges for shipping and handling) or to us and we can disperse it on the delivery day (January 30th from 5:30-6:30).

Any questions please contact Ms. Johnson at extension 7532.

Thank You and Happy Fundraising,

Mr. Jewell, Ms. Johnson and Mrs. McKelvey

LINCOLN CONSOLIDATED SCHOOLS

AGENDA ITEM REQUEST

Completion of this form will help us prepare accurate and complete agendas and explanatory notes for consideration by the Board of Education. It will also ensure timely consideration and/or approval of your request.

Group/Individual Making Request: Curriculum Development Committee

Contact Person: Kevin B. Upton Phone/Email: 734-484-7445

Topic of Agenda Item: Lincoln High School Course Proposals

Background Data: (To assist in writing corresponding explanatory notes)

The attached proposals are for courses to be added to the Lincoln High School 2019-2020 Course Description Book. The proposals have been reviewed and approved by the Curriculum Development Committee.

Desired Board Action:_____Informational only_____Board action required____X_____

Please keep in mind that in most circumstances, Board policy calls for a two-meeting review of all agenda items requiring action. Incomplete information could result in additional delays.

Board meeting date-First reading: 1/28/19

Board meeting date-Second reading & approval (If required): 2/11/19 (If needed)_____

Who will attend meeting to present request and answer questions? Kevin B. Upton, Nicole Holden

Requests and all supporting documentation MUST be received in the Superintendent's office no later than noon the Friday prior to the Executive Committee meeting the week before the scheduled Board of Education meeting. Late requests will be deferred to the following agenda and may compromise your deadline.

Submitted By: Kevin B. Upton

1/11/19
Date

Building/Department Head: Kevin B. Upton

1/11/19
Date

Curriculum/Program/Course Proposal or Change to Course Form

Form is available on the Curriculum Dept. Web Site and in the Curriculum folder on the Common Server.
Submit to Curriculum Department by December 1st of the current school year for implementation the following school year.

Name(s):

Vinti Pathak	**High School**
Chair	*Building*
Kim Kryznski	**High School**
Co-Chair	*Building*
Dominic Rosa	**High School**
Committee Member (s)	*Building*

Course/Project/Program/Change Title: **Anatomy and Physiology**

Course/Project/Program/Change Description (as it will read in the course description book and other district communications): **Students will be delving into the processes associated with the human body, in order to further their understand of Biology and who we are as a species. They will be looking at the structure (anatomy) and function (physiology) of various body systems. There will be some dissection included in order to compare our body systems to those that closely resemble us.**

Type of Proposal:

Course Proposal ☐ Text/Software Adoption☐ Program/Curriculum Adoption☒

Course Description Change ☐ Course Credit Requirement Change ☐

Other (*please describe)*: _____

Targeted Students: **Sophomore, Junior, and Senior students whom have met all prerequisites and plan to further their exploration within the field of Biology, focusing on the structures and processes within the Human Body.**

Prerequisites: **Biology, and one year of Algebra.**

student must have earned a C+ or better in all the prerequisite classes. Teacher recommendation is required, at least for First year.

Appendix A - Page 2

Number of sections: **1 (One)** Credits earned (MS/HS): **1 (One)**

Length of course: Semester ☐ Year ☐ Quarter☐ Other: _____

Names of Current teacher(s) to be involved: **Dominic Rosa or any faculty member with a DA, DX, or DI endorsement, such as Gretchen Contreras, Sarah Catalfio, or Kimberly Krzynski,**

Additional staff needed: Total new FTE needed N/A

Project/Program/Course/Change Purpose: **The purpose of this course is to expose students to a more expansive look at the way that their bodies operate as a system.**

Expected Measurable Program or Change Outcomes/Goals: **This course will use expectations set by the Next Generation Science Standards and content expectations that are agreed upon by myself and the other Biology teachers. We have agreed on what we believe encompasses a comprehensive curriculum for learning Anatomy and Physiology. The goal is for students to find a more in-depth understanding of the basics in Human Anatomy and Physiology, in order to find an interest in the fields of Medicine and Biology.**

What assessments will be used to measure program goals?

- **Students will do formative and summative lab assessments including dissection and analysis of different body systems.**
- **Student created procedures to analyze living body systems through labs and various medical sensors to gather data.**
- **Students will take pre/post unit tests to show growth and understanding of content.**
- **Students will create and conduct physiological investigations.**

Appendix A - Page 3

What is the need/problem this course/project/program or change will attempt to satisfy?

The need for this course actually comes from the restructuring of the Biology curriculum. In order to fit the information that is required in the general Biology course, one of the things that had to be cut was the Anatomy and Physiology unit, which was pretty cut down as it was. The goal of this course is to give students the option of exploring this part of Biology in a more comprehensive class, where the only focus is on Human Biology. In more exact detail, students will dive into Physiological and Anatomical questions as to how their bodies work.

Describe the program in detail including goals, objectives, targeted students, and number of students to be served.

Goal: To provide students with the opportunity to expand their knowledge within the field of Biology and to give them the opportunity to gain more in depth knowledge about the way that the human body operates.
Objective: to provide students with a setting to explore the concepts associated with Human Biology within a scientific lab setting, to identify how a properly working body functions and analyze possible health issues that could arise in each system, to give students the opportunity to work with equipment and specimens in a hands on capacity.
Targeted students: Sophomores, Juniors, and Seniors who meet all required prerequisites and wish to expand their knowledge and explore the Human Body more in depth than in the general Biology course.
Number of students: 20-32 students. Essentially anyone who is interested and qualifies for this course.

Cite supporting research and data as to why this program will be successful (if available).

The Anatomy and Physiology course is being constructed from the ground up to incorporate the structure and function of the Human Body into an inquiry driven, student focused curriculum, based on the NGSS. This class will give students a chance to delve into a more directed part of Biology that has been de-emphasized in the NGSS.

Explain other resources involved or required, i.e. staff, administration, building, fiscal, community, etc.:

- **Possible trips to a local college to see medical facilities.**
- **Possible guest experts to present information about their field or study.**

Create a **detailed and complete,** curriculum outline and scope and sequence, including concepts and skills, vocabulary, benchmarks, and instructional materials list, which can be found in (Appendix B) and inserted here, or attached.

I. Intro to Anatomy and Physiology

1. Define Anatomy and Physiology
2. List and describe the levels of structural organization of the human body.
3. Define and give examples of the 6 life processes of humans.
4. Define homeostasis and explain its importance.
5. Describe the components of a feedback system.
6. Compare the operation of negative and positive feedback systems.
7. Distinguish between symptoms and signs of a disease.
8. Describe the anatomical position.
9. Identify major regions of the body:
cephalic, cervical, upper limb, lower limb, thoracic, abdominal, pelvic, plantar, palmar
10. Define

a. directional terms:
superior, inferior anterior, posterior
medial, lateral superficial, deep
proximal, distal

b. and anatomical planes and sections used to locate parts of the human body : frontal, transverse, midsaggital, parasagittal,

11. Locate the principal body cavities:
cranial, vertebral, thoracic (pleural, pericardial) abdominopelvic (abdominal, pelvic).
12. Explain the practice of dividing the abdominopelvic cavity into 9 regions and/or 4 quadrants. Be able to label regions and quadrants.
13. Compare local and systemic diseases.
14. Define epidemiology, geriatrics, pathology, and pharmacology.

II. Tissues and Integumentary System

List the four types of tissues.

epithelial tissue

1. Describe general features and functions of epithelial tissue.
2. List and define the shapes of epithelial cells.
3. List and define the layer types in epithelial tissue.
4. Explain the function of: cilia, microvilli, goblet cells.
5. Describe the function of glandular tissue, and the difference between endocrine and exocrine glands.

connective tissue

1. Discuss the general features and functions of connective tissue.
2. List the functions of fibroblasts, macrophages, plasma cells, mast cells, adipocytes.
3. Describe the components of extracellular matrix, including
    1. three types of ground substance
    2. three types of fibers in connective tissue. (Basic- how much do they stretch, bend, etc.).
4. List the five types of connective tissue, characteristics and functions of each.
5. Differentiate blood and lymph.
6. Identify the function of the three types of blood cells.

membranes

1. Identify the two layers of most membranes.
2. Differentiate mucous membranes, serous membranes, and synovial membranes.

muscular tissue

1. Describe the functions of muscular tissue.
2. List the three types of muscle tissue.

nervous tissue

1. Describe the functions of nervous tissue.
2. Describe the two principal types of nerve cells.

Describe the role of tissue repair in restoring homeostasis.

Rate cell types on their capacity to replicate.

III. Skeletal and Joints

List and describe the functions of bone and the skeletal system.

Classify bones on the basis of their shape and function:

A. Long, short, flat, irregular

Describe the parts of the typical long bone, and the function of those parts:

B. Epiphysis, diaphysis, articular cartilage, periosteum, endosteum, medullary cavity

List bone cells, locations and functions:

C. Osteogenic cells, osteoblasts, osteocytes, osteoclasts

Describe the structure and function of compact bone.

Describe the structure and function of spongy bone.

Describe (generally) the two types of ossification:

D. Intramembranous ossification

E. Endochondral ossification

Describe how bones grow in length and width. Identify the source of the new bone tissue.

Discuss the process of bone remodeling.

List and describe the types of fractures, and how they heal.

List factors affecting bone growth.

Describe bone's role in calcium homeostasis, and the role of the parathyroid and thyroid glands.

Describe the effects of exercise on bone tissue.

Compare the axial and appendicular skeletons.

Describe and explain the functions of sutures, fontanels, sinuses.

Describe the normal curves of the vertebrae and how they develop from the single curve of an infant.

Compare the male and female skeleton.

List factors that affect an aging skeletal system.

IV. Muscular System

Describe and compare the three types of muscular tissue.

Explain the functions of muscular tissue.

Explain the relationship of connective tissue, blood vessels, and nerves to skeletal muscles

Describe the anatomy (histology) of a skeletal muscle, down to a single fiber, including membranes.

Describe the structure and function of myosin and actin.

Describe the structure and function of a sarcomere.

Explain how skeletal muscles contract and relax.

A. describe the anatomy of a neuromuscular junction

B. list the chain of events that cause a muscular contraction

Explain the sliding filament mechanism of muscle contraction.

Describe how muscles relax after a contraction.

What is muscle tone, and how is it maintained?

Describe the three ways that ATP is provided for muscle contraction.

Describe oxygen debt and recovery oxygen uptake, and why they are necessary.

Compare the three types of skeletal muscle fibers.

Describe wave summation.

Describe the affects of aging on skeletal muscle.

Describe how skeletal muscles cooperate to produce movement.

V. Nervous System

Compare and contrast the general functioning of the nervous system and the endocrine system.

List the structures and basic functions of the nervous system.

a. brain, cranial nerves, spinal cord, spinal nerves, ganglia, sensory receptors

Describe the three basic functions of the nervous system.

Contrast characteristics and the functions of *neurons* …..

a. Structure of neurons*: cell body, dendrites, axon, axon terminals, synapse, synaptic end bulbs, synaptic vesicles.*

b. Classification of neurons:

i. structural

ii. *functional* : sensory(afferent), motor(efferent), interneurons (association) know the functions of each

…..and *neuroglia* – general functions as a group unless expanded on elsewhere

Explain *myelination*, role of myelination in the nerve impulse…

a. myelin sheath, nodes of Ranvier, Schwann cells, oligodendrocytes

Define *nerve*, and *tract*.

Distinguish between *gray matter* and *white matter*.

Describe the functions and list the structures of the *central nervous system* (CNS).

Describe the *peripheral nervous system*, and contrast the *somatic nervous system* (SNS), *autonomic nervous system* (ANS), and *enteric nervous system* (ENS).

Within the ANS, contrast the *sympathetic* and *parasympathetic* divisions.

Describe the structures at a synapse, functions and the function of neurotransmitters.

a. Presynaptic neuron, postsynaptic neuron, synaptic cleft

1. Spinal Cord Structure

Describe how the spinal cord is protected.

Describe the structure of the spinal cord

1. anterior and posterior roots
2. anterior and posterior horns
3. anterior and posterior columns
4. gray matter and white matter

Describe the functions of the spinal cord.

Describe the components and function of the reflex arc.

Explain what is meant by a “mixed nerve.”

Describe the coverings around spinal nerves.

Describe a plexus

Components of the reflex arc.

5. Sensory receptor
6. Sensory neuron
7. Integrating center
8. Motor neuron
9. Effector

Discuss how the brain is protected, and supplied with blood.

Describe CSF – components, function, production.

Name and locate the major parts of the brain and explain the basic functions of each part. (see chart pg 275)

Describe and know the functions of

1. gyri/sulci
2. longitudinal fissure, central sulcus
3. white matter vs. gray matter
4. location and functions of lobes

Compare sensory areas, motor areas, association areas: function and general locations.

Describe lateralization.

Explain electroencephalogram.

VI. Blood and Cardiovascular System

Describe the functions and composition of blood.

whole blood:

plasma

formed elements (cells)

Know the functions of the types of blood cells:

Erythrocytes – red blood cells

Leukocytes – white blood cells

- Neutrophils
- Monocytes (macrophages)
- Mast cells
- Eosinophils
- Basophils
- B-lymphocytes
- T-lymphocytes
- Natural Killer cells

Thrombocytes – platelets

Describe erythropoiesis

Role of the kidneys and erythropoietin

Role of negative feedback

Describe the various mechanisms that prevent blood loss –

Differentiate hemostasis and hemorrhage

Three steps of hemostasis

Process of blood clotting

- Role of clotting factors
- Prothrombin -> thrombin -> fibrin

Describe ABO and Rh blood groups.

differentiate antigens and antibodies

agglutination

process of blood typing

Describe the location of the heart and the structure and functions of the pericardium.

Describe the layers of the heart wall and the chambers of the heart.

epicardium

myocardium

endocardium

atria

ventricles

interatrial septum

interventricular septum

Identify the major blood vessels that enter and exit the heart.

inferior and superior vena cavae

coronary sinus

pulmonary trunk – pulmonary arteries

pulmonary veins

compare oxygenated and deoxygenated blood

Describe the structure and functions of the valves of the heart.

atrioventicular valves

- bicuspid
- tricuspid

- semilunar
  - aortic valve
  - pulmonary valve
- chordae tendineae
- papillary muscles

Blood Flow and Blood Supply of the Heart

- direction of blood flow through the heart
- coronary circulation

Explain how each heartbeat is initiated and maintained.

- pacemaker/conduction system
- sinoatrial node
- atrioventricular node

Describe the meaning and diagnostic value of an electrocardiogram.

- pqrst waves

Describe the phases of the cardiac cycle.

- relaxation
- atrial systole
- ventricular systole

Define cardiac output, explain how it is calculated, and how it is regulated.

- Autonomic regulation
  - baroreceptors
  - chemoreceptors
- chemical regulation

Compare the structure and function of the different types of blood vessels.

- arteries, arterioles, capillaries, venules, veins
- differentiate vasodilation, vasoconstriction; what and why

Describe how substances enter and leave the blood in the capillaries.

- precapillary sphincters
- capillary exchange
  - blood pressure - filtration
  - blood (colloid) osmotic pressure – reabsorption

Explain how venous blood returns to the heart.

- skeletal muscle pump
- respiratory pump

Define blood pressure and describe how it varies throughout the systemic circulation.

Identify the factors that affect blood pressure and vascular resistance.

Describe how blood pressure and pulse are measured.

VII. Respiratory System

List and describe the three basic steps of respiration.
Describe the structure and functions of the
- nose – nares, septum, cilia, mucous membranes
- pharynx – three divisions
- larynx – thyroid cartilage, epiglottis, voice box
- trachea- cartilage
- bronchi – levels of branching
- bronchioles
- lungs – membrane layers, lobes, alveoli

Be able to locate and label the structures of the respiratory system.
Explain how inhalation and exhalation take place – pressure and volume changes.
Define tidal volume and vital capacity.
Describe the exchange of oxygen and carbon dioxide between air and blood, and between blood and body cells. – partial pressures
Describe how blood transports oxygen and carbon dioxide.
- factors influencing release of O_2 by hemoglobin
- three forms of CO_2 transport

Explain how the nervous system controls breathing and list the factors that can alter the rate and depth of breathing.

VIII. Digestive System

List and explain the functions of the digestive system.
Compare mechanical and chemical digestion.
Identify the organs of the digestive system and their locations **and** functions, both mechanical and chemical.

a. Mouth
b. Salivary glands – three names, locations
c. Tongue -
d. Teeth – types of teeth, functions
e. Esophagus
f. Stomach
g. Pancreas
h. Liver and gall bladder
i. Small intestine – duodenum, jejunum, ileum
j. Large intestine – ascending colon, transverse colon, descending colon

Identify each enzyme involved in digestion, where it is produced, where it works, and what it does…(see list in notes)
Describe the four layers that form the wall of the gastrointestinal tract.
Describe the three phases of digestion.
Describe the major hormones that regulate digestive activities.

IX. Urinary System

List and describe the functions of the urinary system.
- Regulation of ion levels
- Regulation of blood volume and blood pressure
- Regulation of blood pH

Describe and label the structures of the kidneys.
- Renal capsule
- Renal cortex
- Renal medulla
- Renal pyramids
- Renal pelvis
- Collecting duct

Describe the blood supply of the kidneys – note abbreviated list
- Renal artery
- Afferent arterioles
- Glomerular capillaries
- Efferent arterioles
- Renal vein

Describe and label the structure of a nephron.

Identify the three basic functions of the nephron and where each occurs.

Explain filtration rate.

List the components of urine.

Describe the structure and functions of the ureters, urinary bladder, and ureters.

X. Lymphatic and Immune System

Create a **detailed** program budget noting funding sources:

Description	**Amount**	**Funding Source**
Salaried Personnel including Benefits (if new teacher is required)		
N/A		
Supplies/Materials/Texts		

Lab Sensors and Labquests (Vernier Package)	$14000	
Textbooks (Introduction to the Human Body, Tortora and Derrickson)	$5000	
Lab Specimens and other models for lab examination	$6000	
Transportation		
N/A		

Administrative Use Only

CDC Approval

Approved for implementation by CDC ☑ Date **1/11/19**

Approval pending the following modifications ☐ _____

_____

_____

Proposal Denied ☐

_____ **1/11/19**

Executive Director of Curriculum Signature **Date**

1/11/19

Appendix A - Page 1

Curriculum/Program/Course Proposal or Change to Course Form

Form is available on the Curriculum Dept. Web Site and in the Curriculum folder on the Common Server.
Submit to Curriculum Department by December 1st of the current school year for implementation the following school year.

Name(s):

Steven Mientkiewicz — *Chair*

High School — *Building*

Course/Project/Program/Change Title: **Computer Science Discoveries A**

Course/Project/Program/Change Description (as it will read in the course description book and other district communications): **Computer Science Discoveries A (CS Discoveries A) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. CS Discoveries is designed to be an accessible and engaging course for all students, regardless of background or prior experience. It provides students opportunities to engage with culturally and personally relevant topics in a wide variety of contexts and aims to show all students that CS is for them.**

Type of Proposal:
Course Proposal ☒ Text/Software Adoption ☐ Program/Curriculum Adoption ☒
Course Description Change ☐ Course Credit Requirement Change ☐

Other (*please describe*): _____

Targeted Students: **Grades 9-12**

Prerequisites: **None**

Appendix A - Page 2

Number of sections: **Depends on number of students who sign up** Credits earned (MS/HS): **0.5**

Graded (Elementary/MS): YES☐ NO ☐
(For elementary, please attach a separate list of the proposed Report Card competencies)

Length of course: Semester ☒ Year ☐ Quarter☐ Other: _____

Names of Current teacher(s) to be involved: **Steven Mientkiewicz**

Additional staff needed: Total new FTE needed 0

_____ _____
classification (i.e. teacher, parapro, etc.) certification required

Project/Program/Course/Change Purpose: **To meet the interests of the student body. To offer courses that will allow students to explore Computer Science. Computer science opens more doors than any other discipline. Learning the basics will help students in any career—from architecture to zoology. 71% of all US jobs require digital skills. And high-skilled computing occupations are the fastest-growing, best-paying, and now the largest sector of all new wages in the US. 9 out of 10 parents want schools to teach computer science (Gallup poll), and students rank it among their favorite subjects, behind only art and music. Just as they learn how to write an essay or how electricity works, it's important for every 21st century student to have a chance to learn how the internet works or design an app.**

Expected Measurable Program or Change Outcomes/Goals: **Students are successful in the course through completion of the course. Measured via grades and course projects and course completion.**

What assessments will be used to measure program goals?

Course Assessments by unit and projects.

What is the need/problem this course/project/program or change will attempt to satisfy?

A survey was sent to all current high school students. Students want Computer Science classes at the high school. See attached results

Describe the program in detail including goals, objectives, targeted students, and number of students to be served.

Computer Science Discoveries A (CS Discoveries A) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The course will cover: Problem Solving, Web Development, Animations and Games, The Design Process, Data and Society & Physical Computing.

CS Discoveries was written using both the K-12 Framework for Computer Science and the newly revised 2017 CSTA standards as guidance. Currently, every lesson in CS Discoveries contains mappings to the relevant 2017 CSTA standards. Course is available to all students who are interested in Computer Science. Especially females and minority students. Both are underrepresented in Computer Science.

Cite supporting research and data as to why this program will be successful (if available).

https://code.org/promote/morestats

Explain other resources involved or required, i.e. staff, administration, building, fiscal, community, etc.:

Access to current lab at high school. Items listed in program budget.

Create a **detailed and complete,** curriculum outline and scope and sequence, including concepts and skills, vocabulary, benchmarks, and instructional materials list, which can be found in (Appendix B) and inserted here, or attached. **See attached Curriculum Guide**

Create a **detailed** program budget noting funding sources:

Description	Amount	Funding Source
Salaried Personnel including Benefits (if new teacher is required)		
Supplies/Materials/Texts		
Aluminum Foil, Containers for Water, Playing cards, Misc supplies	$250	District Funding
2 Classroom sets of Circuit Playgrounds	$650	District Funding
Transportation		

Administrative Use Only

CDC Approval

Approved for implementation by CDC ☑ Date **1/11/19**

Approval pending the following modifications ☐ _____

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Proposal Denied ☐

_____ **1/11/19**

Executive Director of Curriculum Signature **Date**

Curriculum/Program/Course Proposal or Change to Course Form

Form is available on the Curriculum Dept. Web Site and in the Curriculum folder on the Common Server.
Submit to Curriculum Department by December 1st of the current school year for implementation the following school year.

Name(s):

Steven Mientkiewicz — *Chair*

High School — *Building*

Course/Project/Program/Change Title: **Computer Science Discoveries B**

Course/Project/Program/Change Description (as it will read in the course description book and other district communications): **Computer Science Discoveries B (CS Discoveries) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. CS Discoveries is designed to be an accessible and engaging course for all students, regardless of background or prior experience. It provides students opportunities to engage with culturally and personally relevant topics in a wide variety of contexts and aims to show all students that CS is for them.**

Type of Proposal:
Course Proposal ☒ Text/Software Adoption ☐ Program/Curriculum Adoption ☒
Course Description Change ☐ Course Credit Requirement Change ☐

Other (*please describe*): _____

Targeted Students: **Grades 9-12**

Prerequisites: **Must have earned credit in Computer Science Discoveries Part A**

Appendix A - Page 2

Number of sections: **Depends on number of students who sign up** Credits earned (MS/HS): **0.5**

Graded (Elementary/MS): YES☐ NO ☐
(For elementary, please attach a separate list of the proposed Report Card competencies)

Length of course: Semester ☒ Year ☐ Quarter☐ Other: _____

Names of Current teacher(s) to be involved: **Steven Mientkiewicz**

Additional staff needed: Total new FTE needed 0

_____ _____
classification (i.e. teacher, parapro, etc.) certification required

Project/Program/Course/Change Purpose: **To meet the interests of the student body. To offer courses that will allow students to explore Computer Science. Computer science opens more doors than any other discipline. Learning the basics will help students in any career—from architecture to zoology. 71% of all US jobs require digital skills. And high-skilled computing occupations are the fastest-growing, best-paying, and now the largest sector of all new wages in the US. 9 out of 10 parents want schools to teach computer science (Gallup poll), and students rank it among their favorite subjects, behind only art and music. Just as they learn how to write an essay or how electricity works, it's important for every 21st century student to have a chance to learn how the internet works or design an app.**

Expected Measurable Program or Change Outcomes/Goals: **Students are successful in the course through completion of the course. Measured via grades and course projects and course completion.**

What assessments will be used to measure program goals?

Course Assessments by unit and projects.

What is the need/problem this course/project/program or change will attempt to satisfy?

A survey was sent to all current high school students. Students want Computer Science classes at the high school. See attached results.

Describe the program in detail including goals, objectives, targeted students, and number of students to be served.

Computer Science Discoveries B (CS Discoveries B) is an introductory computer science course that empowers students to create authentic artifacts and engage with computer science as a medium for creativity, communication, problem solving, and fun. The course will cover: Problem Solving, Web Development, Animations and Games, The Design Process, Data and Society & Physical Computing.

CS Discoveries was written using both the K-12 Framework for Computer Science and the newly revised 2017 CSTA standards as guidance. Currently, every lesson in CS Discoveries contains mappings to the relevant 2017 CSTA standards. Course is available to all students who are interested in Computer Science. Especially females and minority students. Both are underrepresented in Computer Science.

Cite supporting research and data as to why this program will be successful (if available).

https://code.org/promote/morestats

Explain other resources involved or required, i.e. staff, administration, building, fiscal, community, etc.:

Access to current lab at high school. Items listed in program budget.

Create a **detailed and complete,** curriculum outline and scope and sequence, including concepts and skills, vocabulary, benchmarks, and instructional materials list, which can be found in (Appendix B) and inserted here, or attached. **See attached Curriculum Guide**

Create a **detailed** program budget noting funding sources:

Description	Amount	Funding Source
Salaried Personnel including Benefits (if new teacher is required)		
Supplies/Materials/Texts		
Same materials as Computer Science Discoveries A proposal.		
Transportation		

Administrative Use Only

CDC Approval

Approved for implementation by CDC ☑ Date **1/11/19**

Approval pending the following modifications ☐ _____

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Proposal Denied ☐

_____ **1/11/19**

Executive Director of Curriculum Signature **Date**

Curriculum/Program/Course Proposal or Change to Course Form

Form is available on the Curriculum Dept. Web Site and in the Curriculum folder on the Common Server.
Submit to Curriculum Department by December 1st of the current school year for implementation the following school year.

Name(s):

Steven Mientkiewicz — *Chair*

High School — *Building*

Course/Project/Program/Change Title: **Computer Science Principles A**

Course/Project/Program/Change Description (as it will read in the course description book and other district communications): **Computer Science Principles A: Computer Science Principles A introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. This course will also explore Apple Computers Swift Programming Language and use its free curriculum and iPad app.**

Type of Proposal:
Course Proposal ☒ Text/Software Adoption ☐ Program/Curriculum Adoption ☒
Course Description Change ☐ Course Credit Requirement Change ☐

Other (*please describe*): _____

Targeted Students: **Grades 9-12**

Prerequisites: **Credit in Computer Science Discoveries A & B**

Appendix A - Page 2

Number of sections: **Depends on number of students who sign up** Credits earned (MS/HS): **0.5**

Graded (Elementary/MS): YES☐ NO ☐
(For elementary, please attach a separate list of the proposed Report Card competencies)

Length of course: Semester ☒ Year ☐ Quarter☐ Other: _____

Names of Current teacher(s) to be involved: **Steven Mientkiewicz**

Additional staff needed: Total new FTE needed 0

_____ _____
classification (i.e. teacher, parapro, etc.) certification required

Project/Program/Course/Change Purpose: **To meet the interests of the student body. To offer courses that will allow students to explore Computer Science. Computer science opens more doors than any other discipline. Learning the basics will help students in any career—from architecture to zoology. 71% of all US jobs require digital skills. And high-skilled computing occupations are the fastest-growing, best-paying, and now the largest sector of all new wages in the US. 9 out of 10 parents want schools to teach computer science (Gallup poll), and students rank it among their favorite subjects, behind only art and music. Just as they learn how to write an essay or how electricity works, it's important for every 21st century student to have a chance to learn how the internet works or design an app.**

Expected Measurable Program or Change Outcomes/Goals: **Students are successful in the course through completion of the course. Measured via grades and course projects and course completion.**

What assessments will be used to measure program goals?

Course Assessments by unit and projects.

What is the need/problem this course/project/program or change will attempt to satisfy?

A survey was sent to all current high school students. Students want Computer Science classes at the high school. See attached results.

Describe the program in detail including goals, objectives, targeted students, and number of students to be served.

Computer Science Principles A introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. CS Principles was written using both the K-12 Framework for Computer Science and the newly revised 2017 CSTA standards as guidance. Currently, every lesson in CS Discoveries contains mappings to the relevant 2017 CSTA standards. Course is available to all students who are interested in Computer Science. Especially females and minority students. Both are underrepresented in Computer Science.

Cite supporting research and data as to why this program will be successful (if available).

https://code.org/promote/morestats

Explain other resources involved or required, i.e. staff, administration, building, fiscal, community, etc.:

Access to current lab at high school. Items listed in program budget.

Create a **detailed and complete,** curriculum outline and scope and sequence, including concepts and skills, vocabulary, benchmarks, and instructional materials list, which can be found in (Appendix B) and inserted here, or attached. **See attached Curriculum Guide**

Create a **detailed** program budget noting funding sources:

Description	Amount	Funding Source
Salaried Personnel including Benefits (if new teacher is required)		
Supplies/Materials/Texts		
Poster Paper, Markers, Post-It-Notes, Graph Paper, Cups, String, Yarn, Construction Paper, Flashlights, slinkies, noise makers, glue, LEGO blocks, playing cards, clear dixie cups, dried beans, zip lock bags, beads	$500	District Funds
Apple Technology	Range from approx. $10,000-$20,200 – See quotes. Broken down by class set, Half class set, with and without AppleCare	District Funds
Parrot Mambo Fly Drone – Mambo Basic 6 pack	$899.99	District Funds
UBTECH Jimu Robot Meebot Kit – Apple.com	$129.95/each. 5=$649.75	District Funds
Sphero SPRK+	$129.99/each. 5=$649.95	District Funds
HDMI Cable - Amazon	$14.99	District Funds

Administrative Use Only

CDC Approval

Approved for implementation by CDC ☑ Date **1/11/19**

Approval pending the following modifications ☐ _____

_____

_____

Proposal Denied ☐

_____ 1/11/19

Executive Director of Curriculum Signature **Date**

Curriculum/Program/Course Proposal or Change to Course Form

Form is available on the Curriculum Dept. Web Site and in the Curriculum folder on the Common Server.
Submit to Curriculum Department by December 1st of the current school year for implementation the following school year.

Name(s):

Steven Mientkiewicz _____ **High School**
Chair *Building*

Course/Project/Program/Change Title: **Computer Science Principles B**

Course/Project/Program/Change Description (as it will read in the course description book and other district communications): **Computer Science Principles B: Computer Science Principles B introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. This course will also explore Apple Computers Swift Programming Language and use its free curriculum and iPad app.**

Type of Proposal:
Course Proposal ☒ Text/Software Adoption☐ Program/Curriculum Adoption☒
Course Description Change ☐ Course Credit Requirement Change ☐

Other (*please describe*): _____

Targeted Students: **Grades 9-12**

Prerequisites: **Credit in Computer Science Discoveries A & B & credit in Computer Science Principles A**

Appendix A - Page 2

Number of sections: **Depends on number of students who sign up** Credits earned (MS/HS): **0.5**

Graded (Elementary/MS): YES☐ NO ☐
(For elementary, please attach a separate list of the proposed Report Card competencies)

Length of course: Semester ☐ Year ☒ Quarter☐ Other: _____

Names of Current teacher(s) to be involved: **Steven Mientkiewicz**

Additional staff needed: Total new FTE needed 0

_____ _____
classification (i.e. teacher, parapro, etc.) certification required

Project/Program/Course/Change Purpose: **To meet the interests of the student body. To offer courses that will allow students to explore Computer Science. Computer science opens more doors than any other discipline. Learning the basics will help students in any career—from architecture to zoology. 71% of all US jobs require digital skills. And high-skilled computing occupations are the fastest-growing, best-paying, and now the largest sector of all new wages in the US. 9 out of 10 parents want schools to teach computer science (Gallup poll), and students rank it among their favorite subjects, behind only art and music. Just as they learn how to write an essay or how electricity works, it's important for every 21st century student to have a chance to learn how the internet works or design an app.**

Expected Measurable Program or Change Outcomes/Goals: **Students are successful in the course through completion of the course. Measured via grades and course projects and course completion.**

What assessments will be used to measure program goals?

Course Assessments by unit and projects.

What is the need/problem this course/project/program or change will attempt to satisfy?

A survey was sent to all current high school students. Students want Computer Science classes at the high school. See attached results.

Describe the program in detail including goals, objectives, targeted students, and number of students to be served.

Computer Science Principles B introduces students to the foundational concepts of computer science and challenges them to explore how computing and technology can impact the world. More than a traditional introduction to programming, it is a rigorous, engaging, and approachable course that explores many of the foundational ideas of computing so all students understand how these concepts are transforming the world we live in. CS Principles was written using both the K-12 Framework for Computer Science and the newly revised 2017 CSTA standards as guidance. Currently, every lesson in CS Discoveries contains mappings to the relevant 2017 CSTA standards. Course is available to all students who are interested in Computer Science. Especially females and minority students. Both are underrepresented in Computer Science.

Cite supporting research and data as to why this program will be successful (if available).

https://code.org/promote/morestats

Explain other resources involved or required, i.e. staff, administration, building, fiscal, community, etc.:

Access to current lab at high school. Items listed in program budget.

Create a **detailed and complete,** curriculum outline and scope and sequence, including concepts and skills, vocabulary, benchmarks, and instructional materials list, which can be found in (Appendix B) and inserted here, or attached. **See attached Curriculum Guide**

Create a **detailed** program budget noting funding sources:

Description	Amount	Funding Source
Salaried Personnel including Benefits (if new teacher is required)		
Supplies/Materials/Texts		
Poster Paper, Markers, Post-It-Notes, Graph Paper, Cups, String, Yarn, Construction Paper, Flashlights, slinkies, noise makers, glue, LEGO blocks, playing cards, clear dixie cups, dried beans, zip lock bags, beads	$500	District Funds
Apple Technology – Same as Principles A proposal		
Transportation		

Administrative Use Only

CDC Approval

Approved for implementation by CDC ☑ Date **1/11/19**

Approval pending the following modifications ☐ _____

_____

_____

Proposal Denied ☐

_____ 1/11/19

Executive Director of Curriculum Signature **Date**

Curriculum/Program/Course Proposal or Change to Course Form

Form is available on the Curriculum Dept. Web Site and in the Curriculum folder on the Common Server.
Submit to Curriculum Department by December 1st of the current school year for implementation the following school year.

