



# Application Package for Candidates to the ASPE Society Board of Directors

American Society of Plumbing Engineers  
6400 Shafer Court, Suite 350  
Rosemont, IL 60018  
(847)296-0002 • Fax: (847) 296-2963  
[aspe.org](http://aspe.org) [info@aspe.org](mailto:info@aspe.org)

Dear ASPE Member,

This Candidates Application Package should be completed in its entirety by any member who has decided to run for a position on the ASPE Society Board of Directors. This package must be submitted to the ASPE office no later than the deadline noted below to be considered as a Candidate in accordance with the Bylaws.

In addition to this Application Package, every Candidate must confirm they are currently employed in the Plumbing industry and submit a letter or provide another form of correspondence indicating approval of both family and their employer to undertake the requirements of serving as a member to the Society Board of Directors. Every Candidate must also include a current photograph in accordance with Chapter 10.16 Nominating of the P&O Manual.

The description, composition, and responsibilities of the Nominating Committee is listed in Chapter 8 of the P&O Manual. A few key points from that Chapter are as noted below:

- The list of Candidates for the Board of Directors shall include the name of any member submitting their application for consideration who meets the requirements of the Society's Bylaws.
- The Committee shall interview all Candidates to determine if they are qualified to hold the Board position they are seeking. If the Committee does not feel the Candidate is qualified to hold the position they are interested in, the Committee may recommend that the Candidate consider running for a different position.
- Based on the information gathered during the interview process of each Candidate, the Committee shall prepare a slate that lists one recommended individual for each position, and this list shall be referred to as the "Recommended Slate of Officers". The Recommended Slate of Officers shall be the top-rated Candidate for each Board position as ranked by the Nominating Committee.

The next election of Board members will take place during the ASPE Biennial Business Meeting. The information provided by the Candidates in this Application Package, the letter or correspondence indicating family approval and if possible, similar correspondence relative to employer approval, and the Slate of Officers from the Nominating Committee, will help the members and Delegates make an informed decision when casting their vote during the election of the Society Board of Directors.

Thank you for your interest as a Candidate to the ASPE Board of Directors.

Sincerely,

A handwritten signature in black ink, appearing to read 'Mitchell J. Clemente', with a long horizontal flourish extending to the right.

Mitchell J. Clemente, CPD, FASPE  
Nominating Committee Chair

*Package must be submitted by May 8, 2020*



April 26, 2020

Mitchell Clemente, CPD, FASPE  
ASPE Past-President/Nominating Committee Chairman  
American Society of Plumbing Engineers  
6400 Shafer Court, Ste. 350  
Rosemont, IL 60018

RE: 2020-2022 Society Board Position of Director – Region 3

Dear Mitch:

Enclosed is my Application Package for Candidacy to the ASPE Board of Directors. I am pleased to submit this application for the position of Director – Region 3.

I have the backing of my wife and my business partners to run for a board position. I have been associated with ASPE for 35 years and look forward to this opportunity to continue my support and give back to ASPE.

Please do not hesitate to contact me with any questions or if you require additional information.

Sincerely,

Curtis A Ray, Jr., CPD, FASPE  
Owner/Principal/Senior Plumbing & Process Designer



April 26, 2020

Mitchell Clemente, CPD, FASPE  
ASPE Past-President/Nominating Committee Chairman  
American Society of Plumbing Engineers  
6400 Shafer Court, Ste. 350  
Rosemont, IL 60018

RE: Curtis Ray's 2020-2022 Society Board Candidacy

Dear Mr. Clemente:

We hereby attest that we fully understand the duties and responsibilities that Curtis Ray will be expected to undertake as a member of the ASPE Board of Directors. Phoenix Engineering Group, Inc. (Phoenix) is willing to provide him with time necessary, as long as it is understood that such time is based on his additional volunteer time outside his duties and responsibilities to Phoenix.

In addition, we agree that Curtis shall be permitted the necessary time off so that he may perform the duties as responsibilities of an ASPE Board member. Furthermore, we understand that Phoenix shall not be required or expected to provide any direct expense reimbursement for this employee when he is conducting the business of the Society.

Sincerely,  
Phoenix Engineering Group, Inc.

