ADDENDUM NO. 1

Project: Auburn High School Field House Addition
Project Numbers: C1741

To: All Bidders

This addendum is issued to modify, clarify, or correct the original Project Manual and/or Drawings and is hereby made a part of the contract documents. Please attach this addendum to the Project Manual(s) in your possession. Please note the receipt of this addendum on the bid form. Bidders shall review changes to all portions of this work as changes to one portion may affect the work of another.

Attachments

1. Addendum Documents- Specification and Drawing Clarifications
To: All plan holders

Project: Auburn High School Field House Addition
Subject: Addendum No. 1

Owner: RPS 205
501 7th Street
Rockford, IL 61104

Architect: Hagney Architects, LLC
4615 East State St Suite 206
Rockford, IL 61108
Hagney Project No. 1741

This addendum forms a part of the Bidding and Contract Documents and modifies the original bidding documents: the Drawings dated 05.21.13, the Project Manual dated 05.21.13. Acknowledge receipt of this addendum in space provided on Bid Form. FAILURE TO ACKNOWLEDGE RECEIPT OF ADDENDA ON THE BID FORM MAY DISQUALIFY BID.

This Addendum may include revised Project Manual pages and/or Drawings that are to be inserted in the correct sequence in the Bidding Documents.

Text deleted from the Project Manual by this Addendum is indicated by overstrike. Example: Overstrike
Bold lettering indicates lines in which text has been modified or added by this Addendum.

Revisions to Drawings are identified by the Addendum number. Cross-check all revised documents with the following:

Pre-Bid Meeting Information
See attached pre-bid agenda, sign-in sheet and meeting minutes.

Federal Aviation Administration Information
See FAA diagram for Rockford cottonwood Airport approach surfaces, attached.

PROJECT MANUAL
The following new (sections are) (section is) issued herewith:

<table>
<thead>
<tr>
<th>Section</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

Hagney Architects, LLC
Addendum No. 1
A-1
The following sections are deleted:

<table>
<thead>
<tr>
<th>Section No.</th>
<th>Title</th>
<th>Pages</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>None</td>
<td>None</td>
</tr>
</tbody>
</table>

FOLLOWING EXAMPLE IS FOR THE REFERENCE METHOD. DELETE AND REWRITE FOR CURRENT PROJECT REQUIREMENTS.

The Project Manual is revised as follows:

Section 116623 Athletic Equipment:
Delete the following paragraphs in their entirety: Par. 2.15 Volleyball Standards, Par. 2.16 Standard, Protective Pads, Par. 2.17 Volleyball Net, Par. 2.18 Net Antenna and Par. 2.24 Track & Field (Scoreboard), Par. 2.26A Delay of Game Timers.

Add paragraph 2.10H TO GYM DIVIDER CURTAIN H) Between basketball courts, include option for 8'-0"H solid 22 oz vinyl.

Replace paragraphs 2.19 PROTECTIVE WALL PADDING with the following Paragraphs:
A) Model No. 4130 Class “A” Fire Rated Neoprene Foam Wall Padding by Performance Sports Systems, Noblesville, IN.
B) Standard Panels are 2’ wide by 6’ high. Custom sizes available— see size per drawings. Panels of 2” thick CR Safeguard fire retardant neoprene foam meeting ASTM E84 with Class A rating flame spread index of 25 or less, and smoke development index of 450 or less. Each panel shall be covered with 14 oz. polyester reinforced laminated vinyl and cemented to 7/16” OSB exterior grade wood panels with one-inch nailing margins at top and bottom (for securing panels to wall). Available in fifteen (15) standard colors (color to be determined by Architect). All cutouts in panels shall be made in field to fit job conditions.
C) Vinyl flammability rated as self-extinguishing by the California State Fire Code. Include available options: Custom Heights and Widths. Molded Wall Pad Cut Out kits: Model 4701 - Single Opening - 2 15/16" x 5 1/16", Model 4702 - Double Opening - 5 1/16" x 5 1/16"

At Paragraph 2.25 Basketball Scoreboard, delete all references to Nevo Model 2700-NL and refer to Nevo Inc. Model 2750. See product brochure, attached.

At Paragraph 2.26B Accessories: Electronic Team Names Vinyl “Home” and “Guest” caption plates only are acceptable. LED Electronic Team names are not required.

At Paragraph 2.26 Accessories 7.8 D Control Center Replace “Model MPC” with “Model MPCW”.

