

**SECTION ONE:**  
**Annual Small Building Projects**

**GLENBROOK HIGH SCHOOLS  
District Business Office**

**TO: Dr. Mike Riggle  
Hillary Siena**

**FROM: Kimberly L. Ptak**

**DATE: NOVEMBER 14, 2011**

**RE: CONSENT: FY 12/13 Small Building Projects**

**Recommendation**

It is recommended that the Board of Education approve the following small building projects to be completed the summer of 2012 in the amounts of \$180,000 (GBN) and \$185,000 (GBS).

**Background**

Each year, as part of the development of each building's operating budget; building administration compiles a list of building projects which they wish to complete. While large projects are generally approved and funded outside of the building operating budgets, smaller projects are included within each building's operating budget.

Prior to the referendum, the allocation from the building operating budget set aside for building projects was a figure not to exceed \$150,000 per building per year. After the referendum, due to increased square footage and higher construction costs, the allocation was increased to a figure not to exceed \$200,000 (which is about 6.5% of the total building budget.)

Attached are the FY 12/13 small building project recommendations prepared by John Finan and Gary Freund.

**SPECIAL BUILDING PROJECTS 2012-2013**  
**Glenbrook North**

**Fine Arts Acoustical Improvements**

**\$50,000**

The Fine Arts area including Band, Orchestra, Choir, Electronic Music Lab, Drama Lab and music practice rooms have experienced various sound transfer and acoustical issues as the department has occupied this space since the conclusion of 2008 construction. This project will eliminate the sound transfer issues between the Choir, Electronic Music Lab, Drama Lab and music practice rooms and provide additional sound absorption in Band and Orchestra.

**Exterior Building Signage**

**\$20,000**

The three wooden directional and athletic championship signs along Shermer Road are due for replacement. Refurbishing the signs is expensive and would need to be done every two years to maintain an acceptable appearance. The proposal is to replace them with durable aluminum signs, replacing the two directional signs at the north and south entrances and relocating the athletics sign to south of the pool building.

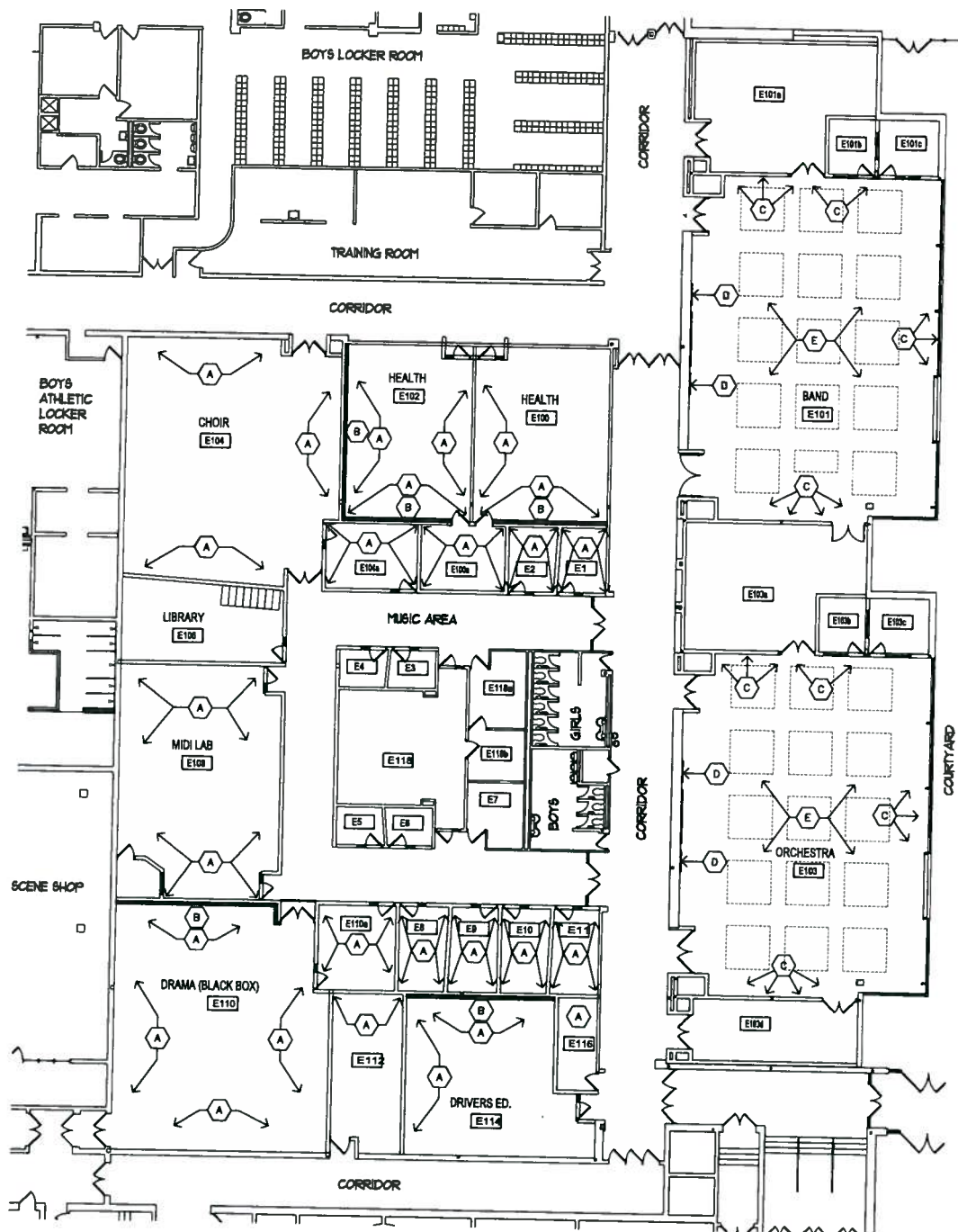
**Family and Consumer Science Culinary Laboratory**

**\$110,000**

GBN's Culinary and Fit for Life classes have averaged a total enrollment of 475 students over the last seven years. The existing facilities are not adequately serving the number of sections that we are offering and multiple classes are sharing the existing foods lab and a classroom, taking time away from valuable hands-on laboratory activities. C106 is a classroom that is not being used efficiently in the Family and Consumer Science area. Currently, C106 is being used for teachers to prepare for their culinary classes and for storage of extra equipment, supplies, and student products. The remainder of the classroom is a kitchen and is used for equipment storage, a back-up baking room and a prep area when C108 equipment and space can't accommodate necessary demands. The installation of a culinary lab would provide essential curricular exposure for the advanced level culinary students and allow other GBN classes to use the lab for cooking activities in their curriculum that were not possible with only one lab. With an additional culinary lab, we would accommodate student demand, allow students to explore culinary or hospitality careers and enhance our curriculum through the opportunity for students to learn in a simulated industry environment. All appliances and equipment for this proposed facility may be purchased with grant monies pending state renewal of funding.

