HTETCO a Pharmacy within a Medical Office Building

KALWALL

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2019-2020

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This is the time of year that all estimators are extremely busy developing estimates, proposals and getting the projects on the books for the spring building season. With that, I wish you all the luck and good fortunes in these efforts. As well, the staff of ASPE and the Board of Directors have been equally busy. I would like to take a moment and bring the membership up-to-date with some of these actions.

The financial position of ASPE is good. We have monies in the Scholarship funds and Reserve funds. With cost savings realized from moving to a virtual office and from the reduction of staff, we are well into the black for the operating funds. Specific information on the budgets for 2019 and 2020 will soon be posted under the Members Only sections of the website.

The vision for Summit has been updated. It will now be an educational event with multiple tracks of estimating academies. Of the possibilities, one track will be beginning estimating, another track will be advanced estimating and management skills. Other tracks will include preparation for and final study for CPE and AEP exams that will be administered on-site during the Summit. The focus of Summit will be education with limited time spent on ASPE business. The Summit dates are August 20-22, 2020, in San Antonio, Texas. An ad hoc committee is under formation, with the focus of developing content and programs. This will be an exciting, value-driven Summit.

As everyone has been notified, ASPE will be involved in this year’s “Advancing Preconstruction” program delivered by Hanson Wade. ASPE will host a booth during this event, and on Thursday will conduct an estimating academy. ASPE will have Member-Speakers and will be well represented. The goal is to gain new exposure, promote membership, and to market the CPE and AEP Programs.

I would like to thank those Members who have responded to the challenge of bringing in new members. We must continue promoting ASPE and the advantages available through Membership, as well as the importance of the CPE and AEP Programs.

We will continue to strive to make this Society the construction industry’s leader and recognized authority in professional estimating. Communication between Board Members and Membership is a high priority. Your thoughts and feedback are extremely valued. Please communicate with a Board Member.
Announcements

Member Receipts: ASPE Members requiring a copy of a receipt for on-line purchases, as well as Membership or CPE renewals, have 24-hour access to this information on the ASPE Website at …

Log Into the ASPE Website
Select: Down Arrow (located adjacent to the Welcome, [your name] at top / right corner)
Select: Invoices
Select: Appropriate Filter (in Filter by Status)
Select: Dollar Bill adjacent to the Invoice you wish to view or print

Technical Committee Candidates: If you wish to express interest in serving on the Certification, Education or Standards Technical Committee, you may do so by submitting a completed Application. The investment of the time needed to ensure success on these Committees is a consideration. To learn more about the Roles + Responsibilities, as well as to obtain a copy of the Application, please visit the ASPE Website. From the Home Page, select the Committee under ….

Certification, Education, or Standards
Applications available on each Committee page following photos of its Members.
Committee terms are for a two (2) year period beginning July 1.
For additional information, contact Tina (Tina@ASPEnational.org)

Recommended Bidding Procedures, an ASPE guide for Competitively Bid Construction Projects, has been updated and is available for (complimentary) download by Members. The revised 8th Edition is available on the ASPE website by selecting Resources / Publications.
Note … Non-Members may purchase for a minimal cost of $5.

Congratulations to New CPEs + AEPs (December + January)

<table>
<thead>
<tr>
<th>NAME</th>
<th>COMPANY</th>
<th>CHAPTER</th>
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<tbody>
<tr>
<td>Vianre Nocos, CPE</td>
<td>Lenax Construction Services Inc.</td>
<td>Los Angeles</td>
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<tr>
<td>Cody Laminack, AEP</td>
<td>Ra-Lin &amp; Associates, Inc.</td>
<td>Atlanta</td>
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<td>Sunil Ummadi, AEP</td>
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<td>Dallas/Ft. Worth</td>
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<td>AECOM</td>
<td>Three River</td>
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<td>Justin McVaney, AEP</td>
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<td>BELFOR Property Restoration</td>
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<td>Antonio Herilalaina, AEP</td>
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<td>Arthur Christy, CPE</td>
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<td>Tierra Adams, AEP</td>
<td>KMI International</td>
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<tr>
<td>Steven Yetemian, CPE</td>
<td>Gemdale USA</td>
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Welcome to Our New Members (December + January)

Membership Classification Count (as of 02/12/2020)

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<td>Edson Hernandez</td>
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<td>Stacy Naglestad</td>
<td>XL Construction</td>
<td>Golden Gate 2</td>
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<td>Ty Keith</td>
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<td>Cary Stump</td>
<td>Cary Stump Cost Consulting LLC</td>
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<td>Tom Carroll</td>
<td>Academy Roofing Inc</td>
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<tr>
<td>David Sorensen</td>
<td>Adolfson &amp; Peterson Construction</td>
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<td>Raul Duran Berestov</td>
<td>Abacus Project Management, Inc.</td>
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<td>Daniel Zamarron</td>
<td>All Things Metal, LLC.</td>
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<td>Diana Przeczowski</td>
<td>Bancroft A&amp;E</td>
<td>Chicago 7</td>
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<td>Jeremy Webster</td>
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<td>Kareem Stroman</td>
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<tr>
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<td>Arkansas 33</td>
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<tr>
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<td>Jarred Reber</td>
<td>Barge Design Solutions</td>
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<td>Steven Shedd</td>
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<td>Richmond 82</td>
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Total 1,170
Project Report

Georgia Tech’s Carbon Neutral Energy Solutions Laboratory

Atlanta, Georgia

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Georgia Tech’s Carbon Neutral Energy Solutions Laboratory

In the simplest terms, a net zero energy building generates as much or more energy than it uses. Georgia Tech’s Carbon Neutral Energy Solutions Laboratory (CNES) in Atlanta, Georgia, is one of the few buildings in the country that approaches net zero carbon emissions and has been hailed for setting a new standard in sustainable design.

Kalwall diffuse natural lighting curtainwall systems are a key component to the 42,000 square foot building that recently earned another distinction for its design when the American Institute of Architects (AIA) New Jersey named the CNES a Merit Award winner. The building was designed by HDR Architecture of Princeton, N.J.

In its jury comments, the AIA New Jersey said “this building puts convictions about environmental friendliness to work”.

Georgia Tech is a public research university and the CNES is the centerpiece of its mission. HDR describes the CNES as a facility that “sets a new standard for sustainable design for buildings of its type by optimizing passive energy technologies, reducing electricity loads, and maximizing the use of renewable energy”.

An impressive curtainwall of Kalwall panels floods the main portion of the building in natural diffuse light, integrating perfectly with the goals of the CNES because of its best industry solar heat gain control. It is one reason the building achieved LEED-NC Platinum certification.

Among the other awards the building has won include:

- 2013 Beyond Green™ Award of Merit for High Distinction in High-Performance Buildings – National Institute of Building Sciences (NIBS) and Sustainable Buildings Industry Council.
- 2013 Merit Award, Excellence in Architecture category - Society of College and University Planners (SCUP)/AIA Committee on Architecture for Education (AIA-CAE) Excellence Awards
- 2012 Merit Award Built Category - American Institute of Architects (AIA), Georgia Chapter
- 2012 Best Project, Green Building Category - ENR Southeast, Best Projects contest
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**FACES OF ASPE: Dan Schottlander, CPE**

**Best advice I ever received**

Tackle the hardest tasks first.