Control design intent for scoreboards and curtains: The ability to control four separate games independently at the same time.
**DRAWINGS**

**Drawing Changes:** The Drawings shall be changed as follows:

- **AHS 1741-A1.1** Partial First Floor Plan, Area A--Section drawings near lobby annotated in floor plan.
- **AHS 1741-A3.22** Building Sections, Sheet Three--Building section annotation cut tag revised. Lobby 1400 interior elevation updated to show brick rowlock header course and updated display case information.
- **AHS 1741-A3.42** Wall Sections, Sheet Twelve--New wall sections at lobby shown.
- **AHS 1741-A3.43** Wall Sections, Sheet Twelve--New wall sections at lobby shown.
- **R-AHS S1.1.A** Partial Foundation Plan, Area A--Revised layout.
- **R-AHS S1.2.A** Partial Low Roof Framing Plan, Area A--Revised layout.
- **R-AHS S5.4** Framing Details--Revised detail.
- **AHS-P2.1.3** Revise drawing per attached Sketch R-AHS P2.1.3.1.
- **AHS-FP1.1.1** Revise drawing note 9 to read as follows: “9. 6” incoming fire protection water service with 6” gate valve and wall indicator post. Refer to fire protection water service detail elsewhere for additional information.”
- **AHS-FP1.1.1** At Design Criteria Notes, revise second sentence of first paragraph to read “Contractor shall provide a complete hydraulically calculated and operating sprinkler system to the new addition.”
- **AHS-FP4.1.0** Revise Fire Protection Water Service Detail per attached Sketch R-AHS FP4.1.0.1.

UNDER THE FOLLOWING HEADING, LIST PREVIOUSLY ISSUED DRAWINGS WHICH ARE BEING CHANGED AND REISSUED WITH THIS ADDENDUM. INCLUDE DRAWING NUMBERS AND FULL DRAWING TITLES.

**Revised or New Drawing Sheets are reissued herewith:**

- **AHS A3.42** Wall Sections, Sheet Twelve (New Sheet)
- **AHS A3.43** Wall Sections, Sheet Thirteen (New Sheet)

**Sketches:** The following 8-1/2” x 11” sketches, reflecting changes to indicated Drawings, are issued herewith (One page, unless noted otherwise):

- Pre-Bid Meeting Agenda dated June 18, 2013. (4 pages)
- Pre-Bid Meeting Sign-In Sheet dated June 18, 2013.
- Pre-Bid Meeting Minutes dated June 18, 2013. (3 pages)
- FAA diagram for Rockford cottonwood Airport approach surfaces
- Nevo Inc. Model 2750 Scoreboard (2 pages)
- Maxiforce™ Removable Bollard Cut Sheet MRSW-SS3-R
- **R-AHS A1.1**
- R-AHS A3.22 (A1/A3.22)
- R-AHS A3.22 (E10/A3.22)
- R-AHS S1.1.A
RPS 205 Additions - Renovations
Auburn High School

Addendum No. 1

Hagney Architects, LLC
Job #1741

R-AHS S1.2.A
R-AHS S5.4
R-AHS P2.1.3.1
R-AHS FP4.1.0.1

END OF ADDENDUM NO. 1
AGENDA

MANDATORY PRE BID MEETING
RPS Bid No. 13-34
Rockford Public School District #205
Additions-Renovations at Auburn Field House

LOCATION: Auburn High School
5110 Auburn Street
Rockford, IL 61101

PRE-BID DATE & TIME: Tuesday - June 18, 2013 @ 9:00AM

A. INTRODUCTION

01. Meeting Sign-Up Sheet

02. Date / Time / Place of Bid Opening
   a. RPS Bid Number: 13-34
   b. Refer to specifications front end documents for additional information
      1. Vernon Hilton, RPS Dist. #205  (815) 966-3096 / hiltonv@rps205.com

03. Owner: Rockford Public School District #205
   a. Todd Schmidt

04. Architect: Hagney Architect
   a. Frank St. Angel

05. Program Manager: Ragnar Benson Construction
   a. Paul Paolini, Project Executive
   b. Craig Elliot, Senior Project Manager

B. PROJECT PROCEDURES

01. Bid Date/Time: TUESDAY JULY 2, @ 2:00 P.M.

02. Tax Exempt

03. Bid RFI Procedure – Email Only
    All correspondence MUST be sent to Vernon Hilton @ hiltonv@rps205.com

04. Bid Documents - Architectural Plan Issue Date: 05/21/13

05. Performance & Payment Bond
AGENDA

MANDATORY PRE BID MEETING
RPS Bid No. 13-34
Rockford Public School District #205
Additions-Renovations at Auburn Field House

B. PROJECT PROCEDURES (continued)

06. Bidding Requirements
   
   a. AIA Prequalification Form #A-305
   
   b. 5% Bid Bond or a Cashier’s Check MUST Accompany the Bid
      
      NOTE: Bid Bond or Cashier’s Check made payable to the Owner not Hagney Architect
   
   c. Alternates
      1. Review of Alternates as spelled out in Section 12300 of Specifications
         Alternate No. 01 Locker Room Shell
         Alternate No. 02 Weight Room and Multipurpose Shell
         Alternate No. 03 Acoustical Deck at Field House
         Alternate No. 04 - Special Graphic in Precast Panel
         Alternate No. 05 - Wall at Proposed Health Clinic
      
      NOTE: All Alternates MUST Be Bid
   
   d. Unit Prices
      1. Removal of unsuitable soil and replacement with lean concrete. Cost per CY
   
   e. Allowances- 250 cy of removal and replacement to be included in base bid.
   
   f. Schedule
      1. Identify from NTP field verification time frame
      2. Clarification Forms
   
   g. Contractor’s responsibility to visit the project site and review contract documents BEFORE bidding the project. Additions visits to be coordinated through VERNON HILTON @ hiltonv@hrs205.com

07. Addenda Status

08. Faxed/Emailed Bids Will NOT Be Accepted

09. Nothing stated at the Pre-Bid meeting or any verbal/email/fax communication from anyone will Change the project documents, unless Addendum is issued by Hagney Architects. Minutes of the pre-bid meeting accompany an addendum.