**TOTAL EXPENDITURES FOR GBN**

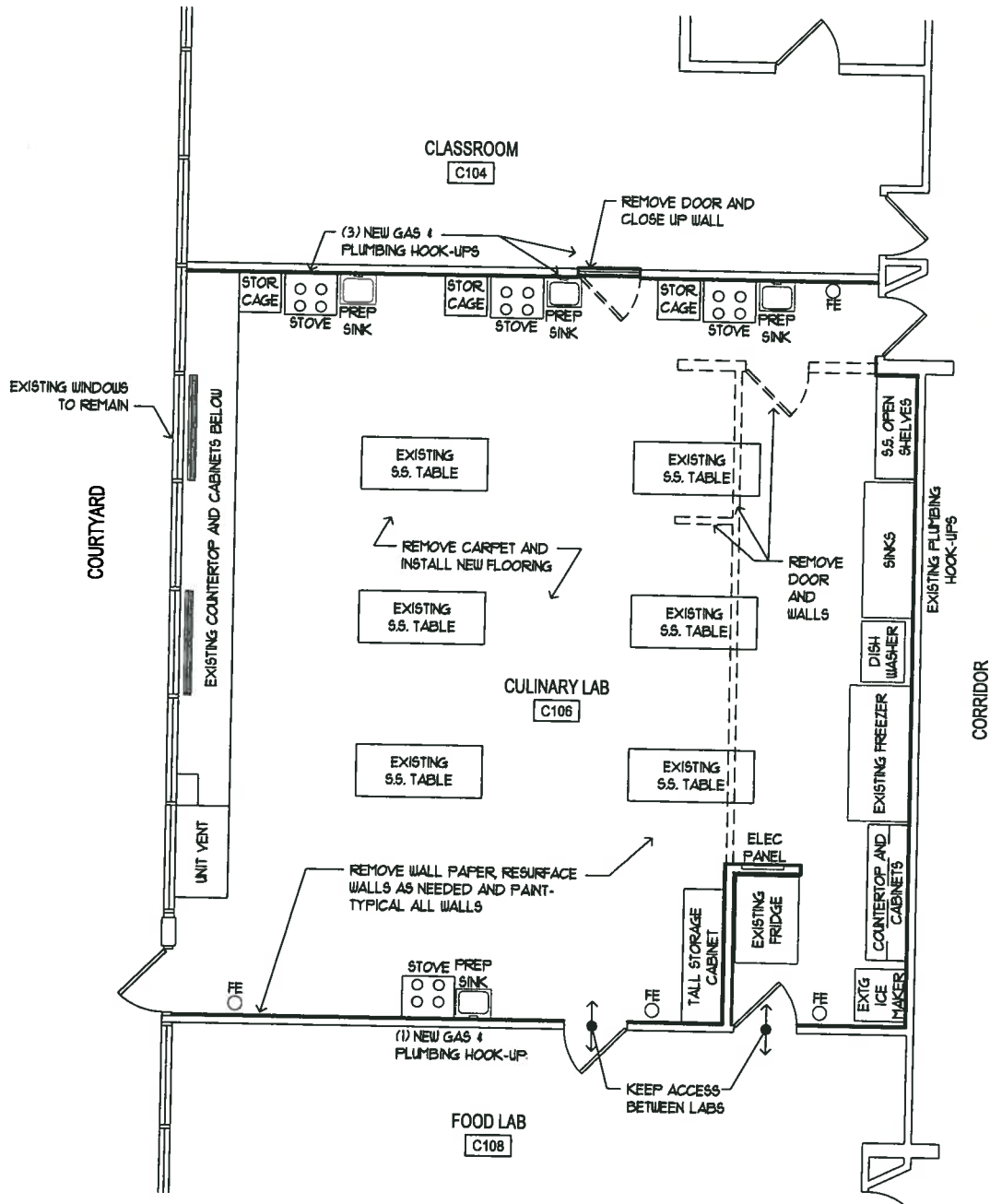
**\$180,000**



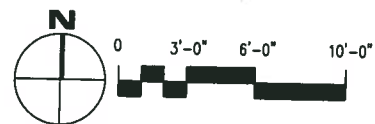
**GENERAL SCOPE OF WORK NOTES:**

- A. SEAL ALL PENETRATIONS THROUGH ANY WALL, ETC.
- B. ADD INSULATED METAL STUD AND GYPSUM BOARD WALLS TO INCREASE ACOUSTICAL DENSITY.
- C. REPLACE EXISTING PANELS WITH SOUND ABSORPTIVE PANELS.
- D. REPLACE BULLETIN BOARDS ON EITHER SIDE OF WHITEBOARDS WITH 4x4 & 4x6 ABSORPTIVE PANELS.
- E. ADD ABSORPTIVE INSULATION ON TOP OF EXISTING INDIVIDUAL CEILING PANEL CLOUDS.





## CULINARY LABORATORY REMODELING



GLENBROOK HIGH SCHOOL DISTRICT 225

Glenbrook North High School-Family and Consumer Culinary Laboratory

SUMMER 2012 WORK  
As of September 23, 2011

**SPECIAL BUILDING PROJECTS 2012 - 2013**  
**GLENBROOK SOUTH**

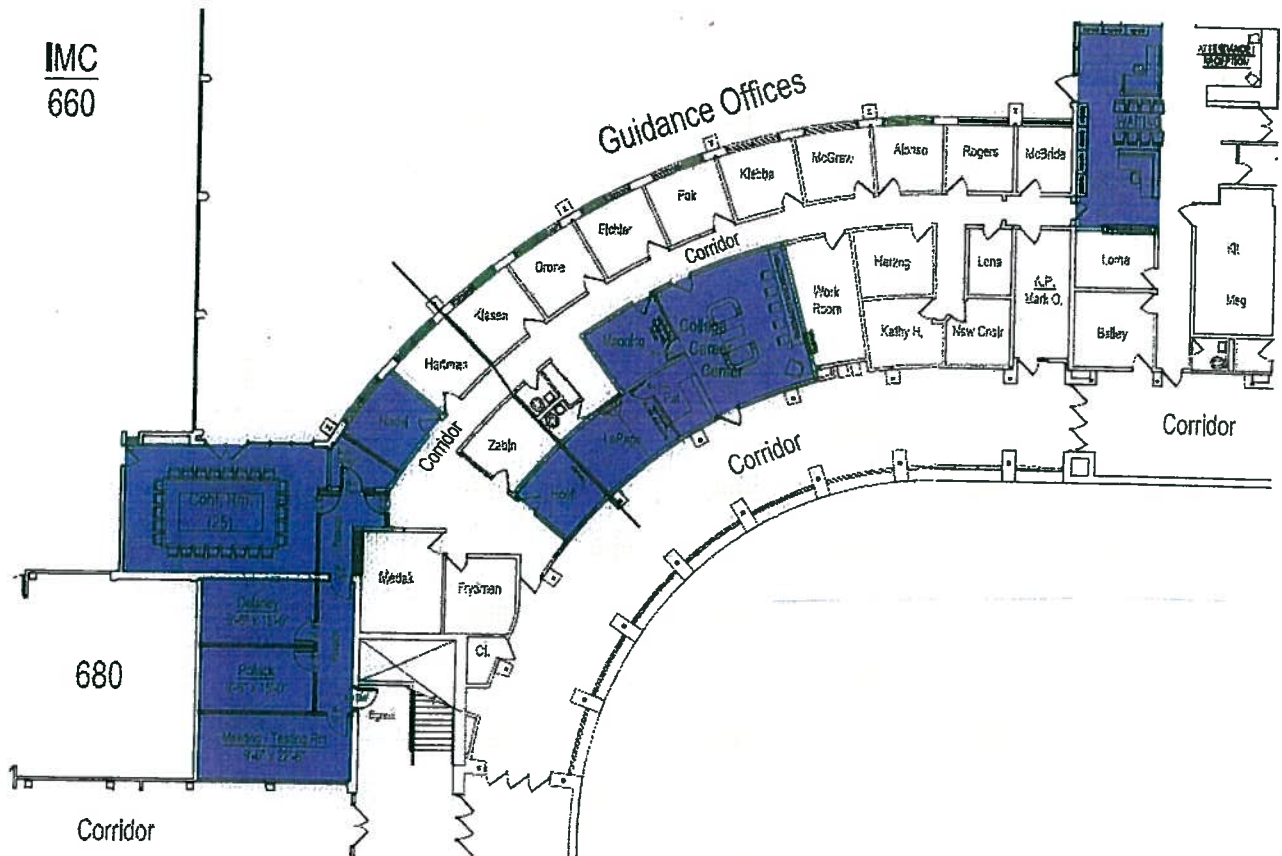
**Guidance Office Expansion**

**\$185,000**

This building project is the final step in realizing our vision for guidance and social/emotional support. Work on this vision began with a 2010 building project, in which we freed up space for guidance by moving the print shop to a central location close to the mailroom. This project develops the old print shop space and allows us to create one location for our social/emotional specialists. We currently are forced to have three of our social workers and a transition counselor in other locations in the building due to space constraints.

