

From: Long, Kyle <Kyle.Long@kimley-horn.com>
Subject: RE: Port 460 - Building 2 fire solution
To: Kevin Hughes <khughes@suffolkva.us>; Ashlie H. Jordan <ahjordan@suffolkva.us>; Adam James <ajames@suffolkva.us>; Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>
Cc: Paul J. Retel <pretel@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; France, Dave <Dave.France@kimley-horn.com>
Sent: May 12, 2025 9:38 AM (UTC-04:00)
Attached: Building 2 Utility Sheets.pdf

Some people who received this message don't often get email from kyle.long@kimley-horn.com. [Learn why this is important](#)

Caution: This email originated from a source outside of the **City of Suffolk**. Do not click on links or open attachments unless you recognize the sender and you know the content is safe.

Good morning all,

Please see the attached utility plan sheets for Building 2 to use as a reference during our meeting today.

Thank you,

Kyle Long, EIT

Kimley-Horn | 4525 Main Street, Suite 1000, Virginia Beach, VA 23462
Direct: 757-785-4531 | www.kimley-horn.com

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From: Kevin Hughes <khughes@suffolkva.us>
Sent: Monday, May 12, 2025 9:01 AM
To: Ashlie H. Jordan <ahjordan@suffolkva.us>; Adam James <ajames@suffolkva.us>; Long, Kyle <Kyle.Long@kimley-horn.com>; Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>
Cc: Paul J. Retel <pretel@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; France, Dave <Dave.France@kimley-horn.com>
Subject: RE: Port 460 - Building 2 fire solution

Attached is the ordinance that was approved at the City Council meeting. See page 8 on the pdf...paragraph (6).

Thank you,

Kevin Hughes
Deputy City Manager, Development

From: Ashlie H. Jordan <ahjordan@suffolkva.us>
Sent: Friday, May 9, 2025 1:28 PM
To: Adam James <ajames@suffolkva.us>; Long, Kyle <Kyle.Long@kimley-horn.com>; Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>
Cc: Paul J. Retel <pretel@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl

Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; France, Dave <Dave.France@kimley-horn.com>

Subject: Re: Port 460 - Building 2 fire solution

Good Afternoon,

I am only available Monday afternoon 1:00pm-3:00pm. With that being said, I would need a plan sheet sent for review prior to any meeting.

The only change we had requested from the previous proposed plan was that the hydrants cannot be behind the pump, which from my understanding is what the new ordinance also states. Again, I have not seen the final approved copy of this.

Also, the FDC needed to be moved so that it is behind the pump.

Thank you,

Ashlie Jordan
Fire Protection Plans Reviewer/Inspector
Fire Marshal's Office
Suffolk Fire & Rescue
300 Kings Fork Road
Suffolk, VA 23434
(757) 514-4541

From: Adam James <ajames@suffolkva.us>

Sent: Friday, May 9, 2025 1:14 PM

To: Long, Kyle <Kyle.Long@kimley-horn.com>; Ashlie H. Jordan <ahjordan@suffolkva.us>; Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>

Cc: Paul J. Retel <pretel@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; France, Dave <Dave.France@kimley-horn.com>

Subject: RE: Port 460 - Building 2 fire solution

Oops, that was my mistake. We can be available for a 9am call on Tuesday if that works.

Adam James

Assistant Director of Public Utilities | Direct: 757-514-7065

From: Long, Kyle <Kyle.Long@kimley-horn.com>

Sent: Friday, May 9, 2025 1:13 PM

To: Adam James <ajames@suffolkva.us>; Ashlie H. Jordan <ahjordan@suffolkva.us>; Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>

Cc: Paul J. Retel <pretel@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; France, Dave <Dave.France@kimley-horn.com>

Subject: RE: Port 460 - Building 2 fire solution

Caution: This email originated from a source outside of the **City of Suffolk**. Do not click on links or open attachments unless you recognize the sender and you know the content is safe.

Adam, sorry for any confusion. Our team is available any time except 3:30-4:00 Monday or 10:00-10:30 Tuesday.

From: Adam James <ajames@suffolkva.us>
Sent: Friday, May 9, 2025 1:12 PM
To: Long, Kyle <Kyle.Long@kimley-horn.com>; Ashlie H. Jordan <ahjordan@suffolkva.us>; Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>
Cc: Paul J. Retel <pretel@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; France, Dave <Dave.France@kimley-horn.com>
Subject: RE: Port 460 - Building 2 fire solution

Kyle,

DPU can be available for the 10am slot on Tuesday.

Adam James
Assistant Director of Public Utilities | Direct: 757-514-7065

From: Long, Kyle <Kyle.Long@kimley-horn.com>
Sent: Friday, May 9, 2025 12:59 PM
To: Ashlie H. Jordan <ahjordan@suffolkva.us>; Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>
Cc: Paul J. Retel <pretel@suffolkva.us>; Adam James <ajames@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; France, Dave <Dave.France@kimley-horn.com>
Subject: RE: Port 460 - Building 2 fire solution

Caution: This email originated from a source outside of the **City of Suffolk**. Do not click on links or open attachments unless you recognize the sender and you know the content is safe.