10. Permits
AGENDA

MANDATORY PRE BID MEETING
RPS Bid No. 13-34
Rockford Public School District #205
Additions-Renovations at Auburn Field House

C. PROJECT OVERVIEW

01. Project Scope
   a. New field house and classrooms
   b. Cafeteria Addition
   c. Health Clinic
   d. Coordinate with ComEd for new service
   e. Temporary Partitions - Weather Tight Inside and Out-
   f. Maintain fire exits at all time
   g. Protect/Repair Existing
   h. Staging / Material Storage Requirements
   i. Access / Use of Building and/or Site
   j. Use of Utilities (restrictions)
      No impact upon existing facilities
   k. Working on Site (Site Noise, Safety, Hours Requirements)
   l. Mockups
   m. Tobacco Free

02. Phasing / Schedule
   a. Milestone Dates

   b. Board Approval: ................................................................. 07/09/13
   c. Notice To Proceed: ............................................................ 07/14/13
   d. Substantial Completion Date: ............................................ 08/01/14
   e. Final Completion Date: .................................................... 08/25/14
AGENDA

MANDATORY PRE BID MEETING
RPS Bid No. 13-34
Rockford Public School District #205
Additions-Renovations at Auburn Field House

D. PROJECT REQUIREMENTS

01. Meetings - Weekly
02. Testing - By Owner
03. Sexual Predator Documentation
04. Criminal History Documentation
05. Inspections
   a. Called Inspections
   b. State Plumbing Inspector
   c. City of Rockford - Fire Alarm
   d. City of Rockford - Fire Protection

E. GENERAL QUESTIONS

F. WALK THRU
<table>
<thead>
<tr>
<th><strong>NAME</strong></th>
<th><strong>EMAIL</strong></th>
<th><strong>COMPANY</strong></th>
<th><strong>TELEPHONE/CELL</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Erickson</td>
<td><a href="mailto:robert@sjcarlson.com">robert@sjcarlson.com</a></td>
<td>SJ Carlson</td>
<td>815-636-1993</td>
</tr>
<tr>
<td>Earl Wilsey</td>
<td><a href="mailto:earlwilsey@schneidingconstruction.com">earlwilsey@schneidingconstruction.com</a></td>
<td>Schneiding Const. Co.</td>
<td>815 397-7800</td>
</tr>
<tr>
<td>Jeff Rockhold</td>
<td><a href="mailto:jeffb@rstenstrom.com">jeffb@rstenstrom.com</a></td>
<td>Stenstrom G.C.</td>
<td>815-398-2420</td>
</tr>
<tr>
<td>Dave Dinges</td>
<td><a href="mailto:dave@rstenstrom.com">dave@rstenstrom.com</a></td>
<td>Stenstrom G.C.</td>
<td>815-398-2420</td>
</tr>
<tr>
<td>John Larson</td>
<td><a href="mailto:john@especialpower.com">john@especialpower.com</a></td>
<td>Special Power</td>
<td>815-962-1210</td>
</tr>
<tr>
<td>Patrice Gentile</td>
<td><a href="mailto:patriciescandido@construction.com">patriciescandido@construction.com</a></td>
<td>Scandido Construction</td>
<td>815-962-4037</td>
</tr>
<tr>
<td>Dave Roettger</td>
<td><a href="mailto:dave@roettger.com">dave@roettger.com</a></td>
<td>Belland Electric</td>
<td>815-229-1800</td>
</tr>
<tr>
<td>Jake Dijkstra</td>
<td><a href="mailto:djkstra@roosterconstruction.com">djkstra@roosterconstruction.com</a></td>
<td>LORD</td>
<td>815/941-3664</td>
</tr>
<tr>
<td>Kurt Schlenker</td>
<td><a href="mailto:kurt@gemsecon1998.com">kurt@gemsecon1998.com</a></td>
<td>Schlenker</td>
<td>815-871-6839</td>
</tr>
<tr>
<td>Jim Kruse</td>
<td><a href="mailto:jkruse@sjostromconstruction.com">jkruse@sjostromconstruction.com</a></td>
<td>Sjostrom &amp; Son's</td>
<td>815-226-0238</td>
</tr>
<tr>
<td>Greg Fisher</td>
<td><a href="mailto:gfisher@msaerock.com">gfisher@msaerock.com</a></td>
<td>Mid State</td>
<td>800 236 1072</td>
</tr>
<tr>
<td>Mark Buchko</td>
<td><a href="mailto:mbuchko@msaerock.com">mbuchko@msaerock.com</a></td>
<td>Mid State</td>
<td>800 236 1072</td>
</tr>
<tr>
<td>Kevin Peihl</td>
<td><a href="mailto:kevin@fridhconstruction.com">kevin@fridhconstruction.com</a></td>
<td>FRIDH</td>
<td>815/ 397-3550</td>
</tr>
<tr>
<td>Joe Cooper</td>
<td><a href="mailto:jcooper@cornerfloor.com">jcooper@cornerfloor.com</a></td>
<td>Connor</td>
<td>312/ 961-0125</td>
</tr>
<tr>
<td>Danielle Schlichting</td>
<td>dschlichtingentrakgroup.com</td>
<td>N-TRAK</td>
<td>815-519-5471</td>
</tr>
<tr>
<td>Chin Rejnejka</td>
<td><a href="mailto:chin@rocksportsports.com">chin@rocksportsports.com</a></td>
<td>Rockford Sportsports</td>
<td>815-634-6161</td>
</tr>
<tr>
<td>Frank St Ange</td>
<td><a href="mailto:franks@tenneyarchitecture.com">franks@tenneyarchitecture.com</a></td>
<td>Hagney</td>
<td></td>
</tr>
<tr>
<td>Paul Haasen</td>
<td><a href="mailto:paulh@tenneyarchitecture.com">paulh@tenneyarchitecture.com</a></td>
<td>Hagney</td>
<td>815-577-2335</td>
</tr>
<tr>
<td>Bill Laceyman</td>
<td><a href="mailto:bill@laceyman.com">bill@laceyman.com</a></td>
<td>Lyon Workspace</td>
<td>630 921-3088</td>
</tr>
<tr>
<td>Roger Stoeckel</td>
<td>roger@stoeckel@std@1@4@com</td>
<td>Stoeckel</td>
<td>815-623-7587</td>
</tr>
<tr>
<td>Chris Keyenga</td>
<td><a href="mailto:chris@rocksportsports.com">chris@rocksportsports.com</a></td>
<td>Rockford Sportsports</td>
<td>815-634-6161</td>
</tr>
<tr>
<td>Pac Pascini</td>
<td><a href="mailto:craig@blot.com">craig@blot.com</a></td>
<td>RBC</td>
<td></td>
</tr>
</tbody>
</table>

