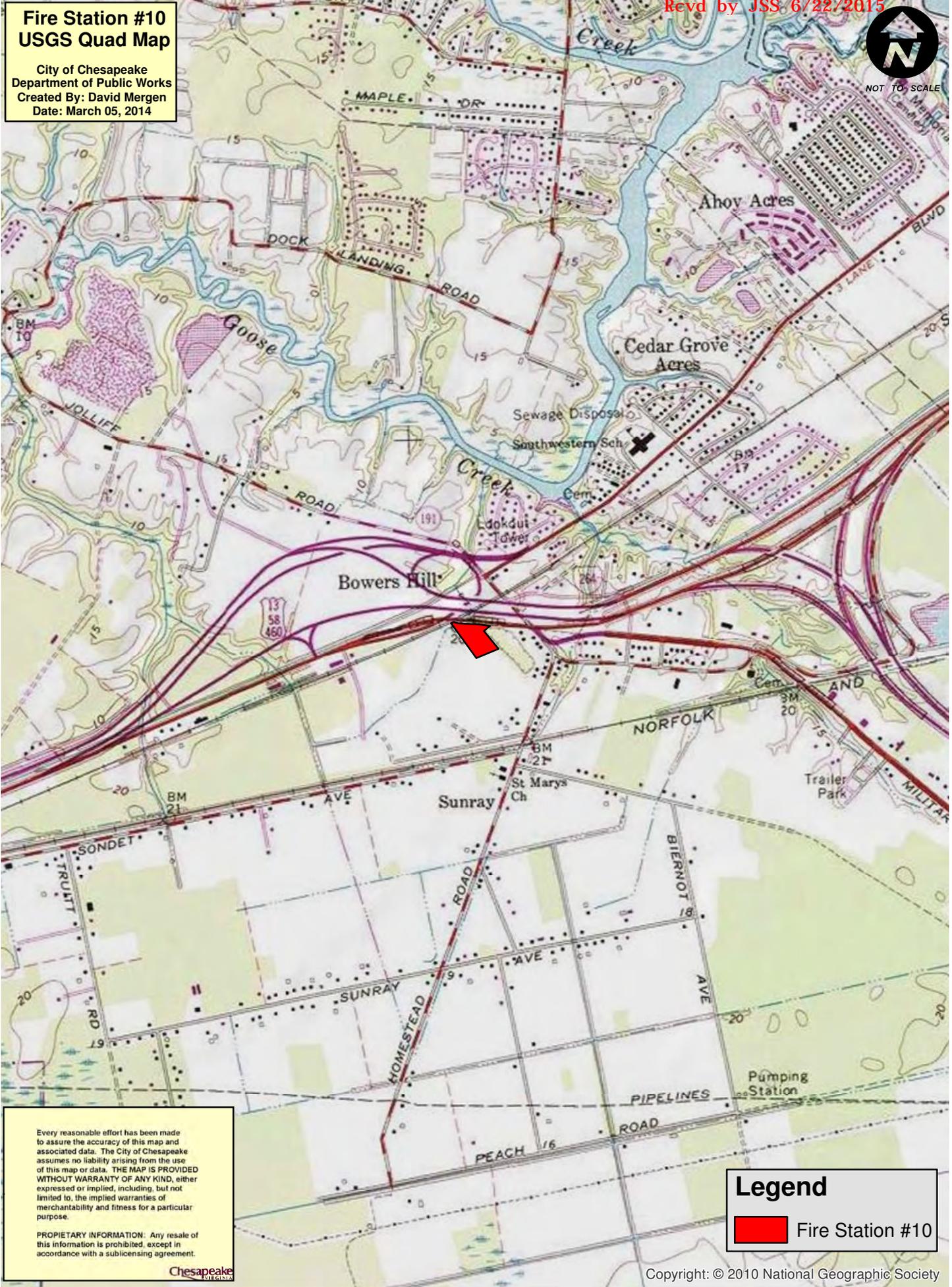




**Fire Station #10
USGS Quad Map**
City of Chesapeake
Department of Public Works
Created By: David Mergen
Date: March 05, 2014