Name(s):

Teresa Jackson	**LHS**
Chair	*Building*
Co-Chair	*Building*
Dani Weathers	**LMS**
Committee Member (s)	*Building*
Robin Mata	**LHS**
Committee Member(s)	*Building*

Course/Project/Program/Change Title: **Spanish V**

Course/Project/Program/Change Description (as it will read in the course description book and other district communications): In this course for advanced Spanish learners, students will further acquire Spanish and continue to learn about the cultures of Spanish speaking people. Students will communicate exclusively in Spanish using material that ranges from everyday conversations to literary texts to debates and research papers. At the end of this course students should be at the intermediate-high proficiency level as defined by the American Council of Teachers of Foreign Language (ACTFL). *Upon successful completion of this course, students may select AP Spanish Language and Culture.*

Type of Proposal:
Course Proposal x Text/Software Adoption ☐ Program/Curriculum Adoption ☐
Course Description Change ☐ Course Credit Requirement Change ☐

Other (*please describe*): _____

Targeted Students: **Students who have completed Spanish IV as sophomores or juniors**
Prerequisites: **C or better in Spanish IV**

Number of sections: **1** Credits earned (MS/HS): **1.0 HS**

Graded (Elementary/MS): YES ☐ NO ☐
(For elementary, please attach a separate list of the proposed Report Card competencies)

Length of course: Semester ☐ Year x Quarter ☐ Other: _____

Names of Current teacher(s) to be involved: **Jackson/Mata**

Additional staff needed: Total new FTE needed 0

Teacher	**Secondary FF**
classification (i.e. teacher, parapro, etc.)	certification required
classification (i.e. teacher, parapro, etc.)	certification required
classification (i.e. teacher, parapro, etc.)	certification required

Project/Program/Course/Change Purpose: **This course will provide a bridge between Spanish IV and AP Spanish for students who have time in their schedule. Also, this course allows for an alternative for students who choose not to take AP Spanish. Because Spanish I and II are now taught in middle school, students have extra years available to continue learning Spanish. Taking this course will enable students to be better prepared for college placement exams and the AP test.**

Expected Measurable Program or Change Outcomes/Goals: **At the end of this course, students will attain the Intermediate High level for ACTFL. Additionally, student enrollment in all Spanish programing (grades 7-12) will increase.**

What assessments will be used to measure program goals?

Locally developed assessments, rubrics designed by ACTFL, and student enrollment numbers will be used to measure program goals.

What is the need/problem this course/project/program or change will attempt to satisfy?
Students who take Spanish I as seventh graders do not have access to four years of Spanish during their high school years without this class. Additionally, students who are not interested in AP Spanish will choose this alternative.

Describe the program in detail including goals, objectives, targeted students, and number of students to be served.

Goals:
Unit One: El individuo y su identidad (personal and public identities) (8 weeks)
Contexts covered:
- Alienation and Assimilation
- Heroes and Historical Figures
- National and Ethnic Identities
- Self-Image

Unit Two: Los efectos de la tecnología (Science and Technology) (4 weeks)
Contexts covered:
- Access to Technology
- Effects of Technology on self and Society
- Health care and Medicine
- Innovations
- Natural Phenomena
- Science and Ethics

Unit Three: El valor de la familia y la comunidad (Families and Communities) (6 weeks)
Contexts covered:
- Customs and Values
- Education Communities
- Family Structure
- Global Citizenship
- Human Geography
- Social Networking

Unit Four: ¿Cómo se define la belleza? (Beauty and Aesthetics) (6 weeks)
Contexts covered:
- Architecture
- Defining Beauty
- Defining Creativity
- Fashion and Design
- Language and Literature

Unit 5: Nosotros y nuestro mundo (Global challenges) (6 weeks)
Contexts covered
- Economic Issues
- Environmental Issues
- Philosophical Thought and Religion
- Population and Demographics
- Social Welfare
- Social Conscience

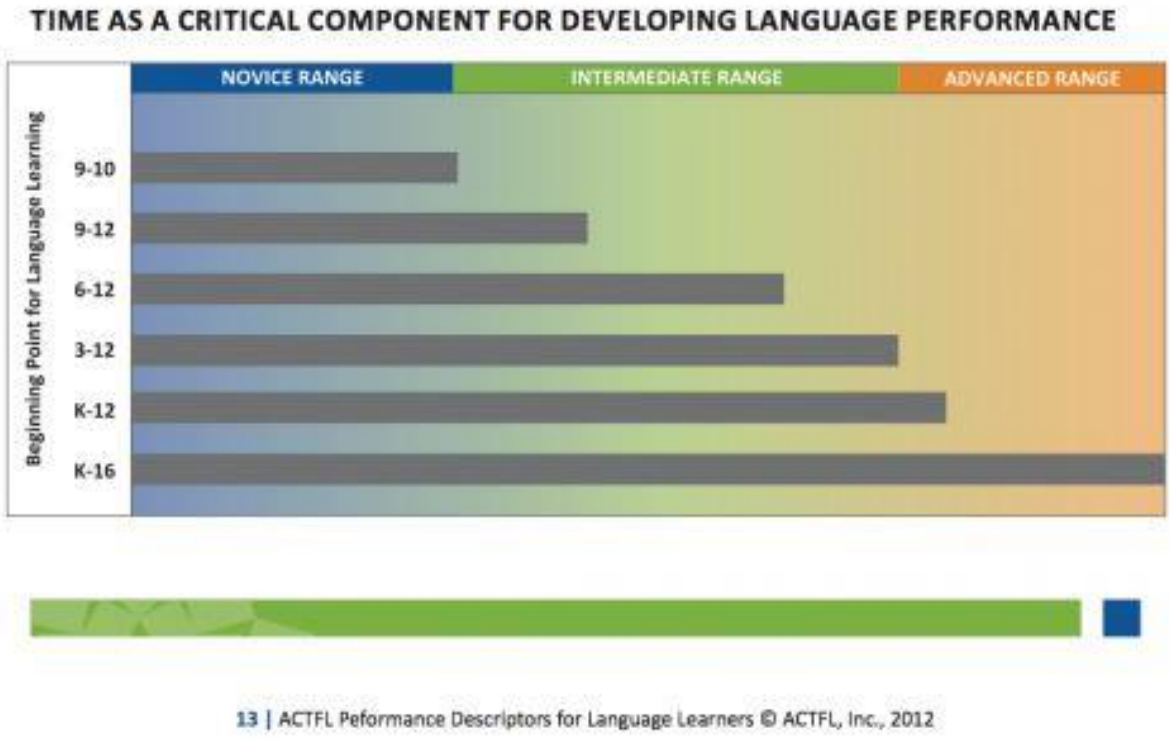
Unit Six ¿Quiénes somos y cómo es nuestra vida? (Contemporary Life) (6 weeks)
Contexts Covered

- Education and careers
- Lifestyles
- Relationships

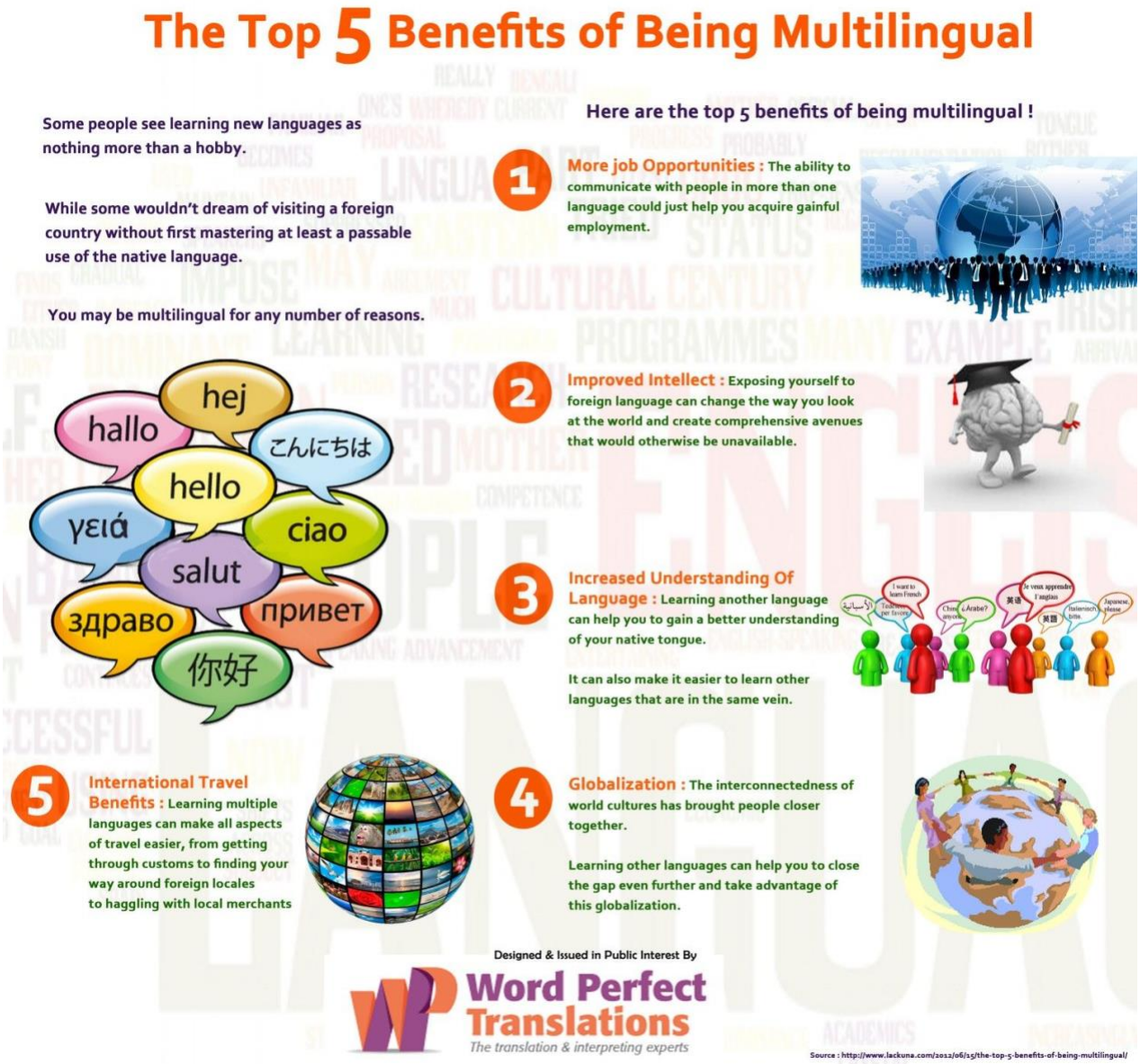
Targeted students: Students who have completed Spanish IV

Number of Students to be served: approximately one class

Cite supporting research and data as to why this program will be successful (if available).



Research indicates that increased time learning a second language leads to higher proficiency levels for students. Also, increased time learning a second language leads to higher standardized test scores and increased employment opportunities.



Explain other resources involved or required, i.e. staff, administration, building, fiscal, community, etc.:

Create a **detailed and complete,** curriculum outline and scope and sequence, including concepts and skills, vocabulary, benchmarks, and instructional materials list, which can be found in (Appendix B) and inserted here, or attached. See attached.

Create a **detailed** program budget noting funding sources:

Description	**Amount**	**Funding Source**
Salaried Personnel including Benefits (if new teacher is required)		
Supplies/Materials/Texts		
La casa en Mango Street (paperback)	$400 (40 paperback) (Amazon.com)	
La casa de los espíritus	532 (40 paperback) (Amazon.com)	
Transportation		

Administrative Use Only

CDC Approval

Approved for implementation by CDC ☑ Date **1/11/19**

Approval pending the following modifications ☐ _____

_____

_____

Proposal Denied ☐

_____ **1/11/19**

Director of Curriculum Signature **Date**

LINCOLN CONSOLIDATED SCHOOLS

REQUEST FOR PURCHASE PROPOSAL – Security Systems
JANUARY 24, 2019

The facilities department is recommending the adoption of the following recommendation contained in the report dated January 24, 2019 to the Superintendent of the Lincoln Consolidated School District.

1. **PURPOSE**
   As outlined in the Michigan State Policy grant, the district was awarded $563,793 towards the safety and security of the staff, students, and Lincoln Consolidated school district community. Part of the awarded amount is for the purchase of an exterior door locking system, security app, secure cross corridors, new employee badge system, & updated fire/intrusion alarm system. The purpose of all of these items working in concert with each other is essential to the overall success of the system. The items included in this proposal meet the State of Michigan Guidelines and budget set within the grant.
2. **OPTIONS**
   Below is the cost per system in each building:

	S2 Network/ Access Control				Lock Down System	Intrusion & Fire Protection					
	Set up Cost	Door Hardware & Electric Lock Work	Monthly Software/ Firmware Upgrades	Monthly Extended Service Plan	Set up Cost	Intrusion Set up Cost	Fire Set up Cost	Monthly Intrusion Monitoring Fee	Monthly Fire Monitoring Fee	Total Cost Set up Costs	Total Monthly Costs
LHS & Administration	52,254.00	42,240.00	185.00	170.00	14,365.00	9,947.00	395.00	39.00	49.00	119,201.00	443.00
LMS	21,170.00	25,920.00		70.00	6,803.00	13,294.00	395.00	39.00	49.00	67,582.00	158.00
Bishop	14,136.00	9,600.00		60.00	4,854.00	6,060.00	395.00	39.00	49.00	35,045.00	148.00
Childs	21,185.00	16,320.00		90.00	5,207.00	16,213.00	395.00	39.00	49.00	59,320.00	178.00
Brick	19,493.00	9,600.00		90.00	4,903.00	4,834.00	395.00	39.00	49.00	39,225.00	178.00
Model	13,928.00	8,640.00		50.00	4,903.00	3,274.00	395.00	39.00	49.00	31,140.00	138.00
Bessie Hoffman						4,998.00	395.00	39.00	49.00	5,393.00	88.00
Transportation/Bus Garage						5,135.00	0.00	39.00	0.00	5,135.00	39.00
Maintenance Bldg						4,550.00	0.00	39.00	0.00	4,550.00	39.00
	$142,166.00	$112,320.00	$185.00	$530.00	$41,035.00	$68,305.00	$2,765.00	$351.00	$343.00	$366,591.00	$1,409.00

3. **ANALYSIS**
   Sonitrol is a Michigan company and is an approved vendor for the State of Michigan (Vendor ID CV0039454). The system Sonitrol has designed with the support of the IT/Facilities Departments at Lincoln, in conjunction with the architect working on the bond project, exceeds the expectations of the original requirements outlined in the Michigan state police grant. The S2 application will give the district; a new employee badge system; the ability to lockdown all buildings within the district inside the buildings or via a phone app; upon lockdown, the system will automatically initiate all cross corridor doors to shut and lock, along with all exterior doors, all while flashing blue emergency beacons; the system will also notify key personal within the district along with local law enforcement; it provides the ability to lock/unlock key doors within the district for after hour events and will notify key employees if doors are propped open or are in use when they are not supposed to be; it will tie into our current and future camera systems; finally the district will have a new fire/intrusion alarm system that will tie back and support all the upgrades within the system.

   The system designed is currently estimated to be under the budgeted amount within the grant.

	MSP Grant Budget
Cross Corridor Security Doors & Beacons	132,000.00
Exterior Door Locking System	202,500.00
Security Alert System Mobile App	29,519.00
Employee Badge System	20,849.76
Budget	**$384,868.76**
Acutal	**$366,591.00**
Net	**$18,277.76**

Additional monthly savings moving from the current fire/intrusion alarm system to the proposed Sonitrol System:

Tyco/Johnson Controls					Annual Cost	Monthly Cost
Childs - Semi Annual Billing	4,659.73	4,659.73			9,319.46	776.62
LHS - Quarterly Billing	557.39	557.39	557.39	557.39	2,229.56	185.80
LMS - Semi Annual Billing	6,431.47	6,431.47			12,862.94	1,071.91
Brick - Quarterly Billing	1,419.52	1,419.52	1,419.52	1,419.52	5,678.08	473.17
Transp/Bus Garage - Quarterly Billing	262.09	262.09	262.09	262.09	1,048.36	87.36
LHS #1B/E- Quarterly Billing	179.73	179.73	179.73	179.73	718.92	59.91
Bishop - Quarterly Billing	288.15	288.15	288.15	288.15	1,152.60	96.05
Maing Blgd - Quarterly Billing	204.85	204.85	204.85	204.85	819.40	68.28
Bessie Hoffma - Quarterly Billing	1,328.65	1,328.65	1,328.65	1,328.65	5,314.60	442.88
Transp/Bus Garage - Annual Service Chrg	3,981.76				3,981.76	331.81
					$43,125.68	$3,593.81

	Annual Cost	Montly Cost
Current Cost	43,125.68	3,593.81
Future Cost	16,908.00	1,409.00
Savings	$26,217.68	$2,184.81

4. RECOMMENDATION

The addition of the requested security lockdown and alert system will greatly improve the ability to properly protect all individuals within the district; quickly alert key support staff/first responders; improve control and communication within the systems; and reduce district costs

It is recommended that:

1. The Superintendent and Board of Education approves the purchase of the security system, specifically the one recommended above supported by **Sonitrol Great Lakes**, at a cost not to exceed **$384,869.**

Phil Bongiorno 1/24/19

Philip Bongiorno **Date**
Director of Facilities, Lincoln Schools

APPROVALS:

Adam Snapp 1/24/19

Adam Snapp **Date**
Finance Director, Lincoln Schools

Sean McNatt **Date**
Superintendent, Lincoln Schools

S2 Network/Browser Based Access Control

Security App, Employee Badge System, Exterior Door Locking System

Building	Set up Amount	Door Hardware & Electric Lock Work	Monthly Software/Firmware Upgrades	Monthy Extended Service		
LHS & Administration	52,254.00	42,240.00	185.00	170.00		
LMS	21,170.00	25,920.00		70.00		
Bishop	14,136.00	9,600.00		60.00		
Childs	21,185.00	16,320.00		90.00		
Brick	19,493.00	9,600.00		90.00		
Model	13,928.00	8,640.00		50.00		
	$142,166.00	**$112,320.00**	**$185.00**	**$530.00**	**$254,486.00**	**$715.00**

Lockdown System

Cross Corridor Security Doors & Beacons

Building	Set up Amount					
LHS & Administration	14,365.00					
LMS	6,803.00					
Bishop	4,854.00					
Childs	5,207.00					
Brick	4,903.00					
Model	4,903.00					
	$41,035.00				**$41,035.00**	**$0.00**

Intrustion & Fire Protection

Cross Corridor Secuity System, & Exterior Door Locking System, Employee Badge System

Building	Intrustion Set up Cost	Fire Set up Cost	Monthy Intrustion Monitoring Fee	Monthly Fire Monitoring Fee		
LHS & Administration	9,947.00	395.00	39.00	49.00		
LMS	13,294.00	395.00	39.00	49.00		
Bishop	6,060.00	395.00	39.00	49.00		
Childs	16,213.00	395.00	39.00	49.00		
Brick	4,834.00	395.00	39.00	49.00		
Model	3,274.00	395.00	39.00	49.00		
Bessie Hoffman	4,998.00	395.00	39.00	49.00		
Transportation/Bus garage	5,135.00	0.00	39.00	0.00		
Maintenance Building	4,550.00	0.00	39.00	0.00		
	$68,305.00	**$2,765.00**	**$351.00**	**$343.00**	**$71,070.00**	**$694.00**

Budget	384,869	
S2 Network/Browser Based Access Control	254,486	
Intrustion & Fire Protection	71,070	
Lockdown System	$41,035	
Net Total	**$18,278**	**$1,409.00**

					Annual Cost	**Monthly Cost**
Johnson Controls					9,319.46	776.62
Childs - Semi Annual Billing	4,659.73	4,659.73			2,229.56	185.80
LHS - Quarterly Billing	557.39	557.39	557.39	557.39	12,862.94	1,071.91
LMS - Semi Annual Billing	6,431.47	6,431.47			5,678.08	473.17
Brick - Quarterly Billing	1,419.52	1,419.52	1,419.52	1,419.52	1,048.36	87.36
Transportation Bus Garage - Quarterly Billing	262.09	262.09	262.09	262.09	718.92	59.91
LHS - #1B/E - Quarterly Billing	179.73	179.73	179.73	179.73	1,152.60	96.05
Bishop - Quarterly Billing	288.15	288.15	288.15	288.15	819.40	68.28
Maintenance Building - Quarterly Billing	204.85	204.85	204.85	204.85	5,314.60	442.88
Bessie Hoffman - Quarterly Billing	1,328.65	1,328.65	1,328.65	1,328.65	3,981.76	331.81
Transportation Bus Garage - Annual Service Ch	3,981.76				**$43,125.68**	**$3,593.81**

	Annual Cost	**Monthly Cost**
Current Cost	$43,125.68	$3,593.81
Future Cost	$16,908.00	$1,409.00
Savings	**$26,217.68**	**$2,184.81**

SONITROL GREAT LAKES

7241 Fenton Road
Grand Blanc, MI 48439
Phone: (248) 473-9400
Fax: (248) 473-9480
www.sonitrolgreatlakes.com

January 14, 2019

Phil Bongiorno
Facilities Director
Lincoln Consolidated Schools
8970 Whittaker Rd.
Ypsilanti, MI 48197
RE: School Security

Dear Phil,

The following is the access control and integrated intrusion system budget proposal for Lincoln Consolidated Schools. You will find that it meets all of your operating and security issues utilizing an array of leading edge technology.

Your selection of the **S2 Browser Based System** will offer you the ability to manage your access system anywhere you have internet access. The system platform also provides capabilities to incorporate other features such as ID badging, building lockdowns, and notification.

We remain available to you and your staff to answer questions and welcome the opportunity to discuss the proposal in further detail.

Thank you again and I look forward to serving you and your security needs.

Sincerely,

Clayton Crost
Director of Education Market
Office (248) 473-9400 x 1301
ccrost@sonitrolgreatlakes.com

SONITROL

S2 NETWORK/BROWSER BASED ACCESS CONTROL

Lincoln High School/Administration
I. LIST OF EQUIPMENT:

QTY	Item
1	S2 main controller with 64 licenses
1	Access node
12	Access control blade
2	Output control modules (internal fire doors)
1	DMP system integration
1	S2 ID badging license
17	Iclass proximity card readers
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$52,254.00***
SOFTWARE SUPPORT AND FIRMWARE UPGRADES: ***$ 185.00/mo.***
(Covers entire District)
EXTENDED SERVICE: ***$ 170.00/mo.***

ESTIMATED LOCK WORK:

12	Electric hardware (card reader locations)
32	Electric hardware (auto lock/unlock)

PURCHASE PRICE (labor & equipment): ***$42,240.00***

Lincoln Middle School
I. LIST OF EQUIPMENT:

QTY	Item
1	S2 network node
6	Access control blades
1	Power supply
2	Output control modules (internal fire doors)
1	DMP system integration
7	Iclass proximity card readers
1	Cable & connectors

PURCHASE PRICE (labor & equipment): ***$21,170.00***
EXTENDED SERVICE: ***$ 70.00/mo.***

ESTIMATED LOCK WORK:

3	Electric hardware (card reader locations)
24	Electric hardware (auto lock/unlock)

PURCHASE PRICE (labor & equipment): ***$25,920.00***

SONITROL

Bishop Elementary
I. LIST OF EQUIPMENT:

QTY	Item
1	Access network node
3	Access control blade
1	Power supply
1	Output control module (internal fire doors)
1	DMP system integration
6	Iclass proximity card readers
1	Cable & connectors

PURCHASE PRICE (labor & equipment): ***$14,136.00***
EXTENDED WARRANTY: ***$ 60.00/mo.***

ESTIMATED LOCK WORK:

4	Electric hardware (card reader locations)
10	Electric hardware (auto lock/unlock)

PURCHASE PRICE (labor & equipment): ***$9,600.00***

Childs Elementary
I. LIST OF EQUIPMENT:

QTY	Item
1	Access network node
5	Access control blades
1	Power supply
1	Output control module (internal fire doors)
1	DMP system integration
9	Iclass proximity card readers
1	Cable & connectors

PURCHASE PRICE (labor & equipment): ***$21,185.00***
EXTENDED WARRANTY: ***$ 90.00/mo.***

ESTIMATED LOCK WORK:

8	Electric hardware (card reader locations)
9	Electric hardware (auto lock/unlock)

PURCHASE PRICE (labor & equipment): ***$16,320.00***

SONITROL

Brick Elementary
I. LIST OF EQUIPMENT:

QTY	Item
1	Access network node
1	Micronode
3	Access control blades
1	Power supply
1	Output control modules (internal fire doors)
1	DMP system integration
9	Iclass proximity card readers
1	Cable & connectors

PURCHASE PRICE (labor & equipment): ***$19,493.00*** ✓
EXTENDED WARRANTY: ***$ 90.00/mo.*** ✓

ESTIMATED LOCK WORK:

3	Electric hardware (card reader locations)
7	Electric hardware (auto lock/unlock)

PURCHASE PRICE (labor & equipment): ***$9,600.00*** ✓

Model Elementary
I. LIST OF EQUIPMENT:

QTY	Item
1	Access network node
2	Access control blades
1	Power supply
1	Output control module (internal fire doors)
1	DMP system integration
5	Iclass proximity card readers
1	Cable & connectors

PURCHASE PRICE (labor & equipment): ***$13,928.00*** ✓
EXTENDED WARRANTY: ***$ 50.00/mo.*** ✓

ESTIMATED LOCK WORK:

1	Electric hardware (card reader locations)
8	Electric hardware (auto lock/unlock)

PURCHASE PRICE (labor & equipment): ***$8,640.00*** ✓

TOTAL INSTALLATION AMOUNT: **$254,486.00** ✓ Correct!

SONITROL

DMP INTRUSION SYSTEM & FIRE ALARM MONITORING

INTRUSION
Lincoln High School/Administration
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
4	Alarm touchpads
7	Expansion modules
41	Monitor existing double door contacts
22	Monitor existing single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$9,947.00*** ✓
MONTHLY MONITORING: ***$ 39.00*** ✓

FIRE ALARM
Lincoln High School/Administration
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP UL fire rated cell communicator

PURCHASE PRICE (labor & equipment): ***$395.00*** ✓
MONTHLY MONITORING: ***$ 49.00*** ✓

INTRUSION
Middle School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
2	Alarm touchpads
3	Expansion modules
20	Double door contacts
9	Single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$13,294.00*** ✓
MONTHLY MONITORING: ***$ 39.00*** ✓

FIRE ALARM
Middle School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP UL fire rated cell communicator

✓
PURCHASE PRICE (labor & equipment): ***$395.00***
MONTHLY MONITORING: ***$ 49.00*** ✓

5

SONITROL

INTRUSION
Bishop Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
1	Alarm touchpad
4	Expansion modules
12	Monitor existing double door contacts
23	Monitor existing single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$6,060.00***
MONTHLY MONITORING: ***$ 39.00***

FIRE ALARM
Bishop Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP UL fire rated cell communicator

PURCHASE PRICE (labor & equipment): ***$395.00***
MONTHLY MONITORING: ***$ 49.00***

INTRUSION
Childs Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
2	Alarm touchpads
5	Expansion modules
16	Double door contacts
30	Single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$16,213.00***
MONTHLY MONITORING: ***$ 39.00***

FIRE ALARM
Childs Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP UL fire rated cell communicator

PURCHASE PRICE (labor & equipment): ***$395.00***
MONTHLY MONITORING: ***$ 49.00***

SONITROL

Brick Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
1	Alarm touchpad
1	Expansion module
8	Monitor existing double door contacts
5	Monitor existing single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$4,834.00***
MONTHLY MONITORING: ***$ 39.00***

FIRE ALARM
Brick Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP UL fire rated cell communicator

PURCHASE PRICE (labor & equipment): ***$395.00***
MONTHLY MONITORING: ***$ 49.00***

Model Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
1	Alarm touchpads
1	Expansion module
8	Monitor existing double door contacts
7	Monitor existing single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$3,274.00***
MONTHLY MONITORING: ***$ 39.00***

FIRE ALARM
Model Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP UL fire rated cell communicator

PURCHASE PRICE (labor & equipment): ***$395.00***
MONTHLY MONITORING: ***$ 49.00***

SONITROL

Bessie Hoffman Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
1	Alarm touchpad
1	Expansion module
7	Double door contacts
4	Monitor existing single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment):	***$4,998.00***
MONTHLY MONITORING:	***$ 39.00***

FIRE ALARM
Model Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP UL fire rated cell communicator

PURCHASE PRICE (labor & equipment):	***$395.00***
MONTHLY MONITORING:	***$ 49.00***

Transportation Building
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
1	Alarm touchpad
1	Expansion module
4	Motion sensors
3	Single door contacts
4	Connect to outdoor microwave motions in bus yard
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment):	***$5,135.00***
MONTHLY MONITORING:	***$ 39.00***

SONITROL

Maintenance Facility
I. LIST OF EQUIPMENT:

QTY	Item
1	DMP control panel
1	Alarm touchpad
1	Expansion module
7	Overhead door contacts
3	Single door contacts
1	Cable & connectors
1	System set-up and training

PURCHASE PRICE (labor & equipment):	***$4,550.00***
MONTHLY MONITORING:	***$ 39.00***

TOTAL INSTALLATION AMOUNT:	**$71,070.00**

Correct!

LOCKDOWN SYSTEM

Lincoln High School/Administration
I. LIST OF EQUIPMENT:

QTY	Item
4	Emergency lockdown buttons
4	NAC power supplies
4	Relay for NAC circuits
48	Wall mount blue strobes
1	Cable & connectors
1	Interface with the S2 system
1	System set-up and training

PURCHASE PRICE (labor & equipment):	***$14,365.00***

Middle School
I. LIST OF EQUIPMENT:

QTY	Item
2	Emergency lockdown buttons
2	NAC power supplies
2	Relay for NAC circuits
19	Wall mount blue strobes
1	Cable & connectors
1	Interface with S2 system
1	System set-up and training

PURCHASE PRICE (labor & equipment):	***$6,803.00***

SONITROL

Bishop Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
2	Emergency lockdown buttons
1	NAC power supply
1	Relay for NAC circuit
12	Wall mount blue strobes
1	Cable & connectors
1	Interface with S2 system
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$4,854.00***

Brick Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
2	Emergency lockdown buttons
1	NAC power supply
1	Relay for NAC circuit
13	Wall mount blue strobes
1	Cable & connectors
1	Interface with S2 system
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$4,903.00***

Childs Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
2	Emergency lockdown buttons
1	NAC power supply
1	Relay for NAC circuit
14	Wall mount bluer strobes
1	Cable & connectors
1	Interface with S2 system
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$5,207.00***

Model Elementary School
I. LIST OF EQUIPMENT:

QTY	Item
2	Emergency lockdown buttons
1	NAC power supply
1	Relay for NAC circuit
13	Wall mount blue strobe
1	Cable & connectors
1	Interface with S2 system
1	System set-up and training

PURCHASE PRICE (labor & equipment): ***$4,903.00***

Your Single Source for Complete Security
Verified Audio Detection | Access Control | Video Surveillance | Fire Detection

SONITROL®

TOTAL INSTALLATION AMOUNT:	$41,035.00

RECENT ACCESS CONTROL PROJECTS COMPLETED THAT ARE A SIMILAR SIZE TO THIS PROJECT:

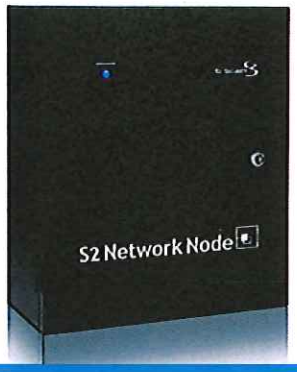
Adrian Community Schools, Awarded as low bidder

Stockbridge Community Schools, Awarded as low bidder

Posen Robbins School District, Awarded as low bidder

Haslett Community Schools, Awarded with no bid (recommended by East Lansing)

Laingsburg Community Schools, Awarded with no bid (recommended by Perry School District)



S2 SECURITY

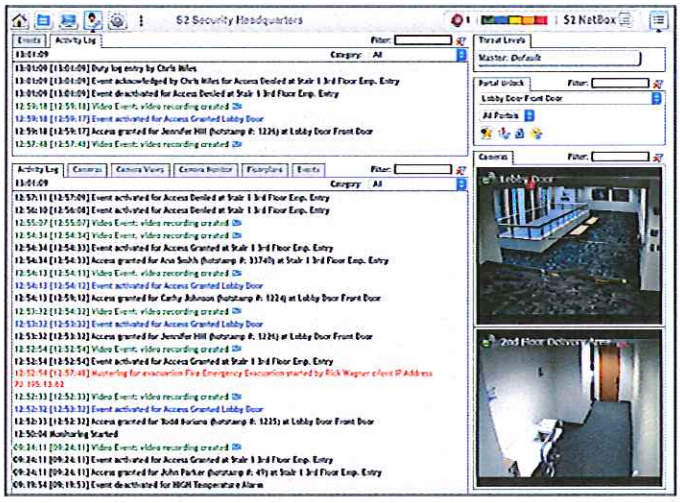
S2 Network Node

Overview

S2 Network Node is an intelligent field panel that handles distributed processing for S2 NetBox® access control and event monitoring systems. Access control and events from connected devices are aggregated to the S2 NetBox web interface for centralized system management.

S2 Network Node supports up to seven modular S2 application blades for access control, inputs, outputs and temperature probes. Any S2 application blades can be combined to fit deployment requirements. Blades are automatically recognized and addressed without jumpers or switches. External devices such as 12VDC card readers can be powered from the S2 access control application blade.

A highly flexible component of any S2 NetBox system, S2 Network Node enables customization and expansion of the system's capabilities.



Access control and event monitoring for connected devices are aggregated to the S2 NetBox web interface.

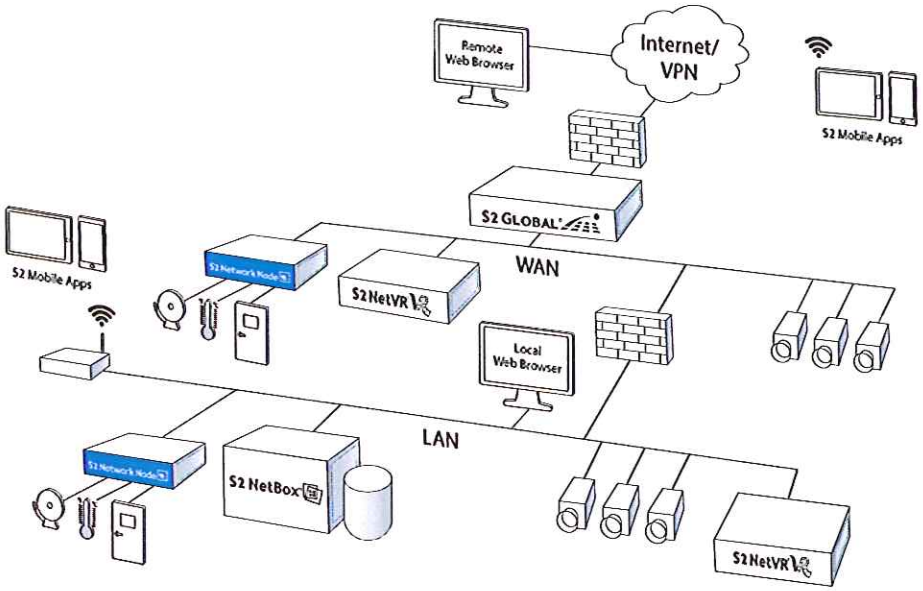
Key Features

Access Control

- Blade Support: Houses up to seven S2 application blades for access control, inputs, outputs and temperature probes
- Portals: Supports up to fourteen doors or other access points
- Reader Support: Interfaces with Wiegand, magnetic stripe and keypad reader technologies
- Input Assignment: Enables assignment of up to 56 supervised inputs
- Output Assignment: Enables assignment of up to 56 form C output relays
- Temperature Inputs: Monitors up to 56 analog temperature points

System

- S2 System Node: Handles distributed access control and event monitoring
- Solid State Design: Extends product lifecycle, lowering total cost of ownership
- Offline Availability: Maintains access control capabilities even when connectivity to the S2 controller is lost
- Intuitive Configuration: Utilizes embedded web interface for initial setup
- Automatic Discovery: Automatically connects to and authenticates with the S2 controller upon configuration



Schematic only. Not a network diagram.

