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PLAN EXCELLENCE AWARDS RECOGNIZE HIGH-QUALITY PLANS FOR FUTURE DEVELOPMENT

Fairfax's redevelopment can be seen in every corner of the County, but few see how it all starts— as carefully engineered plans that are reviewed by experts to ensure that the environment and the health and safety of residents are adequately protected. To recognize high-quality development plans submitted to Fairfax County for review, the Engineers & Surveyors Institute (ESI) and Fairfax County's Department of Land Development Services (LDS) have developed the first annual ESI/LDS Plan Excellence Awards.

ESI partners with the County in a variety of ways by bringing public and private sector partners together to promote and improve education, collaboration and design plan quality. County review typically is conducted by many different agencies, but is coordinated by a plan reviewer in LDS's Site Development and Inspections Division. Before a permit to disturb land is issued, staff review such items as erosion and sedimentation controls, drainage and water quality provisions, adequate tree cover and landscaping, and other issues affecting the integration of the proposed development into the

surrounding environment. The speed and efficiency of this process is a result of a successful partnership between ESI, the applicant and County staff.

The ESI/LDS Plan Excellence Awards highlight plans that were prepared with utmost care and attention to detail, allowing the review process to move quickly to completion. The high-quality plans recognized this year demonstrate the importance of close collaboration between government and the private sector to ensure a bright future for Fairfax County. The winners of the ESI/LDS Plan Excellence Awards were honored at an event held at the ESI headquarters in Chantilly, Va.

The 2017 Winners:



Capital One Block C – William H. Gordon and Associates

Pictured left to right: Jeff Blackford, Steve Pandish, Chris Freshour, Kelsey Ryan, James Williams, Rob Walker, Bill Hicks, Bruce McGranahan. Not pictured: Megan Newberger

The site plan for "Capital One Block C" is part of Capital One's 5.2 million-square-foot project, a major development that is key to remaking Tysons into Fairfax County's urban downtown. Once constructed, Capital One Block C will be a mixed-use building including retail, a conference center and a hotel with associated structure parking and related utilities. It is located next to the under-construction 32-story Capital One headquarters and will include a Wegmans grocery store.

The first submission of this project’s site plan was detailed and thorough, exhibiting best practices for site plan submission. Specifically, the detailed information about stormwater mitigation was provided, which often does not appear until the second submission. In addition, the engineer ensured that the details and the computations were consistent throughout the plan.



Arrowbrook Centre Landbays B1 and C1 – Pennoni

Pictured left to right: Jeff Blackford, Jonathan Bondi, Diana Kincaid, Nadejda Burdiuja, Marco Restivo, Brian Swanson, Bruce McGranahan, Bill Hicks. Not pictured: Nisha Cheriathundam

The Arrowbrook Centre Landbays B1 and C1 is part of a larger project located west of Centreville Road and South of the Dulles Toll Road. This section of the project includes multi-family units and a dog park. An innovative strategy to manage stormwater is being provided with the utilization of Jellyfish, Filterras, urban bioretention tree pits and a bioretention area. The first submission of this plan contained very specific detail that went above and beyond what is seen on a typical site plan. This made the plan review, including waiver review, go smoothly for the many review agencies. Also, the applicant included some “wish list” items that were not required for approval, but were offered as suggestions by the County to improve the design. The Arrowbrook Centre project is one of the first projects to go through Fairfax County’s pilot Project Management Program, which assigns a specific project manager to help the applicant navigate the development review process. This plan was truly a collaborative effort between the developer, engineer and County staff.



749 Chain Bridge Road, McLean VA – Land Development Consultants (Infill Plan)

Pictured left to right: Jeff Blackford, Ron Rice, John Manganello, Bruce McGranahan, Bill Hicks.

From January through September 2017, over 700 Infill Grading plans have been reviewed, which are proposals to develop or redevelop a single-family residential lot that is generally surrounded by land which has already been developed. This particular infill plan was for a residence with a building footprint of approximately 5,000 square feet, a swimming pool and drainfield. This plan is being recognized for its clarity and very easy-to-follow layout. The outfall analysis and the stormwater design information were clear and comprehensive, covering all the requirements in detail.



2017 ESI INSTRUCTOR HALL OF FAME

Please join ESI in congratulating those instructors in the final quarter of 2017 who fulfilled their teaching commitments with excellence. The following individuals gave presentations that were rated “outstanding” by the majority of their students—a truly outstanding accomplishment!

2017 LDE Semester 2 Instructors of the Year:

John Rinaldi & Brent Evans were the only subject matter experts to have 100% of their students rate their class “Outstanding”!!

Steve Richter also achieved an exceptional score as 92% of his students rated his class “Outstanding”!

2017 Fundamentals of Land Development Instructors of the Year:

Anita Tierney and Don Lacquement, in Session 1: Jurisdictional Overviews, were the only subject matter experts to have 100% of students rate their presentation “Outstanding”!!