City of Suffolk team,

We'd like to discuss the implications of this change for Building 2 and moving forward with the remainder of the Port 460 development.

Could you please send your availability for a call Monday or Tuesday? We are generally available any time except 3:30-4:00 Monday or 10:00-10:30 Tuesday.

This requirement would change the current layout with a private combination fire loop which was previously shared during our meeting on 04/29. We have some concerns with this revision for both the pending Building 2 resubmittal and for future Port 460 sites. This design item has become critical path for approvals and to keep construction timelines, so your availability for a virtual call to get final resolution would be greatly appreciated.

Thank you all,

Kyle Long, EIT
Kimley-Horn | 4525 Main Street, Suite 1000, Virginia Beach, VA 23462

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From: Ashlie H. Jordan <ahjordan@suffolkva.us>

Sent: Thursday, May 8, 2025 2:47 PM

To: Thomas E. West <twest@suffolkva.us>; Bourke, Katy <Katy.Bourke@kimley-horn.com>

Cc: Paul J. Retel <pretel@suffolkva.us>; Adam James <ajames@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Long, Kyle <Kyle.Long@kimley-horn.com>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>

Subject: Re: Port 460 - Building 2 fire solution

Katy,

I am waiting to receive a copy of what version of the ordinance was actually adopted last night to know what that verbiage looks like.

I can let you know from a quick review of the attached document that the hydrants are still behind the pump. They shall be solely connected from the city supply. This can be accomplished by the loop provided, or by each individual hydrant tapping off of the city supply line. That is up to you from our perspective.

Also, the FDC shall be behind the pump.

Thank you,

Ashlie Jordan
Fire Protection Plans Reviewer/Inspector
Fire Marshal's Office
Suffolk Fire & Rescue
300 Kings Fork Road
Suffolk, VA 23434
(757) 514-4541

From: Thomas E. West <twest@suffolkva.us>

Sent: Thursday, May 8, 2025 11:24 AM

To: Bourke, Katy <Katy.Bourke@kimley-horn.com>

Cc: Paul J. Retel <pretel@suffolkva.us>; Adam James <ajames@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Long, Kyle <Kyle.Long@kimley-horn.com>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Matthew A. Sims <msims@suffolkva.us>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>; Ashlie H. Jordan <ahjordan@suffolkva.us>

Subject: RE: Port 460 - Building 2 fire solution

Katy,

I'll interject relative to yesterday's phone call.

I believe the code change includes language requiring that all fire hydrant systems will be located off the municipal water supply unless otherwise approved by the fire official.

DPU understands the intent of this language to require fire hydrants directly connected to the City's mains. DPU fully supports the Fire Official's decisions about hydrants.

When we talked April 29th about the proposed arrangement of hydrants on the private fire loop, I raised the same concern that the hydrants should be directly connected to a City main, not private. Prior to the meeting, DPU offered a marked up sketch of how public hydrants could be installed to serve Building Two.

We are glad to continue to participate in the conversation about fire protection for this development.

Thanks,
Ed

Ed West, PE
City of Suffolk
Public Utilities
Utility Engineering Manager
(757) 514-7054 office
(757) 617-9019 cell

From: Bourke, Katy <Katy.Bourke@kimley-horn.com>

Sent: Thursday, May 8, 2025 8:28 AM

To: Ashlie H. Jordan <ahjordan@suffolkva.us>; Thomas E. West <twest@suffolkva.us>; Matthew A. Sims <msims@suffolkva.us>

Cc: Paul J. Retel <pretel@suffolkva.us>; Adam James <ajames@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Long, Kyle <Kyle.Long@kimley-horn.com>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>

Subject: RE: Port 460 - Building 2 fire solution

Caution: This email originated from a source outside of the **City of Suffolk**. Do not click on links or open attachments unless you recognize the sender and you know the content is safe.

Good morning Ashlie,

I heard that city council adopted the fire code change last night, very exciting!

Are you now able to review the intent of the attached?

I talked to Ed yesterday and he said that Utility Dept takes no exceptions to the private fire hydrant loop downstream of the pump, but said ultimately that it's Fire Dept's decision. Can you please provide us guidance on if this is acceptable? It's the same approach that we discussed on our 4/29 call.

Ed, feel free to interject if I misrepresented any of the above.

Thank you,

Katy Baragar Bourke, P.E.