Specifications – S2 Network Node

Access Control	
S2 NetBox Software	Version 4.1.02 and later
S2 Network Node Blade	M1-3200
Application Blades / SIOs	7
Portals	14
Access Levels	512
Supervised Inputs	56
Relay Outputs	56
Temperature Inputs	56
Credential Storage	150,000
Buffered Transactions	800,000

Client Requirements	
Operating System	Windows 7, 32-bit or 64-bit
Browser	Chrome, Internet Explorer, Firefox and Safari*
Processor	Intel Core I3 or higher
Memory (RAM)	4GB
Hard Drive	100GB minimum

Appliance	
Storage	2GB Flash
Processor	TI AM3352 ARM
Memory (RAM)	512MB SDRAM
Operating System	Linux
Ethernet Ports	1
MTBF	297,000 hrs
Chassis	Wall mount or standard 4U rack mount

Appliance (continued)	
Dimensions (H, W, D)	*Wall Mount:* 17.0in x 15.0in x 6.75in (43.18cm x 38.1cm x 17.15cm) *Rack Mount:* 7.0in x 19.0in x 15.0in (17.78cm x 48.26cm x 38.1cm)
Weight	18 lbs (8.6 kg) maximum
Operating Temperature	32° – 95°F (0° – 35°C)
Storage Temperature	-4° – 158°F (-20° – 70°C)
Input Power	100 - 240 VAC, 50/60 Hz
Output Power	2.3A *Reader Output Power:* 12VDC, 250 mA/reader
BTU Maximum	184 per hour
Commissioning	Web configuration utility
Regulatory Approvals	UL, CE, FCC, RoHS
Warranty	2 years, hardware; 1 year, software

Part Numbers	
S2-NN-E-WM	Supports up to 7 S2 application blades, wall mount
S2-NN-E-RM	Supports up to 7 S2 application blades, rack mount
S2-NN-E2R-WM	Includes 1 S2 access control application blade with 6 available expansion slots, wall mount
S2-NN-E2R-RM	Includes 1 S2 access control application blade with 6 available expansion slots, rack mount

*Refer to the latest Release Notes for browser version compatibility.

For more information, please visit www.s2sys.com.

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S2050516

S2 SECURITY

S2 SECURITY

S2 NetBox® Extreme

Overview

S2 NetBox Extreme is a full-featured, web-based access control and event monitoring system that supports up to 256 portals. Optional system partitioning allows the entire database to be separated into multiple smaller systems for entities such as field offices or tenants. Features such as person record and cardholder management, event and alarm monitoring, threat level escalation and reporting are accessible from any web browser. There is no software to install.

A solid-state appliance, S2 NetBox Extreme is fast and reliable. The system works with existing infrastructure and peripheral devices, making it easy to deploy. S2 NetBox Extreme is flexible and scalable, supporting up to 64 S2 Nodes. In addition, S2 NetBox Extreme tightly integrates with S2 NetVR® series video management systems, providing unified system management and administration. Integration with third party video management systems is also supported.

S2 NetBox Extreme is well suited for mid-scale deployments. As organizations grow, migration to S2 NetBox Enterprise is seamless. Large, distributed enterprises can also centrally manage multiple S2 NetBox Extreme controllers with S2 Global®.

S2 NetBox Extreme is web-based, with one-click access to major system functionality.

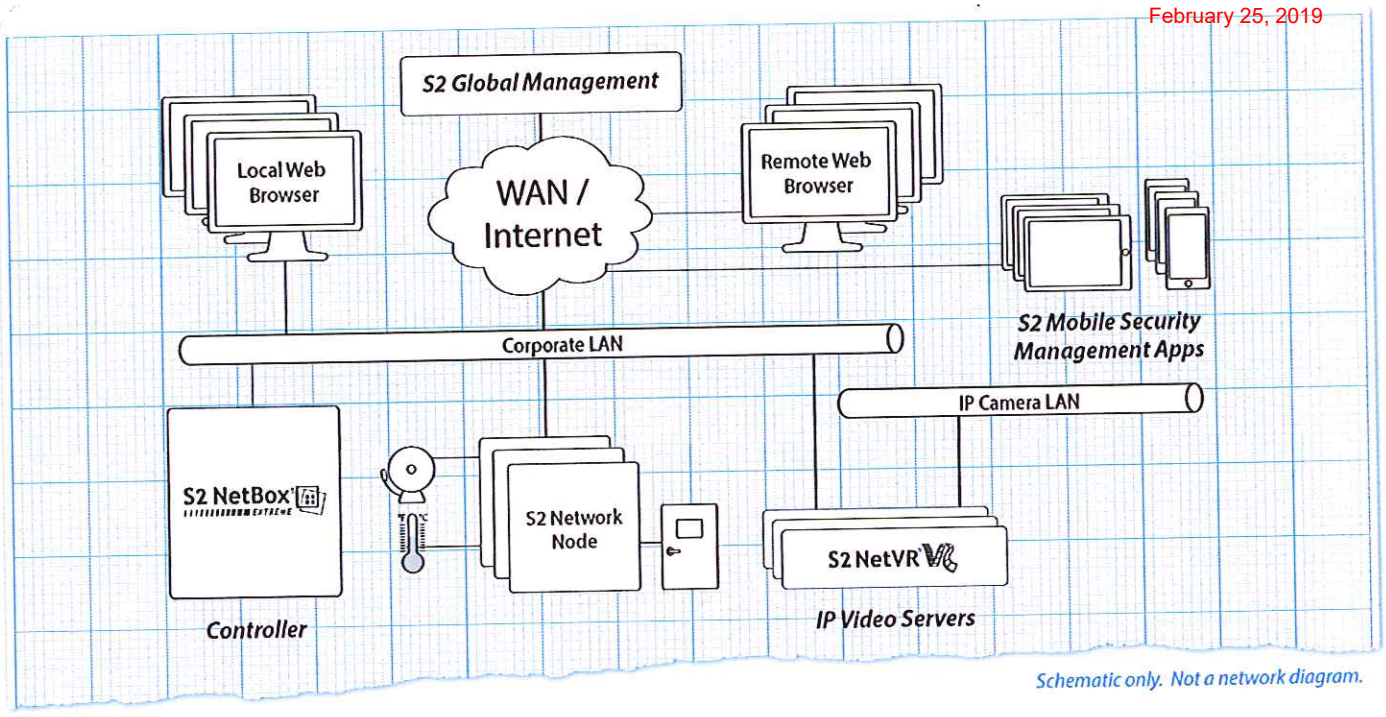
Key Features

Access Control

- Portals: Supports up to 256 doors or other access points
- Event and Alarm Monitoring: Includes comprehensive event logging, notification and escalation
- Threat Level Management: Provides configurable system status and response actions such as system lock downs
- Person Record Management: Maintains detailed, credential-driven user records and access history
- Reporting: Offers pre-defined and custom reports

System

- Web Interface: Delivers browser-based, unified system management and administration
- Solid-State Design: Extends product lifecycle, lowering total cost of ownership
- Video Integration: Works with S2 NetVR® series video management systems and other third party video systems
- API Support: Integrates with third party products such as human resource databases via an open source API
- Automated System Management: Automatically discovers S2 Nodes and handles system backups
- Mobile App: Allows for mobile security management using S2 Mobile Security Officer®
- System Partitioning Option: Allows the entire database to be separated into multiple smaller systems



Schematic only. Not a network diagram.

Specifications – S2 NetBox Extreme

Access Control	
Cardholders	40,000
Access Levels	Unlimited
Unique User Roles	16
Simultaneous Users	10
Time Specifications	512
Portal Capacity	256
S2 Node Capacity[1]	64
Maximum Inputs / Outputs	2,000 / 2,000
Online Transactions	Up to 40 million records

Client Requirements	
Operating System	Any; for badging use Windows 7
Browser[2]	Chrome, Internet Explorer, Firefox and Safari
Processor	Intel Core i3 or higher
Memory (RAM)	8GB minimum
Hard Drive	100GB minimum

Appliance	
Storage Capacity	20GB
Processor	Intel Atom N2800
Memory (RAM)	4GB total
Operating System	Ubuntu Linux
Ethernet Ports	1
MTBF	213,447
Chassis	Wall mount or standard 2U rack mount

Appliance (continued)	
Dimensions (H, W, D)	10.66in x 13in x 3.57in (27.08cm x 33.02cm x 9.07cm)
Weight	9.7 lbs (4.4 kg)
Operating Temperature	32° – 95°F (0° – 35°C)
Storage Temperature	-4° – 158°F (-20° – 70°C)
Operating Environment	Humidity 85%, non-condensing 35°C
AC Input	86 – 264 VAC, 47/440 Hz, 1.5A
BTU Maximum	256 per hour
Regulatory Approvals	UL, CE, FCC, RoHS
Warranty	2 years, hardware; 1 year, software

Third Party Integrations[3]	
Video Management	S2 NetVR series VMS and other major VMS manufacturers
Access Control	Allegion, ASSA ABLOY, DMP and Mercury

Part Numbers	
S2-EXT-16-WM	Supports 16 portal licenses; wall mount
S2-EXT-16-RM	Supports 16 portal licenses; rack mount

Portal licenses expandable to 256 portals. Refer to price book for additional part numbers.

[1] S2 Network Node capacity may vary depending on system design.
[2] Refer to the latest Release Notes for browser version compatibility.
[3] For additional third party integration information, contact sales@s2sys.com.

For more information, please visit www.s2sys.com.

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S2111315

S2 SECURITY

S2 NetBox™ Identity Management

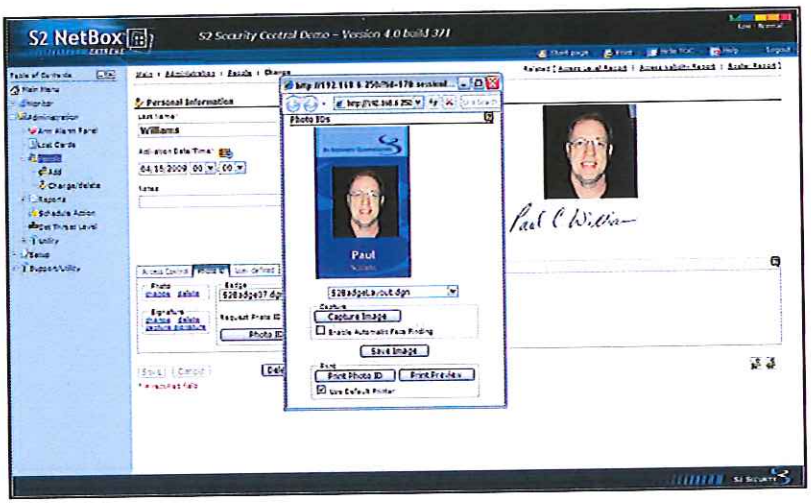
Application Information for Version 4.0 and later

Feature Summary

- Adds Photo ID Badge production to the S2 system
- Available with all Network Controller options
- Capture images via the S2 web browser interface
- View and import images from any PC on the network
- Live capture and printing via Badge Production Station
- Software controlled image acquisition
- Auto face-finding and centering on supported cameras
- Automatically link personnel data for photo IDs
- Dual side printing (with dual side printer)
- Magnetic stripe & Smart chip encoding
- Bar code printing
- Signature capture pad support
- Image enhancement tools provided
- Image transparency, fading, grayscale

Overview

S2 NetBox™ Identity Management Solutions allow you to build photo ID badge production into your NetBox systems with ease. Like all S2 NetBox™ capabilities, the Identity Management Solution works from your web browser. Viewing and importing of photos can occur anywhere; badge production stations are required only for printing and live photo acquisition.



The base identity management license includes software for designing badge backgrounds and for printing from a single print station. Each Identity Management Solution requires one base license.

Additional badging stations beyond the first can be added as desired to all Model 200, 300, Extreme, Enterprise or Enterprise Ultra systems.

The included Facial Recognition Driver Support enables the use of certain inexpensive, consumer digital cameras as photo ID capture devices. Functionality includes face-finding, image centering, and software control over image capture. This greatly speeds image acquisition.

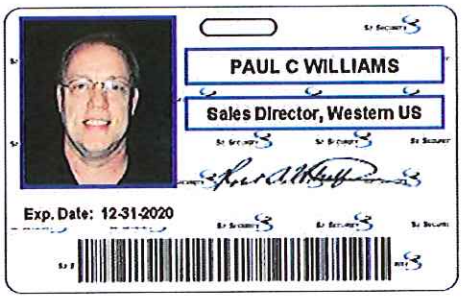
Each Badging & Print Station provides the PC software necessary to design and print badges from a single point. Each S2 NetBox™ system stores person images, signatures and card layouts so that web based users can select a person and the layout they require and send a print request to the Badge Designer & Print Station.

This allows users at multiple remote locations to queue badges print to a single location that has the Badge Design & Print Station. This allows for cost effective badge printing, and may avoid the need to have multiple remote badge design & print stations.

S2 SECURITY

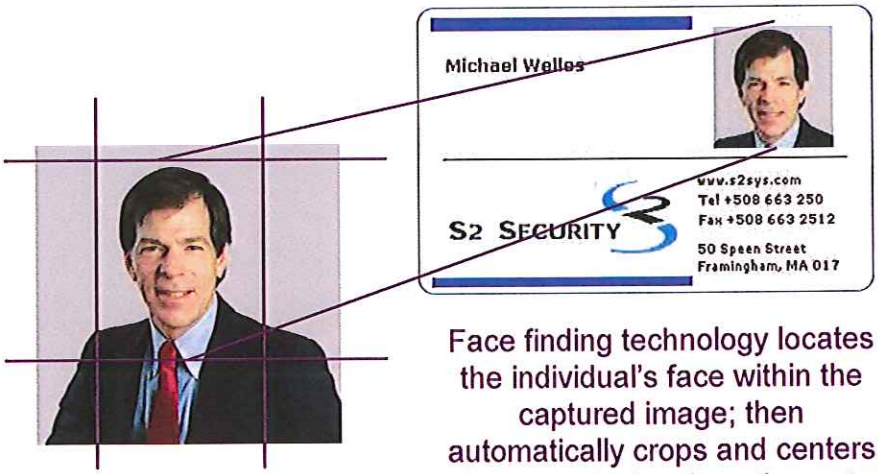
Identity Management Details

Create customized ID badges including photos, bar codes, and signature panels



Link photos, personnel information, and system data to fields on the ID badge

View ID images of personnel card activity real time via the Monitoring Desktop or Widget Desktop



Face finding technology locates the individual's face within the captured image; then automatically crops and centers the image before inserting onto the photo ID badge

Specifications

PC Requirements:
Windows XP Pro (Logitech or Canon Cameras) or Windows Vista (Logitech cameras only)
Internet Explorer 6 or higher, Active X component are utilized

Supported Cameras:
Logitech® QuickCam® Orbit AF camera
http://www.iwsinc.com/Support/EPISuite_compatible_hardware.cfm?Device=Image%20Capture

Supported Signature Capture Devices:
http://www.iwsinc.com/Support/EPISuite_compatible_hardware.cfm?Device=Signature%20Pad

Supported Badge Printers:
http://www.iwsinc.com/Support/EPISuite_compatible_hardware.cfm

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S2 SECURITY
www.s2sys.com

S2 SECURITY

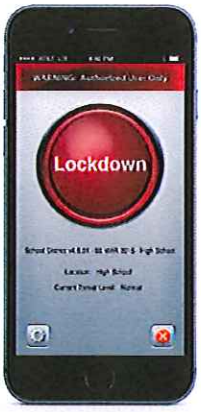
S2 Threat Level Escalator

Overview

S2 Threat Level Escalator is an app that enables security personnel and general users such as school and hospital staff to instantly change the threat level status of a location in their S2 access control system from a mobile device. The one-button user interface is optimized for rapid response to emergency situations. When tapped, the button initiates a pre-programmed response protocol, for example, a facility lockdown. It can also dial an emergency phone number or initiate communications to a command center if needed.

All users and mobile devices are managed by the S2 access control system administrator and assigned specific threat level and location credentials. The app is password protected on the device, ensuring only authorized personnel and devices can escalate the system threat level.

S2 Threat Level Escalator is especially applicable for high-risk organizations such as educational institutions, hospitals and industries working in hazardous environments. S2 Threat Level Escalator works with S2 NetBox® and S2 NetBox VR series products.



A facility-wide lockdown and emergency response protocols can be initiated with the tap of a button.

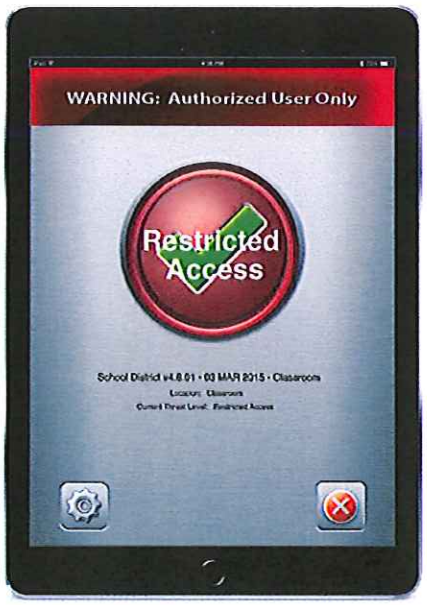
Key Features

System

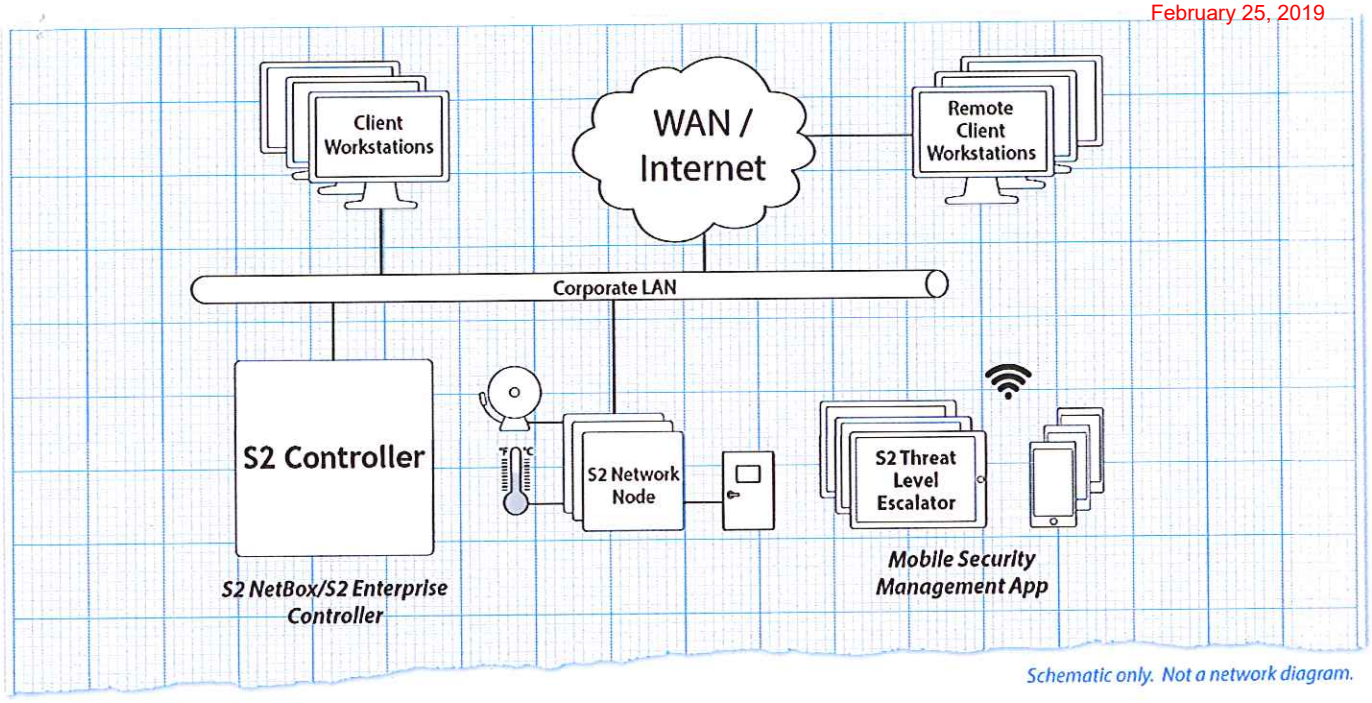
- Mobile App: Allows authorized security personnel and general users to instantly change facility threat levels from a mobile device
- User Management: Enables assignment of users, devices and credentials according to an organization's policies and procedures

Mobile Security Management

- Access Control: Restricts access to locations specified by the user's credentials
- Simple User Interface: Provides one-button operation for security personnel and general users such school and hospital staff
- Emergency Call Option: Automatically or manually initiates a call to first responders or a command center



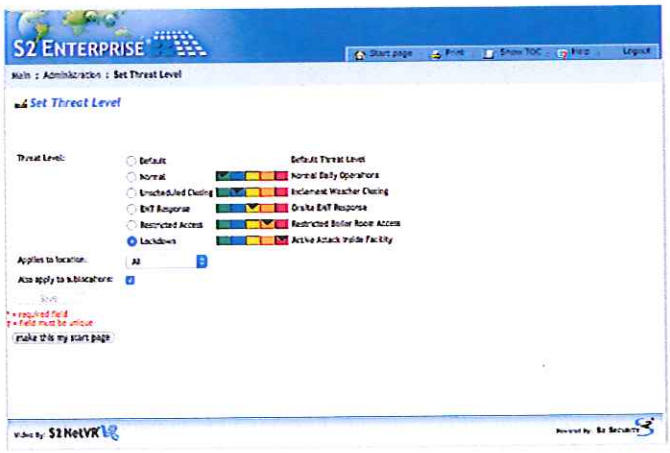
Authorized security personnel and general staff can restrict access to specified locations within their facility.



Schematic only. Not a network diagram.

Specifications – S2 Threat Level Escalator

Access Control	
S2 NetBox Software	**Version 4.4.04 and later**
Client Requirements	
Minimum Operating System	**IOS 6.1 and later (iPhone, iPad and iPod Touch)**
Product Sourcing	
Free download from Apple App Store	



Threat levels are customizable in the S2 access control system according to organizational policies and procedures.

Registered Devices:

Person	Device Name	Location	Threat Level	Phone Number	Phone Option
Superintendent	District iPad	All	Unscheduled Closing		None
High School Principal	iPhone	High School	Lockdown	911	Auto Dial
High School Administrator	Main Office iPad	High School	EMT Response		None
High School Teacher	Classroom iPad	Classroom	Restricted Access	555-555-5555	Manual Call
Middle School Principal	iPhone	Middle School	Lockdown	911	Auto Dial

S2 Threat Level Escalator enables assignment of users, devices and credentials.

For more information, please visit www.s2sys.com.

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S2040515

S2 SECURITY

Safety Technology International

Stopper® Stations

MODEL NUMBER: SS2429EM-EN

Build this North American style, ADA Compliant, multipurpose push button switch to your specifications. Unique, patented design helps dramatically stop accidental activation. Available in five colors, eight button activation choices, with or without a protective cover and in any language to accommodate most applications. Part numbers for button and cover kits may vary when ordering between the US and UK offices. Please contact sales to confirm part numbers.

Agenda Item
11.C
February 26, 2019

LED Strobe Lights

SL-1301-EAQ
12 LEDs total, flash only

SL-1301-BAQ
32 LEDs total, 5 LED strips
Same as EAQ series plus adjustable flash speeds and patterns, and optional battery backup

SL-1301-SAQ
54 LEDs total, 10 LED strips
Same as BAQ series plus 100dB siren

Features:

- Utilizes high-intensity LEDs
- Operating life over 50,000 hours (over 5.7 years)
- Same size as the SL-126Q strobe light
- Simple 2-wire installation
- Weather resistant
- High-impact resistant case
- High-impact and heat-resistant lens
- Reverse polarity protection
- Visible in all directions
- 5 lens colors available:
  Amber, Blue, Clear, Green and Red

BAQ series also include all features of the EAQ plus:

- 5 Vertical LED strips (32 LEDs total) increase visibility from various directions
- 6 different flashing options
- Adjustable flashing speed
- Backup battery available for continuous lighting applications

SAQ series also includes all features of the BAQ plus:

- 10 Vertical LED strips (54 LEDs total)
- Built-in 100dB siren (programmable)

Ordering Info:

Model	12 LED	32 LED	54 LED
Amber	SL-1301-EAQ/A	SL-1301-BAQ/A	SL-1301-SAQ/A
Blue	SL-1301-EAQ/B	SL-1301-BAQ/B	SL-1301-SAQ/B
Clear	SL-1301-EAQ/C	SL-1301-BAQ/C	SL-1301-SAQ/C
Green	SL-1301-EAQ/G	SL-1301-BAQ/G	SL-1301-SAQ/G
Red	SL-1301-EAQ/R	SL-1301-BAQ/R	SL-1301-SAQ/R

Specifications:

Model	SL-1301-EAQ	SL-1301-BAQ	SL-1301-SAQ
Operating voltage	6~12 VDC	9~12VDC, 12 VAC	10~24 VAC/VDC
Current draw (max)[1]	200mA	75~280mA	90~350mA
# of flash patterns[2]	1	6	6
Flashing speed	130 times/min	Adjustable 30~260 times/min	
Vertical LED strips	0	5	10
Total # of LEDs	12	32	54
Backup battery[3]	No	Yes	Yes
Operating temperature	-4°~144° F (-20°~65° C)		
Electrical protection	Reverse polarity protected		
Built-in siren	No		Yes (100dB)
IP rating	IP66		IP55
Dimensions	$3^{15}/_{16}$"x$2^{29}/_{32}$" (100x74mm)		

[1]Depending on settings [2]SL-1301-EAQ series has strobe only [3]9VDC battery not included

SECO-LARM® U.S.A., Inc.
16842 Millikan Avenue, Irvine, CA, 92606
Phone: (949) 261-2999 | (800) 662-0800 **Fax:** (949) 261-7326
Website: www.seco-larm.com **Email:** sales@seco-larm.com

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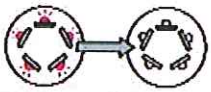
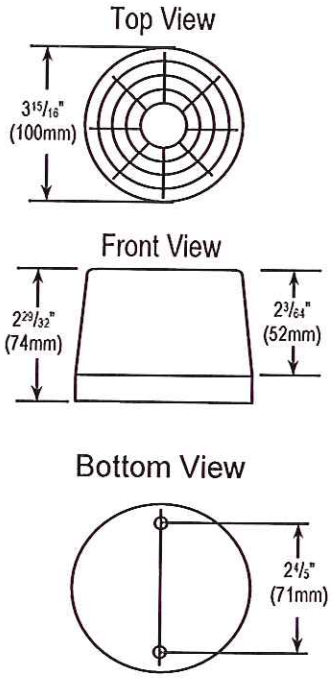
ENFORCER®

Security

Programmable Flashing Patterns: (BAQ & SAQ models only):

DIP Switch Position	Flash Pattern Description (SL-1301-BAQ shown)	
1	**Strobe** LEDs flash on and off continuously. (Default setting)	
2	**Rotate Clockwise** Light rotates clockwise in a circular fashion continuously. (Beacon)	
3	**Steady ON** All LEDs stay on. Ideal for continuous lighting applications.	
4	**Flash with Progressive ON** LEDs turn on progressively clockwise until all LEDs are lit (sweep), and then turn off.	
5	**Rotate Back and Forth** LED groups light up one at a time, rotating clockwise and counterclockwise.	
6	**Flash with Progressive ON/OFF** LEDs turn on progressively clockwise (sweep), then turn off progressively counterclockwise.	

Dimensions:



Also Available from SECO-LARM:

Note: The SL-1301 series LED strobe light has the same dimensions as the SL-126 series strobe light.

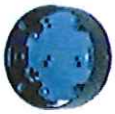
Replacement Lenses
SL-126LQ/X
(Replace "X" with the first letter of the desired color)

Available in Red, Blue, Amber, Clear, or Green

Mounting Options

Conduit Drop
SL-1901-DAQ

Conduit Box
SL-1901-JAQ



Application Photos

Conduit Drop

Conduit Box

Both

Xenon Tube Strobe Lights
SL-126Q Series

Available in Red, Blue, Amber, Clear, or Green

SECO-LARM® U.S.A., Inc.
16842 Millikan Avenue, Irvine, CA, 92606
Phone: (949) 261-2999 | (800) 662-0800 **Fax:** (949) 261-7326
Website: www.seco-larm.com **Email:** sales@seco-larm.com

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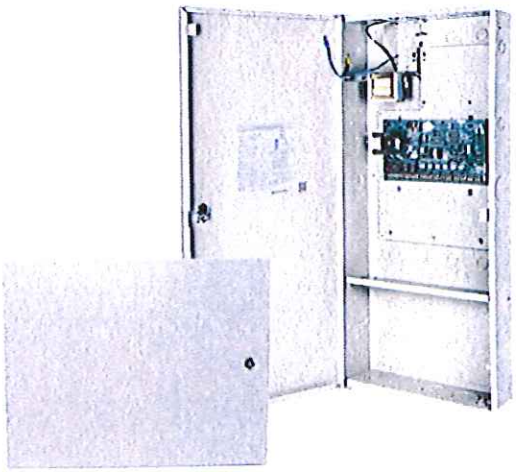
DMP.COM @DMPALARMS

XR550 Panel



FEATURES

- Select Area, All/Perimeter, or Home/Sleep/Away operation
- 32 individual reporting areas with common areas
- Up to 96 supervised door access points and/or keypads
- 32 character names available for user, zone, area, profiles and group names
- Up to four profiles per user
- Fully supervised network, cellular, and Wi-Fi communication
- Communications Diagnostics check network and cellular communication status from the keypad
- Eight communication paths between the panel and central station
- Flexible system arming features with Instant Arming option
- Lockdown operation from keypad or mobile app
- Up to 562 two-wire smoke detector or fire-initiating zones
- 10,000 user codes with 99 profiles and temporary codes
- 506 outputs
- 12,000 event buffer
- Built-in phone line monitor
- French, Spanish and English menus available
- 1.5 Amps 12 VDC smoke and auxiliary output with OVC protection
- EASYconnect™ connection for Virtual Keypad™ when used with a network connection

XR550 Bank Features

- UL Bank, Safe and Vault
- Card plus pin
- User inactivity audit
- Two Man Rule
- Panic Button Test
- Early Morning Ambush

XR550E Encryption Features

- 128 or 256 Bit AES Encryption
- NIST Certified
- Meets ICPG 705

- Onboard dialer
- Onboard 10/100 network communication
- Plug-in cellular communicators allow for Virtual Keypad™ and central station connection
- Flash updatable — locally over cell or network
- Adaptive Technology™ — cost-effective supervised cellular backup
- Up to 500 1100 Series Wireless or Wired LX Bus zones
- Up to 99 schedules for areas, doors, outputs, Z-Wave® favorites, and profiles

DMP.COM @DMPALARMS

FLEXIBLE COMMUNICATION

The XR550 has transitioned from dialer-focused communications to a true network, cellular and Wi-Fi communications approach by providing stronger, multi-layered panel communications that ensure a constant link between the panel and central station.

The unique DMP Serial 3 format supports 32-character user, zone and area names to decrease the central station response time and limit dependence on automation literal tables for message interpretation. Contact ID dialer format is also supported.

NETWORK OR CELLULAR COMMUNICATION

Built-in 10/100 auto-sensing Ethernet connection enhances both standard and encrypted line security options. Both UDP and TCP are supported. The network option can be used as the primary or backup path to the digital dialer or cellular option.

The 263 Series Cellular Communicators can be used as the primary path, providing installation flexibility where no landlines are available. They can be used as a stand-alone communicator without the need for a backup. When used as the backup path, the 263 Series communicators provides the security of a communication link that continues to function, even when landlines are cut or compromised. This interface works over a variety of carriers in the USA and Canada.

ADAPTIVE TECHNOLOGY™

If a current primary communication path becomes unavailable, Adaptive Technology directs the panel to make a seamless transition from one communication path to another, ensuring that no check-in or supervision messages are missed. This allows a system to be fully supervised when the primary communication path is unavailable, while minimizing expensive cell traffic when all paths are good. The panel is constantly checking the failed path to enable the panel to revert back to the primary path when communication is restored.

EASYconnect TECHNOLOGY

EASYconnect™ enables the control panel to establish an outbound connection to SecureCom Wireless™ over the network. This allows for an effortless installation of network panels, without any customer router programming, providing extremely quick app connection times.

ZONE AUDIT DAYS

This is a valuable auditing tool to determine whether a zone or device has not been tripped within a certain number of days. Whether the system is armed or disarmed, up to 365 days can elapse without the zone being tripped. Each time the zone is tripped, the counter restarts. After the countdown expires, a fault message is sent and the timer begins the countdown again as per the programmed days.

USER INACTIVITY

The User Inactivity audit provides notification of user codes or credentials not used over a programmable period of time; for example, employees or service providers who haven't used their PIN code or access credentials during a defined period of time. This notification promotes the purging of user and access rights as a result of employee termination or service provider changes. This option is found in System Options Programming.

EIGHT COMMUNICATIONS PATHS

Create, configure, and manage up to eight communication paths between the panel and central station. Each path has its own panel communication programming parameters and can be identified as either primary or backup. This enables installers to configure a reliable communication link, offering greater confidence that the panel will always be connected to the central station.

COMMUNICATION FUNCTION DIAGNOSTICS

The enhanced diagnostic menu enables technicians to check network and cellular communication status and cell signal strength from the keypad.

MOBILE PLATFORMS

DMP mobile platforms provide you with the tools you need to build strong connections with your customers.

- MyAccess enables end users to monitor and manage their systems remotely from any mobile phone using simple SMS texting.
- The Virtual Keypad app puts a keypad on the user's Apple iPhone®, iPad™, or Android compatible devices.

ACCESS CONTROL BURGLARY INTEGRATION

The XR550 is an integrated burglary, fire and access control system that can be configured for users to gain access and disarm the area using a single card read.

FALSE ALARM FEATURES

Providing end users with a way to reduce false alarms, both Cancel/Verify™ and the False Alarm Question prompt end users to validate whether an alarm has occurred after entering their code. In a Home/Sleep/Away or All/Perimeter system, the user can either press Cancel/Verify or Yes/No to confirm alarm status and send to the central station.

AREAS

Program up to 32 areas with a variety of options, including independent arming. Each area has a unique name and may have its own account number.

Common areas automatically arm when the last independent area is armed; likewise, they disarm when the first independent area is disarmed. This is ideal for lobbies or areas where users need common access to specific areas only.

DMP WIRELESS

DMP 1100 Series wireless communication employs 900MHz frequency-hopping spread-spectrum to ensure clear and accurate signal transmissions without interference in practically any environment. Receivers are alerted of transmitters that go missing with two-way communication. Each wireless transmitter communicates with the receiver using supervision messages.

INTRUSION PANELS

WIRELESS ONE BUTTON KEYFOB WITH PROX

The 1144-D is a portable panic button fob, programmable to function in multiple locations, with alerts for lost fobs, late to test, and lower battery power.