Rhett Jackson, PE  
CEO

John Mizak, PE  
CFO

Chad West, PE



1804 Rensselaer Dr.  
Wesley Chapel, FL 33543  
813-486-4142  
Aprilray1958@gmail.com

# April G. Ray

April 10, 2020

Mitchell Clemente, CPD, FASPE  
ASPE Past-President/Nominating Committee Chairman  
American Society of Plumbing Engineers  
6400 Shafer Court, Ste. 350  
Rosemont, IL 60018

RE: Curtis Ray's 2020-2022 Society Board Candidacy

Dear Mr. Clemente,

Please accept my endorsement for my husband to serve on the ASPE Society Board of Directors for 2020-2022. I know my husband's commitment to ASPE is deep within him and he will serve the Society well.

I am fully aware of the position's requirements and the commitment required by the position. If you have any questions or concerns, please do not hesitate to contact me.

Warm regards,

April G. Ray





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Rosemont, IL 60018  
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## STATEMENT OF INCLINATIONS, INTERESTS AND AFFILIATIONS (To Help Determine Potential Sources of Bias and Conflict of Interest)

Name: Curtis A Ray, Jr., CPD, FASPE Telephone (day): 813-963-0888  
Telephone (evening): 813-477-5850 E-mail: curt@phoenixeng.us  
Address: 1804 Rensselaer Dr City: Wesley Chapel State: FL Zip: 33543  
Company (Employer): Phoenix Engineering Group, Inc. Title: Principal/Senior Plumbing Designer  
Company (Employer) Product or Service: Engineering Services ASPE Membership # WCF9516F  
Chapter Affiliation: West Coast Florida  
Preferred ASPE Society Board of Directors; if no preference please state "None": Director - Region 3

The responsibility for completing and submitting this statement of inclinations, interests and Affiliations rests solely with the individual completing this Application Package. Please reference the next page for guidelines and definitions, and submit only the information that is relevant and merits disclosure regarding:

1. All ASPE policies with respect to interest categories and as related to any bias and conflict of interest.

### Instructions:

- A. Please make sure to include a cover letter of interest to the Nominating Committee addressed to the Nominating Committee Chair.
- B. Include a letter or other correspondence from both your employer and family stating their approval and support of you pursuing this position. This letter or correspondence is a vital piece to your application and will demonstrate that your family and employer are fully aware of the responsibilities that comes along with serving on the Society Board of Directors, and that serving on the board will require you to be away from family and your place of employment for certain periods of time.
- C. Contact the Nominating Committee Chair if you have any questions regarding the completion of this form.
- D. When this form has been completed, sign, date and return it as shown below. Attach additional pages if necessary and retain a copy for your records.
- E. A statement of inclinations, interests and affiliations does not prevent candidacy to the Board of Directors but is for the purpose of notifying the members and the delegates of any bias or potential bias.
- F. If there is no information to be reported, write the word "NONE" in the space provided.

If the Candidate is elected and during your period of service on the Board, any changes in information reported on this form, or any new information relevant to the question of potential bias or conflict of interest should be promptly reported to the ASPE Board of Directors and the ASPE Executive Director/CEO.

### 1. ORGANIZATIONAL AFFILIATIONS.

Report relevant present and past business relationships (as an employee, owner, officer, director, consultant, member, etc.) and relevant remunerated or volunteer non-business relationships (e.g., professional organizations, trade associations, code organizations, lobbying groups, public interest or civic groups, and trade magazines). Include specific activities and committee involvements.

### 2. PUBLIC STATEMENTS AND POSITIONS.

List relevant articles, testimony, speeches, etc. by date, title and publication (if any) in which they appeared. Provide a brief description of relevant positions of any organizations or groups with which you are or have been closely identified or associated.

**Curtis A Ray Jr, CPD, FASPE**

Signature



Digitally signed by Curtis A Ray Jr, CPD, FASPE  
DN: cn=Curtis A Ray Jr, CPD, FASPE, o=Phoenix Engineering Group, ou, email=curt@phoenixeng.us, c=US  
Date: 2020.04.27 12:57:05 -04'00'

Date

# GUIDELINES AND DEFINITIONS

## Bias

The question of potential sources of bias ordinarily relates to views stated or positions taken that are largely intellectually motivated or that arise from the close identification or association of an individual with a particular point of view or the positions or perspectives of a particular group. Such potential sources of bias are not disqualifying for purposes of the Society Board of Directors. It is necessary, however, in order to ensure that the members and the Delegates are aware of potentially biasing backgrounds or professional or organizational perspectives.