PRE BID

ATTENDANCE SIGN-IN SHEET

DATE / TIME: Tuesday - 06/18/13 @ 9:00 AM
LOCATION: 5110 Auburn Street / Rockford, IL 61101
DESCRPIPTION: RPS DIST. #250 - Bid # 13-34 - Auburn Field House
MINUTES OF THE MEETING

Date: Tuesday, June 18, 2013
Time: 9:00 AM
Location: Auburn High School
PROJECT NAME: Field House Addition
Bid Number: 13-34
Attendees: See Attached List
Meeting Purpose: Mandatory Pre-Bid Meeting

ITEMS DISCUSSED

1. Introduction by Paul Paolini of Ragnar Benson. Provided sign-in sheet for mandatory pre-bid meeting and made introductions. Craig Elliott is representative for district on this project.
2. Section B - Project Procedures: Bid Due Date is TUESDAY, JULY 2nd AT 2:00 P.M. AT THE SCHOOL DISTRICT OFFICE.
3. All RFI's/questions/correspondence are to be directed by e-mail to Vernon Hilton at "hiltonv@rps205.com". Questions and Responses will be listed on Addenda.
4. Addendum will be sent to the district for district Wednesday 6/19 and will include minutes of this meeting.
5. Contact Vernon Hilton (hiltonv@rps205.com) for additional site visits.
6. Drawings and specifications are dated 05.21.13
7. Paul provided brief overview of the alternates. Note that “Alternate No. 5” will be removed, as the wall in question will be revised to base-bid and change from an exterior wall with windows to interior CMU wall construction. This will be addressed in ADDENDUM #2.
8. The drawings indicate a “future” area north of the addition main entrance. This will be a 4000 sf+/- medical health clinic. Bidding is scheduled for September 2013, with a completion date in June 2013. Construction will take place simultaneously with Field House construction. Contractors will need to coordinate as required to facilitate the shared construction site. The clinic schematic floor plan will be provided with ADDENDUM 2 - “for reference only”.
9. Craig provided a brief overview of the project scope, construction staging area.
10. Egress from the existing building - at the areas of construction - will need to be maintained throughout construction. See sheet AHS-G1.02.
11. ComEd is installing a new underground service and setting a new switch. See the electrical drawings for connections and scope of work.
12. Normal working hours/ see spec.
14. Inspections: exempt from local, however will require third party inspections. Contractor is responsible to provide documentation and coordination as required to the inspector. The district is working with a third party inspection service.
15. Board approval is expected at the July 9th RPS#205 Board Meeting with “notice of award” and construction following as soon as possible. Completion Date is August 2014.
16. Due to the school’s location in relation to Cottonwood Airport- The FAA has been notified of the proposed school building and the proposed construction activity. While the “determination of hazard” is not yet complete, they have indicted an area of no crane use. We have requested a 200 foot boom, however a determination has not been
given. A drawing showing the trapezoidal runway approach surface will be included for reference in Addendum #1. **This will be addressed further in ADDENDUM #2**

17. Moisture in concrete is a concern with the schedule, it is the contractors responsibility to assure a "dry" slab for coordination and installation of flooring- specifically the field house synthetic athletic flooring.