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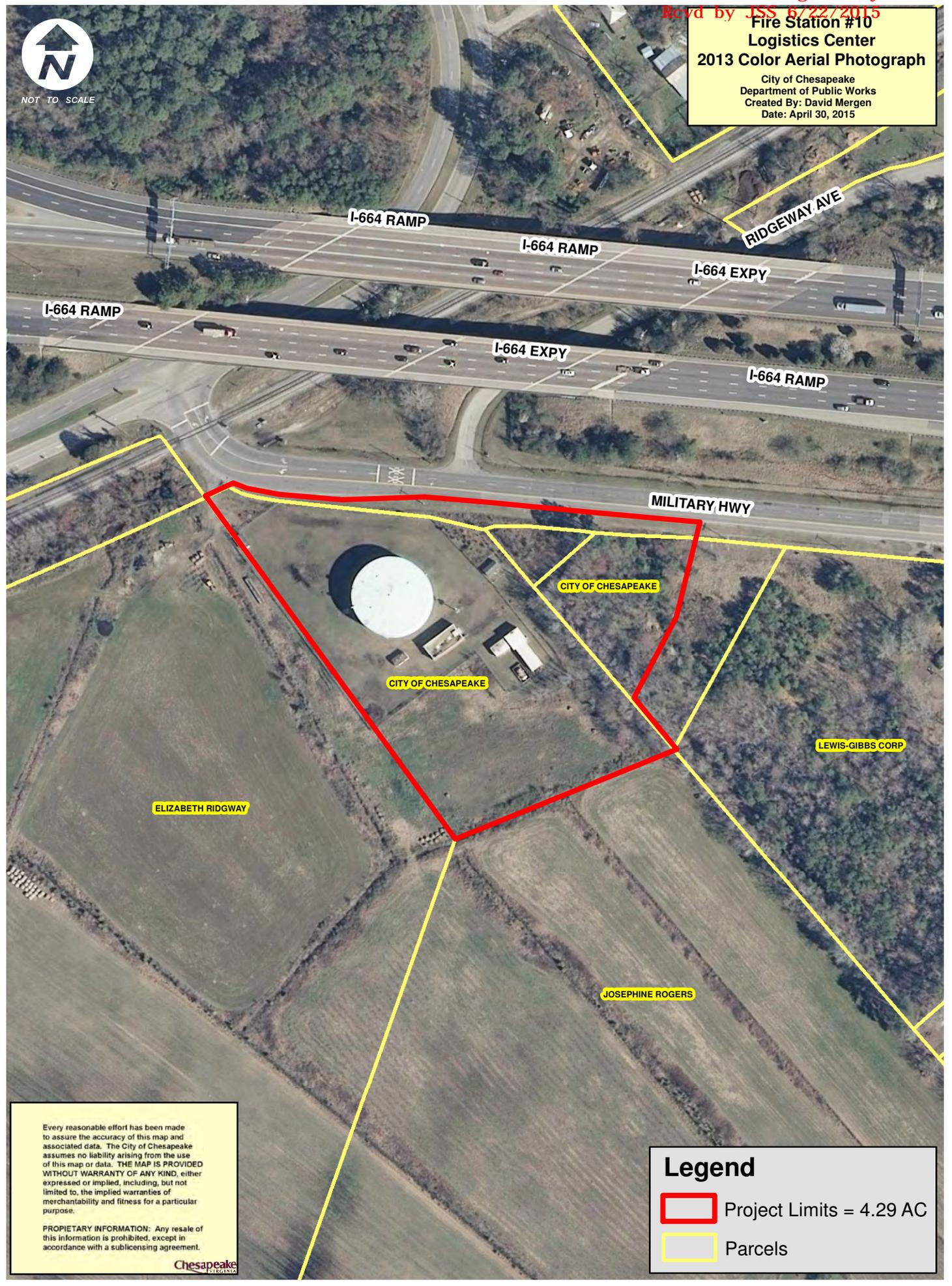
PROPRIETARY INFORMATION: Any resale of this information is prohibited, except in accordance with a sublicensing agreement.