This project also flip flops the college and career center and the guidance conference room. There are two advantages to this swap. First, our current guidance conference room is too small to accommodate the entire department. Second, the college and career center will now be located in the middle of the guidance counselor's offices. This new configuration also allows our college and career counselor and transition counselor to be located within the center.

As a result of this project, the front two thirds of the guidance office will be able to house our guidance counselors and college and career center. The back third will contain our social workers and psychologists and creates a mental health area.



**GLENBROOK HIGH SCHOOLS  
Regular Board Meeting March 8, 2010  
District Business Office**

**TO:** Dr. Mike Riggle  
Hillary Siena

**FROM:** Kimberly L. Ptak

**DATE:** MARCH 8, 2010

**RE:** DISCUSSION/ACTION: Approval of 2011 Small Building Projects

**RECOMMENDATION**

It is recommended that the Board of Education approve the 2011 small building projects as shown on the attached pages.

**BACKGROUND**

Each year, as part of the development of each building's operating budgets; building administration compiles a list of building projects, which they wish to complete. While, large projects are generally approved and funded by the Board of Education, there are, usually projects not funded and/or relatively small. Building level administrators generate a list of these projects for submission to the Board of Education and inclusion in their operating budgets. The list reflects building level administrative priorities.

Prior to the referendum, the allocation from the building operating budget set aside for building projects was a figure not to exceed \$150,000/building/year. After the referendum, due to increased square footage and higher construction costs, the allocation was increased to a figure not to exceed \$200,000 (which is about 6.5% of the total building budget).

Gary Freund and John Finan will be at the board meeting to discuss their recommended projects and answer any questions. Once approved, projects will go out to bid and work will be completed during the summer of 2010.

**SPECIAL BUILDING PROJECTS 2010-2011**  
**Glenbrook North**

**IMC Instructional Technology / Publications Reconfiguration**

**\$80,000**

The area of the IMC that currently houses our instructional technology department will be reconfigured as a professional learning center. It will provide a professional development and training space for staff, reflective of the collaborative nature of 21<sup>st</sup> century teaching and learning and will incorporate design concepts gained from our visits to Apple and Google. Students will be able to seek assistance on digital storytelling, design and other technology-rich projects or assignments and will be provided with collaborative mobile computing work spaces. Our instructional technology trainer will be stationed at the genius bar and the instructional technology offices will be located within the center. The district service desk personnel along with our three building technicians will move into A150h. The library will annex classroom A102 which will serve as the non-computing library book discussion room. The publications work room will have the partial wall partitions removed, creating a more open and collaborative work space for small groups that suits the shift from desktops to a mobile computing environment. (See Drawing A1)

**Wireless Clock System**

**\$10,000**

This system will replace our antiquated school clock system and eliminate the need for daylight savings and other manual clock adjustments. The installation of a wireless transmitter and GPS receiver will ensure accurate time synchronization with existing Simplex master clock and National Time Master clock.

**Fine Arts Photo Lab Renovation**

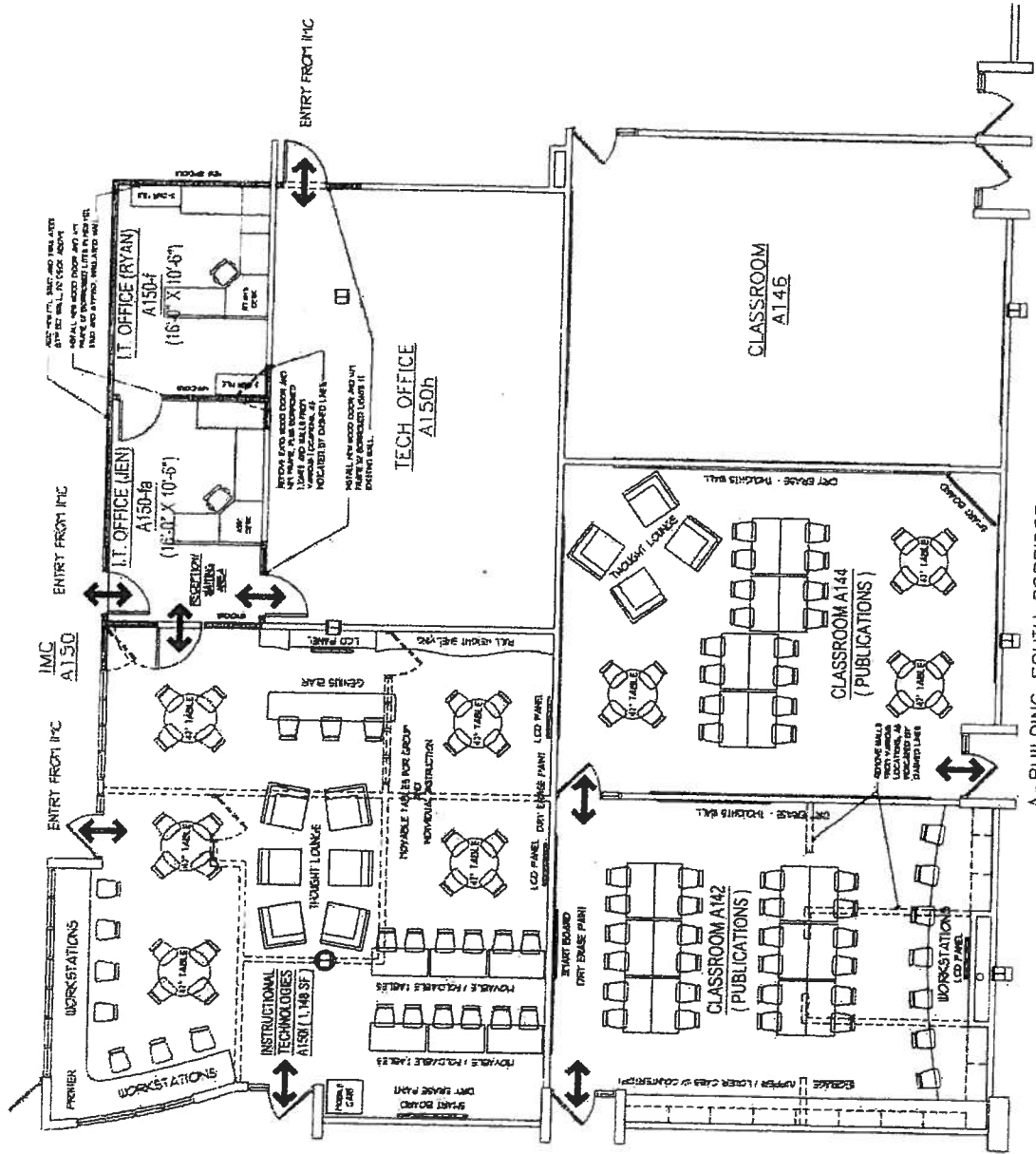
**\$4,736**

The current configuration of the photo lab allows for photography and graphic design to be taught in this space. This project will increase instructional space and allow the Fine Arts department to offer art studio classes in this space in addition to photography and graphic design. This project is tied into a forthcoming capital outlay request for mobile locker stations that, along with the added instructional space, will facilitate a more flexible and collaborative teaching and learning environment. There will be no loss of storage space. (See Drawing SK-Pa)