18. Q: Permits required?  
   A: Yes: ROE (by district/Regional Office of Education), Fire Protection, etc. needed.

19. Q: Precast Concrete Certification required?  
   A: **This will be addressed in ADDENDUM #2**

20. Q: Use of district utilities?  
   A: Yes - gas, electric- use cost by district.

21. Q: Rock River Water Reclamation District connection/permit?  
   A: **This will be addressed in ADDENDUM #2**

22. Q: Pre-Qualification form?  
   A: Yes, it is requested and required.

23. Q: Precast Concrete wall panels- sample listed is not "honed" finish?  
   A: revise to "light sandblast finish" in documents

24. Q: Precast Concrete wall panels- interior finish?  
   A: "steel trowel" per drawings

25. Q: Precast Concrete wall panels- flush or surface mounted electrical conduit/boxes?  
   A: **This will be clarified in ADDENDUM #2**

26. Q: Masonry Brick Blend- can this be from one manufacturer?  
   A: Provide specified

27. Q: Water fire loop- fee?  
   A: **This will be addressed in ADDENDUM #2**

28. Q: C2.0 and C2.1- " concrete scoring pattern & finish of walk"?  
   A: Broom Finish w/3" "picture frame"

29. Q: C2.0 and C2.1- "removable Bollards"?  
   A: See information- ADDENDUM #1

30. Q: C2.0 and C2.1- "new fence"?  
   A: refers to the "construction fence", however see sheet C2.1- for existing fence work at the transformer location- note "remove and replace fence as necessary for grading"

31. Q: Toilet Partition Spec- "misc metals" included?  
   A: Partitions are floor mounted, miscellaneous metal provision not required.

32. Q: S1.100: Structural Drawing note "Note: Slab Control Joints optional...."?  
   A: Note to be revised: Slab joints will be required to be cut in the field house. Athletic flooring contractor responsible for preparation/treatment of slab joints and cracks.

33. Q: Corridor Lockers- single or double?  
   A: single per drawings (A5.12)

34. Q: Corridor Lockers- dimensions?  
   A: 72" high x 12" wide x 15" deep- w/continuous sloping top- on 4" CMU/resilient base

35. Q: Sheet AD1.0.A- "General Project Notes" cannot be read due to overlapping text?  
   A: **Will be clarified in ADDENDUM #2**

36. Q: If the alternate for the weight/multi-purpose room is not accepted- do the interior windows/doors still get installed?  
   A: No, if the alternate is not accepted- the doors/windows between the field house and alternate space are not part of the scope. Base bid is for the precast wall panels to allow for future openings (avoid strands in these future door/window openings). The alternate bid includes the interior doors/windows as shown on the floor plans.

37. Q: If the locker room or weight room alternates are accepted, are the exterior doors/windows included?  
   A: Yes, the alternates for the building "shell" includes the exterior doors/windows. See the documents for type/material/finish.
38. Q: Cut-off date for RFI's to be submitted to the district?
   A: Monday June 24th @ 1pm to Vernon Hilton.

39. Q: Supplementary Conditions- page 4, paragraph 4A ?
   A: This will be addressed in ADDENDUM #2

40. Q: Supplementary Conditions- “Minority requirements” not clear?
    A: while it is the goal of the district to meet these guidelines, state funding is not involved.
    This requirement does not apply.

41. Q: Since this is a mandatory pre-bid- is it possible for each contractor to receive notification of posted addendums by email?
    A: Will be brought to the districts attention.

42. Q: Can emailed RFI's to Vernon, have the architect CC'd ?
    A: No, only to Vernon. Do not CC the Architect.

43. Q: Ant-graffiti coating?
    A: See specification "99600 High Performance Coatings"

44. Q: "joist slots filled with insulation, by others?"
    A: General Contractor to provide insulation.

45. Q: Precast concrete sills at the window openings at the precast panels...these need to be by the mason...
    A: Revise any reference to “precast concrete” sills- to read “Limestone” sills. All sills will be limestone.

46. Q: "Illinois Use" tax referenced?
    A: This will be clarified in ADDENDUM #2

47. Q: Roller Shade locations?
    A: In general, they are to be included in the classrooms (and storage room 1414), cafeteria and office area. (Alt. Bid #1 and Alt. Bid #2 do not contain shades): further clarification will be given in ADDENDUM #2

48. Q: Concrete Moisture testing at the field house slab- specifications say every 200 sf...this is not the industry standard, typically every 1000 sf?
    A: We will require moisture testing- One(1) test every 1000 square feet- at the field house slab

The above summation is our interpretation of the items discussed and the decisions reached at the above referenced meeting. Any persons desiring to add to or correct the minutes are requested to put their comments in writing within ten days otherwise the minutes will stand as written.