Kimley-Horn | 4525 Main Street, Suite 1000, Virginia Beach, VA 23462
Direct: 757.355.6687 | Main: 757.213.8600

From: Ashlie H. Jordan <ahjordan@suffolkva.us>

Sent: Wednesday, May 7, 2025 11:40 AM

To: Bourke, Katy <Katy.Bourke@kimley-horn.com>; Thomas E. West <twest@suffolkva.us>; Matthew A. Sims <msims@suffolkva.us>

Cc: Paul J. Retel <pretel@suffolkva.us>; Adam James <ajames@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Long, Kyle <Kyle.Long@kimley-horn.com>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>

Subject: Re: Port 460 - Building 2 fire solution

Good Morning,

Fire cannot comment on any future submittals until after City Council today, that are related to fire code requirements due to the pending possible changes in place as we do not want to make any assumptions.

We can happily can circle back to this conversation tomorrow in regards to building 2.

Thank you,

Ashlie Jordan
Fire Protection Plans Reviewer/Inspector
Fire Marshal's Office
Suffolk Fire & Rescue
300 Kings Fork Road
Suffolk, VA 23434
(757) 514-4541

From: Bourke, Katy <Katy.Bourke@kimley-horn.com>

Sent: Wednesday, May 7, 2025 11:27 AM

To: Thomas E. West <twest@suffolkva.us>; Ashlie H. Jordan <ahjordan@suffolkva.us>; Matthew A. Sims <msims@suffolkva.us>

Cc: Paul J. Retel <pretel@suffolkva.us>; Adam James <ajames@suffolkva.us>; Kevin Hughes <khughes@suffolkva.us>; Chris D. Cornwell <ccornwell@suffolkva.us>; Long, Kyle <Kyle.Long@kimley-horn.com>; Sean Day <sday@suffolkva.us>; Nick Salameda <nsalameda@rockefellergroup.com>; Karl Morris <karl@mataninc.com>; Kyle Collins <kcollins@hgi-fire.com>; Tyler Edwards <tyleredwards@clancytheys.com>

Subject: Port 460 - Building 2 fire solution

Caution: This email originated from a source outside of the **City of Suffolk**. Do not click on links or open attachments unless you recognize the sender and you know the content is safe.

Hi all,

Thank you again for the time to meet on 4/29 to discuss the fire solutions for Port 460 Buildings 1 and 2.

Building 1 field change has been submitted to Utility Dept and Fire Dept and we are anxiously awaiting your review of that plan. Please let us know if you have any questions or concerns.

For Building 2, we are awaiting City Council's determination on the code change tonight. If the change is adopted we plan to resubmit Building 2 for 5th site plan review on Thursday 5/8. **However, before submitting and waiting 1 month for review feedback, we wanted to get each department's buyoff on**

the fire solution (assuming the code does change tomorrow).

Ed, can you please confirm on behalf of Utility Dept that the attached approach is acceptable?

Ashlie, can you please confirm on behalf of Fire Dept?

Matt, can you please confirm on behalf of Building Dept?

Summary of changes:

1. Water tank is removed. The fire meter is also removed as a result.
2. There is only 1 water tap to the site (the northern domestic connection has been removed)
3. The domestic service has been relocated to the southern side of the building. The domestic meter and backflow have been updated accordingly.
4. The fire main connects to the sprinkler fire room/pump, which supplies the sprinkler and private fire hydrant loop.
 - a. The fire hydrant loop is downstream of the fire pump and is all private
 - b. The sprinkler system is piped internal to the building
5. The FDC is located in the southwest corner of the site and connects to the private fire hydrant loop, which is downstream of the pump. It has a proposed check valve between the FDC and fire hydrant loop.