**TOTAL EXPENDITURES FOR GBN**

**\$94,736**

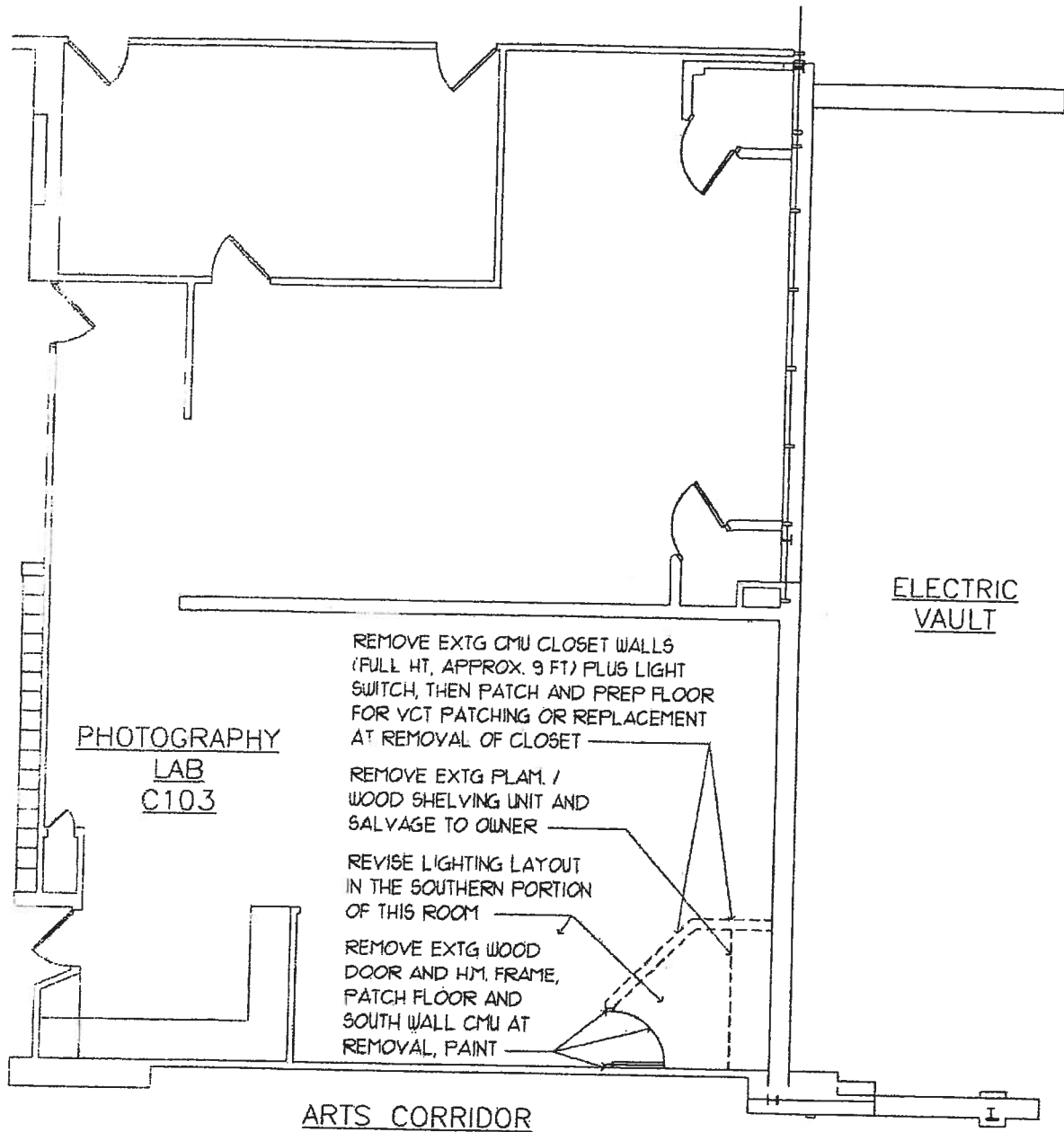




**A1 IMC AREA - TECH AND PUBLICATIONS REMODELING**

Glenbrook High School District 225  
 Interior Remodeling at Glenbrook North High School  
 Project No. 09131  
 February 12, 2010





**A FINE ARTS - PHOTOGRAPHY LAB - CORNER**  
 1/8" = 1'-0"



Project Name: PHOTO LAB - CLOSET REMOVAL Project No: 09151  
GLENBROOK NORTH HIGH SCHOOL Ref. Dwg. AL0  
 Description: PHOTO LAB REMODELING Drawn By: MDS

Date: 12-02-09

**SK-Pa**

Sheet      of

**SPECIAL BUILDING PROJECTS 2010-2011**  
**GLENBROOK SOUTH**

**Four Autoshop Overhead Doors**

**\$18,400**

This project replaces four overhead garage doors and motors in our auto shop.

**Graphics Lab**

**\$24,800**

The current lab is a rectangle with computers facing the teacher along the long walls with casework that is falling apart. This project installs new casework and rewires the lab for better visibility so the students are facing the teacher and the screen using the shorter part of the rectangle.

**Field Irrigation**

**\$24,000**

This project irrigates the fields west of the stadium which serve Physical Education, fall football and spring soccer. We need irrigation regardless of turf because the fields get torn up and we continually need to get seed to germinate. We are not able to accomplish this under our current system.

**Temperature Controls to Mens and Womens Coaches Showers**

**\$64,000**

In the Main Gym, Lower Level, the current coaches' showers are provided tempered water (blended hot and cold water to a pre-set temperature).

Currently fifty people use these showers daily and their number one complaint is that they cannot control just how hot, or how cold, the shower water is that they use, which at times can be very cold or very hot.

This new work will bring a new hot water line to the coaches shower rooms, as well as provide mixing valves at each shower head, thus allowing for individual water temperature control at each shower. There are twelve men's and women's showers effected, plus the new hot water line must come from the heated water supply, which is in the southeast corner of the lower level, all the way to the northwest corner of the lower level where these coaches showers are located.

**\$10,000**

The wall surface of the men and women coaches' locker room shower areas are currently painted cement block. These areas are used on a constant basis leaving the walls wet most of the time. This causes the walls to peel and to become discolored on a regular basis. The installation of ceramic tile on these walls would allow for easy cleaning and maintenance.

**Auditorium Basement Bathrooms Remodel**

**\$16,000**

The boys and girls bathrooms located under the auditorium stage area are in desperate need of renovations. This project removes the existing asbestos floor tile and installs new ceramic tile as well as new sinks and toilet partitions.

**TOTAL EXPENDITURE FOR GBS**

**\$157,200**

**DISCUSSED at FALL, 2009 FACILITY MEETING**

**BUILDING PRIORITY LISTS**

**NOTE:** Stadium field turf and track replacement will be discussed at the 10/26/09 board meeting for a potential summer 2011 project. As part of this project \$55,000 for MWRD work is recommended for this current year.

**GLENBROOK NORTH – BUILDING PRIORITY LIST**

- |   |             |
|---|-------------|
| 1. Stadium field turf and track replacement     | \$1,800,000 |
| 2. Coaches (M) locker room renovation           |             |
| 3. P.E./Athletics office space remodeling       |             |
| 4. Campus general restroom renovation           |             |
| 5. Student Activities hall renovation           |             |
| 6. Relocation of garage building/fuel tank      |             |
| 7. Multipurpose athletic space (wrestling/dance |             |

**GLENBROOK SOUTH – BUILDING PRIORITY LIST**

- |   |                       |
|---|-----------------------|
| 1. Stadium field turf and track replacement   | \$1,800,000           |
| 2. Maintenance expansion  | \$250,000 - \$500,000 |
| 3. Tear down maintenance garage, add parking lot,<br>and construct morton building by stadium | \$300,000             |
| 4. Stadium bathrooms  | \$270,000             |

### **SMALL BUILDING PROJECTS – SPEND APPROX \$200K/BUILDING/YEAR**

**NOTE:** In January 2010, the buildings will bring their recommendations for FY 10/11 small building projects. Each building spends approximately \$200,000 on small building projects each year.