Frank St. Angel, Project Architect
Hagney Architects, LLC

cc: All those present
Rockford Auburn High School

Runway 36 Part 77 20:1 Approach Surface
250' x 1,250' x 5,000'
(Utility / Visual)

7-1 Side Transition

Part 77

<table>
<thead>
<tr>
<th>Point</th>
<th>Out Distance</th>
<th>Side Trans.</th>
<th>Surface Elevation</th>
<th>Structure Height</th>
<th>Clearance (Penetration)</th>
</tr>
</thead>
<tbody>
<tr>
<td>NW</td>
<td>589.3</td>
<td>554.4</td>
<td>851.7</td>
<td>791</td>
<td>60.7</td>
</tr>
<tr>
<td>SW</td>
<td>932.9</td>
<td>514.4</td>
<td>865.1</td>
<td>791</td>
<td>72.1</td>
</tr>
<tr>
<td>SE</td>
<td>926.2</td>
<td>32.6</td>
<td>794.0</td>
<td>791</td>
<td>3.0</td>
</tr>
<tr>
<td>NE</td>
<td>578.3</td>
<td>73</td>
<td>781.3</td>
<td>791</td>
<td>-8.7</td>
</tr>
</tbody>
</table>

Threshold Siting

<table>
<thead>
<tr>
<th>Out Distance</th>
<th>Surf Elevation</th>
<th>Structure Height</th>
<th>Clearance (Penetration)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>791</td>
<td>791</td>
</tr>
<tr>
<td>NW</td>
<td>---</td>
<td>791</td>
<td>---</td>
</tr>
<tr>
<td>SW</td>
<td>---</td>
<td>791</td>
<td>---</td>
</tr>
<tr>
<td>SE</td>
<td>1528</td>
<td>809.4</td>
<td>791</td>
</tr>
<tr>
<td>NE</td>
<td>---</td>
<td>791</td>
<td>---</td>
</tr>
</tbody>
</table>

* Runway centerline determined by midpoints of the threshold markers visible on aerial images
** Runway end and threshold elevations determined off USGS digital elevation model data
*** Location of Part 77 approach slope based on 400' offset from displaced threshold markers as listed in 1CB Airport Master Record (5010)

Source: [32010200] USDA NAIP Aerial 2012

Rockford Cottonwood Airport
Runway 36 Approach Surfaces
Advanced timing features ideal for Basketball/Volleyball/Wrestling Facilities.

- Energy-efficient LEDs reduce power consumption and operating expense.
- Ability to retrofit team name caption plates.
- Bright, long lasting LED lamp banks when ordered with rear-lit team names.
- Large, 4” Bonus, Double Bonus and Possession Indicator digits included.
- Durable and lightweight cabinet design.
- Universal—syncs with Nevco accessories.
- Extended advertising opportunities.
- Lighted time colon and decimal; automatically adjusts to 1/10th of a second.
- Built-in Power Factor Correction.
- Includes basketball, volleyball and wrestling caption plates.
- Soccer available with MPCX and MPC7 series controls.
- Advantage Timer feature included with wrestling captions.

Combine your scoreboard with a Nevco monochrome or full-color message center to create a complete scoring and display system. Team/Sponsor signs also available.
**Model 2750 (Indoor) Basketball/Volleyball/Wrestling Scoreboard**