**Best advice I share with young (and not so young) estimators**

Spend as much time as you can in the field in order to learn all about the construction process.

**Chapter goal for 2020 - 2021**

Increase our membership.

**If I wasn’t doing this, I would be**

Playing more golf.

---

**Chapter 3 – Orange County – Chapter President**

Integrated Engineering Management IEM

Contact: Dschottlander@iemcm.com
2020 Elections
Board of Directors

The following elected positions will appear on the 2020 Ballot

Northwest Governor
Southeast Governor

Elections will open March 4 and close March 18

To continue and build upon ASPE’s growth as the industry’s leader and recognized authority in professional estimating, a passionate and committed Board of Directors is necessary.

Roles + Responsibilities for each Board of Directors position are available for review by interested parties.
For more information, including a copy of the Roles + Responsibilities, please visit ...
ASPEnational.org > Home Tab > Board of Directors > Scroll to Bottom of Page
or Contact the Society Business Office @ 615.316.9200
All Entries Must Include a Project Narrative

Your narrative must not exceed a maximum of 750 words. The narrative should focus on why the project should be considered the best in its category. The descriptions of each of the required elements are meant to be used as guidelines. You should interpret all criteria based on your own unique project submission and respond accordingly. This information will also be used during award presentation.

Visual Presentation

While points are not awarded for the visual presentation, the photos may impact your entry in that they help to tell your story. Support your narrative with photos that display the scope and process of the project and any challenges described in the narrative. You may include up to 3 photos in your project submittal.

Best Estimate

The ASPE Industry Best Estimate Award honors those entries that display the best overall estimate of a proposed project across any sector. Benchmarks can include, but are not limited to, the following.

Most Innovative Project

The ASPE Industry Most Innovative Project Award honors those entries that display the most unique and innovative benchmarks across the entire scope and process of the project submitted. Benchmarks can include, but are not limited to, the following.

- Estimate Efficiency
- Estimate Accuracy
- Budget Control
- Material Efficiency
- Revisions
- Client Satisfaction
- Tools and Technology Used
- Solutions for Unexpected Challenges
- Innovative Design Build
- Creative Design Build
- Technology Elements of Project
- Technology Solutions
- Use of Advanced Techniques/Software
- Green Innovation
- Community Involvement
- Addressing Environmental or Coding Concerns

Begin Planning Today for 2020 Awards!

www.ASPEnational.org

Award Applications are Due April 17, 2020

ASPE reserves the right to honor multiple Award Entries based on submittals received.

2020 Scholarship Program

Multiple Scholarships Available

Up to $25,000 to be Awarded

Application Due Date - April 23, 2020

Applicant Eligibility:

- Course of Study - Construction Related Field
- Enrolled as a Full-Time College Student
- Currently a College Sophomore or Junior
- GPA - 3.0 or Higher
- No relationship with any member of Scholarship Committee

For more information, visit ASPEnational.org
Education Tab - Scholarship
ASPE Industry Awards

**Best Estimate**

The ASPE Industry Best Estimate Award honors those entries that display the best overall estimate of a proposed project across any sector. Benchmarks can include, but are not limited to, the following.

- Estimate Efficiency
- Estimate Accuracy
- Budget Control
- Material Efficiency
- Revisions
- Client Satisfaction
- Tools and Technology Used
- Solutions for Unexpected Challenges

**Most Innovative Project**

The ASPE Industry Most Innovative Project Award honors those entries that display the most unique and innovative benchmarks across the entire scope and process of the project submitted. Benchmarks can include, but are not limited to, the following.

- Innovative Design Build
- Creative Design Build
- Technology Elements of Project
- Technology Solutions
- Use of Advanced Techniques/Software
- Green Innovation
- Community Involvement
- Addressing Environmental or Coding Concerns

Your narrative must not exceed a maximum of 750 words. The narrative should focus on why the project should be considered the best in its category. The descriptions of each of the required elements are meant to be used as guidelines. You should interpret all criteria based on your own unique project submission and respond accordingly. This information will also be used during award presentation.

**Visual Presentation**

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Begin Planning Today for 2020 Awards!
Award Applications are Due April 17, 2020
www.ASPEnational.org
Calling All CPEs!

• Imagine you are a young estimator who is assigned to work on an estimate for a new hospital radiology floor?
• Suppose you have been a healthcare estimator for 10 years, change jobs and are asked to estimate a new casino?
• What are your next steps if you encounter a project type that you have never estimated before, and are not even sure what you don’t know?

The Standards Committee is working to address this challenge by introducing a new SEP publication that will support estimators, at all levels of experience, to expand their skillset and detail unique information about specific project types. But your help is needed!

ASPE is calling upon all CPEs to share your knowledge by writing Technical Papers on various project types in which you consider yourself an expert. So whether you are an expert in estimating for banking institutions, hospitals, casinos, manufacturing plants, sewer treatment plants, grocery stores, restaurants, office buildings, housing or hotels, we hope you will participate. To reward this effort, the Certification Committee will award the author of successful Technical Papers with 12 PDUs. In addition, if the Technical Paper is selected for publishing, an additional 4 PDUs will be awarded!

(*Successful Technical Paper = Earning a Passing Score of 18+)

ASPE is seeking very specific topics. To ensure that a variety of Technical Papers are received, please contact Cinder McDonald, Certification Committee Coordinator (Certification@ASPEnational.org) prior to proceeding, for a list of possible topics. After a topic is approved, you will be provided with the established parameters / the standardized format for the Technical Paper.

If you have any questions regarding Standards, please contact Karla Wursthorn, Standards Committee Chair at kwursthorn@tnward.com.

Thank you for considering this opportunity to be part of this first of its kind estimating reference book!
HTETCO a Pharmacy Within a Medical Office Building

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Section 2: Types and Methods of Measurements
Section 3: Factors that may affect Take-Off and Pricing
Section 4: Labor, Material, Equipment, Indirect Costs
Section 5: Special Risk Considerations
Section 6: Ratios and Analysis
Section 7: Miscellaneous Pertinent Information
Section 8: Sample Plan
Section 9: Sample Estimate
Section 10: Glossary
SECTION 1: INTRODUCTION

The new standard for most healthcare providers when building a Medical Office Building ("MOB") is to include a Pharmacy within it. This is a great convenience for patients and allows the Healthcare provider to keep the lucrative prescription business in house.

When planning the build-out of a pharmacy, there are many specialties and codes that need to be carefully followed in order to provide a safe environment for employees, and to protect inventory.

Many items can easily be overlooked, but due to the type of business, and the specifications in the handling and storage of prescription drugs, security is always a top priority. From cameras, to in wall security mesh, to the casework, pharmacies are a specialty build that can be a large multiplier to project costs.

The intent of this paper is to review the estimating process involved in the build-out of a pharmacy within a MOB. It also covers the many unique items and cost driving specialties that arise in a typical pharmacy build.