#### **GLENBROOK NORTH – SMALL BUILDING PROJECTS**

1. Main gym lobby renovation (wall of fame/south trophy cases)
2. Library/IMC renovation (shelving, seating, training space)
3. Fine Arts photo lab renovation
4. Batting cage ceiling suspension system on shelf
5. Sound treatment for Fine Arts areas
6. Public address system upgrade
7. Metals shop renovation
8. Courtyard design (deck/gazebo and landscaping)

#### **GLENBROOK SOUTH – SMALL BUILDING PROJECTS**

1. IMC middle section remodeling – (perimeter remodeled summer of 09).
2. Guidance expansion into old print shop space
3. TLS 3<sup>rd</sup> classroom (2012 – 2013)
4. Graphics lab remodel (\$25,000)
5. Bring temperature controls to coaches locker room showers (\$62,000)
6. Four Auto shop overhead doors (\$18,354)
7. Bathrooms remodeling
8. Athletic offices to existing storage area off of fieldhouse/fitness center lobby
9. Team rooms/storage under home stands (Booster Club Contribution)
10. Refinish original interior doors
11. Paint café window panes (\$8,200)
12. Paint upper window panes in both pits (\$6,500 per pit/ \$900 above windows)
13. Install irrigation system for the Athletic fields (similar to the one at North)

## **ENERGY SAVINGS LIST**

**NOTE:** Following is a list of energy savings ideas generated by the buildings. Currently the items are under review and nothing is slated yet for summer 10/11.

### **GLENBROOK NORTH – ENERGY SAVINGS LIST**

Pool Area

Lighting on pool deck

VFD for west pool filter pump

Solar panels (heating pool water)

Kitchen

Exhaust fan control

Lighting

Hallway bulb change (from 32 watts to 26 watts) 1600 fixtures x6 watts = 9600 Watts

Mandate Compact Fluorescents

Air Handlers

Install Heat Recovery Systems

Domestic Hot Water

Decentralize

Replace Boiler & Storage Vessel


### **GLENBROOK SOUTH – ENERGY SAVINGS LIST**


Electrical Items

- 1) Re-switch the hallway lighting so we have the ability to use half or all bulbs in fixtures as well as be able to bypass the light sensors on the weekends and holidays.
- 2) Change the “Main Gym” lighting over to 277v; this can be done utilizing the existing fixtures by changing out a transformer and rewiring the multi tap light ballasts.
- 3) The following areas are still 110v lighting and should be changed to high efficiency 277v lighting –
  - a) The IMC
  - b) Field House hall, lobby and storage rooms
  - c) East “Camosy” wing, rooms 100 to 116 and hall on the first floor, and 200 thru 207 and hallway on the second floor.
  - d) Half of the woodshop, woodshop classroom, bookstore and room 600.
  - e) Investigate other areas around the building as well.
  - f) Re-switch the parking lot lights to two zones (one inner perimeter and one outer) so the building area will remain lit without illuminating the outer parking lots.

AGENDA ITEM # \_\_\_\_\_

**GLENBROOK HIGH SCHOOLS**  
**Regular Meeting – Monday March 9, 2009**  
**District Business Office**

**TO:** Dr. Craig A. Schilling 

**FROM:** Kimberly L. Ptak 

**DATE:** March 9, 2009

**RE:** **DISCUSSION/ACTION: 2009/10 BUILDING PROJECTS & CAPITAL OUTLAY**

It is recommended that the Board of Education

Approve the Building Projects and Capital Outlay for Glenbrook North and Glenbrook South, per the attached.

**Background**

Building Projects

Each year, as part of the development of each building's operating budgets (the discretionary funds for each building); they compile a list of building projects, which they wish to complete. While, large projects are generally approved and funded by the Board of Education, there are, usually projects that are not funded and/or relatively small. Building level administrators generate a list of these projects for submission to the Board of Education and inclusion in their operating budgets. The list reflects building level administrative priorities.

Capital Outlay

In addition, as part of the budgeting process, capital outlay requests are submitted each year for approval by the Board of Education. The district's established threshold for a single item, to be considered a capital outlay, is \$2,500.

Building administrators will be present to answer any questions of the Board on Monday night.

## **Glenbrook North** **Summer Building Projects 2009-2010**

### **Interior Security Camera Purchase and Installation** **\$5,000**

These funds will cover the purchase of 3 additional cameras for existing DVRs along with the set-up and installation charges.

### **New Lobby Entrance FOB Card Reader** **\$9,200**

The card reader at the new lobby entrance needs to be installed for staff access at this location. This was not included as part of the construction project Ingersoll Rand work.

### **Doors in L shaped hallway by CPA/west end of F wing** **\$12,000**

These doors are currently non-functional and must be chained in order to keep them closed. They must be replaced.

### **Fitness Center / E Hallway Renovation** **\$20,000**

This high traffic area is in need of improved lighting and replacement of ceiling tiles. This project will be completed by our own maintenance staff.

### **Main Gym Windows** **\$15,000**

The glare and sunlight that enters the western and southern exposure windows in the main gym is problematic for athletic events and P.E. classes. Although the natural lighting is a wonderful feature of the main gym, it is necessary to eliminate the glare during certain times of the year and at certain times of the day. All windows will be fitted with manually operated drapes that can be drawn to allow natural sunlight or closed for competitions and all-school assemblies that utilize video presentations.

### **Welding / Metals Room Renovation** **\$15,000**

The welding/metals room requires some updating that includes the replacement of items such as the 18 welding grates and firebricks in welding stations, all outdated Miller Arc welders, gas regulators, torches and hoses at each workstation. In addition, the renovation includes the repair of grinders, windows, walls and flooring. This project is supported by the inspection and subsequent recommendations made by Wzorek Consulting.

### **Midi lab power pole installation** **\$8,530**

The configuration of the electronic music lab requires the installation of a power pole that will run through the center of the lab, allowing the center workstations electrical access in addition to the workstations along the wall. All workstations then need to be tied into an instructor control station.

### **Directional Signage** **\$15,600**

With the conclusion of the construction project, it is necessary to continue the directional signage project begun in 2007-08. This will improve traffic flow patterns in the building and allow for parents and visitors to easily locate events scheduled in various parts of the building. It will also allow our freshmen students to navigate and quickly acclimate to



their new school. Further, it will provide a uniform signage plan in the building as we currently have a mix of old and new signs.

**Music Library Flooring**

**\$5,000**

The carpet flooring that was installed in the music library makes it nearly impossible for the average person to pull out the extremely heavy storage cabinets. The flooring will be changed from carpet to VCT.

**College Resource Center Bathroom Modifications**

**\$12,000**

The college resource center bathroom now opens into the center as opposed to the previous hallway entrance. This has created issues as resource center visitors are exposed to the sounds and odors of this bathroom as there is no privacy partition to separate the general reception area of the center from the bathroom. The best solution is to relocate the bathroom entrance to the hallway.

**TOTAL**

**\$117,330**

**Glenbrook North**  
**Capital Outlay Requests 2009-2010**

**Clear Com Communication System**

(Broadcasting)

**\$2,800**

This system replaces current intercom system which does not interface to new camera and no longer functions. Director can't be heard by camera operators. The current system is no longer repairable. This system would be for the TV studio. This includes base station, belt pack for camera operators, headsets, and interface modules. The request is for 2 of these systems @ \$2800 each.