## Conflict of Interest

It is essential that the work of the ASPE Society Board of Directors not be compromised by any significant conflict of interest, or in some circumstances the significant appearance of conflict of interest, on the part of any member of the Board or anyone associated with the Board (e.g., consultants and staff). For this purpose, the term "conflict of interests" means any financial or other interest that conflicts with the service of an individual because it (1) could impair the individual's objectivity or (2) could create an unfair competitive advantage for any person or organization. The existence of a significant conflict of interest is important information to the membership and the delegates.

## How conflicts of interest arise

1. The Society Board of Directors includes individuals with strong personal, financial, or professional interests in seeing that the Society recommend or produce a particular outcome.
2. An agency, a sponsor, or a private organization or company attempts either to influence the Society Board members or to skew the body of information reviewed by the Board of Directors.
3. The conflicts of interest or bias can arise concerning individual points of view especially on contentious issues. For the Board of Directors, nearly all of the people of relevant competence have backgrounds of connections and experience that constitute, or can be construed by others as constituting, potential sources of bias in one direction or another. It may, therefore, be difficult to find individuals with the pertinent knowledge who have not been involved previously with an issue that will come before the Board. Such situations are resolved by the membership and the delegates by selecting a carefully balanced consensus-forming body so that all points of view can be represented.

## To avoid conflicts of interest

Adhere to ASPE policies and procedures. These policies and procedures include specific questions and assessments prior to the election of officers to the ASPE Society Board of Directors to bring possible conflicts of interest to the attention of the membership and the delegates. Two essential parts of this process are, prior to the election of officers, completion of a short statement of inclinations, interests and affiliations that lists professional connections and indicates any positions taken in relevant public statements, and any other interaction between the Candidates and Delegates during the biennial Convention.

## CANDIDATE APPLICATION FOR ASPE BOARD OF DIRECTORS

[Please Type or Print]

### 1. Education

Education Level	Name of Institution	Major/Course of Study	Years Completed	Date of Graduation	Degree Earned
High School	Ridley Senior High School	Vocational Technical	3	1975	State GED
Technical School	Williamson College of the Trades	Carpentry	3	1977	Associates Degree
College or University					
Graduate Studies or Other					

### 2. Certification and Registration

A. Are you Certified In Plumbing Design (CPD)?

☒

Yes

☐

No

B. Are you a Certified Plumbing Design Technician (CPDT)?

☐

Yes

☒

No

C. Do you hold the Green Plumbing Design Certificate (GPD)?

☐

Yes

☒

No

D. Are you a Registered Engineer?

☐

YES

☒

NO

Number of States: \_\_\_\_\_

List States: \_\_\_\_\_  
\_\_\_\_\_

C. Other (Specify): \_\_\_\_\_

### 3. Professional Experience (Include Each Position)

Date		Employer	Title	Describe Duties/Responsibilities (e.g. design, codes, sales, etc.)
From	To			
		SEE ATTACHED APPENDIX A		

(can continue on next page)



### 3. Professional Experience (continued)

Date		Employer	Title	Describe Duties/Responsibilities (e.g. design, codes, sales, etc.)
From	To			

#### 4. ASPE History

A. Please Provide:

a. Year Joined ASPE: 1985

b. Initial Membership Grade: Associate

c. Current Membership Grade: Full

B. Society Activities:

a. Society (National) Offices Held

Date		Society (National) Office/Position	Position
From	To		
		NONE	

b. Society (National) Committees and Other Activities

Date		Name of Society (National) Committee/Working Group or Other Activity	Society (National) Position
From	To		
2004	2010	Standards Committee, Venting Work Group	Chairman
2011	2020	Research Foundation Board of Directors	Vice President
2011	2020	Research Foundation Board of Directors	Vice President
2018	2019	ASPE Nominating Committee	Region 3 Representative
2019	Present	ASPE Membership Committee	Committee Member