Chesapeake

Legend

 Fire Station #10

**Fire Station #10
Logistics Center**
2013 Color Aerial Photograph
City of Chesapeake
Department of Public Works
Created By: David Mergen
Date: April 30, 2015



Every reasonable effort has been made to assure the accuracy of this map and associated data. The City of Chesapeake assumes no liability arising from the use of this map or data. **THE MAP IS PROVIDED WITHOUT WARRANTY OF ANY KIND**, either expressed or implied, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose.

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Legend

-  Project Limits = 4.29 AC
-  Parcels

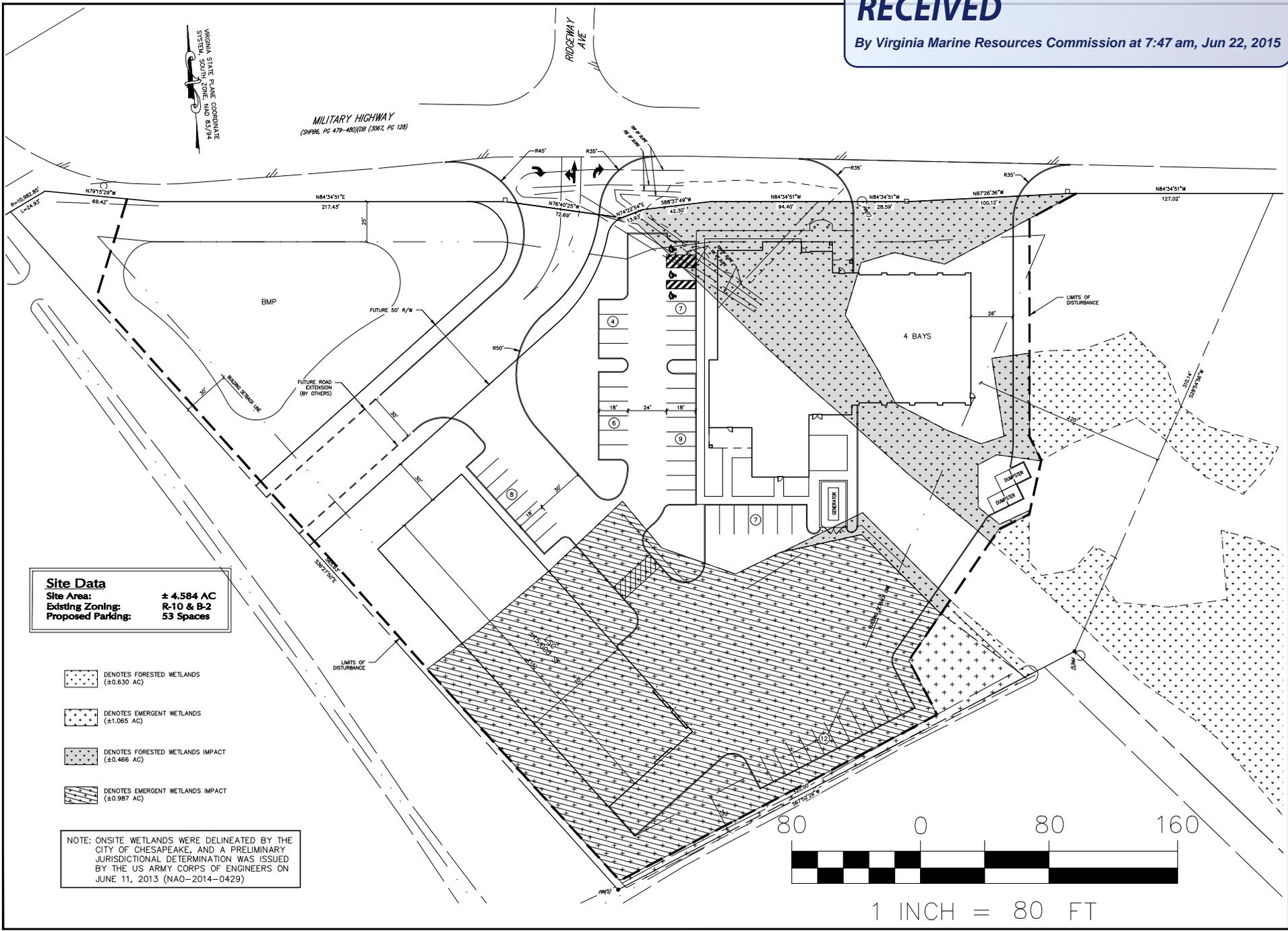
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By Virginia Marine Resources Commission at 7:47 am, Jun 22, 2015