SECTION 2: TYPES AND METHODS OF MEASUREMENTS

Types of Measurement:

Within this estimate, there will be a variety of common measurement types. We will be including areas by square feet (SF), lineal foot (LF), counts by each (EA) and pairs (PR), weight by pounds (LBS) as well as allowances by lump sum (LS), and gross square foot (GSF).

Methods of Measurement:

Within this estimate quantities will be measured in multiple ways. These methods will depend on the level of design as to the amount of each method used in an estimate.

1. Actual Measurement – Measuring a drawing to come up with the actual measurements / quantities. This would be the lineal foot of walls, the square footage of flooring and ceilings, the lineal footage of casework, as well as any counts of specialty items.

2. Approximate Measurement – This process uses historical data and knowledge to fill in any gaps that the drawings may have to provide a more complete estimate. For this type of measurement, we rely on historical data to fill in the holes and add line items that may not be shown in the drawings, but will most likely be needed in the estimate. If there is a cost, it is best practice to include it within the budget.

3. Gross Floor Area (GSF) Measurements – the total area of the pharmacy will be used as the quantity to apply allowances to the estimate. This type of measurement is applied to trades with a miscellaneous cost that cover the items that aren’t quantified (such as misc. rough carpentry, misc. casework, also for this estimate, the pricing for the MEP trades).

Units of Measure:

Costs within the estimate will be based on a complete Unit Price. The unit price will include all Labor, Materials and Equipment that would be used to install the item.

Quantity (SF, LF, etc.) x Unit Rate ($) = Sub-Total

Format:

For this estimate, Master format 2004, or 48 Division CSI will be utilized. Every division, especially those related to site work, will not be utilized since this is a tenant improvement estimate of a pharmacy space.

This format allows for the break out of multiple detailed summaries within the estimate, and to see more clearly, which divisions of work the unique costs truly lay.

Summary Level A shows all divisions of work and the costs associated with them.

Summary Level B shows all divisions and the sub-divisions costs for each. This summary provides an extra detail to see where each cost.
within the division is occurring. Allowing you to see for example, that in Division 09, Finishes, it is the expensive flooring that is driving up that cost versus the ceilings etc.

The Detail level is a line by line item estimate showing each Division, Sub-Division, and item in the estimate.

**Project Description:**

For this estimate, we will be estimating the cost of a Pharmacy within a new Medical Office Building. The T.I., or tenant improvement will be focused on, as well as all the unique and specialty items that are an integral part of a pharmacy build. There will not be existing conditions, demolition or abatement or site-work included in this estimate.

The steps required for estimating a pharmacy within a MOB are much like any Tenant Improvement project.

1. Floor plans need to be measured – for this project, OST (On-Screen Takeoff), a software that allows for you to upload your drawings, set the scale, and measure and takeoff the quantities shown was utilized. When estimating anything, especially at a Schematic level or higher, it is important to get an accurate quantity takeoff on everything possible. But remember, that doesn’t mean every aspect of the project will be shown or covered in the drawings (especially at early stages).

   Items to measure:
   
   a. Flooring
   b. Ceilings
   c. Walls / Partitions
   d. Casework
   e. Doors
   f. Glazing
   g. Specialties
   h. Furnishings

2. Calculating totals from the quantity takeoff is then necessary in order to calculate all of the proper measurements we will be using in the estimate. In order to properly calculate the area of walls for example, information needs to be gathered. Information needed in this case are, the floor to floor heights, the ceiling heights, partition heights, and what level the pharmacy is on within the building.

   From this information, the area of walls can be calculated. After measuring the lineal foot of wall, and knowing every wall type and height, the total square footage can accurately be quantified for the total metal studs, drywall, insulation, mesh and other qualities that build up and make-up the costs of the partitions. Measuring the ceilings and knowing the ceiling heights allows for the capability to quantify the framing of any soffits and their drops that might be in the design, as well as how much security mesh is needed and where it will be used. When possible the security mesh will be brought to the deck, allowing for a complete deck to deck coverage. If this isn’t possible, it may be necessary to run the mesh thru the ceilings in order to completely enclose the pharmacy in the protective mesh.

**SECTION 3: PROJECT SPECIFIC FACTORS TO CONSIDER IN TAKE OFF AND PRICING**

There are some factors to consider when putting together and organizing the takeoff and subsequently the pricing for this type of project.

1. Geographical location of project. Remember when pricing the variance in location to labor, material and equipment rates.
   
   a. As noted, this is a pharmacy within a MOB, but if to project is located in California, the agency in charge of inspections of the MOB will need to be verified. OSHPD can be a very large price and schedule effecting factor in California Healthcare projects.
   
   b. Be aware of not only geographical areas, and the variances in labor in the different areas, but also the market conditions in the area. Geo-modifying costs is not always the best way to price an item. Calling and getting quotes for items is always a better option. In the projects area, it may be relatively inexpensive to find a sub and install an item, where as in an area impacted with work, it may be much more difficult and cause a hike in rates. Be aware and validate any pricing used within the budget to have accurate pricing for that specific area.

2. Level of drawings and information. If you are estimating this pharmacy in the early stages of design, information and details may not be available. In these cases, you should if possible utilize tools such as:
   
   a. Historical Information
   b. Cost Databases
   c. Statistical / Price Validation

   By utilizing these tools, one can provide a more complete budget regardless of the level of design and therefore not have any surprises in the cost as the design progresses. This will help not only in design, but also as the project starts construction, by cutting down on any possible change orders that could arise due to the lack of details in the design. Assumptions and allowances are replaced with measured quantities and detailed information as it becomes available.

3. Schedule. The schedule is always a factor, and not only can effect pricing, but also General Conditions, General Requirements, and many other aspects of the estimate.
   
   a. Verify if there is any shift or night work that will be necessary during the build.
   
   b. Are there existing conditions that will affect the schedule, if so what is the cost and time to remove / deal with these obstacles.
SECTION 4: OVERVIEW OF LABOR, MATERIAL, EQUIPMENT, INDIRECT COSTS AND MARKUPS APPROACH AND APPROACH TO MARKUPS

Pricing criteria in this project are based out of the Sacramento, California.

Unit rates for each line item will include labor, material, and equipment as well as all sub-contractor overhead and profit. Overhead and Profit for the subs is defined as all labor, materials, and equipment sales taxes, field overhead (trailers etc.), and profit / fee. Any General Contractor mark-ups for General Conditions, General Requirements, Insurance, Fee, and Contingency are found below the line. This estimate will carry contingencies for both the Construction and Design. Design Contingency is based on the level of drawings and is an allowance for the unknown or undeveloped items within the estimate. Construction Contingency is for the GC and is carried for miscellaneous items that arise, buy out losses or other cost related items not carried within the estimate. Due to not having a construction schedule, escalation will not be carried. All costs will be in current dollars.

SECTION 5: SPECIAL RISK CONSIDERATIONS

One of the largest risks associated with estimating a pharmacy lies within the unique items that arise. General security is a large factor within the budget.