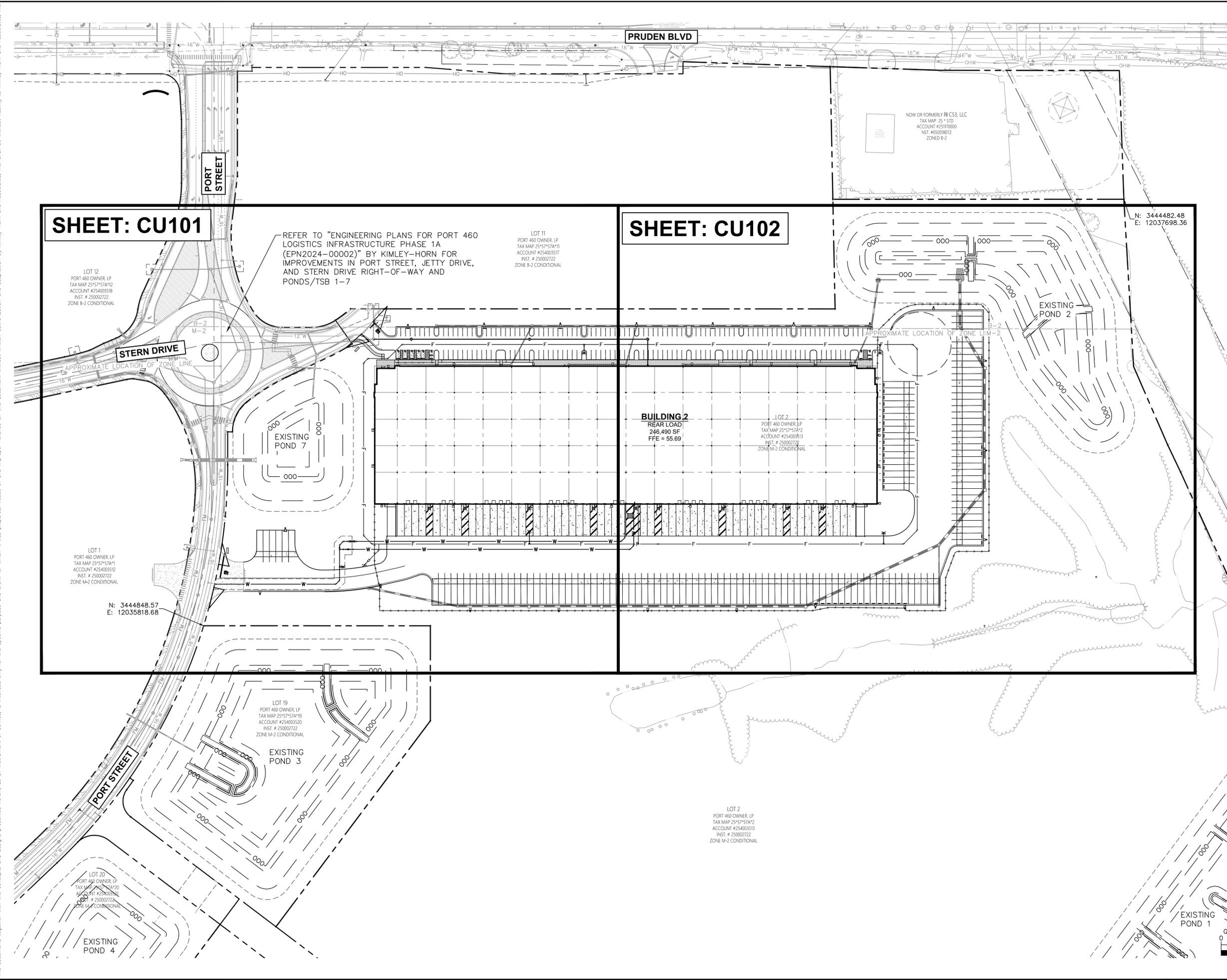
Thank you,

Katy Baragar Bourke, P.E.

Kimley-Horn | 4525 Main Street, Suite 1000, Virginia Beach, VA 23462

Direct: 757.355.6687 | Main: 757.213.8600

Plotted By: Long, Kyle Sheet Set: PORT-460-LOGISTICS-CENTER - BUILDING 2 - Layout: CU100 - May 12, 2025 09:34:31am K:\web-civil\116992001 - williams form - port 460 cd\07-building 2 site plan (bldg2)\CADD\plan\sheet\CU100 OVERALL UTILITY PLAN.dwg
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SHEET: CU101

SHEET: CU102

REFER TO "ENGINEERING PLANS FOR PORT 460 LOGISTICS INFRASTRUCTURE PHASE 1A (EPN2024-00002)" BY KIMLEY-HORN FOR IMPROVEMENTS IN PORT STREET, JETTY DRIVE, AND STERN DRIVE RIGHT-OF-WAY AND PONDS/TSB 1-7