LOCKDOWN

For emergency situations, a lockdown command can be issued from the keypad menu or via remote command to lock all doors designated as public.

TEMPORARY CODES

Temporary codes are user codes that can be entered with a finite date and specific time to expire.

ZONE EXPANSION

The XR550 provides up to 574 zones, programmable for burglary, fire, and access applications.

- 10 Onboard Zones
- 16 Keypads = 64 Zones
- 5 Built-in LX Bus (100 zones per LX)

ONE-MAN WALK TEST

A special code is also available for installers to test the system. The One-Man Walk Test allows a single technician to check the panel response to burglary, fire, panic, and supervisory zones.

OUTPUTS

The XR550 provides up to 506 outputs that can be activated by zone or system events, by schedule, through the User Menu or when a card is presented. Output Groups allow multiple outputs to activate with a single event and/or can be assigned to a particular user profile.

FLEXIBILITY IN SCHEDULES

Enhanced scheduling for areas, doors, outputs, and holiday schedules offer flexibility for your customers. Ninety nine programmable schedules are available and can be assigned to an area, door, or output. The same schedule may be assigned to more than one area, door, or output, making them reusable. A List key facilitates browsing through the list of stored names on the keypad.

- Up to eight schedules per profile
- Up to eight schedules per door
- Up to eight schedules per area
- Up to eight schedules per output
- Up to 40 holiday dates

ENCRYPTION

The XR550 provides encrypted data transmission and is ideal for secure environments where encrypted data is required. Using 128 or 256 bit AES (Advanced Encryption Standard) ensures secure data transmission by using a unique alphanumeric passphrase.

REAL-TIME STATUS ENHANCES THIRD-PARTY INTEGRATION

Alarm systems are increasingly being integrated with environmental control and home automation systems. With real-time status information from zones, doors, and other outputs, XR550 Series panels are readily integrated with these third-party control and automation systems. See DMP.com/Integration_Partners.

KEYPAD SHORTCUT KEYS

Time-saving shortcut keys provide easy one-button access to system control for frequently used functions like system arming. The shortcut keys enable users to arm, monitor zones, test, or reset the system and perform a variety of other functions faster and easier. Shortcut keys included are: All, Reset, Home, Chime, Perim, and Sleep.

Z-WAVE SUPPORT

Add up to 140 Z-Wave devices with the 738Zplus module for mobile control of lights, locks, and thermostats. Up to 20 favorites allow users to program multiple devices to respond to a single command or panel events like arming and disarming. Z-Wave devices can be controlled with the 7800 Touchscreen Keypad or MyAccess and Virtual Keypad.

96 ACCESS CONTROL DOORS

Any access control reader with a Wiegand output can be connected to the XR550 Series panel.

The XR550 system can restrict access by schedule, arming level, or other criteria. The specific reason for access denial can be displayed on the keypad, stored in events, sent to the central station, and DMP Advanced Reporting. Anti-passback feature is also available.

THINLINE™ KEYPADS

The stylish and sleek 7000 Series Thinline™ LCD Keypads provide three two-button panic keys, AC power and Armed LEDs, 32-character display, backlit logo and keyboard plus an internal sounder. The 7063 keypad also includes a built-in proximity reader for codeless arming and disarming.

VALUABLE VISUAL ALARM INDICATOR

In a normal state, both the keypad and logo backlighting remain blue on Aqualite keypads or green on Thinline keypads. However, during an alarm state, the keypad and logo turn red. The change in color allows individuals on-site to instantly recognize an alarm condition.

7800/9800 SERIES GRAPHIC TOUCHSCREEN KEYPAD

Provides touchscreen control for all keypad functions. It has a slim profile in stylish gloss black or white finish with a 5-inch, full-color display.

COMMERCIAL FIRE

The DMP XR550 is also approved for commercial fire applications. Integrate intrusion, access, and fire into a single application or use the XR550FC as a stand-alone commercial fire alarm control panel. See LT-1317 for more information.

SONITROL GREAT LAKES

7421 Fenton Road
Grand Blanc, MI 48439
Phone: (248)473-9400
Fax: (248)473-9410
www.sonitrolgreatlakes.com

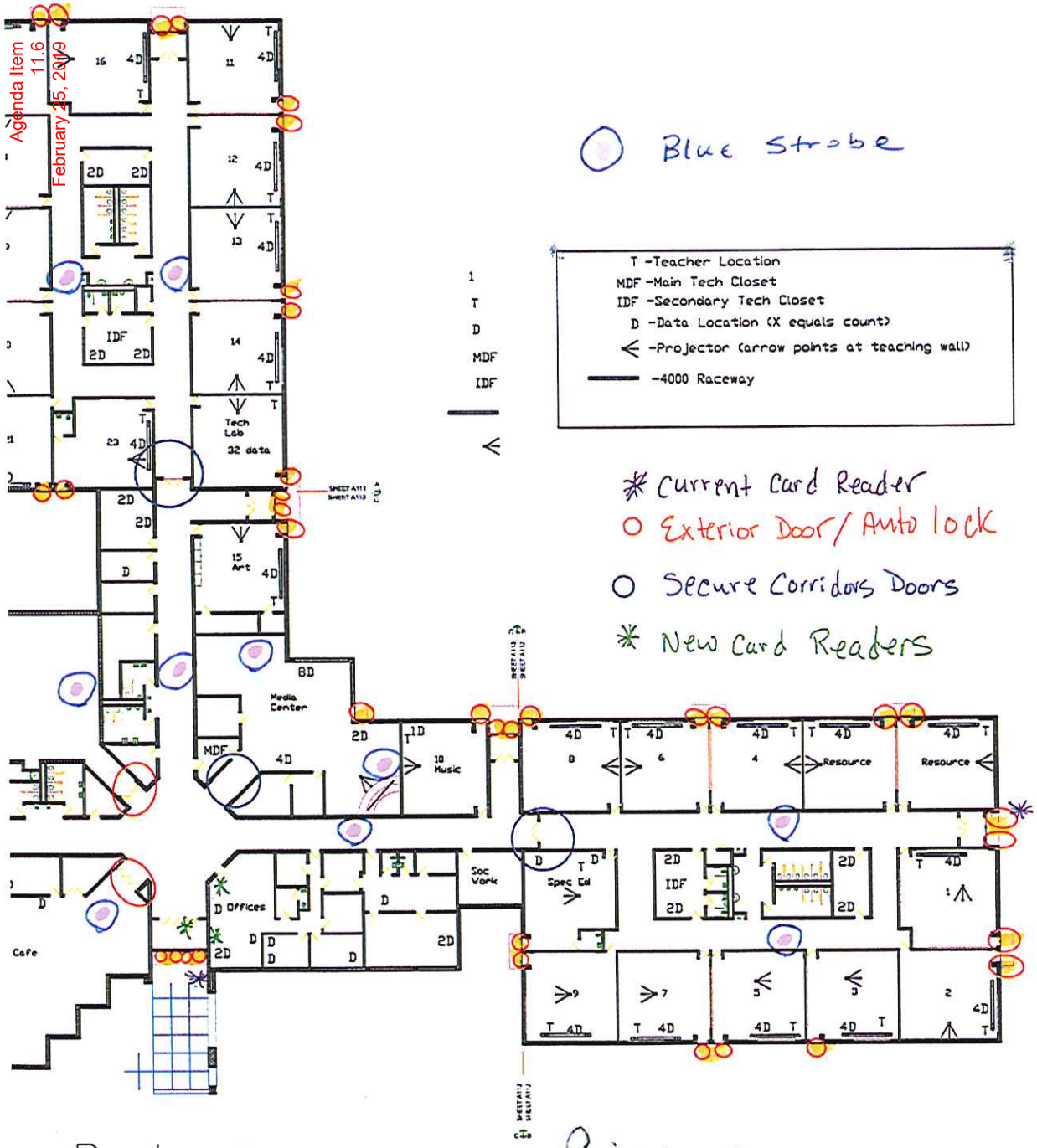
SONITROL GREAT LAKES REFERENCES

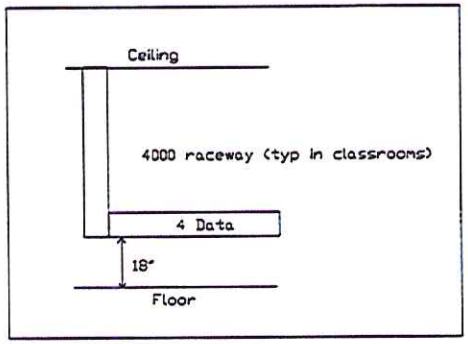
Adrian Public Schools
785 Riverside Drive
Adrian, MI 49221
Mr. Kyle Modzel
517-294-1581
kmodzel@adrian.k12.mi.us

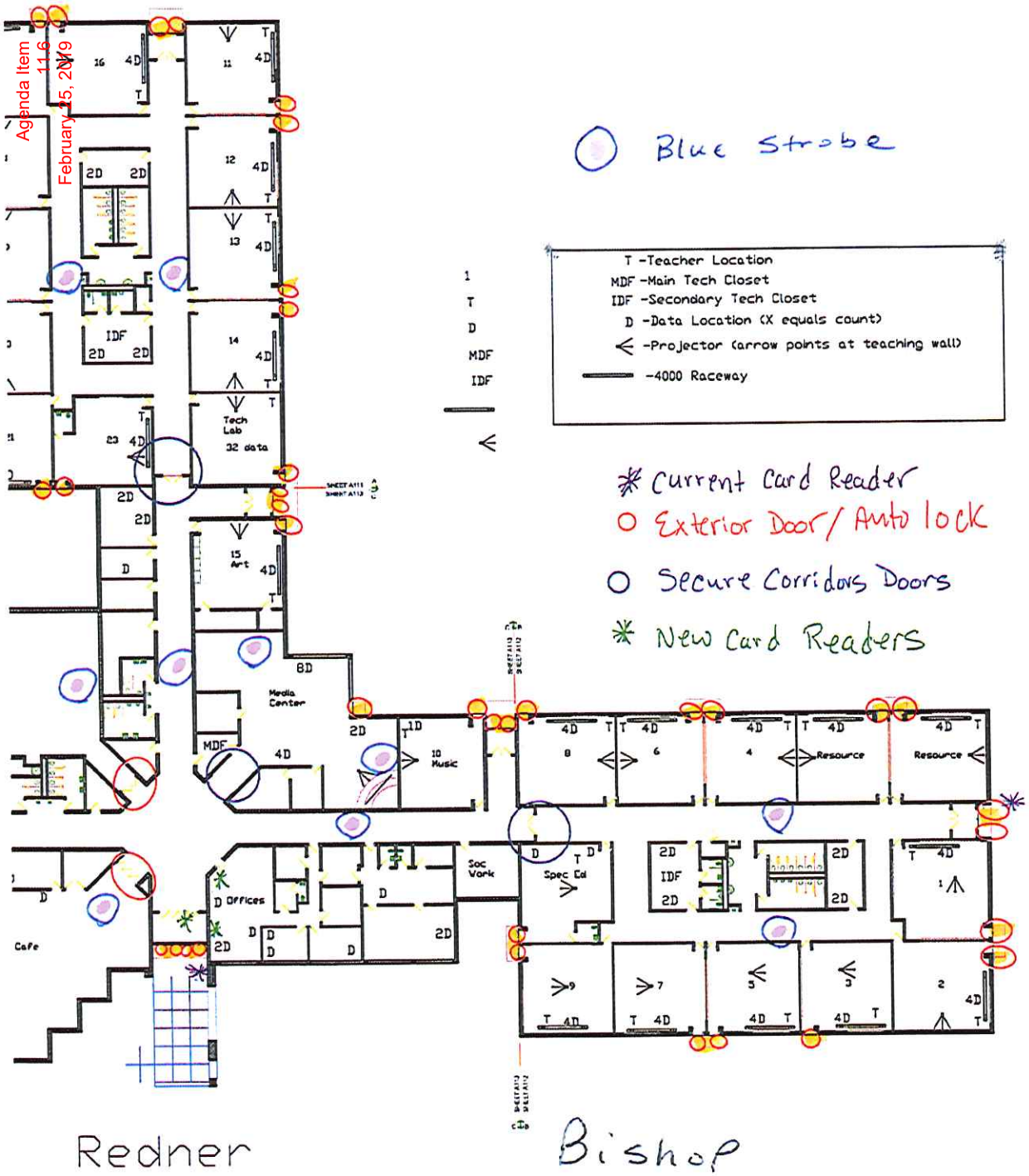
Laingsburg Community Schools
112 High Street
Laingsburg, MI 48040
Matt Shastal
517-651-2705
Matt.shastal@laingsburg.k12.mi.us

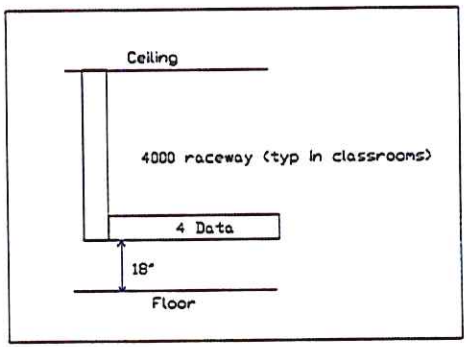
Haslett Public Schools
5593 Franklin Street
Haslett, MI 48840
Steve Cook
517-339-8242 Ext. 1201
cooksl@haslett.k12.mi.us

Powers Catholic High School
1505 W. Court Street
Flint, MI 48503
Rory Matter
810-591-4741
rmatter@powerscatholic.org


Blue Strobe
T -Teacher Location
MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway
Current Card Reader
Exterior Door/ Auto lock
Secure Corridors Doors
New Card Readers
Media Center
Tech Lab
32 data
Art
Music
Resource
Resource
Soc Work
Spec Ed
Offices
Cafe
IDF
MDF
Redner
Bishop


Ceiling
4000 raceway (typ in classrooms)
4 Data
18"
Floor


Blue Strobe
T -Teacher Location
MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway
1
T
D
MDF
IDF
* Current Card Reader
O Exterior Door / Auto lock
O Secure Corridors Doors
* New Card Readers
Media Center
Tech Lab
32 data
Art
Music
Resource
Resource
Soc Work
Spec Ed
Offices
Cafe
Redner
Bishop

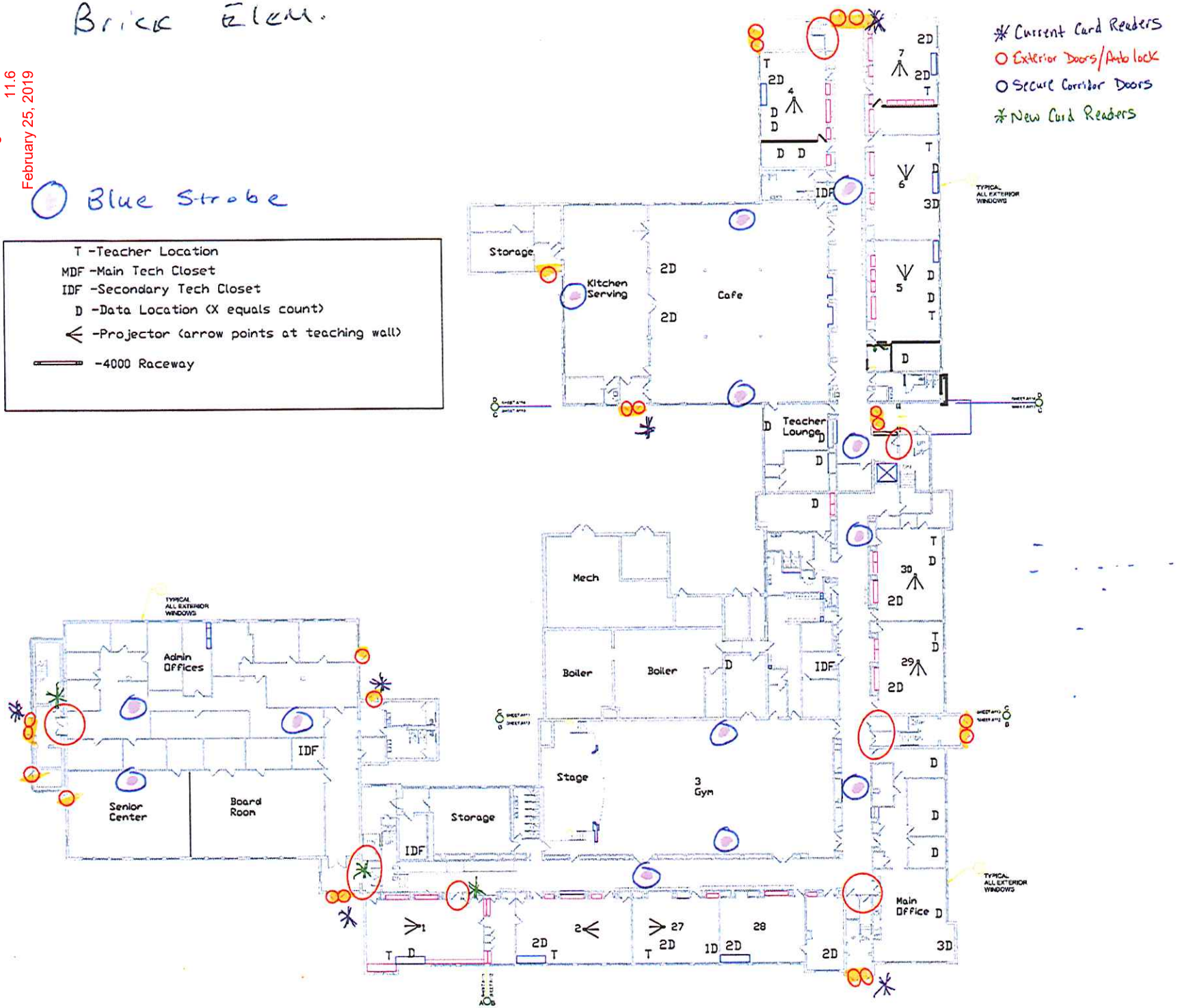

Ceiling
4000 raceway (typ in classrooms)
4 Data
18"
Floor

Brick Elem.

Blue Strobe

T -Teacher Location
MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway

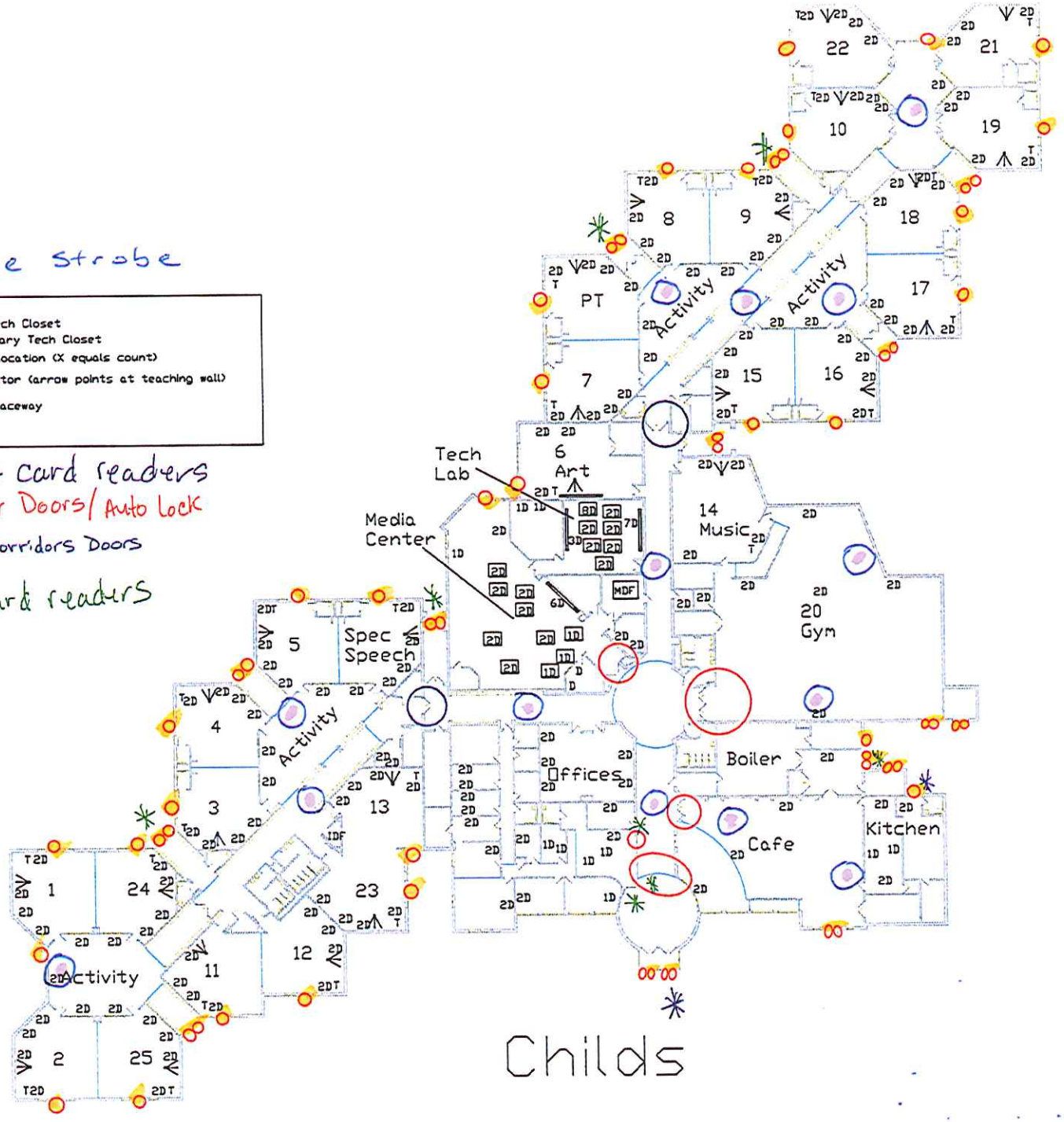
* Current Card Readers
O Exterior Doors/Auto lock
O Secure Corridor Doors
* New Card Readers

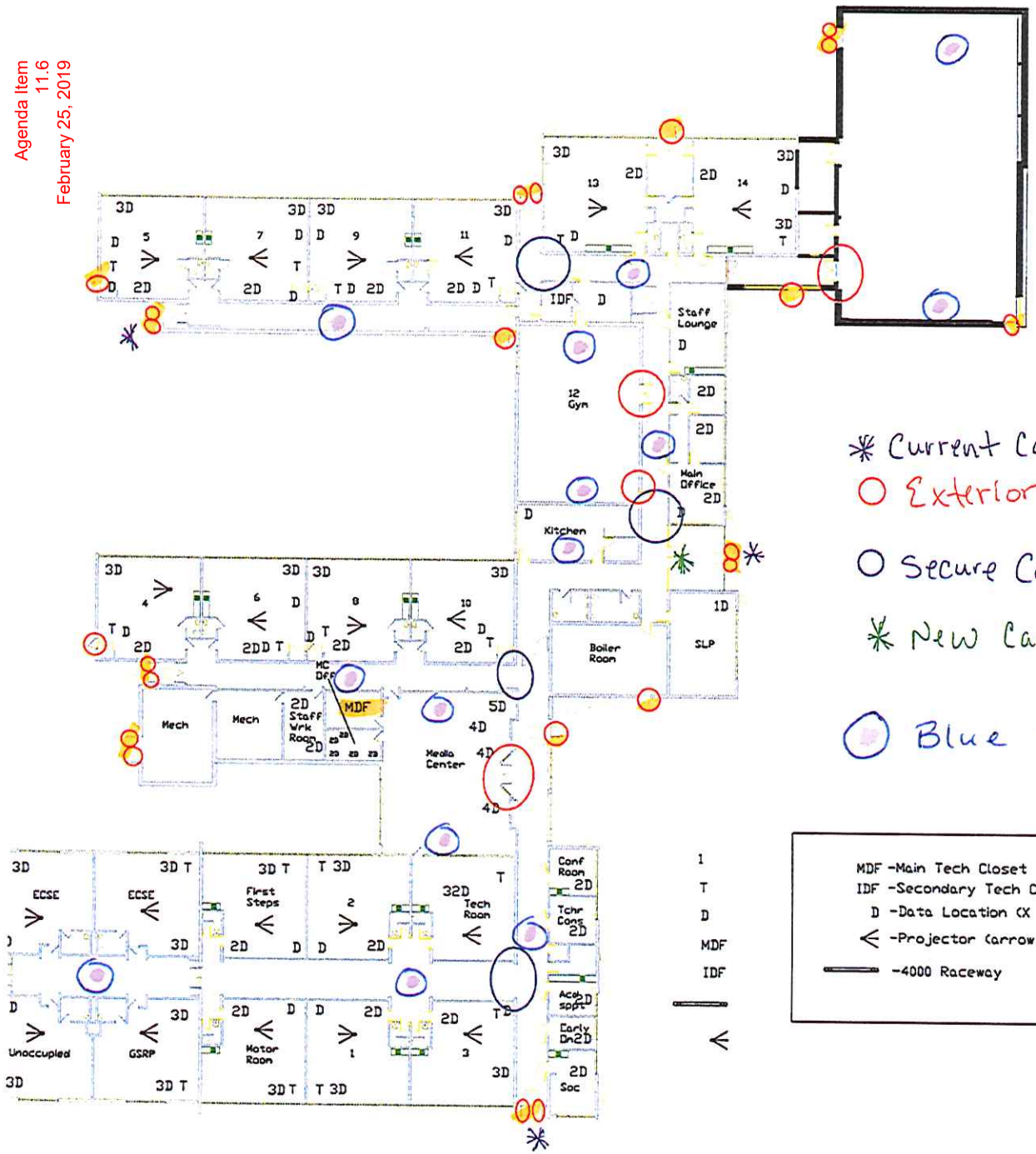


Blue strobe

MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway

Current card readers
Exterior Doors/ Auto Lock
Secure Corridors Doors
New card readers

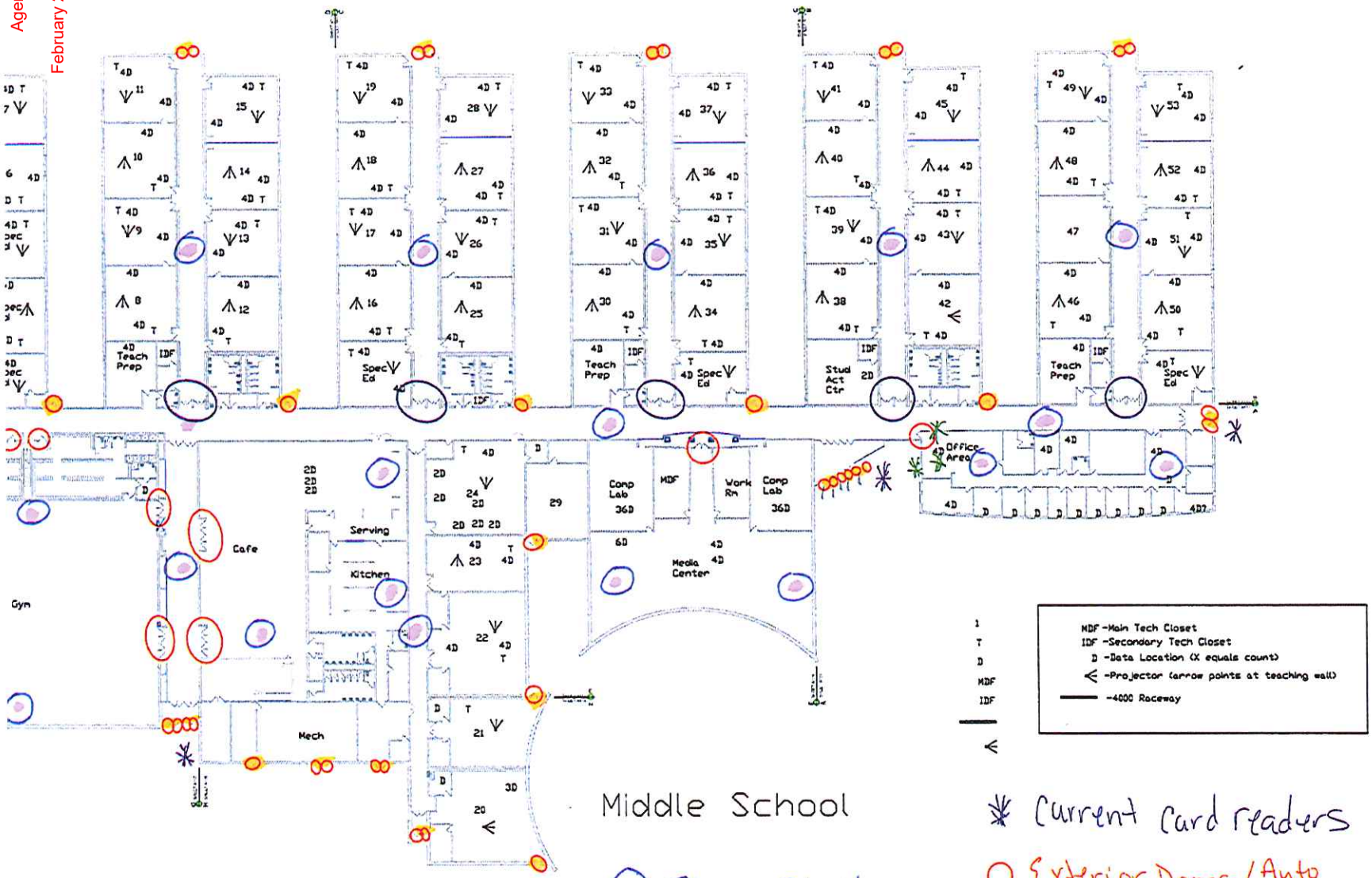




* Current Card Reader
○ Exterior Doors/Auto Lock Doors
○ Secure Corridor Door
* New Card Readers
○ Blue Strobe

MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway

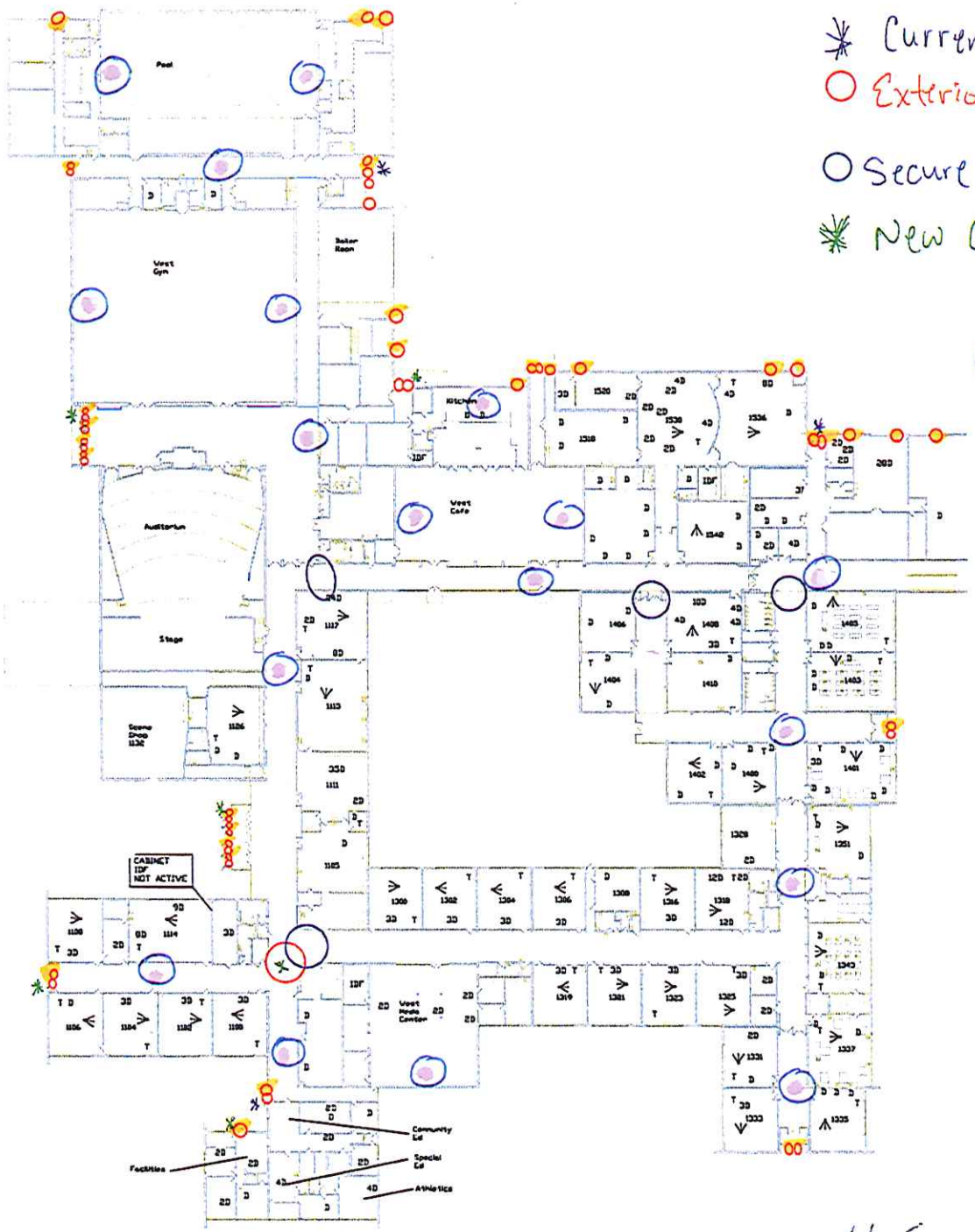
Model



Middle School

Blue Strobe

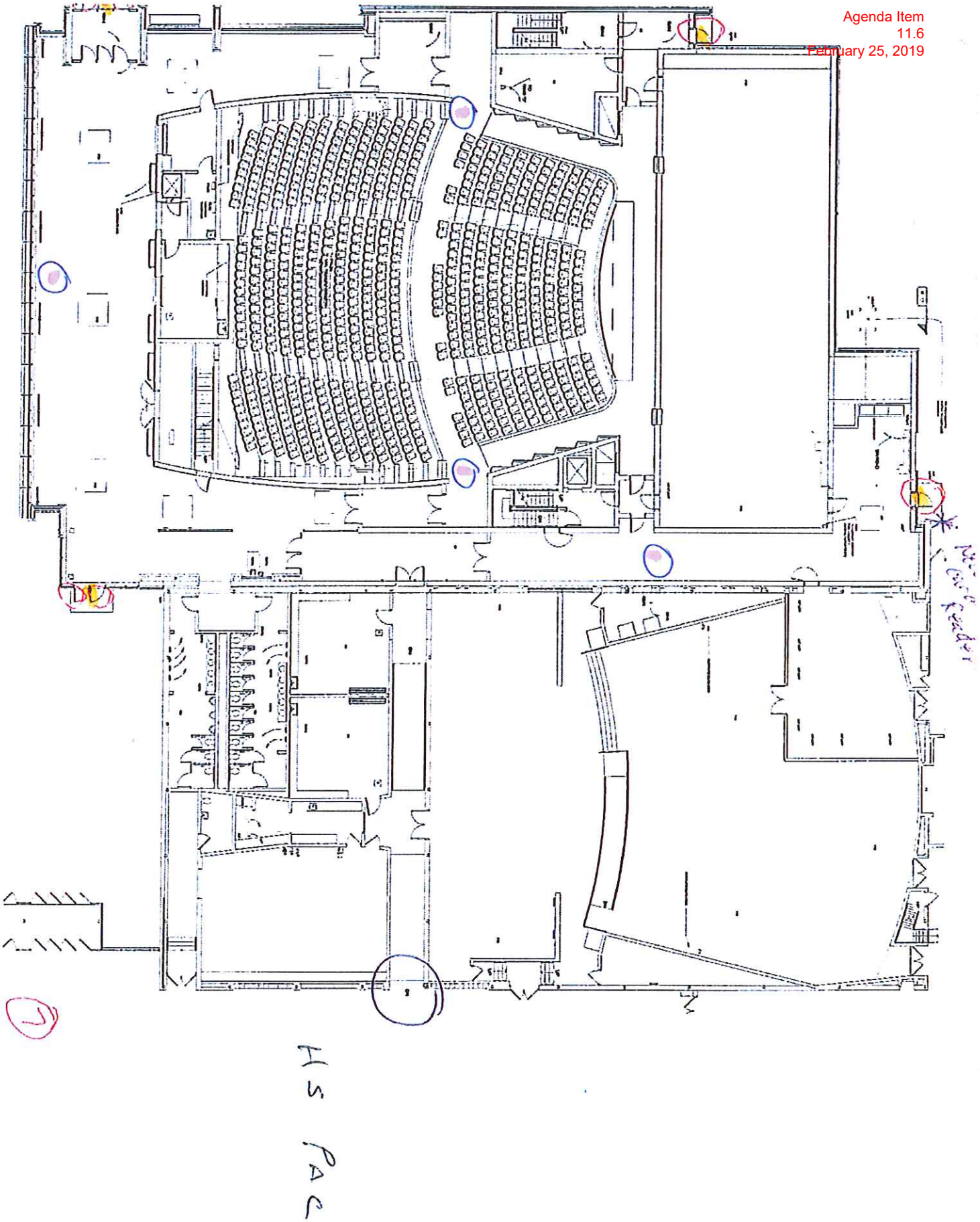
* Current Card readers
○ Exterior Doors / Auto lock
○ Secure Corridor Doors
* new Card readers