1. Access control & Video Surveillance have become a priority with all pharmacies due to the handling of the prescription drugs, this is a concern during and after hours of operation.
2. Walls require security mesh to be installed within them to keep anyone from breaking in thru the partitions. This mesh is also required in the ceilings or the partition mesh will be carried to the metal deck above if possible. Depending on where the pharmacy is located (floor / level of the building) more mesh or other items could be necessary.
3. Casework needs to be lockable in many locations. The point of sale countertops are often adjustable / electric and have other cost driving items associated with them.
4. Flooring for the work areas is often an Anti-fatigue padded flooring due to the long hours that the pharmacy workers are on their feet.
5. Coiling Doors and Grilles are used to securely close off the pharmacy. Many times these are included at all entrances, or at the point of sale countertops.
6. If the Pharmacy is located at an exterior wall, any glazing on that wall may need to be security glass, including storefront or curtain-wall.

As mentioned in Section 3, such items as unique schedule requirements, escalation, market conditions, the level of design, and the project delivery method, can all have an adverse effect on the budget. As the estimator, it is important to know this information, request what is necessary, and update the budget as needed.

SECTION 6: RATIOS AND ANALYSIS

Not all pharmacy projects are the same, but if a historical database is available, comparing the estimate to other similar builds will allow for a level of comfort and be used as a checks and balance. With the use of Master format CSI, a general $ / SF can be compared to for each division and sub-division in order to verify the project is falling into either a High, Average, or Low comparison. Ratios for items that are not detailed, but instead have been based off of GSF can also use this historical database of information in order to fill in all the gaps that the level of design may have missed. Knowing such information and being able to put a correct cost to it is necessary any every estimate.

SECTION 7: MISCELLANEOUS

Estimating a pharmacy as previously stated has many unique items that can be a large price driver for your project. Depending on the healthcare organization, variances in design and regulations may affect the items previously mentioned. The estimator must be familiar with the owner and any design guidelines that may affect the cost of the project. Check to see if there are any standards in design that may be applied.

Regardless of the level of documents, these standards would allow for you to fill in your estimate with details that may otherwise not be available. Although this project is being estimated in a more advanced level of design, there is always a case for the utilization of historical data and a database. Be aware of what projects of a similar nature are going for so that those may be compared and validated against this estimate. Knowing the overall value of a space, and then being able to compare it to this projects estimate is something that all estimators do, or should do as a quality check. This will also show where this project is coming in at and where the cost driver may be above and beyond the norm.

The key to a successful estimate depends on the level of care and accuracy taken in the measurement and allocation of costs associated with every item required to build a project. If something is missed that is necessary in the project, the estimate is off, and therefore the budget will not be correct. This causes change orders, and added expenses that should have been carried and allocated in the estimating process vs. the construction phase. Change orders are never as cost effective as pre-construction bid work. An estimator must rely on their experience, good judgement and reliable takeoff, and when possible historical data to back up and validate the estimate.

Another factor that estimators must face while putting together a budget for the project, is to offer value engineering options. Utilizing their experience as well as historical data, the estimator may need to offer up options that save money and lower costs to fit a pre-determined budget. This exercise is a great way to show the value you have on every project, and in doing so make the estimator a more and more
valued asset in the pre-construction process.

In some cases, an estimator when working for an owner may be asked to put together an estimate without knowing the pre-determined budget. This is done to make sure the estimate is not inflated, or it may be to validate a budget that was given by another estimator or contractor. Third party estimators are very common on large projects to validate costs that are presented by contractors, or to validate the design of an architect.

Remember, regardless of what this estimate is going to be used for, it will be a tool that is studiously reviewed and therefore, as an estimator, it is necessary to do the best, and to provide the most accurate estimate possible with all the tools available.

SECTION 9: SAMPLE PLAN
SECTION 9: TAKE-OFF AND PRICING SHEETS

Casework & Specialties:
As you can see from the takeoff, there are many types and sizes of casework in this pharmacy, and this is common on most pharmacies. Quantities and types will depend on the overall size and area of the space, but expect this to be a big portion of your budget.

Partitions:
When measuring your walls, you need to remember that there is going to be metal mesh within the partitions, and as we spoke about previously, you will need to know the type of mesh, the gage of mesh and the extent of where the mesh needs to be. In this example, the mesh is around the entire surrounding walls of the pharmacy and going to the metal deck of the floor above.
Flooring:
Pharmacies in most cases will have a few different types of flooring within the project. In this example, there is Carpet within the office, Resilient flooring in most areas, and then the specialized cushioned flooring in the work areas and along the point of sale section of the pharmacy.

Ceilings:
Ceilings within a pharmacy are much like that of any area within an MOB. There is the normal back of house finishes in the work areas, then usually a much nicer finish in the lobby and point of sale areas. In this example, that upgraded finish includes some wood faceted paneling over the point of sale area. There are also quite a few soffits that need to be captured. Remember with soffits, the cost is not so much in the finished area of that soffit, but in the amount of framing that is necessary to make it.
# HTETCO a Pharmacy Within a Medical Office Building ... continued

## CONSTRUCTION COST SUMMARY

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## HTETCO a Pharmacy Within a Medical Office Building ... continued

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<td>Construction Contingency</td>
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</tr>
<tr>
<td>0 00 72 00</td>
<td>Contractor's General Conditions</td>
<td>$59,951</td>
<td>$13.47</td>
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<tr>
<td>0 00 73 16</td>
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<td>$2.69</td>
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### TOTAL CONSTRUCTION PHASE COST

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<tr>
<td>0 00 83 00</td>
<td>Construction Contingency</td>
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<td>$12.83</td>
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<tr>
<td>0 00 72 00</td>
<td>Contractor's General Conditions</td>
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### TOTAL GENERAL REQUIREMENTS

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### TOTAL CONSTRUCTION PHASE COST

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<th>Div. Code</th>
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<td>5 05 00 00</td>
<td>METALS</td>
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<td>Metal Fabrications</td>
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<tr>
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<td>WOOD, PLASTICS, and COMPOSITES</td>
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<table>
<thead>
<tr>
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<td>6 06 41 00</td>
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<td>6 06 41 16</td>
<td>Pharmacy</td>
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<td>Base cabinets</td>
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<td>6 06 41 16</td>
<td>Upper cabinets</td>
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<td>Pharmacy point of sale counter</td>
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<td>Pharmacy sales display</td>
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<td>6 06 41 16</td>
<td>Pharmacy shelving, 1'-0&quot; wide</td>
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<td>Pharmacy shelving, 1'-6&quot; wide</td>
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### TOTAL WOOD, PLASTICS, and COMPOSITES

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<tr>
<td>7 07 80 00</td>
<td>Fire and Smoke Protection</td>
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<td>7 07 84 00</td>
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<td>Penetration Firestopping</td>
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<td>MEP</td>
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<td>7 07 90 00</td>
<td>Joint Protection</td>
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<td>7 07 90 00</td>
<td>Joint Sealants</td>
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<td>7 07 92 19</td>
<td>Acoustical Joint Sealants</td>
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<td>7 07 92 19</td>
<td>Sound Caulk</td>
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### TOTAL THERMAL and MOISTURE PROTECTION