**Broadcast Camera** (Broadcasting)

**\$18,000**

Request is for 2 JVC 250 HD Studio cameras \$18,000 ea. - The current studio cameras were purchased in 1993 and went out of production in 1998. There are no longer replacement parts for critical components. Last fall one camera was out three months having every capacitor replaced. One of the cameras was down for a month this school year. Another camera has intermittent problems that are not repairable. The full studio package per camera is \$18,000. This is comparable to what we paid for our current cameras. There are no other cameras in this price and performance range. The broadcast club account purchased one camera last year with the understanding the school would pick up the cost of the other two cameras. These units are all B-Stock units, which mean that they have been used as demo units. They have all been completely checked and carry a full warranty. By purchasing B-Stock the units are more than 30% off.

**Wenger Guitar storage cabinets** (Fine Arts)

**\$4,091**

The storage cabinets are needed due to the addition of class guitar to the music curriculum. The proposed cabinets are the same ones that GBS has. The price includes freight.

**Electric Kiln (Art)**

**\$2,565**

The Ceramic Studio currently has two electric kilns that work really well and two other kilns that are functioning very poorly. One (Skutt 1227) is on its way to the graveyard and the other one (Orton) is already there. Justin's kiln repair person (Neil Estrick) has agreed with him that it is not repairable (cost effective) anymore and should be replaced. The two kilns that we have are fired weekly to keep up with student work. Every ceramic art piece needs to be fired twice: first in a bisque firing, then in a glaze firing. As a kiln ages the soft brick on the interior begins to deteriorate which causes the elements to dislodge and fire at inadequate temperatures. Only one kiln can be used for the higher temperature glaze firing. Without a rotation of this high firing, the "newer kiln" will break down quickly. The estimation for the "useful" life of one of our kilns is three - five years. The two kilns that are functioning poorly are over fourteen years old. Through curriculum modifications and costly repairs we have kept them working. But now the Orton kiln cannot even function at that level. It is now imperative that at least the Orton kiln be replaced.

**Auto Shop Garage Doors**

**\$10,000**

The auto shop garage doors are not repairable and the two doors and openers need to be replaced.

**1 - Sousaphone - Yamaha YSH-411**

**\$3,000**

We currently have 4 sousaphone players in marching band. 2 use newer instruments, one uses an instrument borrowed from GBS (which they will need back next year) and one uses an instrument that is over 30 years old and is literally held together with duct tape.

**TOTAL CAPITAL OUTLAY REQUESTS**

**\$40,456**

**SPECIAL BUILDING PROJECTS 2009-2010**  
**GLENBROOK SOUTH**

**Titan Learning Center/IMC/Print Shop/Conference Room Reconfiguration**

The reconfiguration of the TLC and IMC incorporates new understandings of how libraries can be designed for increased student learning. The newly designed facility will bring together technology, library services, and academic support for students. Changes to this space will enhance and extend the ability of the IMC/TLC to support teaching and learning. The overall goal of the reconfiguration is to improve services to students by providing an academic environment that supports the way students work. In addition, we are furthering our commitment to professional learning by creating an adult learning space in the Professional Learning Center. The reconfiguration will:

1. Provide capacity for the increased student use of the TLC.
2. Enable direct access to the TLC from the hallway rather than disturbing instructional activities in the IMC.
3. Create a new shared classroom that will be utilized by the TLC and IMC staff to meet current instructional needs.
4. Establish two new student conference rooms that serve current needs for collaborative work within the IMC.
5. Provide a new Professional Learning Center for direct instruction and a space that supports collaboration between faculty and the Instructional Technology staff.
6. Group flexible computer labs together in the IMC which allows one lab manager to easily aid students and staff in all three.
7. Locate the print shop centrally near the mailroom and the main office.
8. Create study hall access by students within the unscheduled area.
9. Establish needed space for guidance personnel who are currently sharing 10 by 10 offices (social work and psychology interns and externs Hispanic & Korean liaisons) in the rest of the existing print shop.

**Titan Learning Center/IMC Reconfiguration**

**\$68,000**

The student use of the TLC requires additional space. After analyzing numerous locations, we recommend the north west corner of the IMC as the expanded location of the TLC. This creates a domino effect because the TLC will displace the IMC offices. The IMC offices, a new shared classroom and two new student conference rooms move to the northeast corner where an existing IMC computer lab is located. The computer lab will move to the south end of the IMC using some of the existing print shop space. The training lab will move to the current location of the TLC and will include a computer lab and an informal conference area. This project includes new cabinetry, carpet and walls. We will reuse our demountable removable walls in most places and we will complete the electrical, ceiling tiles, and painting utilizing our maintenance staff. See attached drawing A for the reconfiguration and attached drawing C for the current layout of the IMC.

**Titan Learning Center/IMC HVAC**

**\$71,000**

The IMC is controlled by two air handlers. The northern air handler cannot accommodate the extra occupancy created by moving the TLC to the northeast corner of the IMC. However, the southern air handler has extra capacity. Therefore, the additional capacity on the southern air handler will be utilized to increase the air flow. This work also includes fire alarm detectors, clocks, and speaker work.

**Print Shop/Conference Room**

**\$33,000**

The print shop will move to the west side of room 167 (an existing study hall) along with a medium sized conference room (30 to 40 people) on the east side. The existing study hall will move to room 166 (an existing conference space). See attached drawing B.

**TOTAL EXPENDITURE FOR GBS**

**\$172,000**

**CAPITAL OUTLAY REQUESTS 2009/2010**  
**GLENBROOK SOUTH**

**Flower Cooler**

**\$4,950**

A flower cooler is a specially designed horticulture refrigerator used to extend the life of flowers and flower arrangements by maintaining a specified temperature and humidity level. With 10 or more sections of horticulture offered over the past several years, this cooler has been and continues to be used extensively. The present cooler, which is approximately 25 years old, has been failing for the past year. Although it has been repaired once within the last year, we believe it is time to purchase a new cooler. This capital request is to replace the present unit with a similar cooler. The "Floral Long Door Two Cooler" from Bush Refrigeration is the proposed replacement cooler.