C. Chapter Activities:

a. Chapter Offices Held

Date		Name of Chapter	Chapter Office/Position
From	To		
1995	1998	Philadelphia	Vice President Membership
1998	2000	Philadelphia	Vice President Technical
2000	2003	Philadelphia	President
2007	2009	West Coast Florida	Vice President Technical
2009	2018	West Coast Florida	President
2018	2020	West Coast Florida	Chapter Ambassador

b. Chapter Committees and Other Activities

Date		Name of Chapter	Name of Chapter Committee or Other Activity
From	To		
		NONE	

5. Membership and Activities in Other Societies or Associations

Society or Trade Association	Year Joined	Membership Grade	Committee/Activity	Date		Position
				From	To	
NFPA	2006	Engage	None			
ICC	2006	Bldg Safety Prof	None			

6. Technical Interest Areas (e.g., system design, equipment selection, specification preparation, codes, etc.)

My company specialty is MEP for pharmaceutical & nutraceutical facilities. The specialized system within these facilities are of great interest to me. Some of these systems are purified water, clean compressed air, and hazardous chemical distribution systems.

## 7. General or Society Interest Areas (e.g., technical, education, legislative, membership, finances, AYP, WOA)

I have always been interested in membership. I currently serve as a committee member on the membership committee. To me membership is the key to our organization or any organization. Without a strong growing membership, a society will falter and fail.

## 8. Honors and Awards [e.g., honors, awards (list ASPE's first)]

Honor or Award Received	Organization Received From	Date Received
SEE ATTACHED APPENDIX A		

## 9. Publications Authored

Number of Books/Manuals: 0      Number of Papers: 0      Number of Articles: 0

List up to five (5) significant publications. Attach additional list, if needed.

Title	Publisher or Publication	Date Published
NONE		

## 10. Patents, Registrations or Trademarks Owned

Number of Patents: 0      Number of Trademarks or Registrations: 0

Patent/Registration/Trademark Number	Describe Patent/Registration/Trademark	Date Issued
NONE		

## 11. Projects

List up to five (5) significant projects. Attach additional list, if necessary.

Project Name or Description	Year Completed	Your Role in Project	Significance of Project
SEE ATTACHED APPENDIX A			

## 12. Civic, Charitable and Military Service

In the past I was a Scout Master for many years along with several other positions in the local Cub Scout troop.

13. Your answers to the following questions will help the members and delegates better understand each candidates position and goals as they make the best possible informed decision when electing officers to the Society Board of Directors. If you need additional space, use additional sheets of paper. Reminder, however, you fill in this form (e.g., hand written, printed, typed, etc.) is how it will be presented to the members and Delegates.

**13A: Why are you running for this position on the Society Board of Directors, and what makes you stand out from all the other potential Candidates?**

I have served as a local chapter president for close to 12 years (3 in Philadelphia and 9 in West Coast FL) and I am confident that I have the ability to serve the Region well as their Director. My organizational skills as a chapter leader will be key in my ability to be a Region Director, plus I have worked under several excellent R3 Directors, David Anelli, Jim Zebrowski and currently Steve Mastley. These 3 excellent leaders are good examples as to how a Region should be managed.

**13B: What do you suggest we do immediately to better the Society, and what you would do personally to accomplish this goal?**

At the present time I can't think of anything that needs immediate change. With the Society developing ASPE Connect (which is an excellent member benefit) and rolling out the new web site, we are on a progression of bettering us as a whole. My only comment is keep the communication open and growing. Society transparency is a must to the membership.

**13C: Every position on the Society Board of Directors has an effect on membership. Regardless of which position you are running for; how do you plan on retaining and growing our membership base?**

This is an ongoing struggle with ours or any Society. I have always stressed member retention which is why I took the roll as Chapter Ambassador. Members need to reach out to other members. Board Members (Chapter and Society) need to reach out all members especially to new members, in person (face-to-face or phone call). Making every member feel like they matter and are appreciated. If we were able to retain 90% of all members who drop their membership, I feel our overall numbers would be staggering. Make them feel needed and give their membership value they can't do without.