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### PHARMACY ESTIMATE

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<td>OPENINGS</td>
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<td>Doors and Frames</td>
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<td>8 08 11 00</td>
<td>Metal Doors and Frames</td>
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<tr>
<td>8 08 11 13</td>
<td>Hollow Metal Doors and Frames</td>
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<tr>
<td>8 08 11 13</td>
<td>Interior Doors</td>
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<tr>
<td>8 08 11 13</td>
<td>Hollow Metal Door In HM Frame, Incl.Hardware &amp; Finish</td>
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<td>$2,000.00</td>
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<td>Metal Frames</td>
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<tr>
<td>8 08 12 13</td>
<td>Hollow Metal Frames</td>
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<td>Install hollow metal frames, single</td>
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<td>Coiling Doors and Grilles</td>
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<td>Plaster and Gypsum Board</td>
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<td>Plaster and Gypsum Board Assemblies</td>
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<tr>
<td>9 09 22 13</td>
<td>Metal Furring</td>
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<td>9 09 22 13</td>
<td>Interior Wall</td>
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<td>Interior Wall</td>
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<td>Gypsum Board</td>
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<tr>
<td>9 09 29 00</td>
<td>Interior Wall Sheathing</td>
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<td>Gyp Board, 5/8&quot; thick, Level 4 finish</td>
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<td>$35,365</td>
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<td>Acoustical Tile Ceilings</td>
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<td>Resilient Flooring</td>
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<td>9 09 65 13</td>
<td>Resilient Base and Accessories</td>
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<td>Interior doors and frames, per leaf</td>
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### PHARMACY ESTIMATE

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<th>Div. Code</th>
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<tr>
<td>10 10 10 00</td>
<td>Signage</td>
<td></td>
<td>10</td>
<td></td>
<td>8,900</td>
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<tr>
<td>10 10 14 00</td>
<td>Plaques</td>
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<td>10 14 16</td>
<td></td>
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</tr>
<tr>
<td>10 10 14 16</td>
<td>Interior wayfinding signage</td>
<td>4,450</td>
<td>GSF</td>
<td>$1.00</td>
<td>$4,450</td>
</tr>
<tr>
<td>10 10 14 16</td>
<td>Interior code signage</td>
<td>4,450</td>
<td>GSF</td>
<td>$1.00</td>
<td>$4,450</td>
</tr>
<tr>
<td>10 10 40 00</td>
<td>Safety Specialties</td>
<td></td>
<td>10 40 00</td>
<td></td>
<td>$800</td>
</tr>
<tr>
<td>10 10 44 00</td>
<td>Fire Protection Specialties</td>
<td></td>
<td>10 44 00</td>
<td></td>
<td>$800</td>
</tr>
<tr>
<td>10 10 44 16</td>
<td>Fire extinguishers/fire hose valve and cabinet</td>
<td>2</td>
<td>EA</td>
<td>$400.00</td>
<td>$800</td>
</tr>
<tr>
<td>11 11 00 00</td>
<td>EQUIPMENT</td>
<td></td>
<td>11 00 70</td>
<td></td>
<td>$10,235</td>
</tr>
<tr>
<td>11 11 70 00</td>
<td>Healthcare Equipment</td>
<td></td>
<td>11 70 00</td>
<td></td>
<td>$10,235</td>
</tr>
<tr>
<td>11 11 72 00</td>
<td>Examination and Treatment Equipment</td>
<td></td>
<td>11 72 00</td>
<td></td>
<td>$10,235</td>
</tr>
<tr>
<td>11 11 72 00</td>
<td>Installation of HVAC equipment</td>
<td>4,450</td>
<td>SF</td>
<td>$1.50</td>
<td>$6,675</td>
</tr>
<tr>
<td>11 11 72 00</td>
<td>Miscellaneous equipment anchorage</td>
<td>4,450</td>
<td>SF</td>
<td>$0.80</td>
<td>$3,360</td>
</tr>
<tr>
<td>21 21 00 00</td>
<td>FIRE SUPPRESSION</td>
<td></td>
<td>21 00 11</td>
<td></td>
<td>$20,025</td>
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<tr>
<td>21 21 10 00</td>
<td>Water-Based Fire-Suppression Systems</td>
<td></td>
<td>21 10 00</td>
<td></td>
<td>$20,025</td>
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<tr>
<td>22 22 00 00</td>
<td>PLUMBING</td>
<td></td>
<td>22 00 00</td>
<td></td>
<td>$89,000</td>
</tr>
<tr>
<td>22 22 05 00</td>
<td>Common Work Results For Plumbing</td>
<td>4,450</td>
<td>GSF</td>
<td>$20.00</td>
<td>$89,000</td>
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<tr>
<td>23 23 00 00</td>
<td>HVAC</td>
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<td>23 00 00</td>
<td></td>
<td>$100,125</td>
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<tr>
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<td>INTEGRATED AUTOMATION</td>
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<td>25 00 50</td>
<td></td>
<td>$21,138</td>
</tr>
<tr>
<td>25 25 50 00</td>
<td>Integrated Automation Facility Controls</td>
<td></td>
<td></td>
<td></td>
<td>$21,138</td>
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<tr>
<td>26 26 00 00</td>
<td>ELECTRICAL</td>
<td></td>
<td>26 00 00</td>
<td></td>
<td>$111,250</td>
</tr>
<tr>
<td>26 26 05 00</td>
<td>Common Work Results For Electrical</td>
<td>4,450</td>
<td>GSF</td>
<td>$25.00</td>
<td>$111,250</td>
</tr>
<tr>
<td>27 27 00 00</td>
<td>COMMUNICATIONS</td>
<td></td>
<td>27 00 00</td>
<td></td>
<td>$35,600</td>
</tr>
<tr>
<td>27 27 05 00</td>
<td>Common Work Results For Communications</td>
<td>4,450</td>
<td>GSF</td>
<td>$8.00</td>
<td>$35,600</td>
</tr>
<tr>
<td>28 28 00 00</td>
<td>ELECTRICAL SAFETY and SECURITY</td>
<td></td>
<td>28 00 00</td>
<td></td>
<td>$1,141,924</td>
</tr>
<tr>
<td>28 28 05 00</td>
<td>Common Work Results For Electronic Safety and Security</td>
<td>4,450</td>
<td>GSF</td>
<td>$25.00</td>
<td>$1,141,924</td>
</tr>
</tbody>
</table>

**Total Direct Cost:** $1,141,924

**Construction Contingency:** 5.00% $1,141,924 $57,096
**Contractor's General Conditions:** 5.00% $1,199,021 $59,951
**Insurance:** 1.00% $1,199,021 $11,990
**Contractor's Fee:** 4.00% $1,270,962 $50,838

**Total Target Cost:** $1,321,800
SECTION 10: GLOSSARY / TERMINOLOGY

• Medical Office Building (‘MOB’) – an office building that is separate from a Hospital that can contain physician offices as well as exam rooms, pharmacies, optical services, imaging, and other outpatient services.
• Mesh / Security Mesh – steel mesh panels used as a penetration resistant shield behind drywall.
• Escalation – the increase or decrease in costs of goods and services due to inflation, market conditions and other factors.
• Database – a collection of project costs that allow for comparisons, as well as building cost validations. These need to be very project specific and separate the many variety of projects in order to be able to compare like projects to each other.
• Pharmacy – a store where medicinal drugs are dispensed and sold.
• OSHPD (California’s Office of Statewide Health Planning and Development) – a planning and inspection agency in California keeping healthcare projects to the building codes set by the state.
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Save the date . . .