MILITARY HIGHWAY
(SHP96, PG 479-480) OR (S367, PG 128)

RIDGEWAY AVE



Site Data
 Site Area: ± 4.584 AC
 Existing Zoning: R-10 & B-2
 Proposed Parking: 53 Spaces

- DENOTES FORESTED WETLANDS (±0.630 AC)
- DENOTES EMERGENT WETLANDS (±1.065 AC)
- DENOTES FORESTED WETLANDS IMPACT (±0.466 AC)
- DENOTES EMERGENT WETLANDS IMPACT (±0.987 AC)

NOTE: ONSITE WETLANDS WERE DELINEATED BY THE CITY OF CHESAPEAKE, AND A PRELIMINARY JURISDICTIONAL DETERMINATION WAS ISSUED BY THE US ARMY CORPS OF ENGINEERS ON JUNE 11, 2013 (NAO-2014-0429)



1 INCH = 80 FT

MSA.P.C.
 Environmental Sciences • Planning • Surveying
 Civil & Environmental Engineering • Landscape Architecture
 5033 Rouse Drive, Virginia Beach, VA 23462
 757-490-9284 (DC) 757-490-0654 (FAX)
 www.msapc.com



DESIGNED	DATE
DRAWN	5/13/15
CHECKED	
APPROVED	

NO. 1	NO. 2	NO. 3	NO. 4	NO. 5	NO. 6	NO. 7	NO. 8	NO. 9	NO. 10	NO. 11	NO. 12

VERGINIA

WETLANDS IMPACT EXHIBIT
OF
FIRE STATION NO. 10

CHESAPEAKE

SHEET
C1
1 of 1 Sheets
SCALE: 1"=80'
PROJ. NO.: 12038A

OWNER EXPRESSED COST AND MAINTENANCE CONCERNS WITH HAVING MULTIPLE SITE ACCESS ENTRY POINTS. FIRE DEPT STAFF CONCERN WITH VISITORS BECOMING CONFUSED WITH WHICH ENTRANCES WERE DEDICATED FOR PUBLIC USE

OWNER INFORMED DESIGN TEAM THAT CITY EXPRESSED COST AND MAINTENANCE CONCERNS WITH HAVING (2) BMP'S ON THE SITE

OWNER EXPRESSED COST AND MAINTENANCE CONCERNS WITH HAVING MULTIPLE SITE ACCESS ENTRY POINTS. FIRE DEPT STAFF CONCERN WITH VISITORS BECOMING CONFUSED WITH WHICH ENTRANCES WERE DEDICATED FOR PUBLIC USE

OWNER INFORMED DESIGN TEAM THAT CITY EXPRESSED COST AND MAINTENANCE CONCERNS WITH HAVING (2) BMP'S ON THE SITE

OWNER EXPRESSED COST AND MAINTENANCE CONCERNS WITH HAVING MULTIPLE SITE ACCESS ENTRY POINTS. FIRE DEPT STAFF CONCERN WITH VISITORS BECOMING CONFUSED WITH WHICH ENTRANCES WERE DEDICATED FOR PUBLIC USE

OWNER INFORMED DESIGN TEAM THAT CITY EXPRESSED COST CONCERNS WITH HAVING LONG DRIVE AISLES AS SHOWN. THIS IS NOT COST EFFECTIVE FOR LIMITED PROJECT BUDGET AND ALSO REDUCES RESCUE RESPONSE & RECOVERY TIMES FOR FIRE DEPARTMENT STAFF

OWNER INFORMED DESIGN TEAM THAT CITY WILL NEED TO MAINTAIN ALIGNMENT OF FUTURE ACCESS ROAD TO ADJACENT PROPERTY WITH EXISTING MAIN INTERSECTION