**13D: ASPE is a volunteer Society. How do you plan on getting our members more involved at the Chapter and Society levels to help advance our initiatives, and support our mission statement?**

Getting members involved at the Chapter level is the first step. Finding out what the Chapter members' needs and wants are is important. Personal contact is key, face-to-face is the best but phone calls are also important. The Chapter Board of Directors need to set up a procedure for contacting the members, especially the ones who don't currently participate in the Chapter meetings or events.



**13E: What types of new programs/initiatives should ASPE be developing immediately in order to reach a larger market of potential new members and industry partners?**

We need to develop a relationship with other organizations like ISPE (International Society for Pharmaceutical Engineering). This society has over 18,000 members a lot of who are piping designers using plumbing principals. ASPE could develop additional design guidelines for the Life Science Industry.

**13F: If elected, what specific short term ideas do you have to advance the Society, and what long term plans do you have for the future of ASPE?**

On the Short Term goals, reaching out to organizations with whom we do not currently have Memorandum Of Understandings (MOU) with. With regards to the Long Term goals, developing deeper relationship with organizations we currently have MOU with.

**13G: Membership has increased over the past few years. With the introduction of the Women of ASPE (WOA) and ASPE Young Professionals (AYP), the Society is beginning to obtain a younger member base. What are your thoughts and ideas to increase membership to new record numbers? What are your ideas for recruiting and retaining both younger and previous members? What are your ideas for addressing the large age gap between younger and older members?**

Membership increases will be seen when we can figure a way to reduce the number of members who drop their membership. Ways to recruit and retain younger members are thru student chapters and trying to reach out to High School and even Junior High students to show them that being a plumbing designer is a much needed profession and valuable one. Like I previously said we need to make our profession seem interesting to the younger people.

**13H. ASPE has continuously relied on the affiliate member organizations to support the Society. What are your ideas to change this and how can we get our members to help support the Society other than with dues.**

I don't think we are the only Society that deals with this question. I feel in order to try and move away from an Affiliates sponsored Society we need to have a membership that is willing to step up to possible higher dues (Boooo!). Trouble is way too many engineering companies don't appreciate their plumbing engineers/designers as well much as they do their HVAC or Electrical ones. I know many engineering companies jump at supporting their ASHRAE members over ASPE members. We need to develop an educational tool geared towards these companies higher management and educate them on how important a plumbing engineer/designer is, then things might slowly change, but it won't be over night.

**13I. What should ASPE be doing for the membership that they are not currently doing?**

Making sure the benefits the members are receiving are member only. Data books should only be available to members and locked down. There are many publications out there (NFPA codes for example), when I subscribe NFPA to get them and down load them my name is on document. That document is mine and no one else's. We have too many benefits that non-members have access to.

## 14. ATTESTMENT OF CANDIDATES

1. As a Candidate to the Society ASPE Board of Directors, I hereby grant the American Society of Plumbing Engineers (ASPE) the non-exclusive, royalty-free rights, including nonexclusive, royalty rights in copyright, to any contributions I make to documents or material I prepared for ASPE and I understand that I acquire no rights in publication of such documents in which my contribution or other similar analogous form is used. I hereby attest that I have the authority and I am empowered to grant this copyright release.
2. If elected as a member of the ASPE Society Board of Directors, I understand that expenses I may incur in my official capacity as an officer of the Society Board shall be reimbursed in accordance to the official Society travel policies and that all such expenditures require budget authorization and must be approved in advance by the Society President and/or Executive Director/CEO.
3. I hereby attest that all information provided in the Candidate Application for the ASPE Society Board of Directors and the Statement of Inclinations, Interest and Affiliations are true and accurate representations of my interests, affiliations and background and do not believe I have any conflict of interest that would affect my serving as an officer of, and member of the Board of, the American Society of Plumbing Engineers.