2020 ASPE Estimators’ Summit
Riding the Wave
August 19 – August 22

The Westin Riverwalk – San Antonio
420 West Market Street, San Antonio * 210-224-6500
Home of the Alamo

$ 975 – Early Registration through 04/30/2020
$1,100 – Regular Registration through 07/14/2020
$1,325 – Late Registration through 08/02/2020

PDUs Awarded: 16
Guest Ticket: $125

Register @ https://www.ASPEnational.org/mpage/2020Summit
What next steps will you take to advance your estimating career?

Consider earning your Certified Professional Estimator or Associate Estimating Professional designation.

The Certified Professional Estimator (CPE) and Associate Estimating Professional (AEP) designations acknowledge that you have met, and continue to meet, the criteria established by the American Society of Professional Estimators, recognizing the estimating proficiency and ethical awareness of the individual. These nationally recognized Programs attest that a construction estimator has met the necessary education requirements and has the capabilities necessary of the profession.

The Certified Professional Estimator (CPE) designation is the highest form of professional recognition an estimator may earn and celebrates the years of experience needed to pass the rigorous requirements of this CESB accredited Program.

5+ Years of Experience Required!

The Associate Estimating Professional (AEP) designation offers recognition of the education and general estimating knowledge required to be part of this exciting and growing field of construction industry professionals.

Education in a Construction Related Field is the Key!

Each Program is offered in an open cycle format that allows candidates to progress at a self-guided pace while successfully completing the following steps.

Steps to earning your CPE designation ...
* 5-Years of Estimating Experience  * General Estimating Knowledge (GEK) Exam
* Discipline Specific Test (DST) Exam  * Submit a 2,500+ Word Technical Paper

Steps to earning your AEP designation ...
* General Estimating Knowledge (GEK) Exam

Both the CPE and AEP Programs require annual renewal, including the earning of Professional Development Unit (PDU) credits.

This ensures that the Estimator keeps abreast of construction industry changes and is motivated to personal growth through continuing education and interaction with others in the field.

Learn more at ASPEnational.org / Certification
The industry standard for search!

Exclusively for commercial construction professionals, like you!

- Quick & easy **access to the nation’s largest database** of qualified commercial construction professionals
- Find exactly **who** you need, **where** and **when** you need them
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**Corporate Membership** provides companies exposure to leaders in the field of estimating, as well as direct access to all Members of the **American Society of Professional Estimators**.

Companies seeking a consistent marketing plan through Corporate Membership will expand their reach with opportunities utilizing all communication mediums including the following.

» Corporate Member Companies will receive complimentary (individual) **ASPE Memberships** for a specified number of their employees. Membership will be assigned to individual Estimators, who will enjoy all the rights assigned to them as with (regular) Membership.

» Website Advertising: **Banner Ads** greet all visitors to the ASPE Website.

» **E-Blast Campaigns** target ASPE Members with your developed message.

» **Publication – Estimating Today**: The bi-monthly magazine distributed in print form to Members and in digital format to all ASPE website visitors.

» **Publication – Membership Directory + Buyers’ Guide**, distributed in print format to all Members, is a year-round reference that remains in every estimator’s library long after the year ends.

» **Regional Meetings**: Sponsor Logo will be distributed on all marketing materials, including the ASPE Website, Social Link and all Regional Publications.

**Is ASPE Corporate Membership** the missing piece of your Marketing Plan?
If I wasn’t doing this, I would be

**FACES OF ASPE: Jim Johnson, CPE**

Chapter 9 – New Orleans – Chapter President
Entergy
Contact: wamegojim@gmail.com

Best advice I ever received
You know how to do this; you just need to create a methodical system to continually do it.

Best advice I share with young (and not so young) estimators
Estimating is a great career and involves continuous learning, patience, and both the ability to see the big picture and diving into the details.

Chapter goal for 2020 - 2021
Increase membership and participation.

If I wasn’t doing this, I would be
I love doing what I do. However, I wouldn’t mind being a wine and beer judge!
2020 AWARDS

* Honoring Members + Chapters for their contributions to ASPE and the construction industry *
* Honoring Member Estimators for their project successes *

**Estimator of the Year**
For excellence in advancing the art of construction estimating thru Standards, Ethics and Practice, while leading + training others, and promoting ASPE throughout one's career

**Chapter President of the Year**
For excellence in leading, promoting + supporting the goals and growth of the Chapter

**Fellow Award**
For having attained national recognition for achievements in the art of construction estimating + who have made exceptional contributions to the Society

**Legacy - Howard S. Prout Founder of Certification Award**
For excellence in promoting and utilization of Standards of Ethics and Practice

**Legacy - Frank T. Young Excellence in Education Award**
For excellence in pioneering and promotion of Educational Opportunities + Advancements

**Legacy - Merle W. Heckenlively Founder of Standards Award**
For excellence in promoting and utilization of Standards of Ethics and Practice

**Industry Awards**
Celebrating projects displaying overall estimate efficiency and accuracy, unique + innovative design, technology solutions or community involvement

**Chapter Champion**
For dedicated effort + contributions made to the advancement + growth of the Chapter

**Chapter Achievement**
For excellence in promoting ASPE and supporting its Members at the Chapter level

**Technology Award**
For promoting Technology innovation in advancement of the estimating profession

**Intent to Submit Forms – Due March 30**
**Candidate Nominations + Chapter Applications - Due by April 17**

Begin planning by nominating an ASPE Member who exemplifies the qualities needed and who deserves acknowledgement for their contributions

ASPEnational.org > ASPE Resources > Awards Requirements + Scoresheets
DON’T LET HIDDEN CHANGE ORDERS BE AS ELUSIVE AS BIGFOOT.

Like a large, hairy creature, hidden details can sometimes leave an enormous footprint on profitability.