**SCORERBOARD/CONTROL OPERATING FEATURES**

<table>
<thead>
<tr>
<th>MODEL 2750</th>
<th>MPC WIRED</th>
<th>MPCW WIRELESS</th>
<th>MPCX WIRELESS</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>TIMING</strong></td>
<td>Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59, 1/10th seconds display during final minute.</td>
<td>Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59, 1/10th seconds display during final minute.</td>
<td>Bi-directional UP or DOWN count. Any number can be set between 0:00-99:59, 1/10th seconds display during final minute.</td>
</tr>
<tr>
<td>13&quot; Super Bright Red LED Digits</td>
<td>Displays 0-199</td>
<td>Displays 0-199</td>
<td>Displays 0-199</td>
</tr>
<tr>
<td><strong>TEAM SCORES</strong></td>
<td>13&quot; Super Bright Amber LED Digits</td>
<td>Displays 0-9</td>
<td>Displays 0-9</td>
</tr>
<tr>
<td></td>
<td>Bisected for each team.</td>
<td>Bisected for each team.</td>
<td>Bisected for each team.</td>
</tr>
<tr>
<td><strong>NEXT POSSESSION (BASKETBALL) SERVE (VOLLEYBALL) ADVANTAGE (WRESTLING)</strong></td>
<td>Super Bright Amber LED</td>
<td>Displays arrow for each team.</td>
<td>Displays arrow for each team.</td>
</tr>
<tr>
<td><strong>BONUS/DUOUBLE BONUS</strong></td>
<td>Super Bright Red LED</td>
<td>Displays the letter “B” for each team (BASKETBALL)</td>
<td>Displays the letter “B” for each team (BASKETBALL)</td>
</tr>
<tr>
<td><strong>PLAYER/FOUL (BASKETBALL) GAME (VOLLEYBALL) WEIGHT (WRESTLING)</strong></td>
<td>BASKETBALL displays 0-99 for player number and 0-9 for personal fouls. VOLLEYBALL displays game number. WRESTLING can be used as advantage timer or display weight.</td>
<td>BASKETBALL displays 0-99 for player number and 0-9 for personal fouls. VOLLEYBALL displays game number. WRESTLING can be used as advantage timer or display weight.</td>
<td>BASKETBALL displays 0-99 for player number and 0-9 for personal fouls. VOLLEYBALL displays game number. WRESTLING can be used to display weight.</td>
</tr>
<tr>
<td>9&quot; Super Bright Red LED Digits</td>
<td>Displays 0-199</td>
<td>Displays 0-199</td>
<td>Displays 0-199</td>
</tr>
<tr>
<td><strong>TEAM/FOULS (BASKETBALL) WON (VOLLEYBALL) MATCH (WRESTLING)</strong></td>
<td>Displays 0-19 for each team.</td>
<td>Displays 0-19 for each team.</td>
<td>Displays 0-19 for each team.</td>
</tr>
<tr>
<td>9&quot; Super Bright Amber LED Digits</td>
<td>Displays 0-19 for each team.</td>
<td>Displays 0-19 for each team.</td>
<td>Displays 0-19 for each team.</td>
</tr>
<tr>
<td><strong>TIME OF DAY</strong></td>
<td>In place of displaying game time on the scoreboard, the “time out” time may be displayed or the “time of day”. “Time of day” can still display after control turned off.</td>
<td>In place of displaying game time on the scoreboard, the “time out” time may be displayed or the “time of day”. “Time of day” can still display after control turned off.</td>
<td>“Time of day” can display after control turned off.</td>
</tr>
<tr>
<td></td>
<td>Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.</td>
<td>Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.</td>
<td>Sounds automatically at 0:00 for a minimum of two (2) seconds. May omit automatic horn. Can sound manually at any time.</td>
</tr>
<tr>
<td><strong>HORN</strong></td>
<td>Two located in scoreboard</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>JUNCTION BOXES</strong></td>
<td>Two (2) 4&quot;x2 1/8&quot; with covers, furnished per scoreboard for installation.</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>CONTROL CABLE</strong></td>
<td>One (1) length required of 2-WIRE (coaxial type) 1/4&quot; diameter. Order length required.</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>SEGMENT TIMING</strong></td>
<td>Supported.</td>
<td>Supported.</td>
<td>Requires MPCX segment timer control.</td>
</tr>
</tbody>
</table>

In addition to the standard 15 colors, Nevco can match any PMS color. Please contact your local Display and Scoring Consultant for pricing information.

**AGENCY APPROVAL:** UL/CUL listed, FCC, CE, INDUSTRY CANADA.

**SCOREBOARD:** Size 8’L x 6’H x 8’D (2.44 x 1.83 x .20 meters), constructed of aluminum. Hanging weight approximately 135 lbs. (61 kg).

**CAPTIONS:** HOME, GUESTS, FOULS, PLAYER, WON, GAME, MATCH, WEIGHT and PERIOD, white 6” high. (HOME and GUESTS are omitted when ordered with ETNs.)

**LED UNITS:** Seven-bar segmented digits with protective aluminum cover.

**POWER WITHOUT ETNs:** 120 VAC, .58 Amps, 50/60 Hz / 240 VAC, .3 Amps, 50/60 Hz. Requires earth ground.

**POWER WITH REAR-LIT CAPTIONS:** 120 VAC, .79 Amps, 50/60 Hz / 240 VAC, .4 Amps, 50/60 Hz. Requires earth ground.

**POWER WITH ETNs:** 120 VAC, .8 Amps, 50/60 Hz / 240 VAC, .4 Amps, 50/60 Hz. Requires earth ground.

**POWER WITH REAR-LIT CAPTIONS AND ETNs:** 120 VAC, .94 Amps, 50/60 Hz / 240 VAC, .47 Amps, 50/60 Hz. Requires earth ground.

**BUILT-IN LIGHTNING PROTECTION:** All models feature optical isolation circuitry providing additional protection against lightning strikes.

**GUARANTEE:** To view or receive the most recent copy of our guarantee, please visit: [WWW.NEVCO.COM/INFO/GUARANTEE.PHP](http://WWW.NEVCO.COM/INFO/GUARANTEE.PHP)

**U.S. SERVICE:** 1-800-851-4040. **INTERNATIONAL SERVICE:** 1-618-664-0360. **CANADA SERVICE:** 1-800-461-8550.

**BUILD YOUR OWN DISPLAY AND SCORING SYSTEM ONLINE AT:** [WWW.NEVCO.COM](http://WWW.NEVCO.COM)
MaxiForce™ Removable Bollard
Standard Body, Wrench Operated, Standard Style 3 Head, Removable Base

- No Maintenance / Durable steel construction
- One year warranty / Protected by $1,000,000 in liability insurance
- No complex assembly required in the field
- Custom sizes, options, colors and finishes available upon request
- Finish options available (add code to the end of the model number)
  - Powder coated (PC)
  - Powder coated with DRYZINC primer (PCZ)
  - Hot dip galvanized (G)
  - Hot dip galvanized & powder coated (GPC)
- Reflective tape available upon request

Patented fire hydrant wrench operation works with any standard fire hydrant wrench by turning the nut 1/8 turn to unlock and remove the bollard. (1-3/8" nut standard)
*Free standard hydrant wrench included with each order

Flush surface when bollard is removed. Leaves no tripping hazard and won't catch snow plows or other maintenance equipment.