Please sign below and return to:

American Society of Plumbing Engineers  
c/o Nominating Committee  
6400 Shafer Court, Suite 350  
Rosemont, IL 60018  
(847)296-0002 • Fax: (847) 296-2963  
[aspe.org](http://aspe.org) • [info@aspe.org](mailto:info@aspe.org)

Curtis A Ray Jr., CPD, FASPE

April 27, 2020

Name (print)

Curtis A Ray Jr, CPD,  
FASPE

Digitally signed by Curtis A Ray Jr, CPD, FASPE  
DN: cn=Curtis A Ray Jr, CPD, FASPE, o=Phoenix  
Engineering Group, ou, email=curt@phoenixeng.us,  
c=US  
Date: 2020.04.27 12:57:17 -04'00'

Date

Signature



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## CANDIDATE APPLICATION FOR ASPE BOARD OF DIRECTORS – APPENDIX A

### 3. Professional Experience (Include Each Position) (CONTINUED)

#### PHOENIX ENGINEERING GROUP – Tampa, FL

Engineers

Owner/Principal/Senior Plumbing & Process Designer – April 2006 to Present

- Corporate Principal
- Project Scope Development
- Code Research & Analysis
- Engineering Calculations
- System Schematics & Concepts
- System Engineering & Design
- Specification Writing
- Equipment Selection
- Construction Observation
- Forensic Studies
- Develop and maintain company procedures and standards

#### INTEGRATED PROJECT SERVICES – Lafayette Hill, PA

Engineers & Construction

Plumbing Design Supervisor - Apr 2000 to April 2006

- Direct supervision of 6 person Plumbing Department
- Manpower projections and scheduling
- Plumbing, process piping & fire protection design
- Engineering calculations
- Engineering analysis reports and recommendations
- Managing Project schedule
- Prepares Bid Packages
- Expedites Deliveries
- Compiles Field Observation Reports

#### GILLAN & HARTMANN, INC. - Valley Forge, PA

Engineers

Design Engineer - Aug '1999 to Apr '2000

- HVAC, plumbing & fire protection design
- Engineering calculations
- Engineering analysis reports and recommendations

#### FLUOR DANIEL CHINA - Xiamen, China

Construction

HVAC Engineer - Jul '99 to Aug '99

- Site HVAC Engineer for multi-million dollar Kodak project in China.
- Commissioning and Start-up Troubleshooting
- Report writing and design resolution

#### FLUOR DANIEL IRELAND LIMITED - Ringaskiddy, Co. Cork, Ireland

Construction

Site Plumbing Engineer - Feb '99 to Jul '99

- Site Plumbing Engineer for multi-million dollar pharmaceutical project in Ireland.
- Field engineering for Client changes during construction.
- Supervising the installation of all Plumbing within the facility

#### FLUOR DANIEL - Marlton, New Jersey

Engineers & Constructors

Plumbing Design Supervisor – Jul. '96 to Feb. '99

- Developed Plumbing CADD standards for the Marlton Office.
- Instructor for in-house plumbing design course.
- Develop Scope of Facilities & Scope of Services
- Code research & Engineering calculations
- Detailed design

#### BERGMANN ASSOCIATES - Glenside, Pennsylvania

Engineers, Architects, Planners

Senior Mechanical Designer - Oct. '92 to Jul. '96

- HVAC, plumbing & fire protection design
- Engineering calculations
- Engineering analysis reports and recommendations

## CANDIDATE APPLICATION FOR ASPE BOARD OF DIRECTORS – APPENDIX A

### DANGOVETSKY-KOHLER ASSOCIATES, INC. - Jenkintown, Pennsylvania

#### Mechanical Consulting Engineers

Chief HVAC & Plumbing Designer - Oct. '85 to Oct. '92

- HVAC & plumbing team leader.
- Project management & Project design & coordination.
- Development and management of a complete office CAD system (AutoCAD).
- Office & CAD system management (AutoCAD).

### JOHN F. HARKINS COMPANY, INC. - Lansdowne, Pennsylvania

#### Mechanical Contractors

Assistant Project Manager/Plumbing Designer - Jan. '84 to Oct. '85

- Hired as a draftsman progressed to Assistant Project Manager.
- Plumbing designing and coordination on a high rise condominium and casino project.
- Field coordinated plumbing designs with HVAC, fire protection, electrical trades.

### MacCABE ELECTRICAL CONDUCTORS COMPANY - Willow Grove, Pennsylvania

#### Manufacturer of Custom Electrical Components

#### Drafting Supervisor

- Successful management of a drafting department.
- Development and management of a drawing filing system.
- Coordination of sketches between manufacturing and drafting.