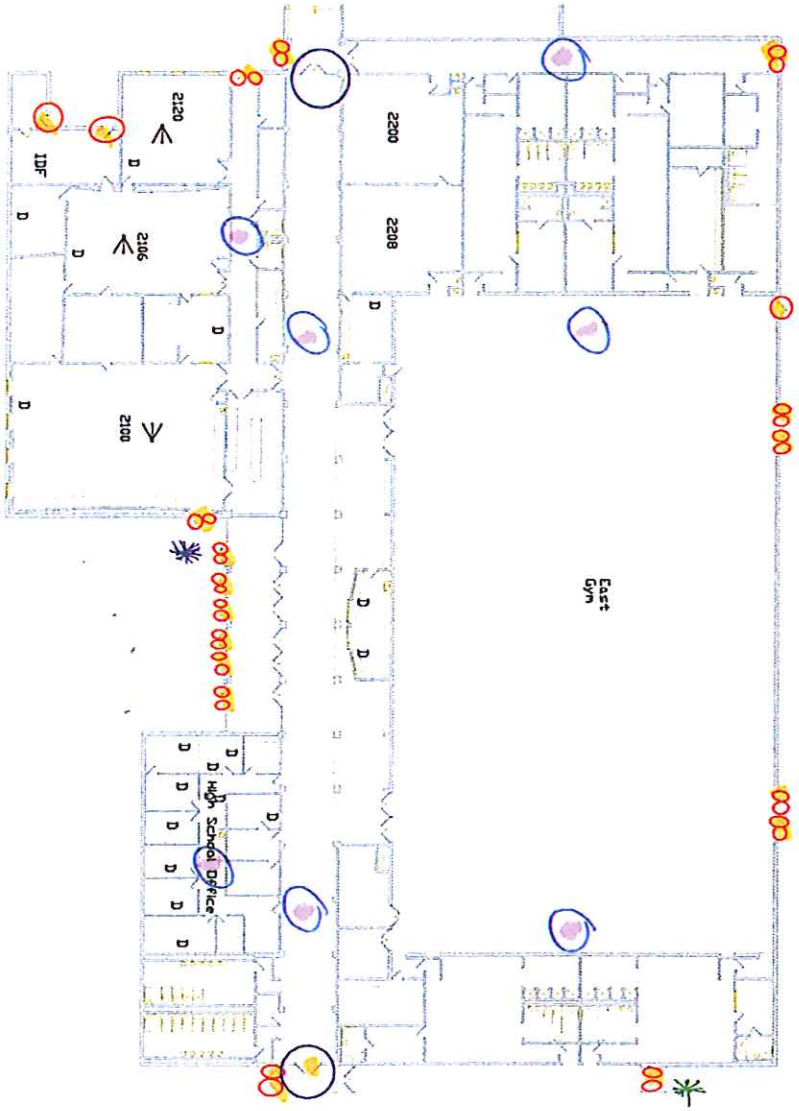
* Current Card Readers
○ Exterior Door / Auto Lock
○ Secure Corridor Doors
* New Card Readers

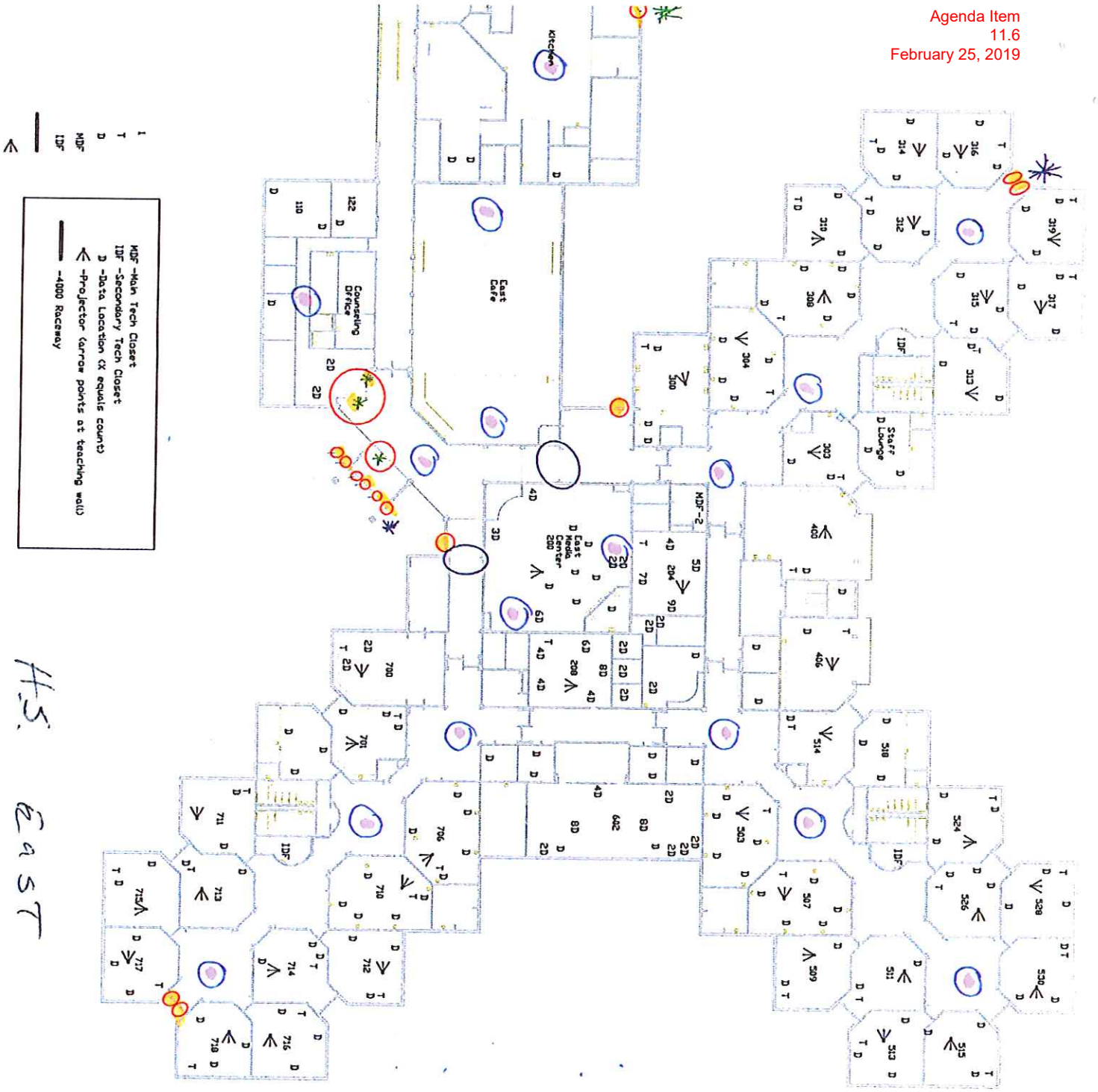
○ Blue Strobe

H.S. WEST



H.S. Center




MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway
MDF
IDF
Kitchen
East Cafe
Counseling Office
Staff Lounge
East Media Center
MDF-2
IDF

H.S. East

LINCOLN
CONSOLIDATED SCHOOLS

REQUEST FOR PROPOSAL

Emergency Evacuation Plan Displays

For

Lincoln Consolidated Schools

Proposal Due:
Friday January 25, 2019 at 12:00 p.m. (local time)
Request for Proposal (RFP)

Mr. Philip Bongiorno, Director of Facilities
Lincoln Consolidated Schools
7425 Willis Road
Ypsilanti, MI 48197
Phone: 734-484-7039

E-mail: bongiornop@lincolnk12.org **Emergency Evacuation Plan Displays**

Late Proposals Will Not Be Accepted or Considered

Lincoln Consolidated Schools
7425 Willis Road
Ypsilanti, MI 48197

Invitation to Bid
Purchase of Emergency Evacuation Plan Displays

Bids are being solicited for the purchase of Emergency Evacuation Plan Displays. Enclosed are general and specific conditions, specifications, and other data necessary to respond to this bid. All invitations to bid issued by Lincoln Consolidated Schools will bind bidders and successful bidders to the conditions and requirements, set forth in these general conditions, and such conditions shall form an integral part of each purchase contract awarded.

Instructions to Bidders

All bid responses must be submitted to Phil Bongiorno, Director of Facilities, not later than **Friday, January 25, 2019 at 12:00p.m. (local time)** in accordance with forms provided by Lincoln Consolidated Schools.

Please submit two sealed hard copies of the bid response, including the completed **Company Information & Certification** form, the **Bid Response & Enclosures** form, and the **Bid Price** form(s) included in this packet. Please email request to: bongiornop@lincolnk12.org. The sealed bid is to be date-stamped in the Business office no later than **Friday January 25, 2019 at 12:00p.m.** The outside of the envelope must include the bid title, due date and time, and be addressed as follows:

Lincoln Consolidated Schools
Phil Bongiorno, Director of Facilities
Purchase of Emergency Evacuation Plan Displays
7425 Willis Road
Ypsilanti, MI 48197

Facsimile transmission of the bid response will not be accepted. All bids after the date and time stated above will not be considered and will be returned to the bidder unopened. The bidder assumes the risk of any delay in the mail or in the handling of the mail by employees of Lincoln Consolidated Schools. Whether sent by mail or by means of personal delivery, the bidder assumes responsibility for the bid to arrive on time and at the place specified.

Prices and information required, except signature of bidder, should be typewritten. Illegible or vague bids may be rejected. All signatures must be written. Facsimile, printed or typewritten signatures are not acceptable.

The response to the bid must be prepared simply and provide a concise description of the bidder's ability to meet the requirements. Lincoln Consolidated Schools reserves the right to request clarification of responses received and/or conduct interviews with any and all bidders.

The submission of a bid will be construed to mean that the bidder is fully informed as to the extent and character of the supplies, materials, equipment or service required, and a representation that the bidder can furnish the supplies, materials, equipment or service satisfactorily in complete compliance with the specifications.

Lincoln Consolidated Schools reserves the right to use any and all concepts presented in any reply to obtain the most beneficial and effective contract. Selection or rejection of submittal does not affect this right.

Lincoln Consolidated Schools shall have the right to waive any informality or irregularity in any bid proposal received and to accept bid proposals which, in its judgement, are in its own best interest, which includes not awarding to the low bidder. Lincoln Consolidated Schools reserves the right to accept or reject any bid proposal in its sole discretion except where otherwise provided by law and to make the award in any manner deemed to be in the best interest of the school district.

Bids are considered irregular and may be rejected for any of the following reasons:

- If bid proposal forms furnished are not used, altered, or incomplete.
- If there are unauthorized additions, qualifications, conditions, or irregularities of any kind which may make the bid incomplete, indefinite or ambiguous as to its meaning.
- If bidder adds any provisions reserving right to accept or reject any awards of contract.
- If unit prices or alternates contained in the bid schedule are obviously unbalanced either in excess of, or below, reasonable cost analysis values.
- Bidder's lack of expertise as shown by past work and judged from the standpoint of workmanship and performance history or past references.
- If any pertinent instructions to bidders are not fully complied with.

Notwithstanding any other provision of this invitation to bid, Lincoln Consolidated Schools expressly reserves the right to:

- Waive any insignificant defect or informality in any proposal/quotation procedures.
- Make all decisions, without limitation, as to whether a proposal does or does not comply with the requirements of this invitation to bid.
- Accept, reject, or negotiate terms of any proposal, or any parts thereof, for the purpose of obtaining the best and final offer. During this period, Lincoln Consolidated Schools will not disclose any information derived from proposals submitted or from discussions from other suppliers.
- Only the Superintendent's Office is authorized to negotiate on behalf of Lincoln Consolidated Schools with respect to this invitation to bid.
- Re-issue a bid proposal or cancel the proposal process.

Bids will be opened in the Large Conference room of Lincoln Consolidated Schools Administrative offices, 7425 Willis Road, Ypsilanti, MI 48197 on Friday January 25, 2019 at 12:00p.m. local time. No recommendation for award will be made at this time.

Contract Award

Awards will be made to the lowest responsible bidder, as will best promote the public interest. Specific factors to be considered in awarding the bid include, but are not limited to:

- Reliability of the bidder (determined primarily through references)
- Pricing
- Quality and conformance to specifications
- Ability to meet delivery/order lead time schedules (determined primarily through references)

It is the intent of Lincoln Consolidated Schools to award the agreement to the lowest responsive and responsible bidder, provided the bid proposal has been submitted in accordance with the requirements of the bidding documents and does not exceed the funds available.

The submission of comparable alternates will be accepted and reviewed. However, if any substitution or departure is not clearly noted as described, it will be understood that the bid intends to exactly meet the specifications. The Board of Education shall be the sole judge as to whether the proposed goods are "equal" or "approved". The Board of Education reserves the right to accept or reject any or all bids or to split awards by item.

Lincoln Consolidated Schools reserves the right to make awards within sixty (60) days after the date of the bid opening during which period bids may not be withdrawn unless the bidder distinctly states in the bid that acceptance thereof must be made within a shorter specified time.

GENERAL TERMS & CONDITIONS:

All information provided through this request and ensuing process will be held in confidence and will not be revealed nor discussed with any competitor until final execution of the purchase order. At that time, all documents of this process shall become public (excluding proprietary or financial information as determined by Lincoln Consolidated Schools regardless of statements contained within submittal to the contrary). Furthermore, all material submitted shall become the property of Lincoln Consolidated Schools and may be returned only at Lincoln Consolidated Schools option.

Contract

The placing in the mail of a notice of award or purchase order to successful bidder to the address given in the bid will be considered sufficient notice of acceptance of contract.

Upon entering into a contract with Lincoln Consolidated Schools, the successful supplier(s) shall not assign or delegate any obligation to another supplier(s) without written consent of Lincoln Consolidated Schools. All subcontractors supplying products must be identified within the bid response including name, address, phone number and projects to be supplied.

If the supplier(s) fails to deliver within the time specified, or within reasonable time as interpreted by Lincoln Consolidated Schools, or fails to make replacement of rejected articles, when so requested, immediately or as directed, Lincoln Consolidated Schools may purchase from other sources to take the place of the item rejected or not delivered. Lincoln Consolidated Schools reserves the right to authorize immediate purchase from other sources against rejections on any contract when necessary. On all such purchases, the supplier(s) agrees to reimburse Lincoln Consolidated Schools promptly for excess costs occasioned by such purchases. Should the cost be less, the supplier(s) shall have no claim to the difference. Such purchases will be deducted from the contract quantity.

Supplier(s) must provide the products bid. Substitutions for the convenience of the supplier(s) will not be accepted, and will be cause for termination of the contract or re-submission of the bid. Projects discontinued by the manufacturer, supplanted by improved formulations, or in tight supply due to market conditions will not apply, but will only be accepted upon notification to Lincoln Consolidated Schools.

Guarantees

The successful bidder guarantees the bidder's products against defective materials or workmanship and to repair or replace any damages or marring occasioned in transit, **delivery prior to June 30, 2019.**

Indemnification and Hold Harmless Agreement

Bidder agrees to accept responsibility for loss or damage to any person or entity, and to defend, indemnify, hold harmless and release the Lincoln Consolidated Schools, and its officers and employees from actions, claims, damages, disabilities or the cost of litigation that are asserted by any person or entity to the extent arising out of the negligent acts or omissions or willful

misconduct in the performance by the bidder hereunder, whether or not there is concurrent negligence on the part of the Lincoln Consolidated Schools, but excluding liability due to the active negligence or willful misconduct of the Lincoln Consolidated Schools. This indemnification obligation is not limited in any way by any limitation on the amount or type of damages or compensation payable to or for bidder or its agents, under workmen's compensation act, disability benefits acts or other employees' benefits acts.

Specific Terms and Conditions

Specifications

See attached bid Listing

Pricing Structure

Michigan State sales and use taxes and Federal excise taxes do not apply. Prices shall be net and not include the amount of any such tax. Exemption certificates will be furnished upon request.

Prices shall be net and include all freight and miscellaneous charges fully prepaid by the successful bidder, including, but not limited to, shipping, handling, delivery, and fuel charges.

Alternates

Supplier shall make every attempt to bid as per the specifications. In the event that a particular item(s) must be bid differently from the specifications, the bidder shall clearly indicate such on the bid form. In the event that a supplier wishes to bid a voluntary alternate in addition to the base bid (and as a cost savings consideration for the district), such alternate shall be submitted with the bid, on separate sheets, and labeled as such, with a brief description of the differences and rationale. Such proposals will be accepted and reviewed. However, if any substitution or departure is not clearly noted and described, it will be understood that the bid intends to exactly meet the specifications.

Inquiries & Questions

Please direct all inquiries, requests for clarification, or interpretation relating to this bid to Phil Bongiorno at bongiornop@lincolnk12.org.

REQUIRED SIGNED DOCUMENTS

AFFIDAVIT OF BIDDER

The undersigned, the owner or authorized officer of Fire Safety Displays Co

(the "Bidder"), pursuant to the Iran Economic Sanctions Act (MCL 129.313), and the requirement provided in the Lincoln Consolidated Schools (the "School District") advertisement or RFP documentation for musical instruments, hereby represent and warrant, except as provided below, that (the Bidder's Company/Business is in full and unconditional compliance with Public Act 517 of 2012 MCL, and is not an Iran Linked Business.

Conditional Effect 129.316 Sec. 6: The provisions of this Act are effective only if Iran is a State sponsor of terror as defined under section 2 of the divestment from terror Act, 2008 PA 234, MCL 129.292.

BIDDER: Fire Safety Displays Co / David Cot

By: David C. Cot

Its: President

STATE OF MICHIGAN)
COUNTRY OF WASHTENAW)

This instrument was acknowledged before me on the 24th day of January, 20 19,
By

Elisa L. Adams
Notary Public

ELISA L ADAMS
Notary Public - State of Michigan
County of Wayne
My Commission Expires Sep 24, 2024
Acting in the County of Wayne

Wayne County, Michigan

My Commission Expires: 9/24/2024

Acting in the County of: Wayne

AGREEMENTS:

The undersigned understands that the District reserves the right to reject any and all bids and to waive informalities and irregularities in bidding.

District also reserves the right to hold bids for a period of 60 days from bid opening date.

The District reserves the right to accept or reject any or all Bids in whole or in part, or to waive any informality therein. If in the District's opinion it is in their best interest, the contract may be awarded to other than the lowest bidder, for reason of establishing uniformity, delivery time, etc.

If award is made to us under this proposal, we agree to enter into an Agreement with Lincoln Consolidated Schools to furnish products and/or services, in strict accordance with this proposal, bid documents and all pertinent portions of plan and specifications.

My signature certifies that the proposal as submitted complies with all Terms and Conditions as set forth in this RFP.

My signature also certifies that the accompanying proposal is not the result of, or affected by, any unlawful act of collusion with another person or company engaged in the same line of business or commerce, or any act of fraud. Furthermore, I understand that fraud and unlawful collusion are crimes under Federal Law, and can result in fines, prison sentences, and civil damage awards.

My signature also certifies that this firm has no business or personal relationships with any other companies or persons that could be considered as a conflict of interest or potential conflict of interest to the Lincoln Consolidated Schools, and that there are no principals, officers, agents, employees, or representatives of this firm that have a any business or personal relationships with any other companies or person that could be considered as a conflict of interest of potential conflict of interest to Lincoln Consolidated Schools, pertained to any and all work or services to be performed as a result of this request and any resulting contract with Lincoln Consolidated Schools.

I hereby certify that I am authorized to sign as a Representative for the Firm:

Name, title, and signature of individual duly authorized to execute contracts:

Name: David C. Cole

Title: President

Signature: David C. Cole

Lincoln Consolidated Schools
Sworn & Notarized Familial Disclosure Statement

All bidders must provide familial disclosure in compliance with MCL 380.1267 and attach this information to the bid. The bid will be accompanied by a sworn and notarized statement disclosing any familial relationship that exists between the owner or any employee of the bidder and any member of Lincoln Consolidated Schools Board of Education or the Superintendent of the Lincoln Consolidated Schools. The District will not accept a bid that does not include this sworn and notarized disclosure statement.

The following familial relations exist between the owner or any employee of the bidder and member of the Lincoln Consolidated Schools Board of Education or the Superintendent of Lincoln Consolidated Schools.

Owner/Employee	Name Related To	Relationship
1.		
2.		
3.		
4.		
5.		

Attach additional pages if necessary to disclose familial relationship.

There is no familial relationship that exists between the owner and any employee of the bidder and any member of the Lincoln Consolidated Schools Board of Education or the Superintendent of the Lincoln Consolidated Schools.

Bidder's Firm Name: Fire Safety Displays Co
By (Signature): [signature]
Printed Name & Title David C. Cox - President
Subscribe and sworn before me this 24th Day of January, 2019 a Notary Public
In and for Wayne County MI
Signature [signature]

ELISA L ADAMS
Notary Public - State of Michigan
County of Wayne
My Commission Expires Sep 24, 2024
Acting in the County of SEAL Wayne

NOTARY PUBLIC My Commission expires

Attachment A

Company Name: Fire Safety Displays Co.

Lincoln Consolidated Schools			
Description	Quantity	Price	Total
Emergency Evacuation & Supporting Signage framing include insertable frames: **Emergency Evacuation Plan in Slim-Line 19"x18" Gray Frames** Model (9) qty. Middle School (16) qty. High School – 1st floor (20) qty. High School East Gym (5) qty. Performing Arts Center (10) qty. Childs (10) qty. Brick 1st floor (11) qty. Brick 2nd floor (8) qty. Brick 3rd floor (4) qty. Bishop (10) qty.	103	200.00	20,600.00
Classroom evacuation in Gray D7 9 ½" x 12" frame Model (24) qty. Middle School (67) qty. High School (101) qty. Childs (32) qty. Bishop (30) qty. Brick (44) qty.	298	95.00	28,310.00
"V" Shaped "Fire alarm" red with image white copy	253	10.50	2656.50
"V" Shaped "Fire extinguisher" Red with image white copy	232	10.50	2,436.00
Single sided "Severe Weather Shelter Area Inside" 8"x12" Yellow PVC Black Image	80	13.50	1,080.00
Emergency Employee Pamphlet full color folding "pocket insert" up to 6 panels. Emergency Employee Pamphlets 6 schools x 250 per school = 1,500	1500	1.75	2,625.00
Fire Department Pre-Plan Print 6 schools/sets	6	300.00	1,800.00
Administrative time & full survey of each school	TBD 120 Hours	90.00	14,800.00

Lincoln Consolidated Schools
Emergency Evacuation Plan Display
Bid Response & Enclosures

Please verify with an "X" that the following items are included in the bid response.

1. Completed and notarized **Company Information & Certification** form X
2. Bid Price form listing unit and extended prices and all other charges X

Please respond to the following questions:

1. Describe the payment terms: PAGE 4 Quote 3046206
2. What is the required lead time to place an order? 30 Days
3. For how many days is this quote valid? 90
4. Describe any warranties provided or available for purchase: 6 MONTHS AGAINST DEFECTIVE MATERIAL ONLY.
5. How soon can you deliver the items listed in Attachment A: AS NEEDED

Specifications and Price for Emergency Evacuation Plan Displays

Price Bid Sheet for Lincoln Consolidated Schools

Company Name: Fire Safety Displays Co.

Address: 20422 Van Born, DRBN. HTS. Mi 48125

Signature: LM C.C.P

Title: President

Date: 1-24-19

Total price for instruments as specified to include delivery (please attach or describe/include all specifications and include minimum specifications with any variations noted):

$: 70,307.50

Please see Attachment A

Quote # 3046206

& Attachment B
Project Requirements
For Production

A77 #A

Agenda Item 11.7
February 25, 2019

FIRE SAFETY DISPLAYS CO
20422 VAN BORN RD.
DEARBORN HGTS, MI 48125
313-274-7888 FAX 313-274-9277
www.firesafetydisplays.com
sales@firesafetydisplays.com

QUOTE

Date	QUOTE #
1/22/2019	3046206

BILL TO
LINCOLN CONSOLIDATED SCHOOLS ATTN: PHIL BONGIORNO 7425 WILLIS ROAD YPSILANTI, MI, 48197

Contact Name	PHIL BONGIORNO
Phone Number	734-484-7039
Fax	
E-Mail Address	BONGIOMOP@LINCOLNK12.ORG

P.O. No.	Rep	JOB NUMBER
	DAVID	01MISC0000

Item	Description	Qty	Cost Each	Total
	EMERGENCY EVACUATION AND SUPPORTING SIGNAGE PACKAGE *NFPA 170 COMPLIANT EVACUATION DISPLAYS *INCLUDES CORRECT "YOU ARE HERE ORIENTATION" *ALL DISPLAYS WILL MEET AND EXCEED ALL APPLICABLE CODES CUSTOM GRAY FRAMING INSERTABLE FRAMES (SEE SAMPLES) EVACUATION DISPLAYS (ESTIMATED)			

PLEASE E-MAIL/FAX PURCHASE ORDER TO OFFICE TO PROCESS. VISA, MC, & AMEX (3% PROCESSING FEE WITH CC)	**Total**

QUOTE

FIRE SAFETY DISPLAYS CO
20422 VAN BORN RD.
DEARBORN HGTS, MI 48125
313-274-7888 FAX 313-274-9277
www.firesafetydisplays.com
sales@firesafetydisplays.com

Date	QUOTE #
1/22/2019	3046206

BILL TO
LINCOLN CONSOLIDATED SCHOOLS ATTN: PHIL BONGIORNO 7425 WILLIS ROAD YPSILANTI, MI, 48197

Contact Name	PHIL BONGIORNO
Phone Number	734-484-7039
Fax	
E-Mail Address	BONGIOMOP@LINCOLNK12.ORG

P.O. No.	Rep	JOB NUMBER
	DAVID	01MISC0000

Item	Description	Qty	Cost Each	Total
SLO-BK	"EMERGENCY EVACUATION PLAN" IN SLIM LINE 19" X 18" BLACK FRAME MODEL EARLY CHILDHOOD CENTER (9) LINCOLN MIDDLE SCHOOL (16) LINCOLN HIGH SCHOOL-1ST FLOOR (20) EAST GYM (5) POD (10) CHILDS (10) BRICK 1ST FLOOR (11) 2ND FLOOR (8) 3RD FLOOR (4) BISHOP (10)	103	200.00	20,600.00
CRD	CLASSROOM EVACUATION IN BLACK D7 9½ " X 12" FRAME MODEL EARLY CHILDHOOD CENTER (24) LINCOLN MIDDLE SCHOOL (67) ALL CLASSROOMS (101) CHILDS (32) ALL CLASSROOMS (44) BISHOP (30)	298	95.00	28,310.00
F2A	"V" FIRE ALARM RED WITH IMAGE WHITE COPY	253	10.50	2,656.50

PLEASE E-MAIL/FAX PURCHASE ORDER TO OFFICE TO PROCESS.
VISA, MC, & AMEX (3% PROCESSING FEE WITH CC)

Total

FIRE SAFETY DISPLAYS CO
20422 VAN BORN RD.
DEARBORN HGTS, MI 48125
313-274-7888 FAX 313-274-9277
www.firesafetydisplays.com
sales@firesafetydisplays.com

QUOTE

Date	QUOTE #
1/22/2019	3046206

BILL TO
LINCOLN CONSOLIDATED SCHOOLS ATTN: PHIL BONGIORNO 7425 WILLIS ROAD YPSILANTI, MI, 48197

Contact Name	PHIL BONGIORNO
Phone Number	734-484-7039
Fax	
E-Mail Address	BONGIOMOP@LINCOLNK12.ORG

P.O. No.	Rep	JOB NUMBER
	DAVID	01MISC0000

Item	Description	Qty	Cost Each	Total
F2E	"V" SHAPED FIRE EXTINGUISHER" RED WITH IMAGE WHITE COPY	232	10.50	2,436.00
M7SI	SINGLE SIDED "SEVERE WEATHER SHELTER AREA INSIDE", 8" x 12" YELLOW PVC BLACK IMAGE	80	13.50	1,080.00
PAMPHLET C	EMERGENCY EMPLOYEE PAMPHLET FULL COLOR FOLDING "POCKET INSERT" UP TO 6 PANELS EMERGENCY EMPLOYEE PAMPHLETS 6 SCHOOLS X 250 PER SCHOOL = 1,500	1,500	1.75	2,625.00
F-D-P	FIRE DEPARTMENT PRE-PLAN PRINT 6 SCHOOLS/SETS X $ 300.00 SET BINDERS ARE INCLUDED	6	300.00	1,800.00
SUR- ADMIN	ADMINISTRATIVE TIME AND FULL SURVEY OF EACH SCHOOL (EST 120)	120	90.00	10,800.00

PLEASE E-MAIL/FAX PURCHASE ORDER TO OFFICE TO PROCESS.
VISA, MC, & AMEX (3% PROCESSING FEE WITH CC)

Total

QUOTE

FIRE SAFETY DISPLAYS CO
20422 VAN BORN RD.
DEARBORN HGTS, MI 48125
313-274-7888 FAX 313-274-9277
www.firesafetydisplays.com
sales@firesafetydisplays.com

Date	QUOTE #
1/22/2019	3046206

BILL TO
LINCOLN CONSOLIDATED SCHOOLS ATTN: PHIL BONGIORNO 7425 WILLIS ROAD YPSILANTI, MI, 48197

Contact Name	PHIL BONGIORNO
Phone Number	734-484-7039
Fax	
E-Mail Address	BONGIOMOP@LINCOLNK12.ORG

P.O. No.	Rep	JOB NUMBER
	DAVID	01MISC0000

Item	Description	Qty	Cost Each	Total
	*ELECTRIC PDF FILES FOR EVACUATION PLANS (NORTH UP)AND F.D. PLANS ARE INCLUDED ***25% DEPOSIT OF PROJECT IS REQUIRED TO START *** OR ****3% DISCOUNT ON TOTAL PROJECT WITH 50% DEPOSIT WITH FINAL WHEN PROJECT IS COMPLETED***		0.00	0.00

PLEASE E-MAIL/FAX PURCHASE ORDER TO OFFICE TO PROCESS. VISA, MC, & AMEX (3% PROCESSING FEE WITH CC)	**Total**	$70,307.50

--PRODUCT WARRANTY AND DISCLAIMER--
All our displays/identification signage carry a six month warranty against defective materials only. The F.S.D.C produces Evacuation Displays and Identification Signs based on information supplied to our company and will not be held responsible for the accuarcy of the information that is supplied to us. No other warranities, expressed or implied, are made in reference to this product. The customer assumes all risk and liability arising from the use of this product. The customer agrees to idemnify the F.S.D.C. and save the F.S.D.C. harmless from any and all claims, damage or causes or action that the F.S.D.C. may incur as a result of furnishing the product to the customer. Any artwork designs or products produced by the F.S.D.C. are stictly for graphic presentation and the customer has final approval for which he or she must sign approved with name, title, and date. This proposal will be honored 90 days from the above date of this proposal.

A 77 # B

Agenda Item
11.7
February 25, 2019

FIRE SAFETY DISPLAYS CO.

20422 Van Born Road Dearborn Heights., MI 48125
(313) 274-7888 Fax: (313) 274-9277
www.firesafetydisplays.com

Greetings!
Below is the process that must be followed for obtaining quote, authorization, design, production and delivery for the finest Evacuation Displays available anywhere!