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https://on.center/10-percent-off-OST

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2020 ASPE Critical Calendar: March - June

March
3  Last day for Society Business Office to determine the voting body for the election of Board of Directors
4  Last date is issue Ballots for the Board of Directors Election
4  2020 Summit - Registration Opens for Chapter Representatives
11  Certification Committee Meeting via Conference Call
17  Standards Committee Meeting via Conference Call
18  Education Committee Meeting via Conference Call
18  Last date to vote in Board of Directors Election
20-21  2020 Spring Regional Meeting: South West - Orlando
24  Last day to announce Board of Directors election results
28  2020 Spring Regional Meeting: Northeast - Farmingdale, New Jersey
30  Deadline to submit ‘Intent to Submit’ form for Award Submittals

April
8  Certification Committee Meeting via Conference Call
15  Education Committee Meeting via Conference Call
17  All Award Nominations / Applications due to SBO
21  Standards Committee Meeting via Conference Call
23  Deadline: Scholarship Applications
25  Board of Directors Meeting via Video Conference
30  Last day for Early Registration for 2020 Estimator's Summit

May
8  Deadline for Chapters to identify their 2020 Summit Chapter Representative
12  Deadline for Chapters to submit Chapter elections result form to Society Business Office
13  Certification Committee Meeting via Conference Call
19  Standards Committee Meeting via Conference Call
20  Education Committee Meeting via Conference Call
27  Committee and Technical Committee Chairs progress reports due to their respective Vice President and Society Business Office
28  Scholarship Winner(s) to be announced (to Winners only)
28  Deadline: 2020 July/August Estimating Today articles to Society Business Office

June
10  Certification Committee Meeting via Conference Call
15  Award Winners to be announced (to Winners only)
16  Standards Committee Meeting via Conference Call
17  Education Committee Meeting via Conference Call
27  2020-2021 Board of Directors take Office
ASPE CHAPTER MEETINGS

ARIZONA
Arizona #6
Where: Aunt Chilada’s
7330 North Dreamy Draw Drive
Phoenix - 85020
Date: 2nd Tuesday; Time: 4:00 PM
Meeting Contact: Gene Plum
gplum@mccarthy.com

Old Pueblo #53
Where: Varies
To Be Determined
Tucson
Date: Varies; Time: Varies
Meeting Contact: Larry Lucero, CPE
llucero@redlineinsulation.com

ARKANSAS
Arkansas #33
Where: Varies
To Be Determined
Little Rock - 72201
Date: Varies; Time: Varies
Meeting Contact: Carri Morones, CPE
aspe.carri@gmail.com

NW Arkansas #79
Where: Varies
To Be Determined
Bentonville
Date: TBD; Time: TBD
Meeting Contact: Carri Morones, CPE
aspe.carri@gmail.com

CALIFORNIA
Los Angeles #1
Where: The Barkley Restaurant
1400 Huntington Drive
South Pasadena - 91910
Date: 4th Wednesday, Jan. - Oct.
Time: 6:00 PM Social Hour
Meeting Contact: Bruce Danielson
lalotasp@outlook.com

Golden Gate #2
Where: Join
95 Minna Street
San Francisco - 94105
Date: 3rd Wednesday; Time: 6:00 PM
Meeting Contact: Gustav Choto
gustav@join.build

Orange County #3
Where: Ayres Hotel
325 Bristol Avenue
Costa Mesa - 92626
Date: 2nd Wednesday; Time: 5:30 PM
Meeting Contact: Dan Schottlander, CPE
dpschottlander@cox.net

San Diego #4
Where: Varies
To Be Determined
San Diego
Date: 3rd Tuesday; Time: 5:30 PM
Meeting Contact: Lisa Thibodeaux
Lisa@constructionclasses.com

Sacramento #11
Where: Rancho Cordova City Hall
2729 Prospect Park Drive
Rancho Cordova - 95670
Date: 2nd Friday; Time: 12:00 PM
Meeting Contact: Bryan Hall
bryan.hall@vanir.com

Silicon Valley #55
Where: Varies
To Be Determined
To Be Determined
Date: Varies; Time: Varies
Meeting Contact: Alan Jacobs, CPE
alan.jacobs@blach.com

COLORADO
Denver #5
Where: To Be Determined
To Be Determined
Denver
Date: 2nd Tuesday; Time: 5:00 PM
Meeting Contact: Paul Jonez
pjonez@gtc1.net

CONNECTICUT
Nutmeg #60
Where: Back Nine Tavern
245 Hartford Road
New Britain - 06053
Date: Varies; Time: 6:00 PM
Meeting Contact: Harrison Levy
klevy@petraconstruction.com

Delaware #75
Where: Varies
To Be Determined
Wilmington
Date: 2nd Wednesday; Time: 5:30 PM
Meeting Contact: Estel Taylor
etaylor@albireoenergy.com

DISTRICT OF COLUMBIA
Greater D.C. #23
Where: Jacobs
1100 North Glebe Road, Suite #12
Arlington - 22201
Date: 3rd Thursday; Time: Varies
Meeting Contact: Maurice Touzard, CPE
mtouzard@gmail.com
FLORIDA
Tampa Bay #48
Where: Mitchell’s Fish Market
204 West Shore Plaza
Tampa - 33609
Date: 3rd Tuesday; Time: 5:30 PM
Meeting Contact:
Jim Cummings
jim.cummings@edunn.com

Gold Coast #49
Where: To Be Determined
West Palm Beach
Date: TBD; Time: TBD
Meeting Contact:
Carri Morones, CPE
aspe.carri@gmail.com

Orlando #50
Where: Black & Veatch Offices
201 S Orange Avenue, Suite 500
Orlando - 32801
Date: 3rd Tuesday; Time: 6:00 PM
Meeting Contact:
Danny Chadwick, CPE
dkchadwick@bellsouth.net

GEORGIA
Atlanta #14
Where: Sage Woodfire Tavern
4505 Ashford Dunwoody Road
Atlanta - 30346
Date: 2nd Monday; Time: 11:45 AM
Meeting Contact:
Clinton Aldridge
clintonaldridge@gmail.com

ILLINOIS
Chicago #7
Where: Varies
To Be Determined
Downers Grove - 60515
Date: 3rd Thursday; Time: 6:00 PM
Meeting Contact:
Bryan Mixer, CPE
bmixer_rvc@msn.com

INDIANA
Central Indiana #59
Where: Varies
To Be Determined
Indianapolis
Date: 3rd Thursday; Time: 5:30 PM
Meeting Contact:
Chris Neal
cneal@summitconst.com

Old Fort #65
Where: Varies
To Be Determined
Fort Wayne
Date: Last Thursday; Time: Varies
Meeting Contact:
Thad Berkes
tberkes@designcollaborative.com

IOWA
Quad Cities #71
Where: Varies
To Be Determined
Davenport
Date: Varies; Time: Varies
Meeting Contact:
Keith Parker, CPE
keithparker@circlebco.com

Greater Des Moines #73
Where: Varies
To Be Determined
Des Moines
Date: 1st Thursday; Time: Varies
Meeting Contact:
Ray Conway
aspe.ia.73@gmail.com

LOUISIANA
New Orleans #9
Where: Varies
To Be Determined
New Orleans
Date: TBD; Time: TBD
Meeting Contact:
Jim Johnson
wamegojim@gmail.com

MAINE
Maine #37
Where: Varies
To Be Determined
Portland
Date: 1st Wednesday; Time: Varies
Meeting Contact:
John Brockington, CPE
jbrockington@woodwardcurran.com