**Gator HPX 4x4**

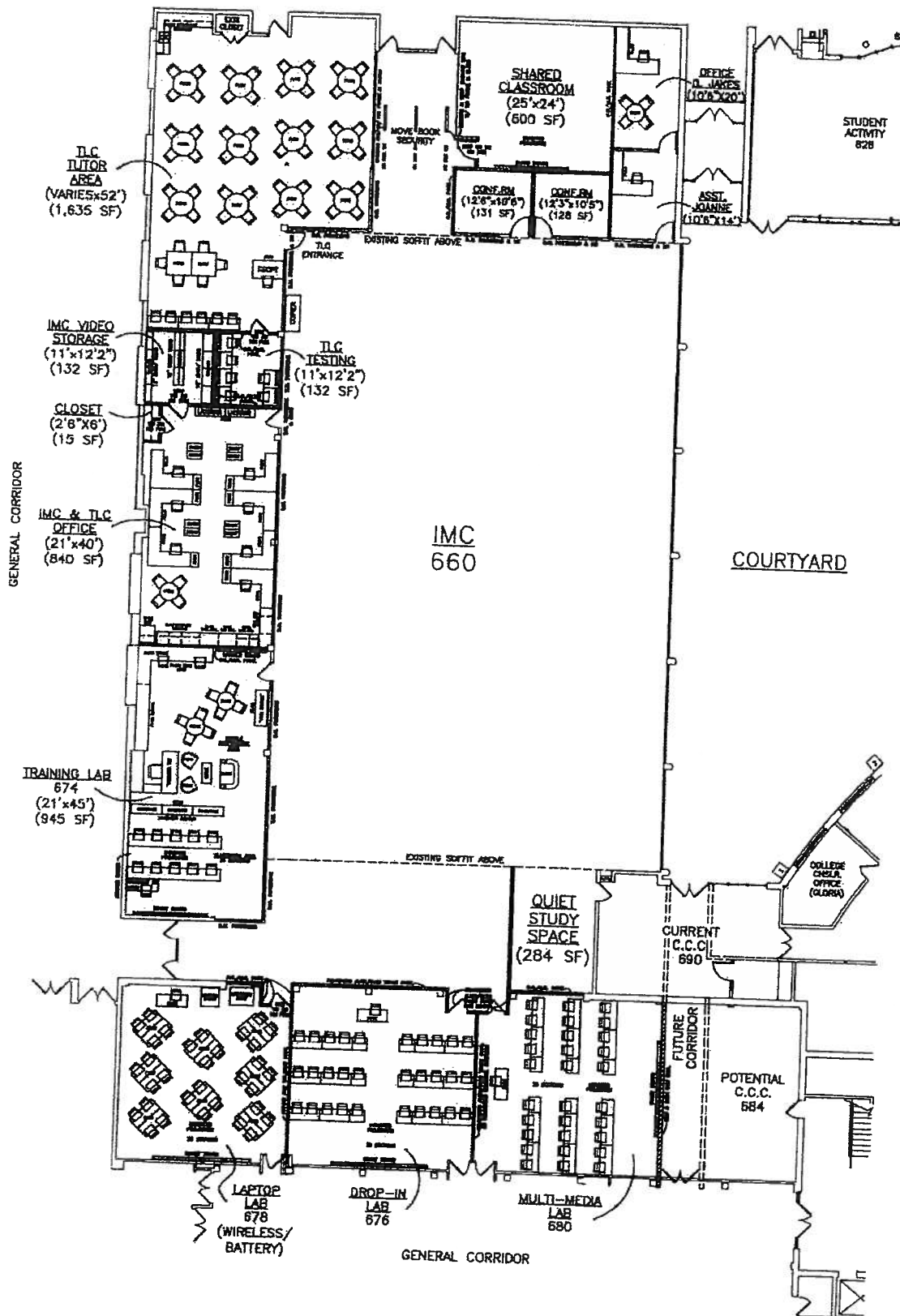
**\$8500**

The John Deere Gator will be used all year long. It will be used as a grounds utility cart replacing a lighter duty golf cart during spring, summer and fall. In the winter, the Gator equipped with a cab and plow will be used to clear snow on the walkways. The machine that was utilized to plow the walkways no longer works.

**17" 2.66 GHZ MacBook Pro**

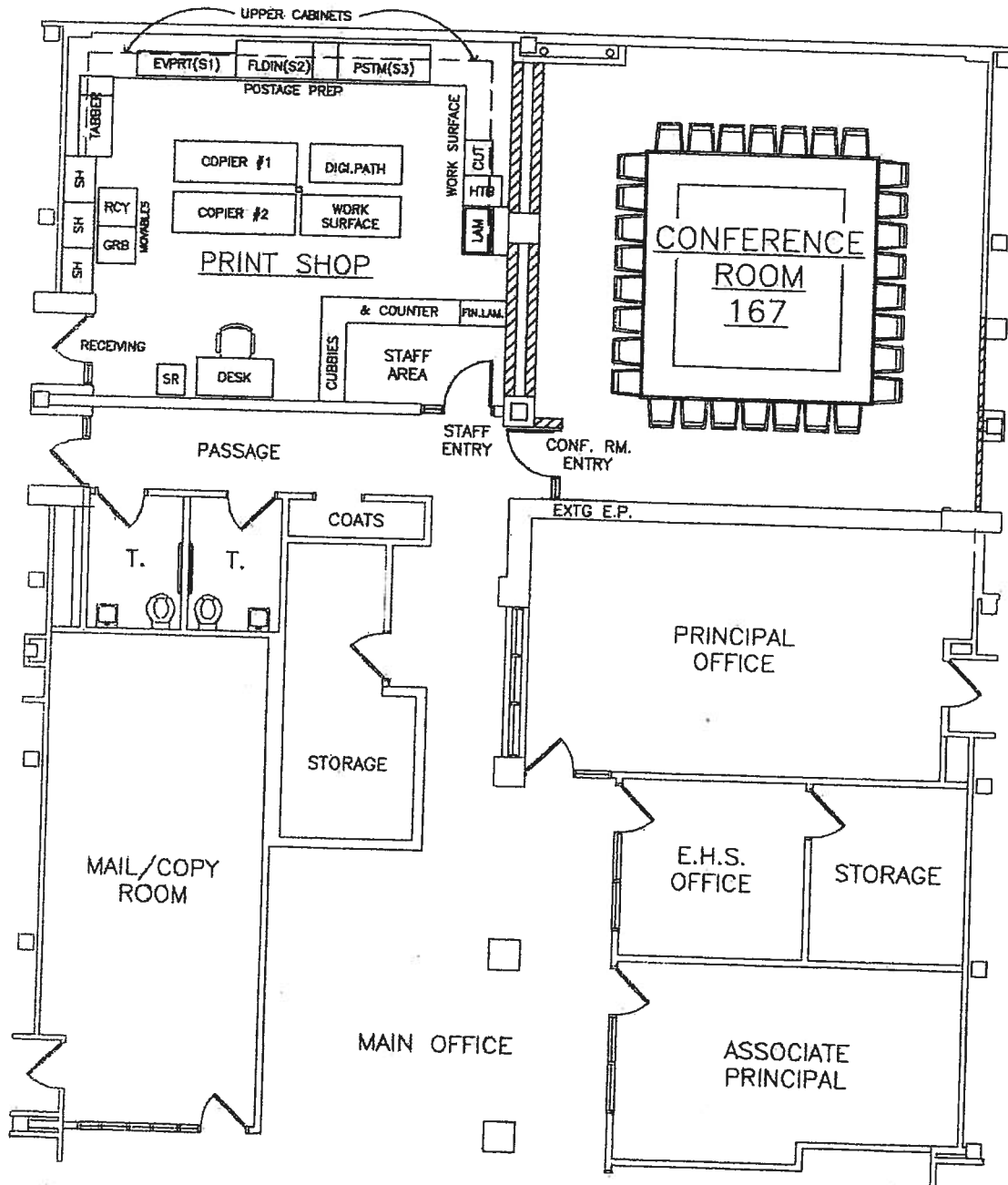
**\$4,098**

The MacBook Pro 17" Laptop computer is Apple's fastest, most powerful computer. Acquiring this computer will allow television production students to complete high-end editing work ("high end" meaning editing with special effects, motion graphics, and animations) at a location other than the GBS-TV facility. Students will be allowed to check the computer out for overnight or weekend use. As GBS-TV grows and the sophistication of video editing software increases, equipment becomes more portable, it is important to make editing stations available to students beyond the regular school day.