EVACUATION DISPLAY PROJECT PROCESSING

- Request received for Evacuation Displays, new or updates, provide building title and building number, location
- We then need the most current floor plans for the requested building
- If these are updates, we compare the differences between what we have on file and what is provided on new floor plans
- Quote is provided
- When PO is received, we proceed to survey or direct to design, then survey to proof the new designs
- The new plans are provided to customer for review
- If the plans need resubmitted, we need any changes marked on the plans and all questions on the cover sheet addressed
- Return the plans and cover sheet (color preferred) to FSDC for resubmittals
- Process repeated until approved
- Return signed cover sheet and all prints to FSDC for final processing

TIME LINE FOR PROJECTS

- Once PO is received, depending on size of project, allow 2 to 3 weeks for first approval set of plans
- Customer review of plans
- Resubmittals with average changes 1 to 2 weeks
- All plans must be signed and returned on space provided on Cover Sheet and each Plan
- Manufacturing of displays include all view rotations for "You Are Here" application, FSDC inspection
- Delivery of product with installation prints, instructions

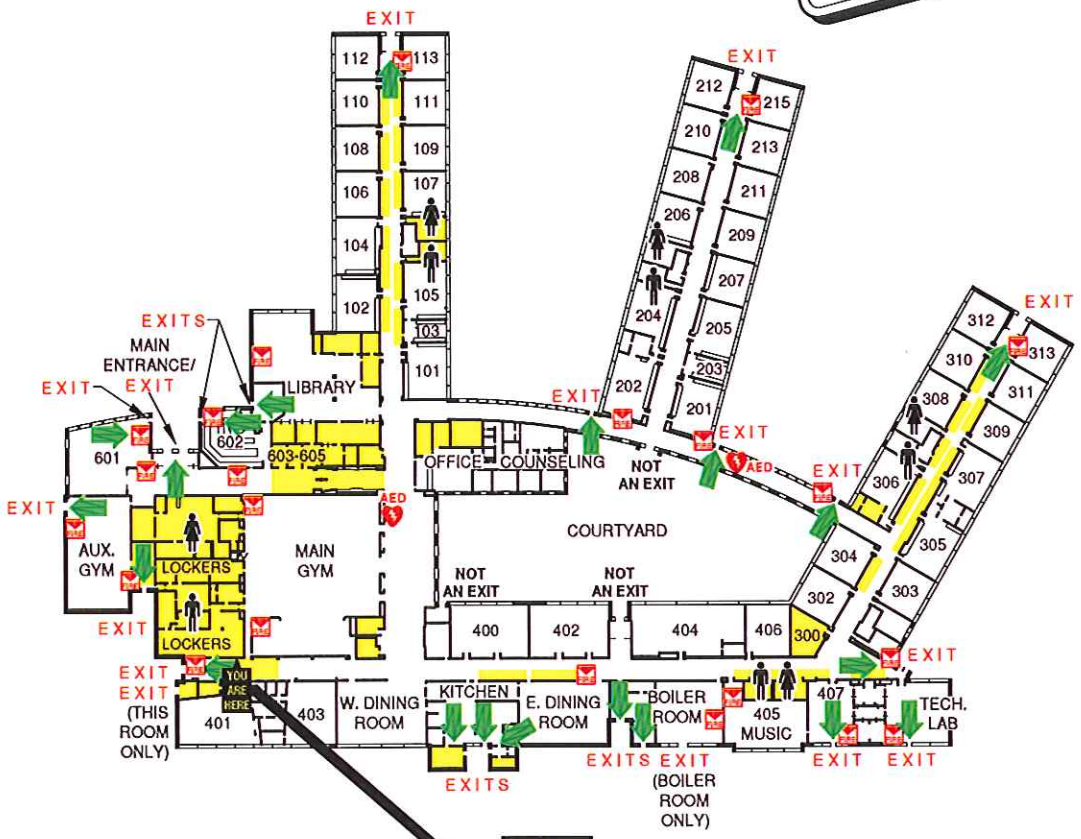
DEADLINES

- Customer Must Provide any required actual deadlines (please, not wish dates as we will work with you to meet necessary deadlines)
- If deadlines change, notify FSDC ASAP
- Please note that sometimes temporary measures may be put in place to meet C of O requirements

PIERCE MIDDLE SCHOOL

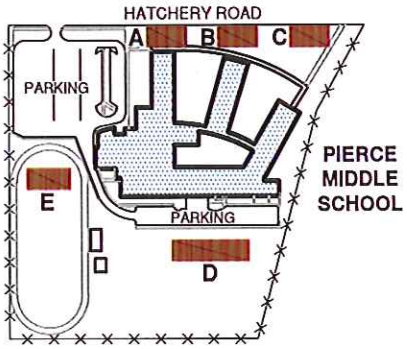
5145 HATCHERY ROAD
WATERFORD, MI 48329

MINI-SAMPLE
- FOR PRESENTATION ONLY -
This copyrighted sample is for customer use only. DO NOT distribute to other contractors.



EMERGENCY ALERTS		
FIRE	-	CONSTANT HORN
EVACUATION	-	VERBAL ANNOUNCEMENT
SEEK SHELTER	-	VERBAL ANNOUNCEMENT
SCHOOL LOCKDOWN	-	VERBAL ANNOUNCEMENT
ALL CLEAR	-	VERBAL ANNOUNCEMENT

SITE PLAN



EMERGENCY GUIDELINES

A. FAMILIARIZE YOURSELF WITH ALL EXIT LOCATIONS.

B. KNOW WHERE THE FIRE ALARM PULL BOXES ARE LOCATED.

C. IN THE EVENT OF AN EMERGENCY ALERT, FOLLOW PROCEDURES AS PROVIDED BY THE SCHOOL STAFF.

D. RESUME NORMAL ACTIVITIES WHEN THE 'ALL CLEAR' IS GIVEN BY SCHOOL STAFF.

KEY

- TO EXIT LOCATION
- FIRE ALARM PULL BOX
- AUTOMATED EXTERNAL DEFIBRILLATOR
- EVACUATION ASSEMBLY AREA
- TORNADO SHELTER AREA

EVACUATION DISPLAY PROJECT FUNDED BY FEDERAL GRANT

Mfg. 08/2006
WAT1495-22
1-800-854-FIRE(3473)
COPYRIGHT ©2013 FIRE SAFETY DISPLAYS CO.

WATERFORD SCHOOL DISTRICT

PIERCE MIDDLE SCHOOL

EMERGENCY RESPONSE MAP

EXTERIOR

5145 HACHERY RD.
WATERFORD, MI 48329

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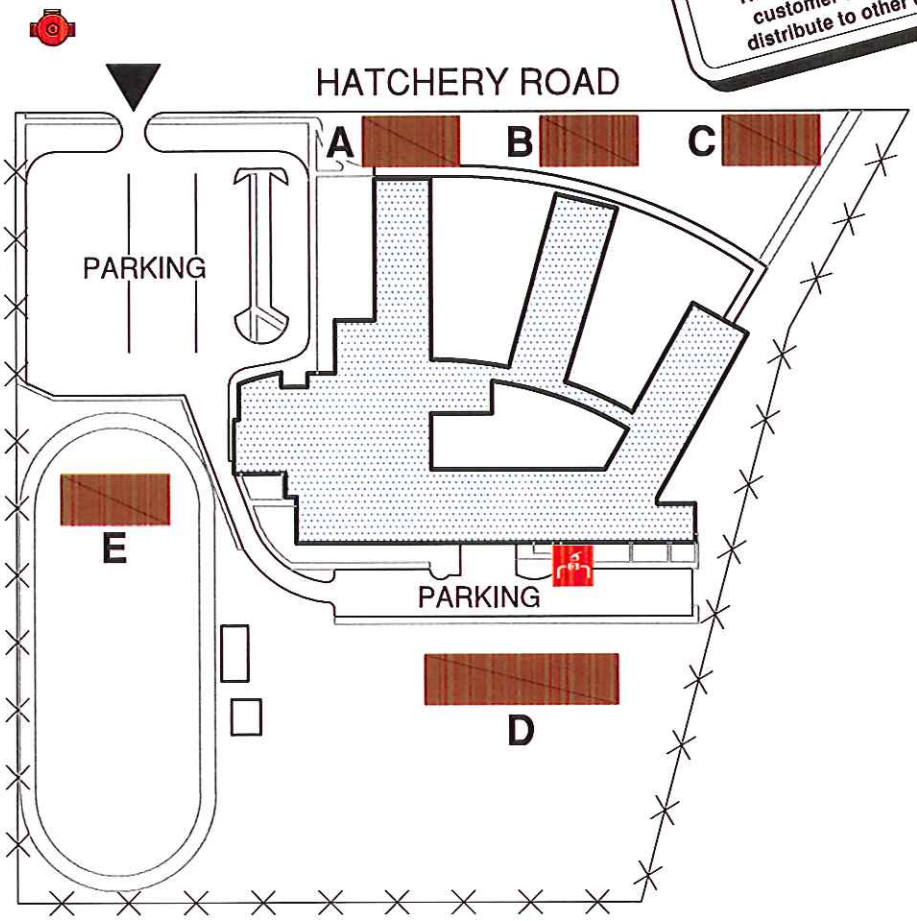

BUILDING NOTES:

LEGEND					
Fire Pump	Fire Hydrant	Main Gas Service Shutoff	FACP Fire Alarm Control Panel	Fire Dept. Access	
Fire Dept. Standpipe Valve	Fire Dept. Connection	Main Electrical Service Shutoff	AED Location	Evacuation Assembly Area	
NS Non-Sprinklered	RV Riser Valve	Fire Extinguisher	HVAC & Univent	Stairway	
	DM Domestic Water shutoff	FIRE Fire Alarm Pull Box	Chemical / Hazardous	Elevator	

N

DATE: 08 / 14 / 06

WATERFORD SCHOOL DISTRICT

PIERCE MIDDLE SCHOOL

5145 HATCHERY RD.
WATERFORD, MI 48329

EMERGENCY RESPONSE MAP

INTERIOR

MINI-SAMPLE
- FOR PRESENTATION ONLY -
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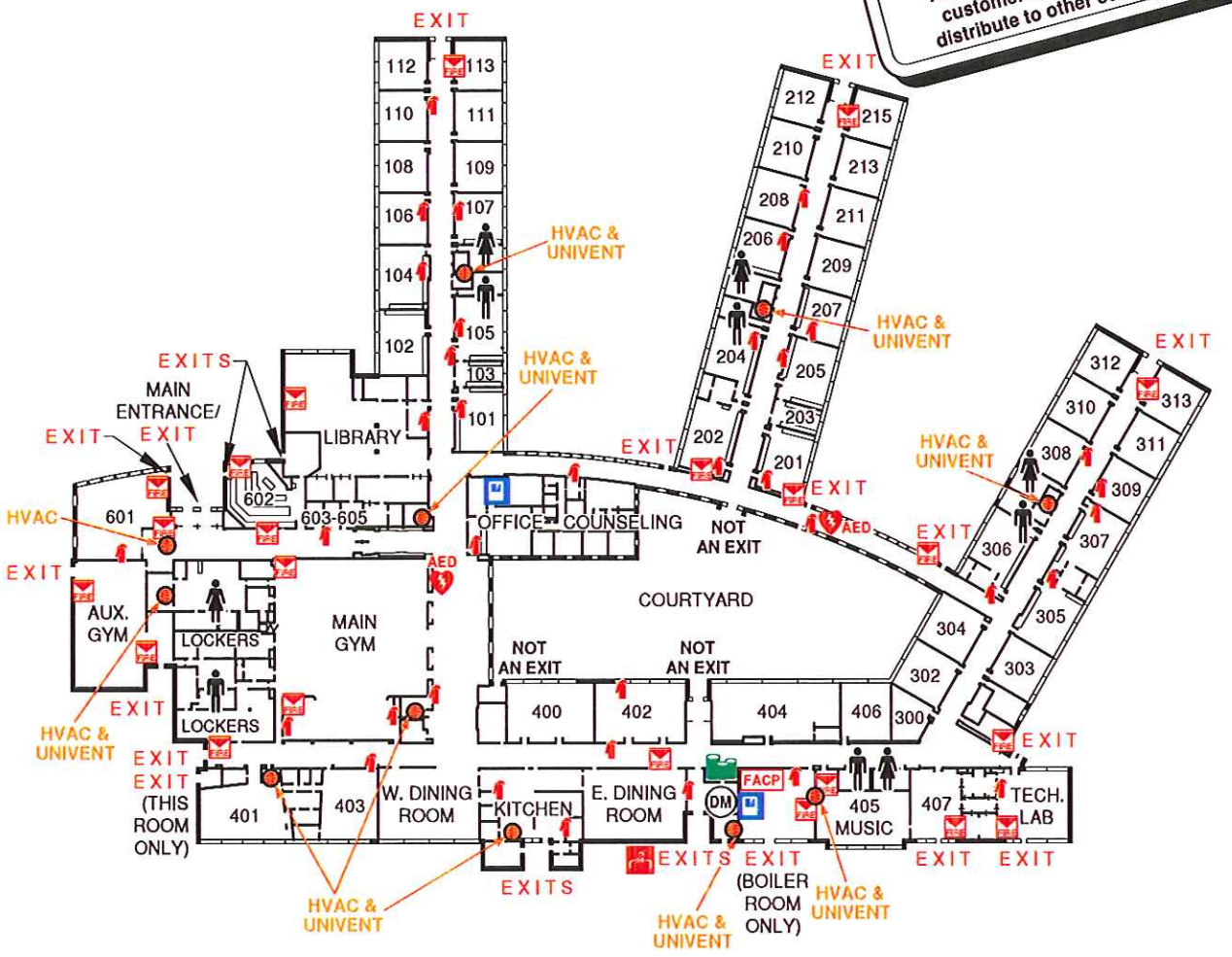

BUILDING NOTES:

LEGEND					
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Fire Dept. Standpipe Valve	Fire Dept. Connection	Main Electrical Service Shutoff	AED Location	Evacuation Assembly Area	
NS Non-Sprinklered	RV Riser Valve	Fire Extinguisher	HVAC & Univent	Stairway	
	DM Domestic Water shutoff	FIRE Fire Alarm Pull Box	Chemical / Hazardous	Elevator	

N

DATE: 08 / 14 / 06

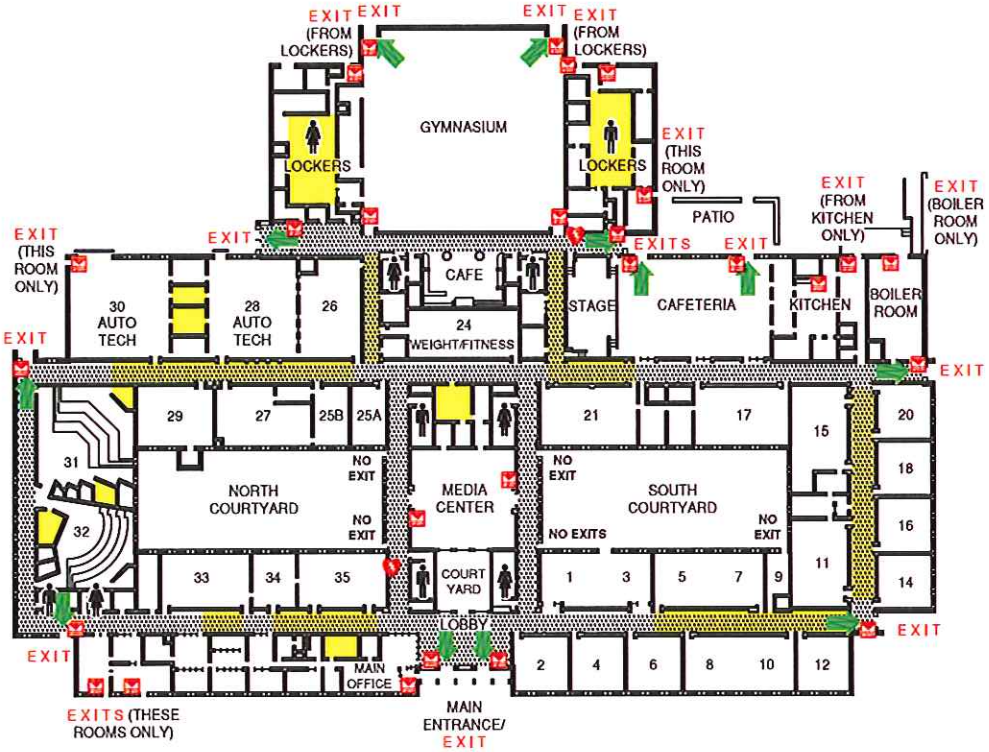
NEW HAVEN HIGH SCHOOL

57700 GRATIOT AVENUE

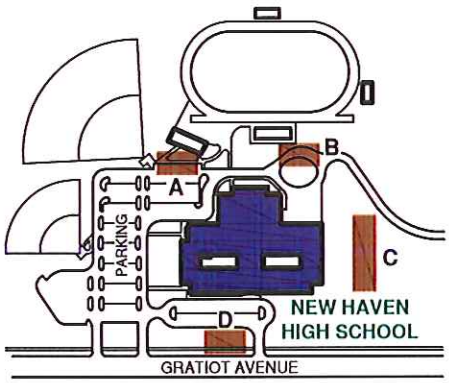
NEW HAVEN, MI 48048

FIRST FLOOR

EVACUATION PLAN



SITE PLAN



EMERGENCY PHONE
DIAL 911

EMERGENCY ALERTS		
FIRE	-	HORN / STROBE
EVACUATION	-	VERBAL ANNOUNCEMENT
SEEK SHELTER	-	VERBAL ANNOUNCEMENT
SCHOOL LOCKDOWN	-	VERBAL ANNOUNCEMENT
ALL CLEAR	-	VERBAL ANNOUNCEMENT

EMERGENCY GUIDELINES

A. FAMILIARIZE YOURSELF WITH ALL EXIT LOCATIONS.

B. KNOW WHERE THE FIRE ALARM PULL BOXES ARE LOCATED.

C. IN THE EVENT OF AN EMERGENCY ALERT, FOLLOW PROCEDURES AS PROVIDED BY THE SCHOOL STAFF.

D. RESUME NORMAL ACTIVITIES WHEN THE 'ALL CLEAR' IS GIVEN BY SCHOOL STAFF.

KEY

- TO EXIT LOCATION
- FIRE — FIRE ALARM PULL BOX
- AED — AUTOMATED EXTERNAL DEFIBRILLATOR
- EVACUATION ASSEMBLY AREA (A, B, C, D)
- TORNADO SHELTER AREA

Made In USA
NEW1830 - 01-SLV
Mfg. 08/2017
(313) 274 - 7888
COPYRIGHT © 2017 FIRE SAFETY DISPLAYS CO.

UNIVERSITY OF MICHIGAN

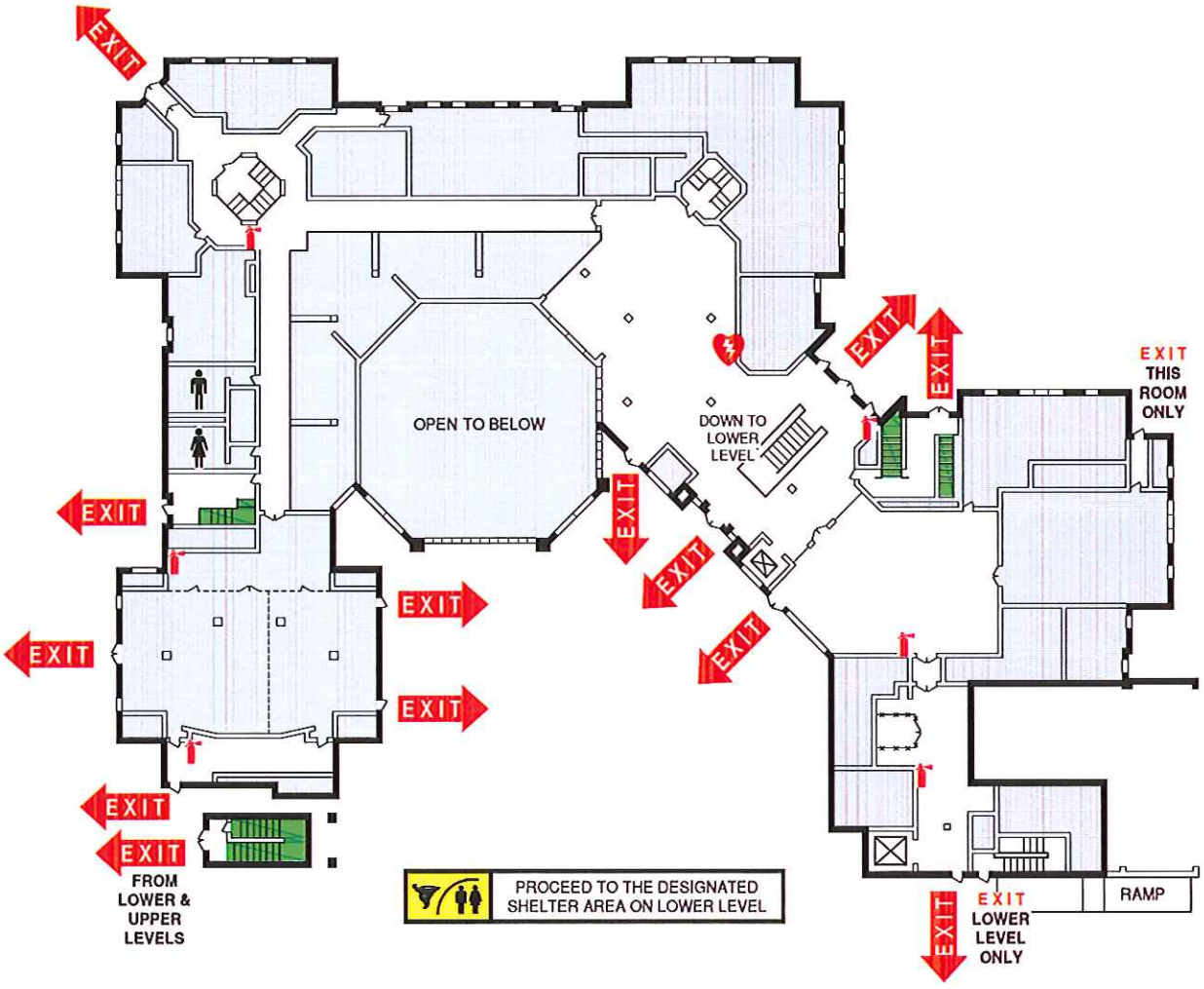
SCHOOL OF SOCIAL WORK

1080 South University Avenue

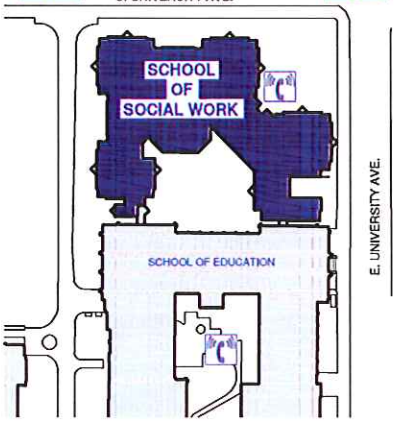
FIRST FLOOR

EVACUATION PLAN

Be Prepared
EMERGENCY 911
Remain Calm



SITE KEY PLAN



SYMBOLS LEGEND

- EXIT STAIRWELL
- ELEVATOR
- FIRE EXTINGUISHER
- DEFIBRILLATOR (AED) (Located on First and Second Floors)
- SEVERE WEATHER SHELTER AREA
- EVACUATION ASSEMBLY AREA
- CAMPUS EMERGENCY PHONE
- PUBLIC RESTROOM

N NORTH

FIRE

- Activate nearest fire alarm
- Proceed to nearest exit
- Use stairs, not elevators
- Assist persons with disabilities/special needs
- Meet at designated assembly areas
- Stay away from building entrance(s)
- Account for individuals
- Re-enter area only when directed by authorities

TORNADO

- Close all doors, including main corridors
- Move to lowest interior space of building (hallway, basement, restroom) away from windows and glass
- Crouch near floor or under heavy, well supported objects and cover back of your head
- If outdoors and there is no time to move into an interior space, lie flat in the nearest depression (ditch,ravine) and cover back of your head
- Monitor WEMU 89.1 WWWW 102.9 WQKL 107.1 WTKA 1050AM, or WLBY 1290AM for all clear

This building is equipped with an emergency notification system. In the event of an emergency, AMBER FLASHING STROBES may activate and verbal instructions may be provided to evacuate the building, remain in place, seek shelter or lockdown. Follow the directions that are provided.

For emergency status and more information:
dpss.umich.edu

Let us design your Specialty Program!

Agenda Item 11.7
February 25, 2019

Since 1981, we have designed many specialty Fire, Safety and Security Identification Programs

- Evacuation Displays / Mapping - "THE SYSTEM"
- Fire Equipment Identification Signs
- Emergency Shelter Signs
- Exit Sign Program
- Emergency Employee Pamphlets
- Fire System / Riser & Loop Displays & Fire System Supporting Signs
- Emergency Access Diagrams & Supporting Signs
- Perimeter Security Signs Program
- Pedestrian & Vehicle Safety Visual Program
- Safety, O.S.H.A. & Related Regulatory Signs
- Facility, Site Access & Roadway Regulatory Signs
- Warehouse Aisle / Storage Marking Signs
- Stair Safety Sign Program
- Safety Board Program

Custom Signs

Unlike Catalog Sign Companies, we MAKE the correct signs custom for the specific need. The customer always reviews and approves the design before manufacturing.

Send your requests to us for a quote today!

EVACUATION DISPLAYS AS EASY AS 1 - 2 - 3:

1. Send us your floor plans by mail or electronically and we'll quickly provide you with a quote.
2. Once the quote is authorized, then design and review process begins.
3. Upon approval of Display design, they are manufactured and shipped to you with installation instructions.

Fire Safety Displays Company
20422 Van Born Rd
Dearborn Heights, MI 48125
313.274.7888
www.firesafetydisplays.com

"Evacuation Displays are Life Safety Displays"

FSDC FIRE SAFETY DISPLAYS CO.

IT'S CALLED AN "EMERGENCY" FOR A REASON!!!

222

- *Fire Evacuation*
- *Seek Shelter*
- *Lockdown / Shooter*
- *Environmental*
- *Earthquake*

What's Your Plan?

Designing "Code Compliant" Emergency Evacuation Displays and Signage Systems Since 1981

Agenda Item 11.7
February 25, 2019

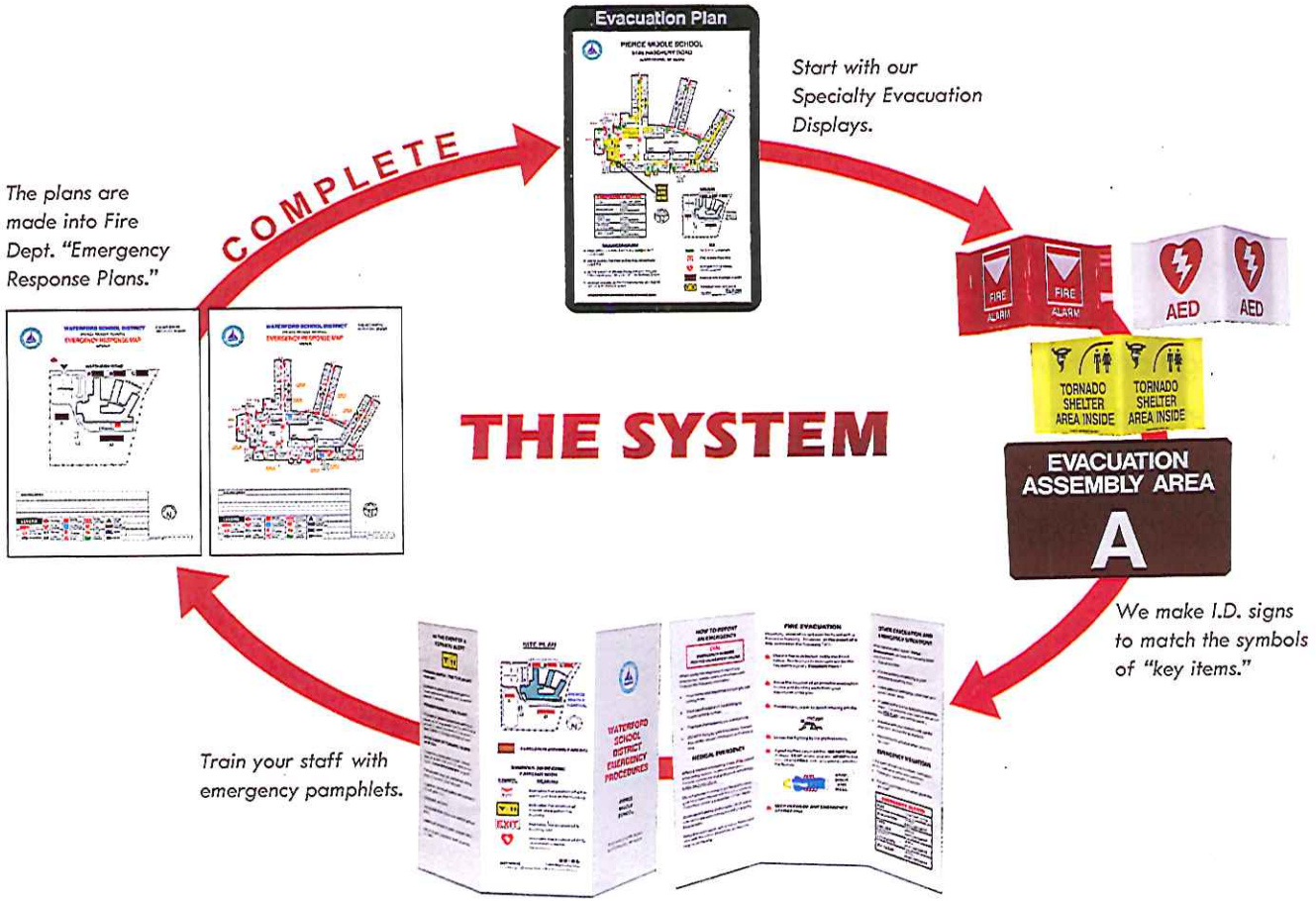
Our evacuation displays are customized to meet your needs and budget. Safety display professionals will design and manufacture code-compliant life safety & evacuation displays for your building or facility. Our displays will meet or exceed all applicable standards & codes, including OSHA 1910.38, I.B.C. 404 & NFPA 170.

The following products are designed to complete **"THE SYSTEM:"**

- Fire Safety Identification Signs
- Emergency Employee Pamphlets
- Fire Department and Emergency Response Plans

All of our products are designed to work together for the safety of your employees and visitors!

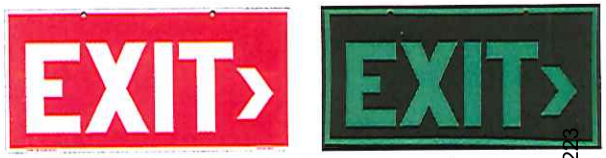
Contact us for ordering information on "THE SYSTEM."



Fire Safety Displays Company • 20422 Van Born Rd • Dearborn Heights, MI 48125
Ph: 313.274.7888 • Fx: 313-274-9277 • www.firesafetydisplays.com

Fire I.D. Signs

Our visible 4 - Sided signs are easily installed with magnets. Use our pole sign installer for fast and easy installation.



Have you ever been in a plant and cannot see the direction to the exits? Our glow-in-the-dark directional Exit signs will show you the way. They are easily installed with available mounting bracket and magnets.

Evacuation Display Frames

We manufacture high quality insertable black frames in a variety of sizes. Custom colors and designs are available upon request.

Phil Bongiorno

From: Lincoln Consolidated Schools <Eproc_Bids@bidnet.com>
Sent: Wednesday, January 09, 2019 2:33 PM
To: Mr. Phil Bongiorno
Subject: Message from Lincoln Consolidated Schools

Mr. Phil Bongiorno:

You are receiving this message because the codes on your account matched the codes assigned to this new RFP.

The notice below only contains brief information. More information can be found online. All responses must be received by 1/25/2019 prior to 12:00 PM E.S.T.

This solicitation requires your company to respond by hardcopy. All responses must be received before the deadline specified.

RFP Number:	RFP-PB-Emergency Evacuation Plan Displays
Requisition #:	
Date Issued:	1/9/2019
Issuing Agency:	Lincoln Consolidated Schools
Department:	Lincoln Consolidated Schools
Delivery Point:	Ypsilanti, MI
Type of Purchase:	One Time Purchase
Deadline Date:	1/25/2019
Deadline Time:	prior to 12:00 PM E.S.T.
Delivery Date:	As Specified
Title of Notice:	Emergency Evacuation Plan Displays
Specifications:	Emergency Evacuation Plan Displays
Special Notices:	

Click here to review more information.

If this RFP does not match your product or service line, please also click here to check / modify the NIGP codes shown on your account.

DO NOT FORWARD this message to any unauthorized user or another person outside of your company. This information is only intended for the recipient shown at Buyer's Copy.

If you have any questions regarding this solicitation, I can be reached at (734) 484 - 7039. Thank you for your continued participation.

Sincerely,

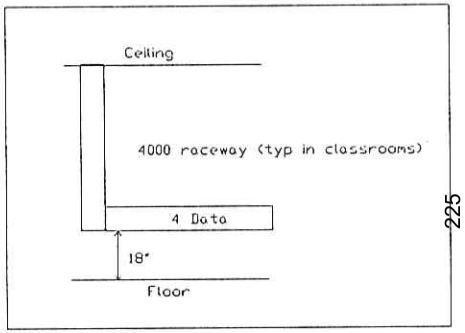
Agenda Item
11.7
February 25, 2019

Bishop Elementary

Class Room displays needed

30 qty.