MARYLAND
Baltimore #21
Where: Varies
To Be Determined
Baltimore
Date: Varies; Time: Varies
Meeting Contact:
Clint Townshend
ctownshend@phoenix-eng.com

MASSACHUSETTS
Boston #25
Where: Varies
To Be Determined
Boston - 02116
Date: Varies; Time: Varies
Meeting Contact:
Gregory Williamson, CPE
gwilliamson@bondbrothers.com

MICHIGAN
Detroit #17
Where: Auch Construction
65 University
Detroit - 48342
Date: 3rd Tuesday; Time: 5:15 PM
Meeting Contact:
Gerald McClelland
gmcclelland@auchconstruction.com

Western Michigan #70
Where: Varies
To Be Determined
Grand Rapids
Date: Varies; Time: Varies
Meeting Contact:
Mike Alsgaard, CPE
maalsgaard@fishbeck.com

LOUISIANA
New Orleans #9
Where: Varies
To Be Determined
New Orleans
Date: TBD; Time: TBD
Meeting Contact:
Jim Johnson
wamegojim@gmail.com
### MINNESOTA

**Viking #39**  
*Where:* To Be Determined  
*St. Paul*  
*Date:* Varies; *Time:* Varies  
**Meeting Contact:** Keith Parker, CPE  
keithparker@circlebco.com

### MISSOURI

**St. Louis Metro #19**  
*Where:* AGC St. Louis Training School  
6301 Knox Industrial Drive  
St. Louis - 63139  
*Date:* 3rd Friday; *Time:* 7:30 AM  
**Meeting Contact:** Keith Parker, CPE  
keithparker@circlebco.com

### NEVADA (CONTINUED)

**Las Vegas #72**  
*Where:* To Be Determined  
Las Vegas  
*Date:* 2nd Thursday; *Time:* Varies  
**Meeting Contact:** Chuck James, CPE  
wj@clarkcountynv.gov

### NEW JERSEY

**Garden State #26**  
*Where:* The Appian Way Restaurant  
619 Langdon Street  
Orange - 07050  
*Date:* 4th Tuesday; *Time:* Varies  
**Meeting Contact:** Jeffery Senholzi  
costnav@ptd.net

### NEW YORK

**New York #10**  
*Where:* To Be Determined  
New York City  
*Date:* Varies; *Time:* Varies  
**Meeting Contact:** Bruce Schlesier, CPE  
bruce_schlesier@msn.com

### NEW MEXICO

**Roadrunner #47**  
*Where:* Fiestas Restaurant  
4400 Carlise Boulevard NE  
Albuquerque - 87107  
*Date:* 1st Wednesday; *Time:* 5:30 PM  
**Meeting Contact:** Jimmy Sample, CPE  
jimmy.sample@bixbyelectric.com

### OHIO

**Buckeye #27**  
*Where:* To Be Determined  
Columbus  
*Date:* Varies; *Time:* Varies  
**Meeting Contact:** Keith Parker, CPE  
keithparker@circlebco.com

### OKLAHOMA

**Landrun-OK City #80**  
*Where:* Ingrid’s Kitchen  
3701 North Young Boulevard  
Oklahoma City - 73112  
*Date:* 1st Wednesday; *Time:* 11:30 AM  
**Meeting Contact:** Phyllis Battle  
pbattle@preconstructionservices.com

### OREGON

**Columbia-Pacific #54**  
*Where:* To Be Determined  
Portland - 97201  
*Date:* 3rd Tuesday; *Time:* Varies  
**Meeting Contact:** Leanne Legare  
leanne-legare@hoffmancorp.com

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**ASPE CHAPTER MEETINGS (CONTINUED)**

### NEBRASKA

**Great Plains #35**  
*Where:* To Be Determined  
Omaha  
*Date:* Varies; *Time:* Varies  
**Meeting Contact:** Keith Parker, CPE  
gmwfam5@gmail.com

### NEVADA

**Reno #12**  
*Where:* To Be Determined  
Reno  
*Date:* Varies; *Time:* Varies  
**Meeting Contact:** Stacie Flynn  
staciewflynn@gmail.com

### NEW YORK (CONTINUED)

**Western NY #77**  
*Where:* To Be Determined  
Rochester  
*Date:* TBD; *Time:* TBD  
**Meeting Contact:** Gregory Williamson, CPE  
gwilliamson@bondbrothers.com

### OHIO (CONTINUED)

**Southwestern Ohio #38**  
*Where:* To Be Determined  
Blu Ash - 45242  
*Date:* 3rd Thursday; *Time:* TBD  
**Meeting Contact:** Chris McCarthy  
chris.mccarthy@danis.com

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PENNSYLVANIA
Greater Lehigh Valley #41
Where: D’Huy Engineering Office
1 E. Broad Street
Bethlehem
Date: Varies; Time: Varies
Meeting Contact: William Watkins
www@dhuy.com

Three Rivers #44
Where: Webinar
To Be Determined
Pittsburgh
Date: TBD; Time: TBD
Meeting Contact: Siena Shilale
siena.shilale@aecom.com

Philadelphia #61
Where: Varies
To Be Determined
Philadelphia
Date: Varies; Time: Varies
Meeting Contact: Richard Baus
rickb@bencardino.com

Central Pennsylvania #76
Where: Loxley’s Restaurant
500 Centerville Road
Lancaster - 17601
Date: 2nd Wed; Time: 6:00 PM
Meeting Contact: Dan Dennis, CPE
dd@EGSConstruction.com

TEXAS
Houston #18
Where: Spaghetti Westerns
1608 North Shepherd
Houston - 77007
Date: 2nd Monday; Time: 6:00 pm
Meeting Contact: Dennis Pyland
dennis.pyland@gmail.com

Rio Grande #40
Where: Amigos Restaurant
2000 Montana Avenue
El Paso - 79903
Date: 1st Thursday; Time: 6:00 PM
Meeting Contact: Rodolfo Barba, CPE
rodolfobarba1@gmail.com

Dallas/ Ft. Worth #43
Where: See Chapter Website
To Be Determined
Varies: N. Dallas/Mid-Cities/Grapevine
Date: Varies; Time: Varies
Meeting Contact: Rick Wyly, CPE
rick@buildcostcontrol.com

UTAH
Great Salt Lake #51
Where: Varies
To Be Determined
Salt Lake City
Date: 3rd Thursday; Time: Varies
Meeting Contact: Phil Capell, CPE
president@aspe51.org

VIRGINIA
Richmond #82
Where: Baskervill
101 South 15th Street, Suite #200
Richmond - 23219
Date: 4th Wednesday; Time: 5:00 PM
Meeting Contact: TK Farleigh
tfarleigh@baskervill.com

Please Note: Information is subject to change. Report changes in your Chapter’s information with an email to Tina@ASPEnational.org
ASPE CORE VALUES

EDUCATION:
ASPE educates and mentors professional estimators for the sustainability of the construction industry.

PROFESSIONALISM:
ASPE promotes the lifelong pursuit of excellence and credibility in professional estimating.

FELLOWSHIP:
ASPE develops a fellowship of professional estimators that connects and leads the construction industry.