BUILDING 2
 REAR LOAD
 246,490 SF
 FFE = 55.69

LOT 12
 PORT 460 OWNER, LP
 TAX MAP 25-5757A*12
 ACCOUNT #254003518
 INST. # 250002722
 ZONE B-2 CONDITIONAL

LOT 11
 PORT 460 OWNER, LP
 TAX MAP 25-5757A*11
 ACCOUNT #254003517
 INST. # 250002722
 ZONE B-2 CONDITIONAL

LOT 2
 PORT 460 OWNER, LP
 TAX MAP 25-5757A*2
 ACCOUNT #254003513
 INST. # 250002722
 ZONE M-2 CONDITIONAL

LOT 1
 PORT 460 OWNER, LP
 TAX MAP 25-5757A*1
 ACCOUNT #254003512
 INST. # 250002722
 ZONE M-2 CONDITIONAL

LOT 19
 PORT 460 OWNER, LP
 TAX MAP 25-5757A*19
 ACCOUNT #254003520
 INST. # 250002722
 ZONE M-2 CONDITIONAL

LOT 2
 PORT 460 OWNER, LP
 TAX MAP 25-5757A*2
 ACCOUNT #254003513
 INST. # 250002722
 ZONE M-2 CONDITIONAL

LOT 20
 PORT 460 OWNER, LP
 TAX MAP 25-5757A*20
 ACCOUNT #254003521
 INST. # 250002722
 ZONE M-2 CONDITIONAL

NOW OR FORMERLY PI CS3, LLC
 TAX MAP 25-57D
 ACCOUNT #25170000
 NST. #050018072
 ZONED B-2

N: 3444482.48
 E: 12037698.36

N: 3444848.57
 E: 12035818.68

No.	REVISIONS	DATE	BY

Kimley-Horn

© 2025 KIMLEY-HORN AND ASSOCIATES, INC.
 4525 MAIN STREET, SUITE 1000, VIRGINIA BEACH, VA 23462
 PHONE: 757-213-8600 FAX: 757-213-8601
 WWW.KIMLEY-HORN.COM

COMMONWEALTH OF VIRGINIA
 Kathryn B. Bourke
 Lic. No. 053900
 05/12/2025
 PROFESSIONAL ENGINEER

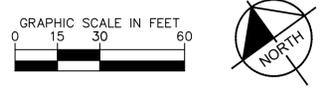
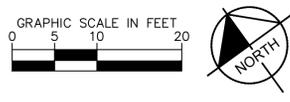
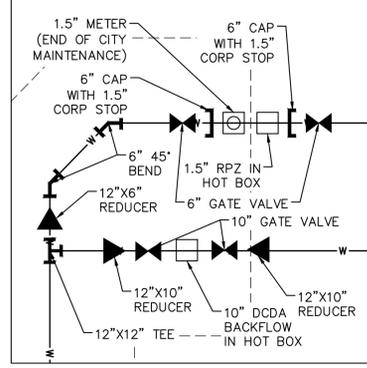
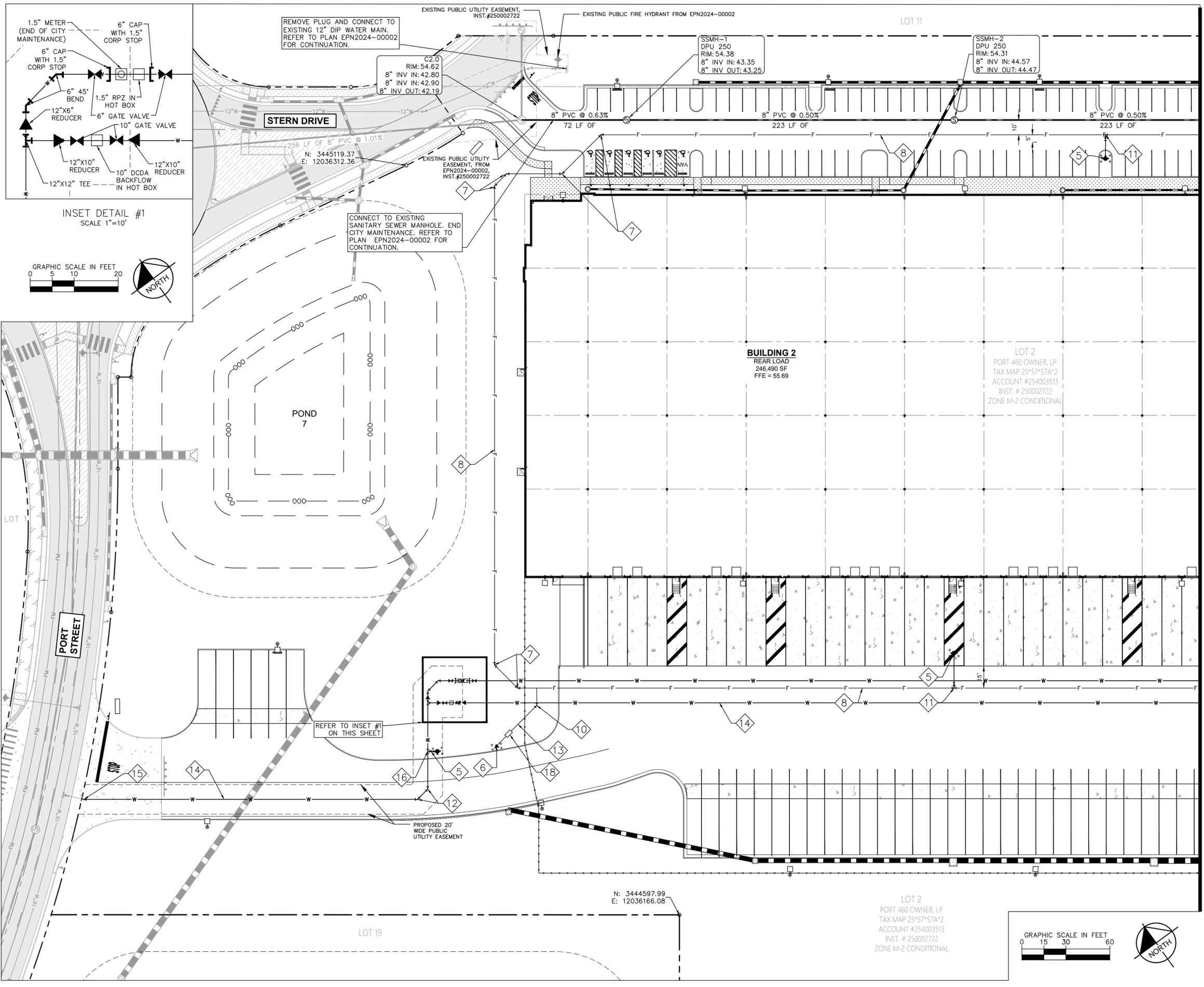
KHA PROJECT	116992001
DATE	05/12/2025
SCALE	AS SHOWN
DESIGNED BY	BJC
DRAWN BY	KCK
CHECKED BY	KBB