CR = Class Room



225

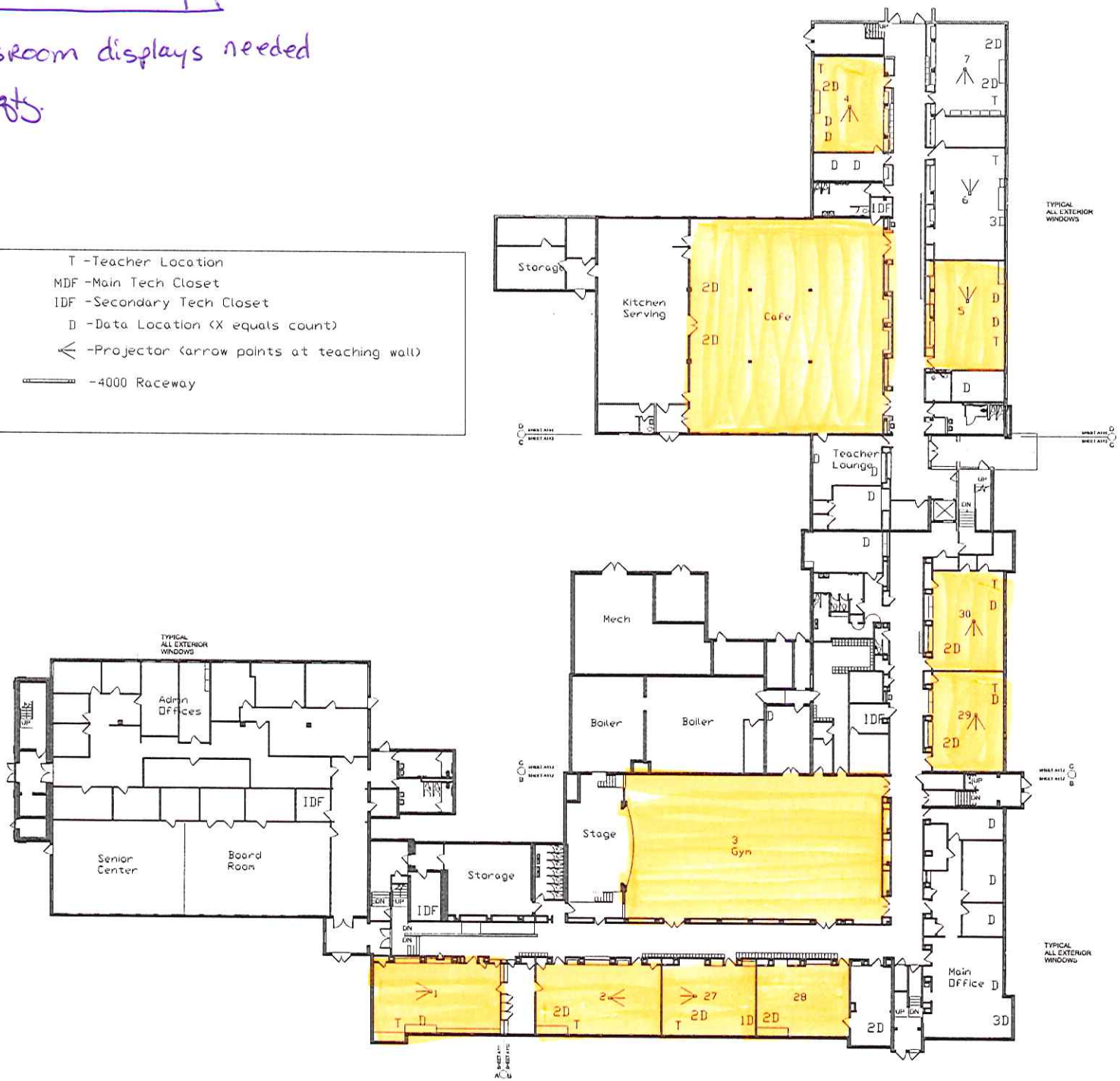
Redner

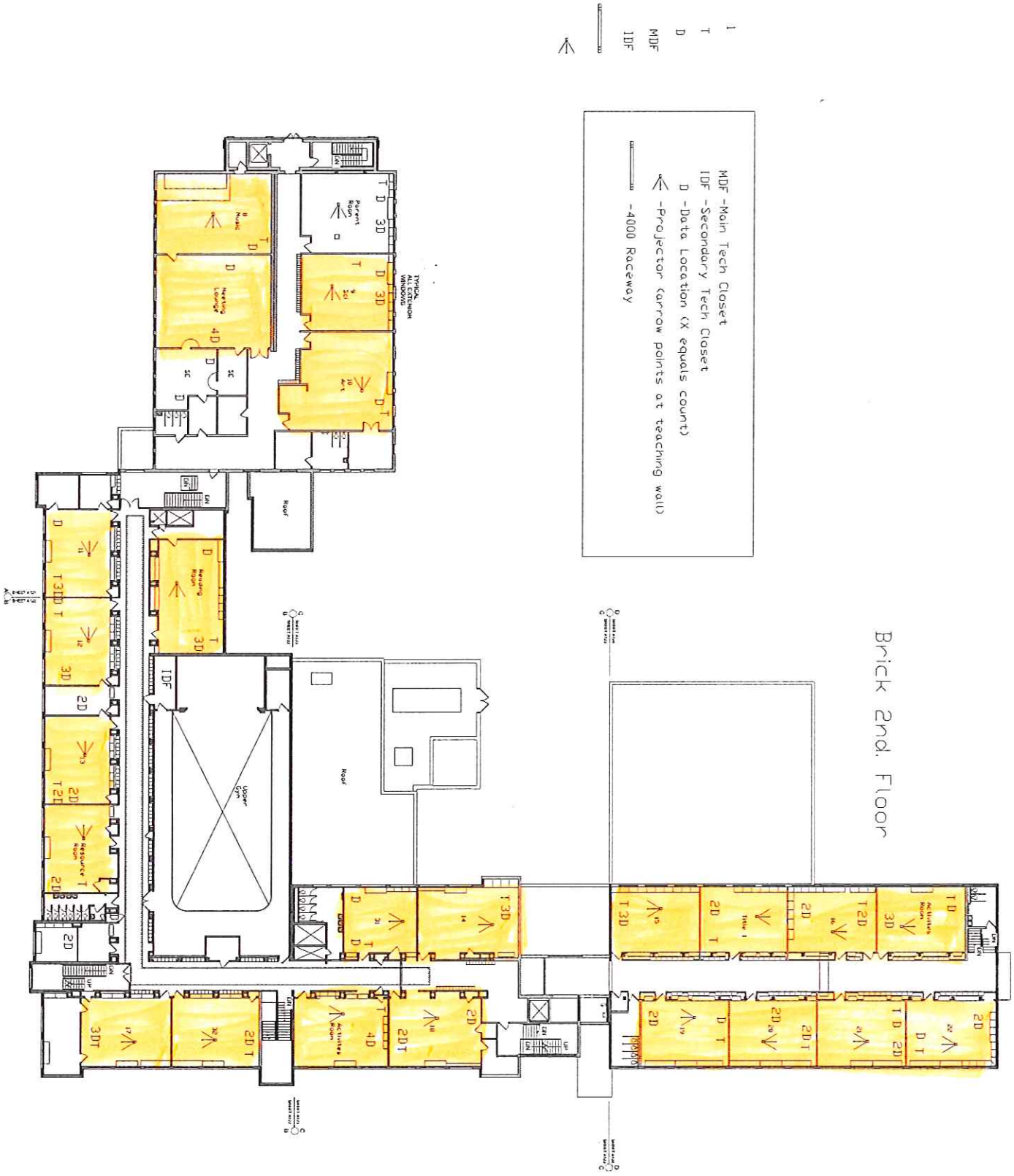
Brick Elementary

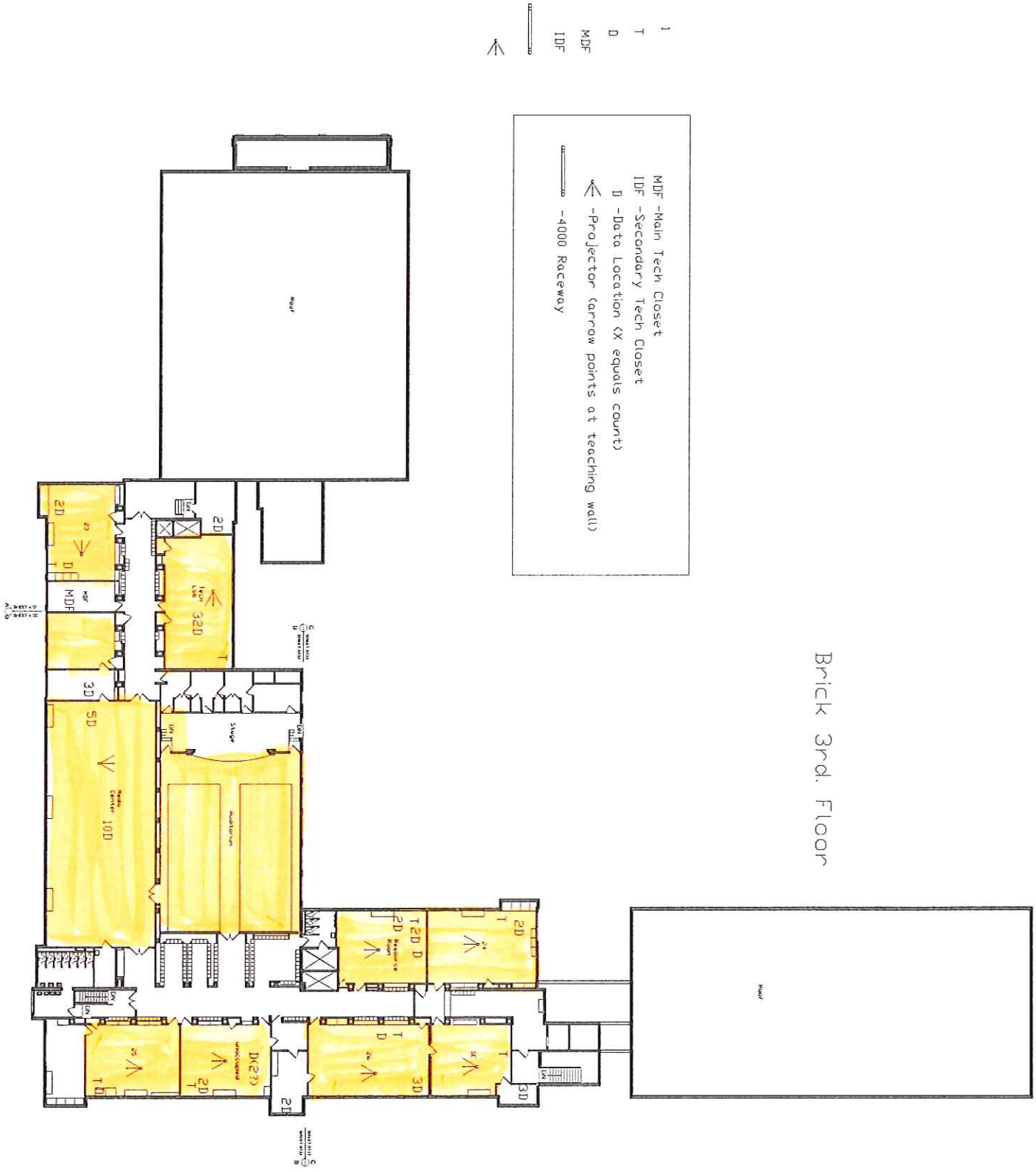
Classroom displays needed

44 qty.

T -Teacher Location
MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway



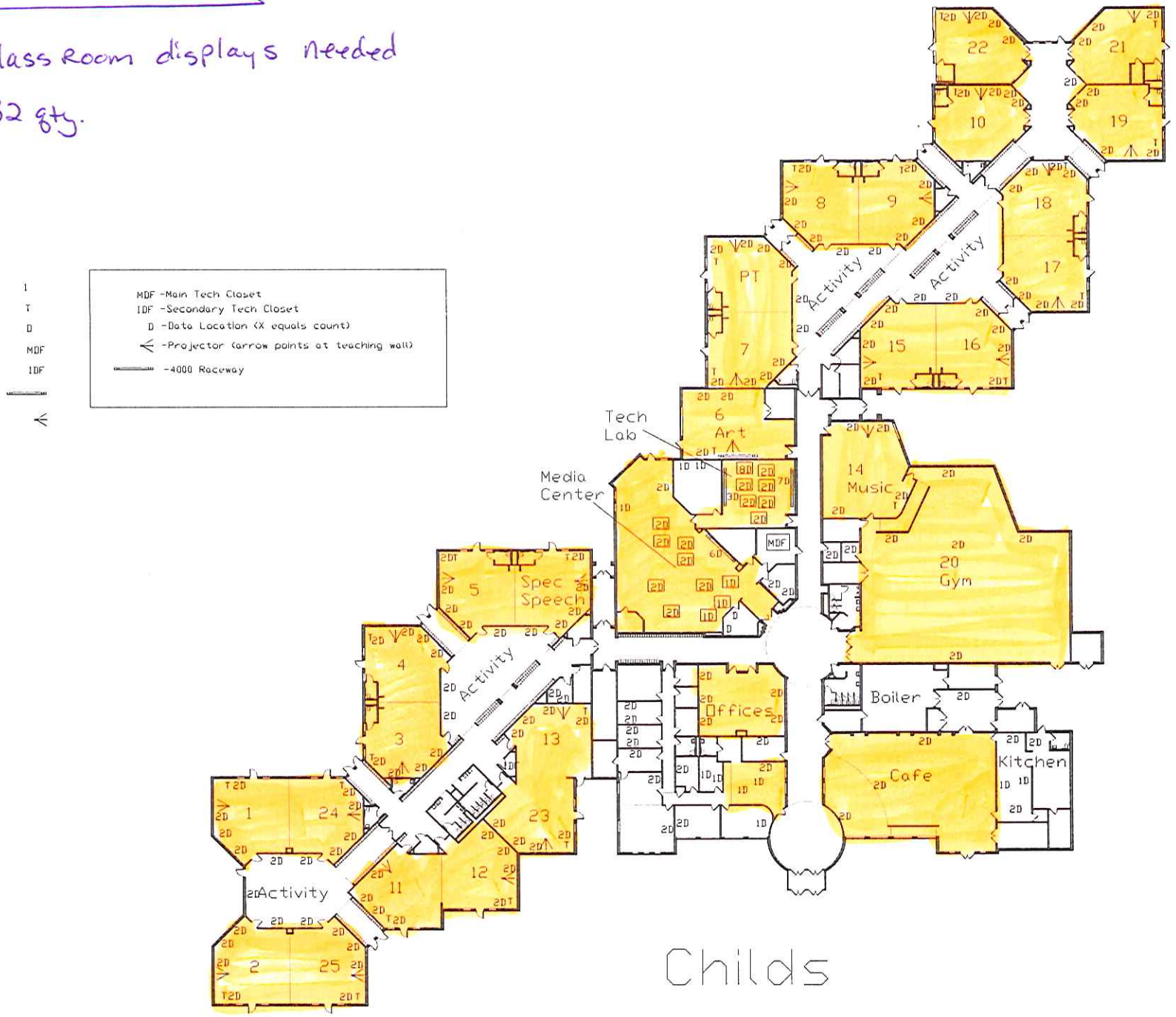

MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway
Brick 2nd. Floor
Roof
Upper Gyn
Parent Room
Reading Room
Resource Room
Activities Room
Meeting Lounge
TYPICAL ALL EXTENSION WINDOWS

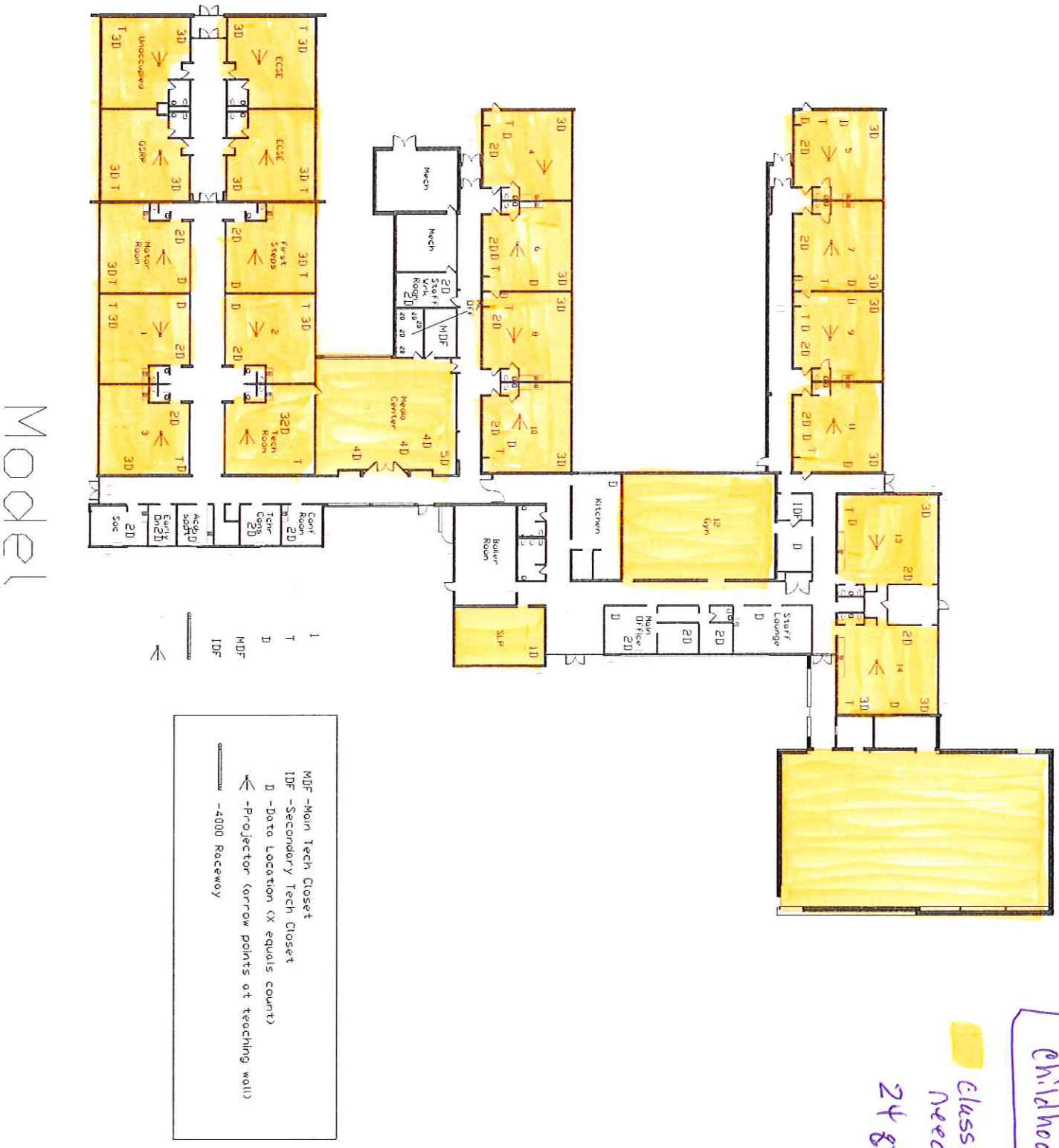

MDF -Main Tech Closet
IDF -Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway
MDF
IDF
D
T
1
Brick 3rd. Floor

Childs Elementary

Class Room displays needed

32 qty.





Model Early Childhood Center

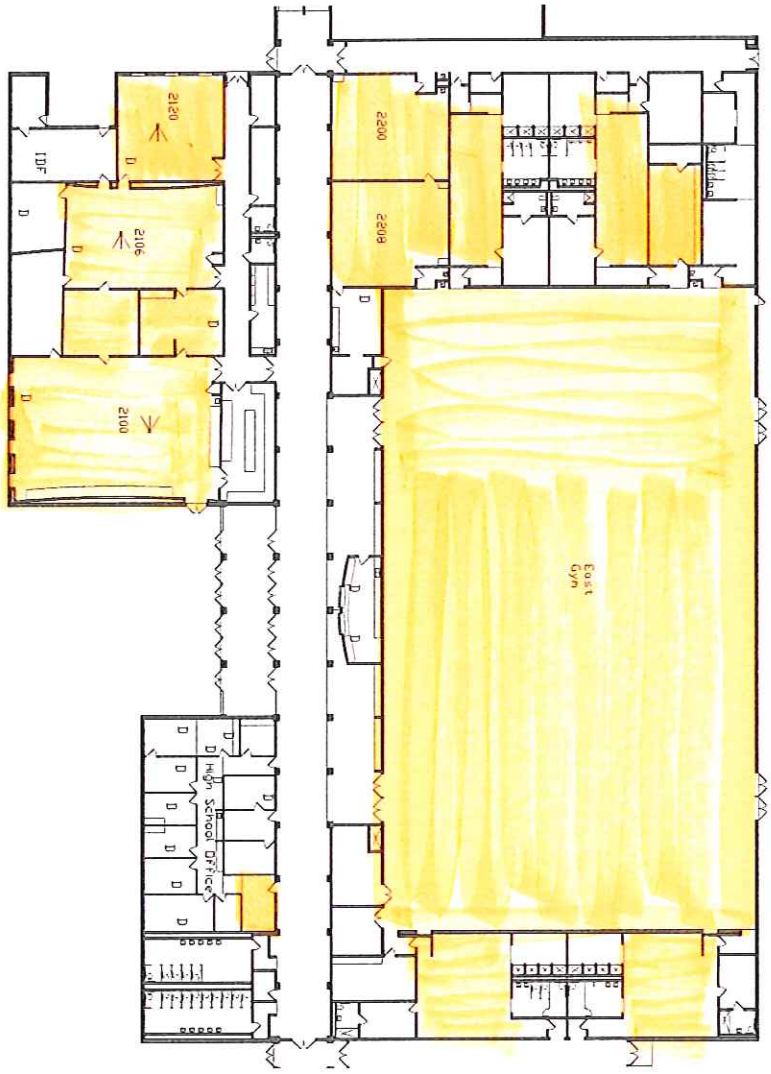
Classroom displays needed 24 & 5.

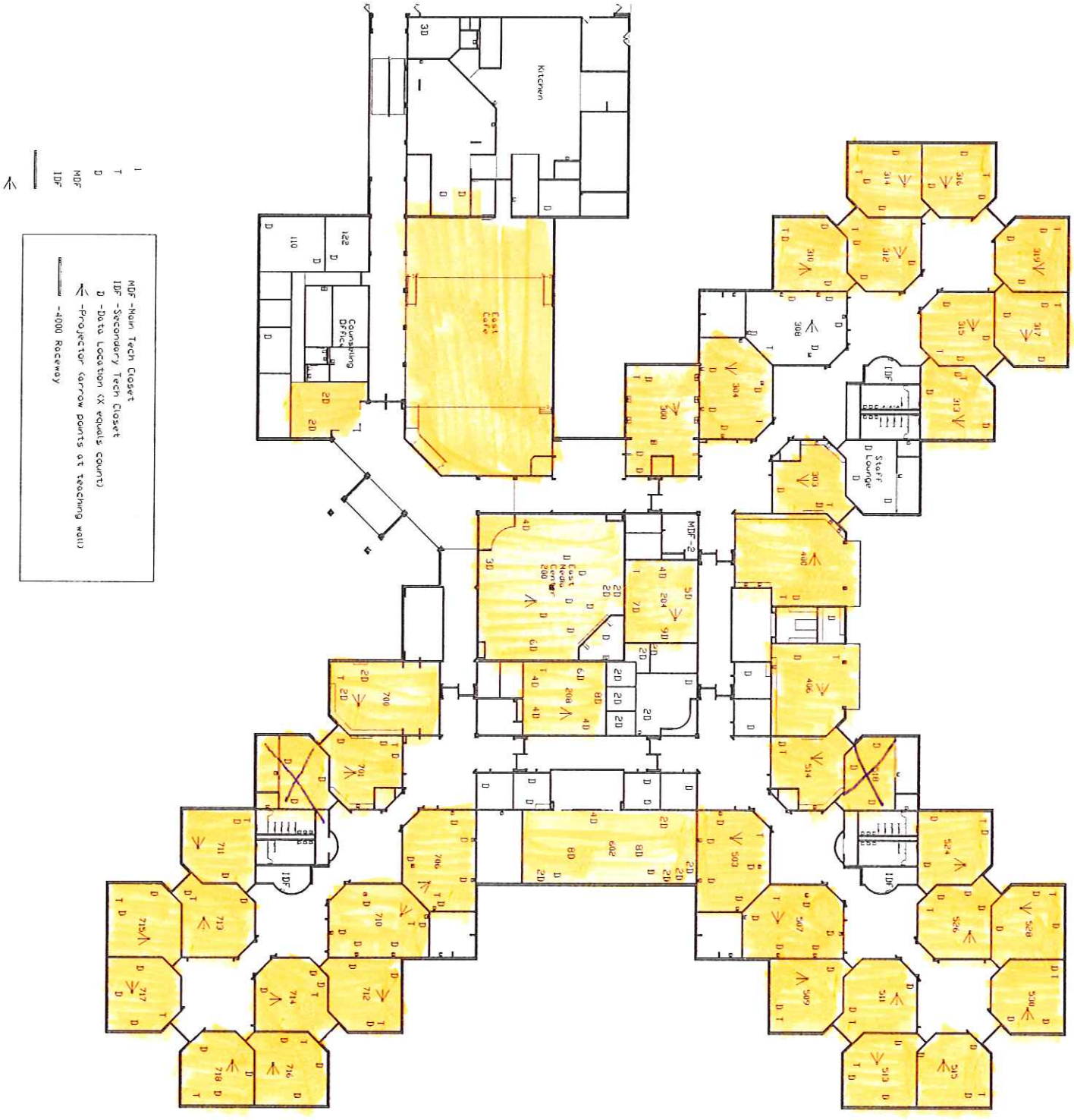
Middle School
Classroom displays Needed
6 7 8's.

Lincoln High School

Classroom displays needed

101 8th


2120
IDF
2106
2100
2200
2208
East Gym
High School Office


MDF -Main Tech Closet
IDF - Secondary Tech Closet
D -Data Location (X equals count)
-Projector (arrow points at teaching wall)
-4000 Raceway
MDF
IDF
T
D
Kitchen
East Cafe
Counseling Office
Staff Lounge
East Media Center
MDF-2
IDF

LINCOLN
CONSOLIDATED SCHOOLS

2018 Bond Budget Amendment Recommendation
Performing Arts Department
January 18, 2019

The Facilities, Lincoln High School Administration & Performing Arts departments are recommending the adoption of the following budget amendment contained in the report dated January 18, 2019 to the Superintendent and Board of Education of the Lincoln Consolidated School District.

1. **PURPOSE**
   As outlined in the initial 2018 Bond Budget created for the State of Michigan in preparation for the 2018 August Election, the original amount allocated for the movement of; the current band room to the unused auditorium; the current choir room to the Drama storage room; and the modification of the Drama set design, storage, and practice areas was $160,000. The initial budget included minor modifications to the auditorium, and drama storage space to include, paint, new flooring, ceiling work, sound systems, instructional technology, acoustical modifications, office space, practice rooms, storage lockers, lighting improvements and raising a section of flooring in a section of the stage area.
2. **ANALYSIS**
   After receiving approval from the State of Michigan to move forward with the bond election, some concerns were raised by the performing arts department. Several meetings were held with the performing arts department to address their concerns. It was determined in those meetings that several modifications were needed to their new proposed spaces to set them up for future growth, and provide each department with the appropriate space needed to have successful programs. The changes are listed below:

   Drama Department – Redesigned workshop area; added set building area; added mezzanine for costume design; adding a water source to clean equipment; new office space; moving & adding several access doors; painting the area; more storage space and new flooring as needed.
   Choir Department – Remove wall by entrance for added safety and to increase classroom space; add larger door to room in hallway to PAC so a piano can be moved in and out of the classroom; move the door to the restroom so it's in sight of the instructor; add door near bathroom to create classroom storage space; add drinking fountain in room; improve room acoustics; paint room; new flooring; sound system; instructional technology; create storage/small ensemble room; and improve lighting.
   Band Department – Raising floor in half the stage area and the front of the classroom to match rest of room floor height; build two practice/small ensemble rooms; build small instrument locker storage room with new lockers; new band office with music library storage; new large instrument storage lockers; add sink and cabinet area for instrument cleaning; add doors at back of room for easy access to back stage of PAC & maintenance room; paint room; drop ceiling; improve lighting; improve HVAC; new flooring; new sound system; add instructional technology; provide storage area for marching equipment & uniform storage; improve room acoustics; and double sound proof wall between drama area and band room.
3. **RECOMMENDATION**
   It is the recommendation of the Facilities department in collaboration with the performing arts department and high school administration, working in conjunction with the construction manager/architect to move forward with the changes listed above. The addition of the requested budget increase will, greatly improve each area, set them up for future growth, and provide each department the appropriate space needed to have successful programs.

   <u>It is recommended that:</u>

   1. The Superintendent and Board of Education approves the recommended budget increase for the relocation of the Band, Choir, and Drama rooms as described above, at a cost not to exceed **$350,000.**

Philip Bongiorno — Date: 1/18/19
Director of Facilities / Lincoln Schools

Nicole Holden — Date: 1/18/19
Lincoln High School - Principal

Leslie Schwegler — Date: 1/18/19
Lincoln High School – Band Director

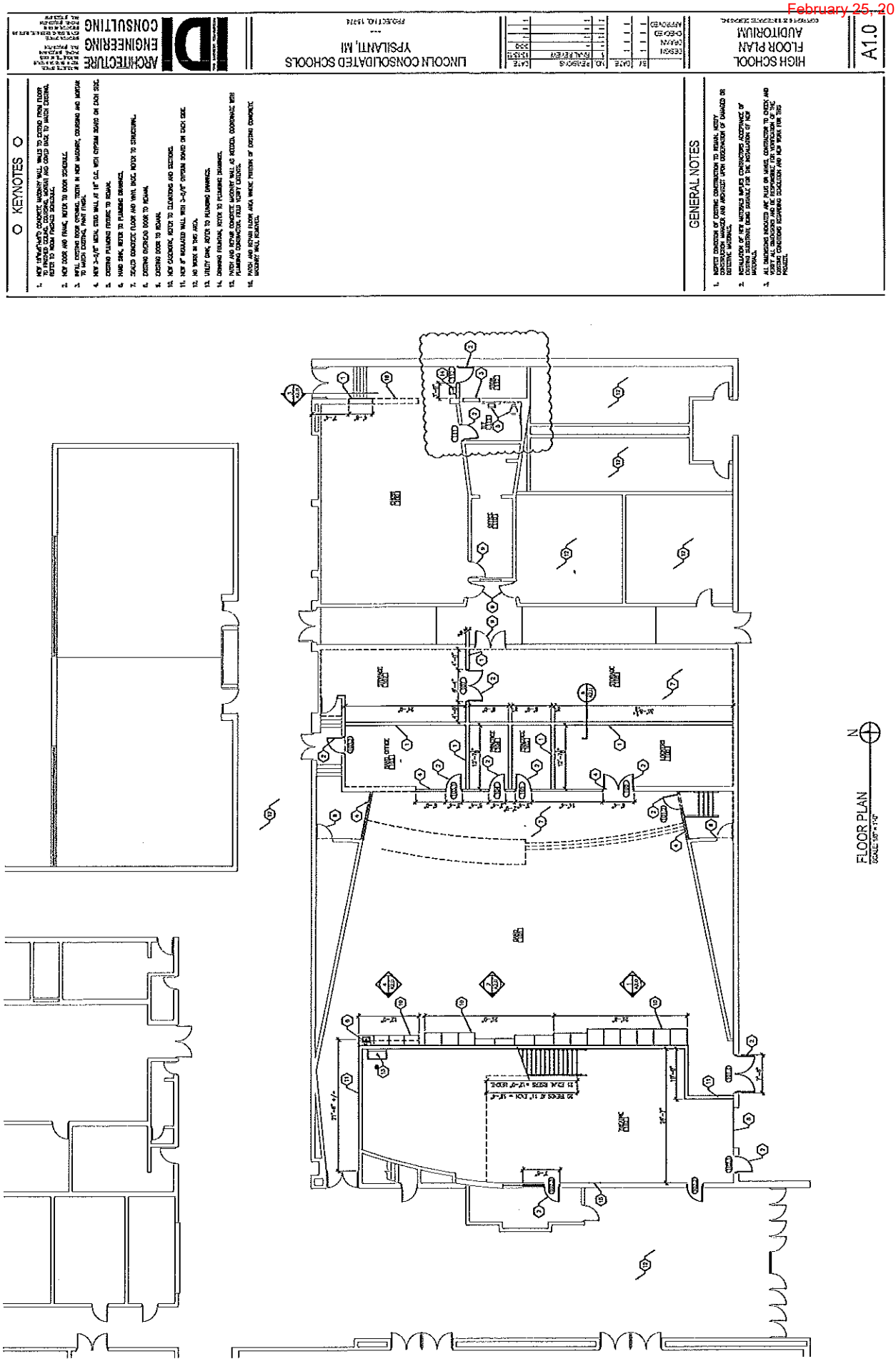
Toni Micik — Date: 1/18/19
Lincoln High School – Choir Director

Martin Jacobs — Date: 1/18/19
Lincoln High School – Drama Director

APPROVALS:

Adam Snapp — Date: 1-22-19
Finance Director, Lincoln Schools

Sean McNatt — Date
Superintendent, Lincoln Schools


HIGH SCHOOL
FLOOR PLAN
AUDITORIUM
A1.0
LINCOLN CONSOLIDATED SCHOOLS
YPSILANTI, MI
ARCHITECTURE
ENGINEERING
CONSULTING
KEYNOTES
GENERAL NOTES
FLOOR PLAN

LINCOLN CONSOLIDATED SCHOOLS

Schedule of Revenues and Expenditures

Budget and Actual - General Fund
For the Month Ended January 31, 2019

	Original Budget	Amended Budget	Actual	Actual Over (Under) Original Budget	Percent Actual of Budget
Revenues					
Local sources:					
Property taxes	$ 3,780,000	$ 2,871,000	$ 2,305,140	$ (565,860)	61.0%
Other local sources	250,100	295,100	232,130	(62,970)	92.8%
State sources	31,346,362	33,327,651	11,905,721	(21,421,930)	38.0%
Federal sources	2,513,383	2,783,036	1,211,441	(1,571,595)	48.2%
Interdistrict revenue	7,052,932	7,108,109	2,976,058	(4,132,051)	42.2%
Total revenues	44,942,777	46,384,896	18,630,490	(27,754,406)	41.5%
Expenditures					
Instruction:					
Basic programs	20,375,625	20,617,050	9,057,252	(11,318,373)	44.5%
Added needs	8,353,570	8,499,915	3,774,361	(4,579,209)	45.2%
Total instruction	28,729,195	29,116,965	12,831,613	(15,897,582)	44.7%
Support services:					
Pupil	4,613,279	5,059,310	2,139,589	(2,919,721)	46.4%
Instructional support	1,246,907	1,594,422	748,958	(845,464)	60.1%
General administration	448,506	501,715	234,916	(266,799)	52.4%
School administration	1,993,918	1,813,947	837,444	(976,503)	42.0%
Business	839,949	840,725	408,750	(431,975)	48.7%
Maintenance	3,603,427	3,687,751	1,909,242	(1,778,509)	53.0%
Transportation	2,387,995	2,391,199	1,143,769	(1,247,430)	47.9%
Central services	1,329,843	1,118,443	267,070	(851,373)	20.1%
Total support services	16,463,825	17,007,513	7,689,738	(9,317,775)	46.7%
Athletics	785,003	827,050	463,930	(363,120)	59.1%
Community service	69,003	106,851	48,028	(58,823)	69.6%
Total expenditures	46,047,026	47,058,379	21,033,309	(26,025,070)	45.7%
Other financing sources					
Transfers in	14,000	14,000	14,000	-	100.0%
Transfers out	-	-	-	-	0.0%
Total other financing sources	14,000	14,000	14,000	-	100.0%
Revenues over (under) expenditures	$ (1,090,249)	$ (659,483)	$ (2,388,819)	$ (1,729,336)	

For internal use only. These financial statements have not been audited, and no assurance is provided.