### SPIVEY COMPANY - Concordville, Pennsylvania

#### Manufacturer of Custom Package Conveyors

#### Design Draftsman

- Designer/Draftsman of package conveyors.
- Field observation for the installation of conveyor systems.
- Design & drafting assistance in the design and development of new prototype conveyor for United Parcel Service (UPS).
- Liaison between engineering and manufacturing.

### CURTIS A. RAY, JR. CONSTRUCTION CONSULTANT - Woodlyn, Pennsylvania

#### Residential & Commercial Construction, Remodeling, Design & Evaluations

- Hired under sub-contract to build 3 homes ranging in price from \$85,000 to \$175,000.
- Direct contract with owners for kitchen & bath renovations, additions, windows and concrete work.
- Layout and design of all work with owners.
- Construction scheduling & purchasing of materials.
- Actual construction.

## 8. Honors and Awards [e.g., honors, awards (list ASPE's first) (CONTINUED)]

Chapter Award of Merit, Philadelphia Chapter ASPE	ASPE	2000 - 2001
Chapter Award of Merit, Philadelphia Chapter ASPE	ASPE	2001 - 2002
Chairman's Award, Region 1, Philadelphia Chapter ASPE	ASPE	2002
Special Award of Achievement, West Coast Florida Chapter	ASPE	2004
Research Foundation Certificate of Appreciation, West Coast Florida Chapter	ASPE	2011 - 2012
Chapter Award of Merit, West Coast Florida Chapter	ASPE	2010 - 2011
Director's Award, Region 3, West Coast Florida Chapter	ASPE	2011
Chapter Award of Merit, West Coast Florida Chapter	ASPE	2012 - 2013
Chapter Award of Merit, West Coast Florida Chapter	ASPE	2013 - 2014
Research Foundation Certificate of Appreciation, West Coast Florida Chapter	ASPE	2013 - 2014
Director's Award, Region 3, West Coast Florida Chapter	ASPE	2013
Director's Award, Region 3, West Coast Florida Chapter	ASPE	2014
Director's Award, Region 3, West Coast Florida Chapter	ASPE	2015
Director's Award, Region 3, West Coast Florida Chapter	ASPE	2017
Director's Award, Region 3, West Coast Florida Chapter	ASPE	2018
ASPE Chapter Humanitarian Award, West Coast Florida Chapter	ASPE	2018

## CANDIDATE APPLICATION FOR ASPE BOARD OF DIRECTORS – APPENDIX A

### 11. Projects

Project Name or Description	Year Completed	Your Role in Project	Significance of Project
Pharmaceutical Addition and Renovation Installation of a Glatt 60 Fluid Bed, Fit-out for and R&D Lab	Under Construction	Lead Process & Plumbing Designer	Needed expansion to and existing facility to meet production needs
St. Petersburg High School Campus wide renovation and building, including a new 2-story full service cafeteria with home economics classroom and art labs. The project also included a new campus fire pump with sprinklers added to all existing buildings.	Under Construction	Lead Plumbing & Fire Protection Designer	100 year historical school renovation
Catuplut, Lakeland, FL 40,000 Co-Working space, massive maker space with hundreds of thousands of dollars of high tech equipment, a commercial kitchen, large co-working spaces, small individual offices, a conference room, and an assembly hall.	Under Construction	Lead Plumbing & Fire Protection Designer	A business incubator for the City of Lakeland
Concept Study for a Facility Expansion Project. 66,460 sq.ft. building addition which will house all administration functions, full service cafeteria with kitchen and serving line, along with a microbiological lab and chemistry labs. 61,060 sq.ft manufacturing and support build-out. 35,230 building for maintenance, staging warehouse and reclamation center.	2018	Project Manager, Lead Process & Plumbing Designer	Determine expansion required to meet current market expectations.
Titusville Transfer Station, A prefabricated metal building on a concrete foundation. The inside of the building will have two levels. The transfer trailer “tunnel” and the tipping floor.	Under Design	Lead Plumbing & Fire Protection Designer	Needed to replace and existing failing facility