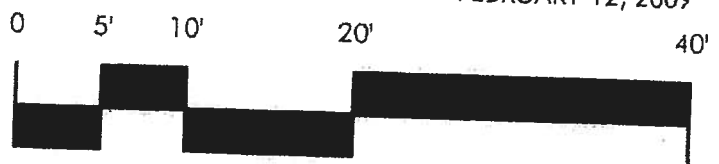
**A GBS - IMC / TLC RECONFIGURATION**  
FEBRUARY 12, 2009

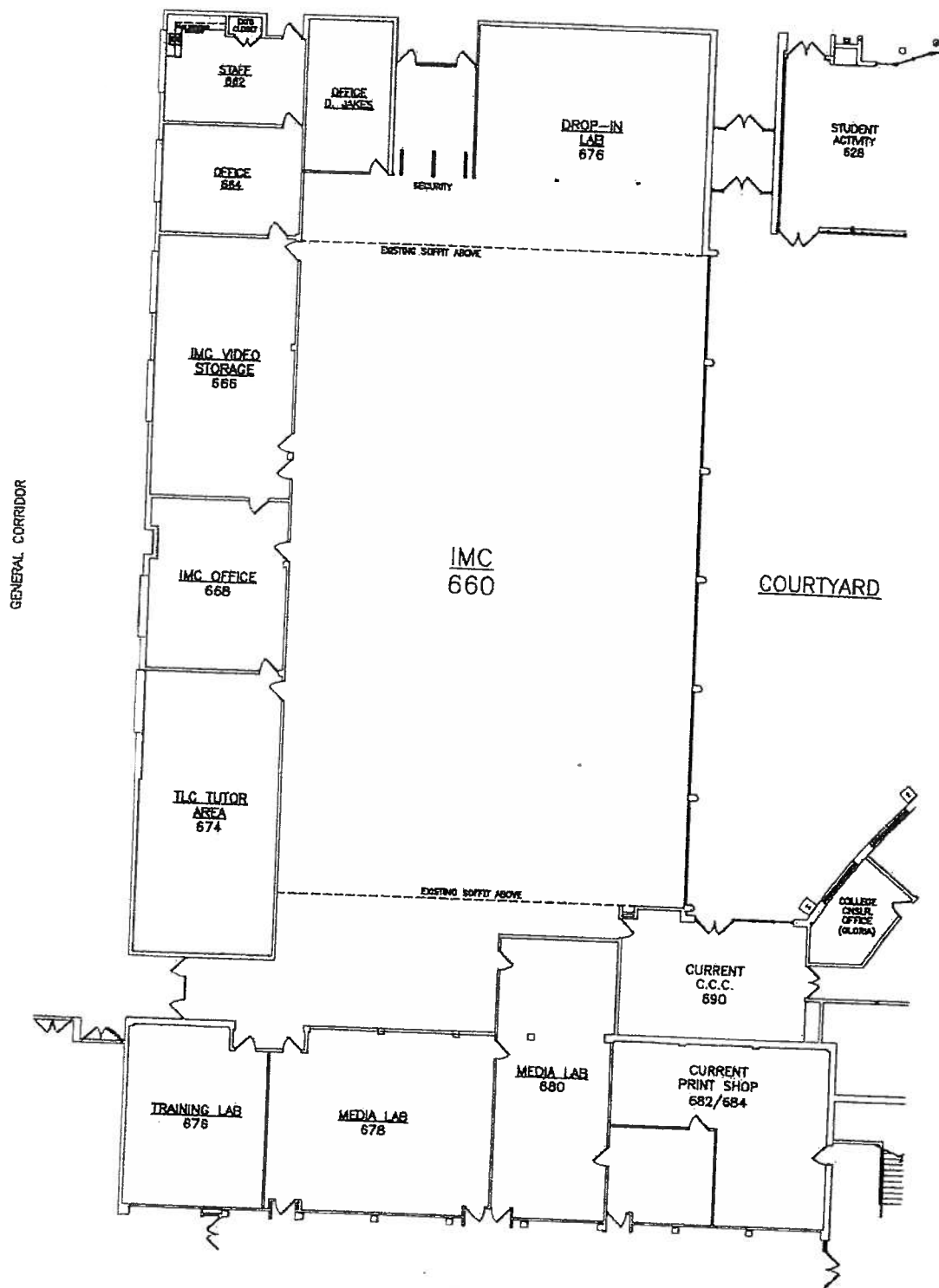




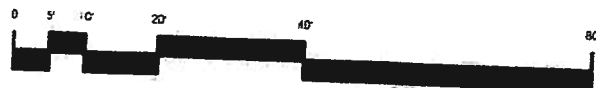
## **B GBS - PRINT SHOP / CONF. RM. RELOCATION**

FEBRUARY 12, 2009





**C GBS - IMC / TLC - EXISTING LAYOUT**  
FEBRUARY 12, 2009



**GLENBROOK HIGH SCHOOLS**  
**Regular Meeting – Monday February 25, 2008**  
**District Business Office**

**TO:** Dr. Craig A. Schilling

**FROM:** Kimberly L. Ptak

**DATE:** February 25, 2008

**RE:** **DISCUSSION/ACTION: 2008/09 BUILDING PROJECTS & CAPITAL OUTLAY**

It is recommended that the Board of Education

Approve the Building Projects and Capital Outlay for Glenbrook North and Glenbrook South per the attached.

**Background**

**Building Projects**

Each year, as part of the development of each building's operating budgets (the discretionary funds for each building), they compile a list of building projects, which they wish to complete. While, large projects are generally approved and funded by the Board of Education, there are, usually projects that are not funded and/or relatively small. Building level administrators generate a list of these projects for submission to the Board of Education and inclusion in their operating budgets. The list reflects building level administrative priorities.

**Capital Outlay**

As part of our budgeting process, capital outlay requests are submitted each year for approval by the Board of Education. The district's established threshold for a single item, to be considered a capital outlay, is \$2,500.

Building administrators will be present to answer any questions of the Board on Monday night.



**BUILDING PROJECTS 2008/2009**  
**GLENBROOK NORTH**

**Athletic Practice Fields (final of 3)****\$30,000**

Continued improvement of practice fields including drainage installation, irrigation zone adjustment, laser grade with center crown and 1.5% pitch to each sideline, hydro seed (weather permitting).

**Men's Coaches Locker Room****\$40,000**

This alternate project from the referendum initiative includes masonry work, lockers and paint as the first phase of rehab.

**TOTAL BUILDING PROJECT EXPENDITURE****\$70,000**

**CAPITAL OUTLAY 2008/2009**  
**GLENBROOK NORTH**

**Furniture****\$200,000**

Furnishing all of the new classrooms, offices, and common areas with furniture and window treatments. This amount will supplement the furniture allotment of \$70,000 in the referendum funds.

**TOTAL CAPITAL IMPROVEMENTS****\$200,000**

**BUILDING PROJECTS 2008/2009**  
**GLENBROOK SOUTH**

**Courtyard Pad & Sidewalks****\$87,000**

Students are now able to use the courtyard as a result of the opening of the student activities center. This project removes the existing crumbling concrete pad and installs a brick paver pad and sidewalks similar to GBN's courtyard. See attached drawing.

**Carpeting****\$55,000**

The carpeting will be replaced with our new "green" carpeting in classrooms 100, 101, 223, 266, 270, 414, 423, 450, 554 and Art and Music offices that are very old and worn.

**Replace Damaged Glazed Block With Brick****\$7,000**

This project removes the damaged glazed block in the music/auditorium hallway with brick.

**TOTAL EXPENDITURE FOR GBS****\$149,000**

**CAPITAL OUTLAY 2008/2009**  
**GLENBROOK SOUTH**

**Electric Kiln EF-10****\$14,440**

The interior firebricks in our EF-10 Kiln have severely deteriorated due to firing over a thirty-five year period. We no longer can fire ceramic work to glaze temperature (2300 F degrees) or bisque temperature (1800 F degrees), which severely limits the kiln's usefulness.

**2 Sony Digital Cameras (TV Station)**

\$3,200 each

**\$ 6,400**

Most of the video we shoot from our TV Station is with these small yet very dependable high-resolution camcorders. In this high quality program, students are always being challenged to produce more and better productions; therefore, our cameras are in constant use and experience a great deal of wear and tear. Additional cameras provide more opportunities for students to work faster and with higher degrees of professionalism.

**Yamaha Double Horn****\$ 3,217**

Each year a number of aging instruments are replaced in band or orchestra. This double horn will be used in band. It is extremely important that we continue this cycle, which allows us to spread costs over several years.

**Foam Scrubbing Machine****\$24,000**

The existing equipment used to clean the field house floor is a Tennent 510 floor scrubber that was purchased at the time the field house was completed and opened in 1991. This machine has become undependable and very expensive to repair. The life expectancy of this machine was approximately ten to fifteen years, depending on usage and we are past that. The floor is scrubbed in-cycle nightly, which means this is a very high-use piece of equipment.

**TOTAL CAPITAL IMPROVEMENTS****\$48,057**