Lincoln Consolidated Schools
Budget to Actual by Function For the Month Ended January 31, 2019

			Values		
F/S Caption	Function	Code	Sum of Orig. Budget	Sum of Amended	Sum of Final
Instruction	**1111**	Salary	4,826,928	4,675,594	2,005,323
		Fringes	3,314,865	3,271,235	1,346,924
		Non-payroll	190,000	300,025	182,588
	1111 Total		**8,331,793**	**8,246,854**	**3,534,835**
	1112	Salary	2,730,442	2,558,761	1,077,999
		Fringes	1,851,188	1,769,316	719,322
		Non-payroll	99,900	99,900	73,984
	1112 Total		**4,681,529**	**4,427,976**	**1,871,305**
	1113	Salary	2,672,287	2,651,004	1,145,638
		Fringes	1,861,121	1,885,397	789,160
		Non-payroll	2,580,100	2,600,584	1,389,840
	1113 Total		**7,113,508**	**7,136,985**	**3,324,638**
	1118	Salary	138,587	475,066	192,708
		Fringes	110,207	330,168	131,047
		Non-payroll	-	-	2,719
	1118 Total		**248,794**	**805,234**	**326,474**
	1119	Fringes	-	-	-
		Non-payroll	-	-	-
	1119 Total		**-**	**-**	**-**
Instruction Total			**20,375,625**	**20,617,050**	**9,057,252**
Added needs	**1122**	Salary	3,510,296	3,501,349	1,490,339
		Fringes	2,959,406	2,994,058	1,340,055
		Non-payroll	119,785	158,789	132,664
	1122 Total		**6,589,487**	**6,654,196**	**2,963,058**
	1125	Salary	905,640	987,893	401,127
		Fringes	667,303	678,159	297,517
		Non-payroll	191,140	179,667	112,659
	1125 Total		**1,764,083**	**1,845,719**	**811,303**
	1127	Salary	-	-	-
		Fringes	-	-	-
		Non-payroll	-	-	-
	1127 Total		**-**	**-**	**-**
Added needs Total			**8,353,570**	**8,499,915**	**3,774,361**

Lincoln Consolidated Schools
Budget to Actual by Function For the Month Ended January 31, 2019

			Values		
F/S Caption	**Function**	**Code**	**Sum of Orig. Budget**	**Sum of Amended**	**Sum of Final**
Student services	**1212**	Salary	431,800	589,488	291,046
		Fringes	333,127	433,274	206,417
		Non-payroll	750	750	890
	1212 Total		**765,677**	**1,023,512**	**498,353**
	1213	Salary	-	-	-
		Fringes	-	-	-
		Non-payroll	424,455	424,455	140,050
	1213 Total		**424,455**	**424,455**	**140,050**
	1214	Salary	295,079	350,963	132,821
		Fringes	192,935	224,032	85,321
		Non-payroll	-	-	-
	1214 Total		**488,014**	**574,995**	**218,142**
	1215	Salary	440,551	440,551	188,423
		Fringes	271,694	277,378	112,359
		Non-payroll	310,000	310,000	107,646
	1215 Total		**1,022,245**	**1,027,929**	**408,428**
	1216	Salary	290,111	376,068	161,563
		Fringes	237,481	269,648	120,588
		Non-payroll	-	-	-
	1216 Total		**527,592**	**645,716**	**282,151**
	1218	Salary	546,779	596,919	270,201
		Fringes	395,581	418,939	195,879
		Non-payroll	4,850	4,850	1,387
	1218 Total		**947,210**	**1,020,708**	**467,467**
	1219	Salary	233,553	184,972	70,888
		Fringes	202,533	155,023	53,950
		Non-payroll	2,000	2,000	160
	1219 Total		**438,086**	**341,995**	**124,998**
Student services Total			**4,613,279**	**5,059,310**	**2,139,589**

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Lincoln Consolidated Schools
Budget to Actual by Function For the Month Ended January 31, 2019

			Values		
F/S Caption	**Function**	**Code**	**Sum of Orig. Budget**	**Sum of Amended**	**Sum of Final**
Instructional support	**1221**	Salary	-	40,400	27,560
		Fringes	-	18,165	10,052
		Non-payroll	90,235	159,565	118,495
	1221 Total		**90,235**	**218,130**	**156,107**
	1222	Salary	-	146,593	46,092
		Fringes	-	74,353	24,477
		Non-payroll	1,500	1,500	-
	1222 Total		**1,500**	**222,446**	**70,569**
	1226	Salary	255,390	261,236	156,206
		Fringes	159,636	183,938	96,749
		Non-payroll	622,700	708,672	269,155
	1226 Total		**1,037,726**	**1,153,846**	**522,110**
	1229	Non-payroll	-	-	-
	1229 Total		**-**	**-**	**-**
	1230	Salary	81,441	-	-
		Fringes	36,005	-	172
	1230 Total		**117,446**	**-**	**172**
Instructional support Total			**1,246,907**	**1,594,422**	**748,958**
Business Admin	**1249**	Salary	-	-	13,352
		Non-payroll	-	-	-
	1249 Total		**-**	**-**	**13,352**
	1252	Salary	37,300	35,006	16,503
		Fringes	42,199	38,028	38,203
		Non-payroll	611,650	611,650	322,621
	1252 Total		**691,149**	**684,684**	**377,327**
	1259	Fringes	-	-	-
		Non-payroll	148,800	156,041	18,071
	1259 Total		**148,800**	**156,041**	**18,071**
Business Admin Total			**839,949**	**840,725**	**408,750**

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Lincoln Consolidated Schools
Budget to Actual by Function For the Month Ended January 31, 2019

			Values		
F/S Caption	Function	Code	Sum of Orig. Budget	Sum of Amended	Sum of Final
General Admin	1231	Non-payroll	94,750	144,750	55,691
	1231 Total		**94,750**	**144,750**	**55,691**
	1232	Salary	197,500	197,650	112,010
		Fringes	134,806	137,721	63,309
		Non-payroll	21,450	21,594	3,906
	1232 Total		**353,756**	**356,965**	**179,225**
General Admin Total			**448,506**	**501,715**	**234,916**
Principal Admin	1241	Salary	1,165,561	1,073,132	503,590
		Fringes	826,607	739,065	331,821
		Non-payroll	1,750	1,750	2,033
	1241 Total		**1,993,918**	**1,813,947**	**837,444**
Principal Admin Total			**1,993,918**	**1,813,947**	**837,444**
Central	1282	Salary	47,000	51,600	27,592
		Fringes	41,808	44,066	12,750
		Non-payroll	118,250	118,250	73,221
	1282 Total		**207,058**	**213,916**	**113,563**
	1283	Salary	134,500	108,861	50,520
		Fringes	88,118	87,480	38,733
		Non-payroll	53,900	73,820	28,236
	1283 Total		**276,518**	**270,161**	**117,489**
	1284	Salary	-	-	-
		Fringes	-	-	10,609
		Non-payroll	846,267	634,366	25,409
	1284 Total		**846,267**	**634,366**	**36,018**
	1289	Non-payroll	-	-	-
	1289 Total		**-**	**-**	**-**
Central Total			**1,329,843**	**1,118,443**	**267,070**
Operations and maint	1261	Salary	299,614	278,651	138,999
		Fringes	239,569	239,168	111,863
		Non-payroll	2,899,244	3,004,932	1,591,442
	1261 Total		**3,438,427**	**3,522,751**	**1,842,304**
	1266	Non-payroll	165,000	165,000	66,938
	1266 Total		**165,000**	**165,000**	**66,938**
Operations and maint Total			**3,603,427**	**3,687,751**	**1,909,242**
Transportation	1271	Salary	1,119,962	1,117,131	546,223
		Fringes	902,484	874,984	392,620
		Non-payroll	365,550	399,085	204,926
	1271 Total		**2,387,995**	**2,391,199**	**1,143,769**
Transportation Total			**2,387,995**	**2,391,199**	**1,143,769**

For internal use only. These financial statements have not been audited, and no assurance is provided.

Lincoln Consolidated Schools
Budget to Actual by Function For the Month Ended January 31, 2019

			Values		
F/S Caption	Function	Code	Sum of Orig. Budget	Sum of Amended	Sum of Final
Athletics	1293	Salary	218,916	221,970	102,340
		Fringes	137,786	137,923	66,518
		Non-payroll	428,300	467,156	295,072
	1293 Total		785,003	827,050	463,930
Athletics Total			785,003	827,050	463,930
Comm Ed Exp	1331	Salary	41,600	51,308	20,781
		Fringes	25,403	50,240	16,195
		Non-payroll	2,000	2,163	8,944
	1331 Total		69,003	103,711	45,920
	1361	Non-payroll	-	3,140	2,108
	1361 Total		-	3,140	2,108
Comm Ed Exp Total			69,003	106,851	48,028
Grand Total			46,047,026	47,058,379	21,033,309

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
7163945137 - Trust & Agency Checking									
Check									
21374	01/11/2019	Open			Accounts Payable	APPLE, INC.	$556.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$556.00			
21375	01/11/2019	Open			Accounts Payable	COUNTRY MEATS	$356.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$356.00			
21376	01/11/2019	Open			Accounts Payable	GREAT LAKES COCA-COLA DISTRIBUTION	$542.16		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$542.16			
21377	01/11/2019	Open			Accounts Payable	HOLDEN, NICOLE	$292.45		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$292.45			
21378	01/11/2019	Open			Accounts Payable	SAM'S CLUB DIRECT	$71.72		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$71.72			
21379	01/11/2019	Open			Accounts Payable	STRAIGHT FORWARD PERFORMANCE L.L.C.	$500.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$500.00			
21380	01/11/2019	Open			Accounts Payable	SWEETWATER	$499.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$499.00			
21381	01/11/2019	Open			Accounts Payable	THE ICEE COMPANY	$480.48		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$480.48			
21382	01/18/2019	Open			Accounts Payable	GORMAN, JEFFERY	$45.69		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$45.69			
21383	01/18/2019	Open			Accounts Payable	MICHIGAN INTERSCHOLASTIC FORENSIC ASSOCIATION	$150.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$150.00			
21384	01/18/2019	Open			Accounts Payable	MICHIGAN WRESTLING ASSOCIATION , CHRIS , DUNHAM	$35.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$35.00			
21385	01/18/2019	Open			Accounts Payable	NORTHROP, DAVID	$17.40		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$17.40			
21386	01/18/2019	Open			Accounts Payable	ROBINSON, DWAYNE	$325.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$325.00			
21387	01/18/2019	Open			Accounts Payable	WILDLIFE SAFARI	$1,500.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$1,500.00			
21388	01/25/2019	Open			Accounts Payable	AMAZON.COM #6045787810325411	$247.37		
	Paying Fund			Cash Account		Amount			

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$247.37		
21389	01/25/2019	Open			Accounts Payable	ARBOR SPRINGS WATER CO	$19.50		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$19.50		
21390	01/25/2019	Open			Accounts Payable	COCKTAILS N' DREAMS, LLC.	$250.00		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$250.00		
21391	01/25/2019	Open			Accounts Payable	FRIENDS OF THE YPSILANTI FREIGHTHOUSE	$720.00		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$720.00		
21392	01/25/2019	Voided	Duplicate Payment	02/11/2019	Accounts Payable	GENOT PICOR-STORYTELLER	$510.00		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$510.00		
21393	01/25/2019	Open			Accounts Payable	HULING, KELLY	$93.39		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$93.39		
21394	01/25/2019	Open			Accounts Payable	OMNI CHEER	$206.36		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$206.36		
21395	01/25/2019	Open			Accounts Payable	TEAM SPORTS, INC	$1,415.00		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$1,415.00		
21396	01/25/2019	Open			Accounts Payable	THE PROPHET CORPORATION	$337.95		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$337.95		
Type Check Totals:					23 Transactions		$9,170.47		
EFT									
474	01/11/2019	Open			Accounts Payable	ATLAS WHOLESALE FOOD CO.	$356.69		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$356.69		
475	01/11/2019	Open			Accounts Payable	GARDEN FANTASY ON MAIN	$54.99		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$54.99		
476	01/11/2019	Open			Accounts Payable	SCHOOL SPECIALTY INC.	$454.70		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$454.70		
477	01/18/2019	Open			Accounts Payable	A DESIGN LINE EMBROIDERY	$1,852.00		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$1,852.00		
478	01/18/2019	Open			Accounts Payable	MITCA	$170.00		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$170.00		
479	01/18/2019	Open			Accounts Payable	ORIENTAL TRADING CO	$648.12		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$648.12		
480	01/18/2019	Open			Accounts Payable	ROE, RICHARD	$3,189.56		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)			$3,189.56		

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
481	01/18/2019	Open			Accounts Payable	SCHOOL SPECIALTY INC.	$80.48		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$80.48			
482	01/18/2019	Open			Accounts Payable	SCHOOL SPECIALTY INC.	$568.80		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$568.80			
483	01/25/2019	Open			Accounts Payable	ANGEL, LAURA, L	$180.37		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$180.37			
484	01/25/2019	Open			Accounts Payable	UNITED SONZ	$268.00		
	Paying Fund			Cash Account		Amount			
	61 - Trust & Agency Fund			61-2101-061 (Cash - Trust & Agency)		$268.00			
Type EFT Totals:					11 Transactions		$7,823.71		

7163945137 - Trust & Agency Checking Totals

Checks	Status	Count	Transaction Amount	Reconciled Amount
	Open	22	$8,660.47	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$510.00	$0.00
	Stopped	0	$0.00	$0.00
	Total	23	$9,170.47	$0.00

EFTs	Status	Count	Transaction Amount	Reconciled Amount
	Open	11	$7,823.71	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	0	$0.00	$0.00
	Total	11	$7,823.71	$0.00

All	Status	Count	Transaction Amount	Reconciled Amount
	Open	33	$16,484.18	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$510.00	$0.00
	Stopped	0	$0.00	$0.00

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source		Payee Name	Transaction Amount	Reconciled Amount	Difference
					Total	34		$16,994.18	$0.00	

Grand Totals:

Checks	Status	Count	Transaction Amount	Reconciled Amount
	Open	22	$8,660.47	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$510.00	$0.00
	Stopped	0	$0.00	$0.00
	Total	23	$9,170.47	$0.00

EFTs	Status	Count	Transaction Amount	Reconciled Amount
	Open	11	$7,823.71	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	0	$0.00	$0.00
	Total	11	$7,823.71	$0.00

All	Status	Count	Transaction Amount	Reconciled Amount
	Open	33	$16,484.18	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$510.00	$0.00
	Stopped	0	$0.00	$0.00
	Total	34	$16,994.18	$0.00

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
7163944775 - A/P Checking									
Check									
118042	01/11/2019	Open			Accounts Payable	B & B POOLS & SPAS	$969.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$969.00			
118043	01/11/2019	Open			Accounts Payable	CINTAS LOCATION #300	$644.82		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$644.82			
118044	01/11/2019	Open			Accounts Payable	CINTAS LOCATION #300	$267.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$267.00			
118045	01/11/2019	Open			Accounts Payable	CLINTON COMMUNITY SCHOOLS	$125.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$125.00			
118046	01/11/2019	Open			Accounts Payable	DTE ENERGY	$10,666.76		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$10,666.76			
118047	01/11/2019	Open			Accounts Payable	DUNDEE COMMUNITY SCHOOLS	$300.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$300.00			
118048	01/11/2019	Open			Accounts Payable	ELECTRIFIED DISCOUNTERS INC.	$676.67		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$676.67			
118049	01/11/2019	Open			Accounts Payable	FERGUSON ENTERPRISES, INC.	$246.38		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$246.38			
118050	01/11/2019	Open			Accounts Payable	GDI Transportation, Inc. , Tony, V	$337.50		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$337.50			
118051	01/11/2019	Open			Accounts Payable	GIBRALTER SCHOOL DISTRICT	$150.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$150.00			
118052	01/11/2019	Open			Accounts Payable	GRIFFITHS, STACEY	$60.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$60.00			
118053	01/11/2019	Open			Accounts Payable	GUARDIAN ENVIRONMENTAL SERVICES, INC.	$6,389.62		
118054	01/11/2019	Open			Accounts Payable	HOLT PUBLIC SCHOOLS	$225.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$225.00			
118055	01/11/2019	Open			Accounts Payable	Huron School District	$150.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$150.00			
118056	01/11/2019	Open			Accounts Payable	IDN-HARDWARE SALES INC	$714.99		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$714.99			
118057	01/11/2019	Open			Accounts Payable	JACKSON PUBLIC SCHOOLS	$225.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$225.00			

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
118058	01/11/2019	Open			Accounts Payable	JACKSON TRUCK SERVICE, INC.	$2,538.20		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$2,538.20			
118059	01/11/2019	Open			Accounts Payable	KRISPEN S CARROLL	$1,196.76		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$1,196.76			
118060	01/11/2019	Open			Accounts Payable	MANCHESTER COMMUNITY SCHOOLS	$190.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$190.00			
118061	01/11/2019	Open			Accounts Payable	MELVINDALE N. ALLEN PARK PUBLIC SCHOOL	$200.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$200.00			
118062	01/11/2019	Open			Accounts Payable	MICHIGAN GUARANTY AGENCY	$291.33		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$291.33			
118063	01/11/2019	Open			Accounts Payable	MILAN AREA SCHOOLS	$200.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$200.00			
118064	01/11/2019	Open			Accounts Payable	MiSDU	$1,235.17		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$1,235.17			
118065	01/11/2019	Open			Accounts Payable	NUCO2 LLC	$380.91		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$380.91			
118066	01/11/2019	Open			Accounts Payable	PLYMOUTH CANTON COMMUNITY SCH	$200.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$200.00			
118067	01/11/2019	Open			Accounts Payable	SALINE AREA SCHOOLS	$225.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$225.00			
118068	01/11/2019	Open			Accounts Payable	SAM'S CLUB DIRECT	$553.53		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$553.53			
118069	01/11/2019	Open			Accounts Payable	SECREST, WARDLE, LYNCH, HAMPTON, TRUEX & MORELY PC	$108.33		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$108.33			
118070	01/11/2019	Open			Accounts Payable	STRAIGHT FORWARD PERFORMANCE L.L.C.	$5,000.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$5,000.00			
118071	01/11/2019	Open			Accounts Payable	SURE RIDE TRANSPORTATION, LLC,	$516.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$516.00			
118072	01/11/2019	Open			Accounts Payable	SWEETWATER	$179.99		
	Paying Fund			Cash Account		Amount			

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$179.99		
118073	01/11/2019	Open			Accounts Payable	TAMMY J. TERRY	$621.43		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$621.43		
118074	01/11/2019	Open			Accounts Payable	UNITY SCHOOL BUS PARTS	$2,189.85		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,189.85		
118075	01/11/2019	Open			Accounts Payable	VAN BUREN PUBLIC SCHOOLS	$100.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$100.00		
118076	01/11/2019	Open			Accounts Payable	VERIZON WIRELESS	$569.92		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$569.92		
118077	01/11/2019	Open			Accounts Payable	WASHTENAW COUNTY TREASURER	$13,387.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$13,387.50		
118078	01/11/2019	Open			Accounts Payable	WASTE MANAGEMENT	$42.02		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$42.02		
118079	01/11/2019	Open			Accounts Payable	WHITMORE LAKE PUBLIC SCHOOLS	$50.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$50.00		
118080	01/14/2019	Open			Accounts Payable	AFLAC	$841.84		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$841.84		
118081	01/15/2019	Open			Accounts Payable	DANIEL HUNTER P56222	$82.96		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$82.96		
118082	01/25/2019	Open			Accounts Payable	ACADEMIC THERAPY PUBLICATIONS	$701.80		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$701.80		
118083	01/25/2019	Open			Accounts Payable	ADVANCED ORTHOPEDIC SPECIALISTS P.C.	$31.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$31.50		
118084	01/25/2019	Open			Accounts Payable	AMAZON.COM #6045787810325411	$5,355.48		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$5,355.48		
118085	01/25/2019	Open			Accounts Payable	AMERICAN GENERAL LIFE INSURANCE COMPANY	$821.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$821.50		
118086	01/25/2019	Open			Accounts Payable	ARBOR SPRINGS WATER CO	$50.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$50.00		
118087	01/25/2019	Open			Accounts Payable	AUL SPECIAL PAY TRUST C/O	$23,016.00		
	Paying Fund			Cash Account			Amount		

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	11 - General Fund			11-2101-002 (Cash - AP Checking)			$23,016.00		
118088	01/25/2019	Open			Accounts Payable	BRAINPOP	$2,275.25		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,275.25		
118089	01/25/2019	Open			Accounts Payable	BROWN, AUBREY	$40.00		
	Paying Fund			Cash Account			Amount		
	23 - Community Services			23-2101-002 (Cash - AP Checking)			$40.00		
118090	01/25/2019	Open			Accounts Payable	CATALFIO, SARAH	$275.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$275.00		
118091	01/25/2019	Open			Accounts Payable	CATHERINE MCAULEY HEALTH SERVICES	$143.49		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$143.49		
118092	01/25/2019	Open			Accounts Payable	CINTAS LOCATION #300	$705.20		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$705.20		
118093	01/25/2019	Open			Accounts Payable	CINTAS LOCATION #300	$2,150.30		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,150.30		
118094	01/25/2019	Open			Accounts Payable	CRAWFORD DOOR SALES	$2,145.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,145.00		
118095	01/25/2019	Open			Accounts Payable	DTE ENERGY	$4,729.33		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$4,729.33		
118096	01/25/2019	Open			Accounts Payable	DTE ENERGY	$39,424.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$39,424.50		
118097	01/25/2019	Open			Accounts Payable	ELITE FUND, INC	$100.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$100.00		
118098	01/25/2019	Open			Accounts Payable	FOX AUTO PARTS, INC.	$90.70		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$90.70		
118099	01/25/2019	Open			Accounts Payable	GOLDIN, SIMONA	$2,000.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,000.00		
118100	01/25/2019	Open			Accounts Payable	HOUGHTON MIFFLIN CO	$91,866.90		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$91,866.90		
118101	01/25/2019	Open			Accounts Payable	IDN-HARDWARE SALES INC	$8,988.75		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$5,424.99		
118102	01/25/2019	Open			Accounts Payable	INTEGRATED DESIGNS, INC.	$47,098.12		
118103	01/25/2019	Open			Accounts Payable	JOSTENS	$2,051.12		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,051.12		
118104	01/25/2019	Open			Accounts Payable	Kettlewell, Shannon	$43.77		
	Paying Fund			Cash Account			Amount		

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	11 - General Fund			11-2101-002 (Cash - AP Checking)			$43.77		
118105	01/25/2019	Open			Accounts Payable	KHASNABIS, DEBI	$2,000.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,000.00		
118106	01/25/2019	Open			Accounts Payable	KRISPEN S CARROLL	$1,196.76		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,196.76		
118107	01/25/2019	Open			Accounts Payable	Michigan Green Cab Ann Arbor, LLC.	$1,355.67		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,355.67		
118108	01/25/2019	Open			Accounts Payable	MICHIGAN GUARANTY AGENCY	$291.33		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$291.33		
118109	01/25/2019	Open			Accounts Payable	MICHIGAN HIGH SCHOOL ATHLETIC ASSOCIATION INC.	$120.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$120.00		
118110	01/25/2019	Open			Accounts Payable	MiSDU	$1,235.17		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,235.17		
118111	01/25/2019	Open			Accounts Payable	NOVA ENVIRONMENTAL INC	$1,695.00		
118112	01/25/2019	Open			Accounts Payable	NovaVision Inc.	$239.75		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$239.75		
118113	01/25/2019	Open			Accounts Payable	NUCO2 LLC	$361.40		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$361.40		
118114	01/25/2019	Open			Accounts Payable	ONSTED COMMUNITY SCHOOLS	$150.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$150.00		
118115	01/25/2019	Open			Accounts Payable	Pinter's Flowerland Inc	$1,086.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,086.00		
118116	01/25/2019	Open			Accounts Payable	PRICE, LAURIE	$3,950.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$3,950.00		
118117	01/25/2019	Open			Accounts Payable	REVIEW WORKS	$313.46		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$313.46		
118118	01/25/2019	Open			Accounts Payable	ROTARY CLUB OF YPSILANTI	$44.44		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$44.44		
118119	01/25/2019	Open			Accounts Payable	SCHOLASTIC MAGAZINES	$3,135.06		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$3,135.06		
118120	01/25/2019	Open			Accounts Payable	SCHOOL HEALTH	$485.11		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$485.11		
118121	01/25/2019	Open			Accounts Payable	Senor Wooly LLC	$631.60		
	Paying Fund			Cash Account			Amount		

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	11 - General Fund			11-2101-002 (Cash - AP Checking)			$631.60		
118122	01/25/2019	Open			Accounts Payable	SKOWRON, CHRISTOPHER	$266.83		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$266.83		
118123	01/25/2019	Open			Accounts Payable	TAMMY J. TERRY	$621.43		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$621.43		
118124	01/25/2019	Open			Accounts Payable	WADE TRIM INC.	$8,197.95		
118125	01/25/2019	Open			Accounts Payable	WASHTENAW INTER SCH DIST	$9,729.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$9,729.00		
118126	01/25/2019	Open			Accounts Payable	WASTE MANAGEMENT	$4,421.56		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$4,421.56		
118127	01/25/2019	Open			Accounts Payable	WINDSTREAM	$2,763.70		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,763.70		
118128	01/25/2019	Open			Accounts Payable	GOTTLIEB, RICHARD	$323.94		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$323.94		
118129	01/25/2019	Open			Accounts Payable	TURNER , NANCY	$71.60		
Type Check Totals:					88 Transactions		$331,838.95		
EFT									
2886	01/03/2019	Open			Accounts Payable	OFFICE OF RETIREMENT SERVICES (ORS)	$283,173.09		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$283,173.09		
2887	01/11/2019	Open			Accounts Payable	000207	$31,441.49		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$31,441.49		
2888	01/11/2019	Open			Accounts Payable	A R REPAIRS BAKER'S KNEADS INC.	$5,859.41		
2889	01/11/2019	Open			Accounts Payable	A.F. SMITH ELECTRIC, INC.	$867.17		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$867.17		
2890	01/11/2019	Open			Accounts Payable	BEAVER RESEARCH COMPANY	$96.16		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$96.16		
2891	01/11/2019	Open			Accounts Payable	BEIER HOWLETT, P.C.	$142.80		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$142.80		
2892	01/11/2019	Open			Accounts Payable	CENTRAL MICHIGAN PAPER	$2,196.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,196.00		
2893	01/11/2019	Open			Accounts Payable	CURRENT ELECTRIC MOTOR SUPPLY	$1,977.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,977.00		
2894	01/11/2019	Open			Accounts Payable	EXELON ENERGY COMPANY	$5,760.82		
	Paying Fund			Cash Account			Amount		

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	11 - General Fund			11-2101-002 (Cash - AP Checking)			$5,760.82		
2895	01/11/2019	Open			Accounts Payable	GRAINGER INC, W W	$375.73		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$375.73		
2896	01/11/2019	Open			Accounts Payable	HI-LINE ELECTRIC COMPANY, INC.	$740.12		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$740.12		
2897	01/11/2019	Open			Accounts Payable	INSECTECH INC.	$341.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$341.00		
2898	01/11/2019	Open			Accounts Payable	LIGHTING SUPPLY CO	$144.15		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$144.15		
2899	01/11/2019	Open			Accounts Payable	MAMP, JOYCE	$54.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$54.50		
2900	01/11/2019	Open			Accounts Payable	NATIONAL CINEMEDIA, LLC.	$1,810.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,810.50		
2901	01/11/2019	Open			Accounts Payable	PCMI	$2,413.80		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$2,413.80		
2902	01/11/2019	Open			Accounts Payable	PEDIATRIC THERAPY ASSOCIATES	$49,604.25		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$49,604.25		
2903	01/11/2019	Open			Accounts Payable	R W MERCER COMPANY	$660.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$660.00		
2904	01/11/2019	Open			Accounts Payable	SELKING INTERNATIONAL & IDEALEASE	$1,280.32		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,280.32		
2905	01/11/2019	Open			Accounts Payable	TEACHERS CURRICULUM INST. LLC	$157.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$157.50		
2906	01/11/2019	Open			Accounts Payable	THERE AND BACK TRANSPORTATION	$4,116.16		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$4,116.16		
2907	01/11/2019	Open			Accounts Payable	TRANSPORTATION ACCESSORIES CO	$1,321.91		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,321.91		
2908	01/11/2019	Open			Accounts Payable	UNITED SONZ	$3,807.50		
	Paying Fund			Cash Account			Amount		
	23 - Community Services			23-2101-002 (Cash - AP Checking)			$3,807.50		
2909	01/11/2019	Open			Accounts Payable	WESTFALL, CHRISTOPHER	$60.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$60.00		

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2910	01/11/2019	Open			Accounts Payable	WILLIAMS, MICHELE, D.	$416.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$416.00			
2911	01/11/2019	Open			Accounts Payable	HEALTHEQUITY, INC	$8,377.92		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$8,377.92			
2912	01/11/2019	Open			Accounts Payable	IRS/UNITED STATES TREASURY	$164,731.10		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$164,731.10			
2913	01/16/2019	Open			Accounts Payable	OFFICE OF RETIREMENT SERVICES (ORS)	$271,709.75		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$271,709.75			
2914	01/25/2019	Open			Accounts Payable	000207	$33,116.49		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$33,116.49			
2915	01/25/2019	Open			Accounts Payable	ADVANCED MEDICAL SOLUTIONS, INC.	$15.50		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$15.50			
2916	01/25/2019	Open			Accounts Payable	AFFINETY SOLUTIONS INC	$75.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$75.00			
2917	01/25/2019	Open			Accounts Payable	AIR TEMP SOLUTIONS, INC.	$3,764.86		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$3,764.86			
2918	01/25/2019	Open			Accounts Payable	ALLSHRED SERVICES	$86.20		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$86.20			
2919	01/25/2019	Open			Accounts Payable	ANN ARBOR WELDING	$16.74		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$16.74			
2920	01/25/2019	Open			Accounts Payable	ARAMARK CORPORATION	$117,113.01		
2921	01/25/2019	Open			Accounts Payable	ARTHUR J GALLAGHER & CO OF MI	$2,500.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$2,500.00			
2922	01/25/2019	Open			Accounts Payable	BEIER HOWLETT, P.C.	$142.80		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$142.80			
2923	01/25/2019	Open			Accounts Payable	BROADSPIRE SERVICES INC	$3,177.60		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$3,177.60			
2924	01/25/2019	Open			Accounts Payable	BROADSPIRE SERVICES INC	$1,185.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$1,185.00			
2925	01/25/2019	Open			Accounts Payable	BUSH, GEOFFRY, L.	$300.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$300.00			

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2926	01/25/2019	Open			Accounts Payable	CAMPBELL, INC.	$1,040.50		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$1,040.50			
2927	01/25/2019	Open			Accounts Payable	CENTRAL MICHIGAN PAPER	$1,184.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$1,184.00			
2928	01/25/2019	Open			Accounts Payable	CRAVEN, BRENDA	$90.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$90.00			
2929	01/25/2019	Open			Accounts Payable	CURRENT ELECTRIC MOTOR SUPPLY	$345.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$345.00			
2930	01/25/2019	Open			Accounts Payable	DAY, LORAINE, E	$300.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$300.00			
2931	01/25/2019	Open			Accounts Payable	DES MOINES STAMP MFG CO	$139.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$139.00			
2932	01/25/2019	Open			Accounts Payable	EIDEX	$8,278.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$8,278.00			
2933	01/25/2019	Voided	Other	02/06/2019	Accounts Payable	EISENSTEIN, DEBORAH , GRACE	$40.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$40.00			
2934	01/25/2019	Open			Accounts Payable	ENVIRO-CLEAN	$96,635.29		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$96,562.02			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$73.27			
2935	01/25/2019	Open			Accounts Payable	FBM INC	$165.50		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$165.50			
2936	01/25/2019	Open			Accounts Payable	FISHER, JALEN	$20.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$20.00			
2937	01/25/2019	Open			Accounts Payable	FRYE, AMARI	$40.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$40.00			
2938	01/25/2019	Open			Accounts Payable	GUARDIAN PLUMBING & HEATING, INC	$3,881.85		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$3,881.85			
2939	01/25/2019	Open			Accounts Payable	HEINEMANN	$24,113.81		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$24,113.81			
2940	01/25/2019	Open			Accounts Payable	HERRERO, HANNAH	$20.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$20.00			
2941	01/25/2019	Open			Accounts Payable	J W PEPPER	$143.94		
	Paying Fund			Cash Account		Amount			

Lincoln Consolidated Schools

Payment Register

From Payment Date: 1/1/2019 - To Payment Date: 1/31/2019

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$143.94		
2942	01/25/2019	Open			Accounts Payable	JOHNSON, CAMERON, GRAY	$20.00		
	Paying Fund			Cash Account			Amount		
	23 - Community Services			23-2101-002 (Cash - AP Checking)			$20.00		
2943	01/25/2019	Open			Accounts Payable	JOHNSON CONTROLS SECURITY SOLUTIONS LLC	$377.97		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$377.97		
2944	01/25/2019	Open			Accounts Payable	LEARNING A-Z	$549.75		
	Paying Fund			Cash Account			Amount		
	61 - Trust & Agency Fund			61-2101-002 (Cash - AP Checking)			$549.75		
2945	01/25/2019	Open			Accounts Payable	MCGOY, E.L.	$45.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$45.00		
2946	01/25/2019	Open			Accounts Payable	NEOLA, INC.	$1,288.25		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,288.25		
2947	01/25/2019	Open			Accounts Payable	PCMI	$32,384.54		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$32,384.54		
2948	01/25/2019	Open			Accounts Payable	QUILL CORPORATION	$63.15		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$63.15		
2949	01/25/2019	Open			Accounts Payable	REGENTS OF UNIVERSITY OF MICHIGAN	$483.71		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$483.71		
2950	01/25/2019	Open			Accounts Payable	RICOH USA, INC	$10,871.79		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$10,871.79		
2951	01/25/2019	Open			Accounts Payable	ROBERSON, JORDAN	$40.00		
	Paying Fund			Cash Account			Amount		
	23 - Community Services			23-2101-002 (Cash - AP Checking)			$40.00		
2952	01/25/2019	Open			Accounts Payable	RR DONNELLEY & SONS COMPANY	$454.51		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$454.51		
2953	01/25/2019	Open			Accounts Payable	SCHOOL SPECIALTY INC.	$1,060.19		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,060.19		
2954	01/25/2019	Open			Accounts Payable	SEHI-PROCOMP COMPUTERS	$854.50		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$854.50		
2955	01/25/2019	Open			Accounts Payable	STANDARD PRINTING	$307.10		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$112.10		
2956	01/25/2019	Open			Accounts Payable	THRUN LAW FIRM, P.C.	$1,960.00		
	Paying Fund			Cash Account			Amount		
	11 - General Fund			11-2101-002 (Cash - AP Checking)			$1,960.00		

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Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source	Payee Name	Transaction Amount	Reconciled Amount	Difference
2957	01/25/2019	Open			Accounts Payable	UNITED SONZ	$400.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$400.00			
2958	01/25/2019	Open			Accounts Payable	VESCO OIL CORPORATION	$112.25		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$112.25			
2959	01/25/2019	Open			Accounts Payable	WASHTENAW COUNTY CONSORTIUM	$427,184.46		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$427,184.46			
2960	01/25/2019	Open			Accounts Payable	WILLIAMS, MICHELE, D.	$472.00		
	Paying Fund			Cash Account		Amount			
	23 - Community Services			23-2101-002 (Cash - AP Checking)		$472.00			
2961	01/25/2019	Open			Accounts Payable	WILLIAMS, TISHA, MARIE	$315.00		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$315.00			
2962	01/25/2019	Open			Accounts Payable	HEALTHEQUITY, INC	$8,017.92		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$8,017.92			
2963	01/31/2019	Open			Accounts Payable	OFFICE OF RETIREMENT SERVICES (ORS)	$278,727.10		
	Paying Fund			Cash Account		Amount			
	11 - General Fund			11-2101-002 (Cash - AP Checking)		$278,727.10			
Type EFT Totals:					78 Transactions		$1,907,555.43		
7163944775 - A/P Checking Totals									

Checks	Status	Count	Transaction Amount	Reconciled Amount
	Open	88	$331,838.95	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	0	$0.00	$0.00
	Stopped	0	$0.00	$0.00
	Total	88	$331,838.95	$0.00

EFTs	Status	Count	Transaction Amount	Reconciled Amount
	Open	77	$1,907,515.43	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$40.00	$0.00
	Total	78	$1,907,555.43	$0.00

All	Status	Count	Transaction Amount	Reconciled Amount
	Open	165	$2,239,354.38	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$40.00	$0.00
	Stopped	0	$0.00	$0.00

Lincoln Consolidated Schools

Payment Register

From Payment Date: 1/1/2019 - To Payment Date: 1/31/2019

Number	Date	Status	Void Reason	Reconciled/ Voided Date	Source		Payee Name	Transaction Amount	Reconciled Amount	Difference
					Total	166	$2,239,394.38		$0.00	

Grand Totals:

Checks	Status	Count	Transaction Amount	Reconciled Amount
	Open	88	$331,838.95	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	0	$0.00	$0.00
	Stopped	0	$0.00	$0.00
	Total	88	$331,838.95	$0.00

EFTs	Status	Count	Transaction Amount	Reconciled Amount
	Open	77	$1,907,515.43	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$40.00	$0.00
	Total	78	$1,907,555.43	$0.00

All	Status	Count	Transaction Amount	Reconciled Amount
	Open	165	$2,239,354.38	$0.00
	Reconciled	0	$0.00	$0.00
	Voided	1	$40.00	$0.00
	Stopped	0	$0.00	$0.00
	Total	166	$2,239,394.38	$0.00

LINCOLN CONSOLIDATED SCHOOLS
PERSONNEL TRANSACTIONS SUMMARY

ACTION ITEMS

Name	Position/Building	Effective Date	Status	Major/Step
Lyle Culp	Model/Noon Supervisor	2/13/2019	New Hire	
Pete Eckhardt	Transportation/Mechanic	1/22/2019	Resigned	
Nicole Eldridge	Lincoln Riptides Swim Coach/Community Education	2/8/2019	Resigned	
Patience Johnson	Bishop/Noon Supervisor	6/1/2017	Resigned	
Amandy Partain	Childs/Noon Supervisor	9/1/2017	Resigned	

Name	Position/Building	Return to Work Date	Status	Approved/Not Approved
Lori Clark	Transportation/Bus Driver		FMLA Leave of Absence	Approved