OVERALL UTILITY PLAN

PORT 460 LOGISTICS CENTER - BUILDING 2
 PREPARED FOR
PORT 460 OWNER, LP
 SUFFOLK VIRGINIA

SHEET NUMBER
CU100

Plotted By: Long, Kyle Sheet Set: PORT 460 LOGISTICS CENTER - BUILDING 2 Layout: CU101 May 12, 2025 09:35:16am K:\vab-civil\116992001 - williams farm - part 460 cd\07-building 2 site plan (bldg2)\CADD\plansheets\CU101-UTILITY PLAN.dwg
 This document, together with the concepts and designs presented herein, is intended only for the specific purpose and client for which it was prepared. Reuse of and improper reliance on this document without written authorization and adaptation by Kimley-Horn and Associates, Inc. shall be without liability to Kimley-Horn and Associates, Inc.



UTILITIES LEGEND:

1	4" 45° BEND
2	4" PVC DOMESTIC WATER LINE
3	10" GATE VALVE
4	10x10" TEE
5	FIRE HYDRANT ASSEMBLY WITH 6" GATE VALVE
6	FIRE DEPARTMENT CONNECTION
7	10" 45° BEND
8	10" C900 DR18 FIRE LINE
9	10" D.I. FIRE LINE
10	6" 45° BEND
11	10x6" TEE
12	12" 45° BEND
13	6" D.I. FIRE LINE
14	12" D.I. FIRE LINE
15	12" 11.25 BEND
16	12"x 6" TEE
17	4" 90° BEND
18	6" CHECK VALVE IN VAULT
19	2" SEWER FORCE MAIN
20	2" 90° BEND

--- RIGHT-OF-WAY LINE
 --- PROPERTY LINE
 --- EASEMENT LINE

- GENERAL NOTES:**
- MAINTAIN 18" MINIMUM VERTICAL SEPARATION AT ALL WATER AND SEWER LINE CROSSINGS.
 - THE SUFFOLK FIRE PREVENTION BUREAU REQUIRES SITE UTILITY CONTRACTORS TO OBTAIN A FIRE PERMIT FOR PRIVATE FIRE LINES, HYDRANTS, AND FIRE PROTECTION SYSTEMS. THE SITE UTILITY CONTRACTOR WILL ALSO BE RESPONSIBLE FOR OBTAINING AN ACCEPTANCE TEST AND INSPECTION BY A CERTIFIED THIRD PARTY INSPECTOR FOR THE INSTALLATION AND SUBMIT THE NFPA 24 CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING TO THE SUFFOLK FIRE MARSHAL'S OFFICE UPON COMPLETION OF THE INSTALLATION AND PRIOR TO THE ISSUANCE OF THE C.O. THE PERMIT FEE IS 75.00 PAYABLE TO THE CITY OF SUFFOLK.
 - KNOX LOCKING PLUGS ARE REQUIRED FOR THE FDC AND KNOX BOXES ARE REQUIRED ON THE BUILDINGS FOR ACCESS. THEY CAN BE ORDERED ONLINE FROM [HTTPS://WWW.KNOXBOX.COM/8613](https://www.knoxbox.com/8613)
 - A METAL SIGN WITH THE LETTERING FDC ON A CONTRASTING BACKGROUND SHALL BE PLACED AT EVERY FDC LOCATION, WHERE MORE THAN ONE FDC IS LOCATED TOGETHER OR THE FDC SERVES TWO OR MORE BUILDINGS, THE BUILDING ADDRESS TO WHICH IT SERVES SHALL BE CLEARLY VISIBLE ON THE PIPING OR SIGN FOR THE SPECIFIC FDC AND FIRMLY MOUNTED TO THE PIPING OR OTHER SUPPORTING STRUCTURE BUT NOT BY CHAINS OR WIRE. ANY VALVES ASSOCIATED WITH THE SPRINKLER SYSTEM THAT ARE ABOVE GROUND NEED TO BE ELECTRICALLY SUPERVISED BY THE FIRE ALARM SYSTEM. I.E PIVS AND CONTROL VALVES ON THE BACKFLOW PREVENTERS. THIS WILL ALSO BE REVIEWED DURING THE SPRINKLER SYSTEM PERMITTING AND INSTALL PROCESS.