MaxiForce™ Traffic Control Bollards
7660 Main Street
Sykesville, MD 21784
410-552-9888 (phone) - 410-552-9939 (fax)
www.maxiforcebollards.com - sales@maxiforcebollards.com
A1

PARTIAL FIRST FLOOR PLAN, AREA A

SCALE 3/32" = 1'-0"

PROJECT
AUBURN HIGH SCHOOL
FIELD HOUSE ADDITION

TITLE
A1/A1.1A PARTIAL FIRST FLOOR PLAN AREA A
scale 3/32" = 1'-0"

DRAWN
JAM

APPROVED
FSA

FGM
ARCHITECTS

DRAFTSMAN
ARCHITECT
ASSOCIATE ARCHITECT

DATE

JOB NO.

SHEET NO.
R-AHS A1.1A

ISSUED AS
ADD. #1

SCALE 3/32" = 1'-0"

WALL SECTION CUBES ADDED

VESTIBULE LOBBY 1401

BLDG PLAQUE LOCATION, SEE SHEET

© 2013 HAGNEY/FGM Architects Inc.
PROFESSIONAL DESIGN FIRM - IL # 184-003268
A1

BLDG SECTION AT SUPPORT SPACES AND FIELD HOUSE

SCALE 1/8" = 1'-0"
SEE SHEET A5.3.0 FOR DISPLAY CASE DETAILS

NOTE: 2'-8" & 6'-4" DIMENSIONS SUPERCEDE INCORRECT DIMENSIONS OF 2'-7" & 6'-5" ON SHEET A5.3.0.

FOLLOWING SHOWN: BLDG SECTION CUTS, ROWLOCK HEADER BRICK COURSE AND DISPLAY CASE DIMENSIONS. INT ELEVATION OF DISPLAY CASE NB/A5.3.0 REVISED TO MATCH DETAILS ON SHEET A5.3.0.

E10

BLDG SECTION AT MAIN LOBBY LOOKING SOUTH

SCALE 1/8" = 1'-0"
FIRE PROTECTION WATER SERVICE DETAIL

---

**DETAIL NOTES**

1. NEW CONTROL VALVE WITH TAMPER SWITCH (TYPICAL).
2. NEW DRAIN VALVE AND ASSOCIATED PIPING. PIPE TO NEAREST FLOOR DRAIN (TYPICAL).
3. NEW PRESSURE GAUGE (TYPICAL).
4. NEW FLOW SWITCH (TYPICAL).
5. MINIMUM 6" SPRINKLER MAIN OR AS REQUIRED BY HYDRAULIC CALCULATIONS. RISER 1, FOR CONTINUATION REFER TO FLOOR PLAN.
6. MINIMUM 6" SPRINKLER MAIN OR AS REQUIRED BY HYDRAULIC CALCULATIONS. RISER 2, FOR CONTINUATION REFER TO FLOOR PLAN.
7. COORDINATE CONNECTION WITH PLUMBING CONTRACTOR.
8. PIPING TO FIRE DEPARTMENT CONNECTION. FOR CONTINUATION REFER TO FLOOR PLANS.
9. CHECK VALVE (TYPICAL).
10. 6" FIRE PROTECTION DOUBLE DETECTOR CHECK VALVE.
11. 6" FIRE PROTECTION WATER MAIN, REFER TO PLUMBING DRAWINGS AND CIVIL DRAWINGS FOR ADDITIONAL INFORMATION.
12. 6" INSIDE BELL.
14. HYDRAULIC PLACARD (TYPICAL).
15. MINIMUM 6" SPRINKLER MAIN OR AS REQUIRED BY HYDRAULIC CALCULATIONS. RISER 3, FOR CONTINUATION REFER TO FLOOR PLAN.
16. DRY PIPE VALVE WITH TRIM. MAIN DRAIN TO DISCHARGE TO NEAREST FLOOR DRAIN.
17. WATER PRESSURE SWITCH AND AIR PRESSURE SWITCH.
18. RISER MOUNTED MAINTENANCE AIR COMPRESSOR.
19. DRY SPRINKLER PIPING TO SERVE VESTIBULE LOBBY AND MAIN LOBBY AREA. FOR CONTINUATION REFER TO FLOOR PLAN.
20. FULL SIZE BLIND FLANGE FOR FUTURE ZONES.
21. 6" GATE VALVE WITH WALL INDICATOR POST AND TAMPER SWITCH. VALVE TO BE CHAIN AND LOCKED IN OPEN POSITION.

---

**A16 / FPA-4.1.0 / FIRE PROTECTION WATER SERVICE DETAIL / SCALE N.T.S.**