ESI's Overall Instructor of the Year:

ESI's most prestigious education honor goes to **Walt Hamilton**, who taught in this year's LDE Semester 2, Fundamentals Program, and Fairfax County Policy & Procedure Update Class, delivering every presentation with excellence. A special thanks to this remarkable individual for his extraordinary support of ESI, his excellent instructional skills, and his selfless willingness to share his time and expertise with the land development community!



A SPECIAL THANK YOU

All of ESI's Education programs are dependent upon the special people who selflessly give of their time and effort to share their expertise with our members. Without this help we would not be instrumental in aiding the Land Development community, so we wish to acknowledge the following for their instructional help and leadership in the industry.

Land Development Engineering Semester 2:

- Joe Caterino (Angler Environmental)
- John Matusik (Fairfax County)
- Piotr Swietuchowski (VHB)
- Ed Umbrell (Dewberry)
- Kathleen Whitten (Loudoun Water)
- Sergio Quiroga (Fairfax County)
- Mike Paruti (Fairfax County)
- Steve Richter (Richter & Associates)
- Walt Hamilton (Fairfax County)
- John Rinaldi (christopher consultants)
- Brent Evans (christopher consultants)
- Lloyd Ntuk (Land Engineering, PLC)
- John Cummings (Rinker Design Associates)

Fundamentals of Land Development 2017:

- Anita Tierney (Loudoun County)
- Ross Stilling (Fairfax Water)
- Mike Paruti (Fairfax County)
- Don Lacquement (Fairfax County)
- Ian Fuze (Fairfax County)
- John Zuiker (Loudoun County)
- Walt Hamilton (Fairfax County)
- Pam Pruett (Environmental Systems Consulting, LLC)
- Mark Headly (Wetland Studies & Solutions)
- Lee Ann Hall (VDOT)
- Camyllyn Lewis (Fairfax County)
- Prutha Rueangvivatanakij (Fairfax County)
- Ryan Sauder (Loudoun County)
- Jamie Fultz (Loudoun County)

Fairfax County Policy & Procedure Presentation:

- Bruce McGranahan
- Andrew Hushour
- Alysia Gaskins
- Walter Hamilton
- Katalin Barczay
- Daun Klarevas
- Lee Ann Hall (VDOT)

Fairfax County LDE Jurisdictional Course:

- Viktoriya Kurbatova
- Bruce McGranahan
- Aaron Klibaner
- Cathy Belgin
- Steve Crowell (VIKA)
- Crystal Hamrick
- Matthew Hansen
- Ian Fuze

Loudoun County Policy & Procedure Presentation:

- Gary Clare

Loudoun County LDE Jurisdictional Course:

- Hector Martinez
- Eric Jewel
- Jackie Harlow (Turner & Kinney)
- Gary Clare

Prince William Policy & Procedure Presentation:

- Wade Hugh
- Steven Hall
- Chris Price
- Raj Bidari
- George Phillips
- Rebecca Horner
- Matt Smolsky



ESI EDUCATION REVIEW COMMITTEE

ESI is committed to the design and delivery of high quality and timely educational opportunities for our members. To help us in the review and revision of current programs, the design and delivery of new educational opportunities and discussion about emerging adult education methods and trends, we would like to form an ESI Education Review Committee. Participants will receive credit for one Professional Development elective. If you are interested in contributing to this effort, please contact Becky Newlen by phone at (703) 263-2232 or by email at bnewlen@esinova.org before the end of February.



WHAT'S NEW IN EDUCATION?

All of us at ESI hope you enjoyed a wonderful holiday season and are now looking forward to this new year! The Education Department is excited about our upcoming academic programs for 2018. The Professional Development program offers 21 elective classes, including four site visits. In addition, ESI will again partner with DEQ to offer a two-day course in March on Inspector for Erosion and Sediment Control.

Emails were sent out to announce that these classes are available online and included instructions for enrollment. There are also links to our 2018 Catalog and Instructions for Enrollment in Professional Development classes on the Education page of our

website. Enroll in your three annual electives early for the best class selection. Our Professional Development classes begin January 25 and conclude on May 31. ESI's Education page can be found here: <http://www.esinova.org/Education/Education.htm>.

Our critical Focus Group Workshop is offered as a class elective as well, and will be held on June 20 to help develop ESI's Professional Development curriculum for the following academic year. We have enjoyed a great response in recent years, which has significantly improved our academic offerings, and encourage as many of you as possible to become involved!

The Education Department is preparing to launch the 2018 Land Development Engineering Program on Tuesday, February 6. Don't miss this once-a-year opportunity to help your professionals qualify to become DPEs and gain a better understanding of the procedural and technical aspects for accomplishing plan approval in the local Northern Virginia area. The curriculum and schedule for Semester 1 can be accessed by a link on the Education page of our website. Contact ESI staff for further details or to enroll.

Thank you for your support in 2017! We wish you a happy, healthy, and prosperous new year and look forward to seeing you soon!