MATCHLINE - SEE SHEET CU102

No.	REVISIONS	DATE	BY

Kimley-Horn
 © 2025 KIMLEY-HORN AND ASSOCIATES, INC.
 4525 MAIN STREET, SUITE 1000, VIRGINIA BEACH, VA 23462
 PHONE: 757-213-8600 FAX: 757-213-8601
 WWW.KIMLEY-HORN.COM

COMMONWEALTH OF VIRGINIA
 Kathryn B. Bourke
 KATHRYN B. BOURKE
 Lic. No. 053900
 05/12/2025
 PROFESSIONAL ENGINEER

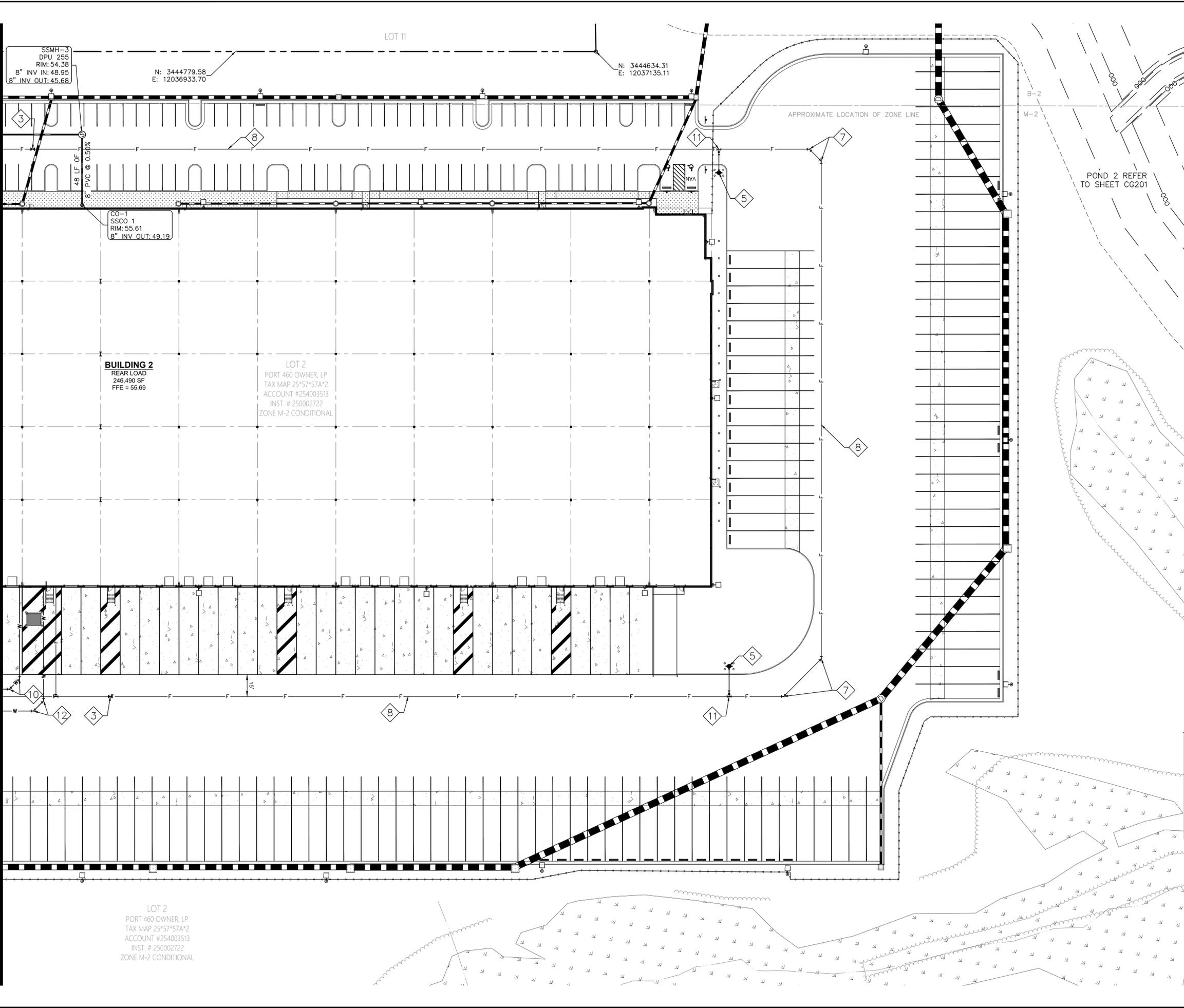
KHA PROJECT	116992001
DATE	05/12/2025
SCALE	AS SHOWN
DESIGNED BY	BJC
DRAWN BY	KCC
CHECKED BY	KBB

UTILITY PLAN

PORT 460 LOGISTICS CENTER - BUILDING 2
 PREPARED FOR
 PORT 460 OWNER, LP
 VIRGINIA
 SUFFOLK

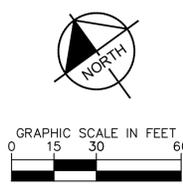
SHEET NUMBER
CU101

Plotted By: Long, Kyle Sheet Set: PORT-460-LOGISTICS-CENTER - BUILDING 2 - Layout: CU102 May 12, 2025 09:36:36am k:\web-civil\116992001 - williams form - part 460 cd\07-building 2 site plan (old)2\CADD\plan sheets\CUI01 UTILITY PLAN.dwg
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- UTILITIES LEGEND:**
- 1 4" 45° BEND
 - 2 4" PVC DOMESTIC WATER LINE
 - 3 10" GATE VALVE
 - 4 10x10" TEE
 - 5 FIRE HYDRANT ASSEMBLY WITH 6" GATE VALVE
 - 6 FIRE DEPARTMENT CONNECTION
 - 7 10" 45° BEND
 - 8 10" C900 DR18 FIRE LINE
 - 9 10" D.I. FIRE LINE
 - 10 6" 45° BEND
 - 11 10x6" TEE
 - 12 12" 45° BEND
 - 13 6" D.I. FIRE LINE
 - 14 12" D.I. FIRE LINE
 - 15 12" 11.25 BEND
 - 16 12"x 6" TEE
 - 17 4" 90° BEND
 - 18 6" CHECK VALVE IN VAULT
 - 19 2" SEWER FORCE MAIN
 - 20 2" 90° BEND
- RIGHT-OF-WAY LINE
 - - - PROPERTY LINE
 - - - EASEMENT LINE

- GENERAL NOTES:**
1. MAINTAIN 18" MINIMUM VERTICAL SEPARATION AT ALL WATER AND SEWER LINE CROSSINGS.
 2. THE SUFFOLK FIRE PREVENTION BUREAU REQUIRES SITE UTILITY CONTRACTORS TO OBTAIN A FIRE PERMIT FOR PRIVATE FIRE LINES, HYDRANTS, AND FIRE PROTECTION SYSTEMS. THE SITE UTILITY CONTRACTOR WILL ALSO BE RESPONSIBLE FOR OBTAINING AN ACCEPTANCE TEST AND INSPECTION BY A CERTIFIED THIRD PARTY INSPECTOR FOR THE INSTALLATION AND SUBMIT THE NFPA 24 CONTRACTOR'S MATERIAL AND TEST CERTIFICATE FOR UNDERGROUND PIPING TO THE SUFFOLK FIRE MARSHAL'S OFFICE UPON COMPLETION OF THE INSTALLATION AND PRIOR TO THE ISSUANCE OF THE C.O. THE PERMIT FEE IS 75.00 PAYABLE TO THE CITY OF SUFFOLK.
 3. KNOX LOCKING PLUGS ARE REQUIRED FOR THE FDC AND KNOX BOXES ARE REQUIRED ON THE BUILDINGS FOR ACCESS. THEY CAN BE ORDERED ONLINE FROM [HTTPS://WWW.KNOXBOX.COM/8613](https://www.knoxbox.com/8613)
 4. A METAL SIGN WITH THE LETTERING FDC ON A CONTRASTING BACKGROUND SHALL BE PLACED AT EVERY FDC LOCATION. WHERE MORE THAN ONE FDC IS LOCATED TOGETHER OR THE FDC SERVES TWO OR MORE BUILDINGS, THE BUILDING ADDRESS TO WHICH IT SERVES SHALL BE CLEARLY VISIBLE ON THE PIPING OR SIGN FOR THE SPECIFIC FDC AND FIRMLY MOUNTED TO THE PIPING OR OTHER SUPPORTING STRUCTURE BUT NOT BY CHAINS OR WIRE. ANY VALVES ASSOCIATED WITH THE SPRINKLER SYSTEM THAT ARE ABOVE GROUND NEED TO BE ELECTRICALLY SUPERVISED BY THE FIRE ALARM SYSTEM. I.E. PIVS AND CONTROL VALVES ON THE BACKFLOW PREVENTERS. THIS WILL ALSO BE REVIEWED DURING THE SPRINKLER SYSTEM PERMITTING AND INSTALL PROCESS.



	NO. _____		DATE _____
		REVISIONS	
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UTILITY PLAN			
PORT 460 LOGISTICS CENTER - BUILDING 2 PREPARED FOR PORT 460 OWNER, LP VIRGINIA SUFFOLK			
SHEET NUMBER CU102			