OWNER INFORMED DESIGN TEAM THAT CITY EXPRESSED COST OVERRUN AND TRAFFIC CONTROL CONCERNS WITH HAVING LONG DRIVE AISLES. NOT COST EFFECTIVE FOR LIMITED PROJECT BUDGET AND ALSO REDUCES RESCUE RESPONSE & RECOVERY TIMES FOR FIRE DEPARTMENT STAFF

FIRE DEPT CONCERNED SITE LAYOUT WON'T PROVIDE ADEQUATE SPACE FOR FUTURE 5TH BAY (LIMITING POTENTIAL FOR EXPANDING STATION)

OWNER EXPRESSED CONCERNS WITH HAVING MULTIPLE PARKING AREAS. FIRE DEPT CONCERNED ABOUT TRAFFIC CONTROL & VISITORS BEING CONFUSED AS TO WHICH PARKING AREAS ARE FOR PUBLIC USE. ALSO SHARED CONCERNS ABOUT "MIXING" OF STAFF & PUBLIC TRAFFIC ON THIS MAIN DRIVE AISLE DEDICATED PRIMARILY FOR FIRE TRUCKS

FIRE DEPT EXPRESSED CONCERNS ABOUT DUMPSTER LOCATION - WILL POTENTIALLY INTERFERE WITH FIRE TRUCK TRAFFIC LEAVING AND RETURNING FROM EMERGENCY SERVICE CALLS

OWNER EXPRESSED CONCERNS THE PROPOSED LOGISTICS SUPPORT BUILDING ENCRUCHING THE ESTABLISHED SETBACKS. FIRE DEPT INDICATED THAT THE SIZE & CONFIGURATION OF THE LOGISTICS SUPPORT BUILDING NEEDS TO BE AS SHOWN IN ORDER TO PROPERLY ACCOMMODATE ALL THE MULTIPLE SUPPORT FUNCTIONS & SERVICES ENVISIONED FOR THIS FACILITY. CITY'S PREFERENCE IS TO NOT ENCRUCH ZONING SETBACKS

Site Data
 Site Area: ± 4.584 AC
 Existing Zoning: R-10 & B-2
 Proposed Parking: 86 Spaces

- DENOTES FORESTED WETLANDS (±0.648 AC)
- DENOTES EMERGENT WETLANDS (±1.099 AC)
- DENOTES WATERS OF THE US (±403 LF)
- DENOTES FORESTED WETLANDS IMPACT (±0.602 AC)
- DENOTES EMERGENT WETLANDS IMPACT (±1.069 AC)
- DENOTES WATERS OF THE US IMPACT (±122 LF)

- FIRE VEHICLE / STAFF TRAFFIC FLOW
- PUBLIC / VISITORS TRAFFIC FLOW

NOTE: ONSITE WETLANDS WERE DELINEATED BY THE CITY OF CHESAPEAKE, AND A PRELIMINARY JURISDICTIONAL DETERMINATION WAS ISSUED BY THE US ARMY CORPS OF ENGINEERS ON JUNE 11, 2013 (NAO-2014-0429)

"INITIAL" PROPOSED SITE PLAN LAYOUT

THE CITY IDENTIFIED MANY KEY OPERATIONAL ISSUES WITH THIS PROPOSED SITE PLAN LAYOUT THAT COULD IMPEDE THE FIRE DEPT'S ABILITY TO EFFECTIVELY PERFORM THEIR DAILY EMERGENCY RESCUE & SUPPORT SERVICE OPERATIONS IN A HIGHLY RESPONSIVE MANNER. CITY NOTED IT'S IMPERATIVE THE SITE PLAN LAYOUT ADEQUATELY ACCOMMODATE A FUTURE ACCESS ROAD LEADING TO ADJOINING SITE & ALIGN WITH EXISTING INTERSECTION, NEW BUILDINGS TO BE LOCATED WITHIN SETBACKS AND PROVIDE ONLY ONE (1) BMP, LIMIT # AND LENGTH OF ACCESS DRIVE AISLES, ALONG WITH PROVIDING EASY WAY-FINDING & IDEAL TRAFFIC CONTROL FOR BOTH STAFF & VISITORS

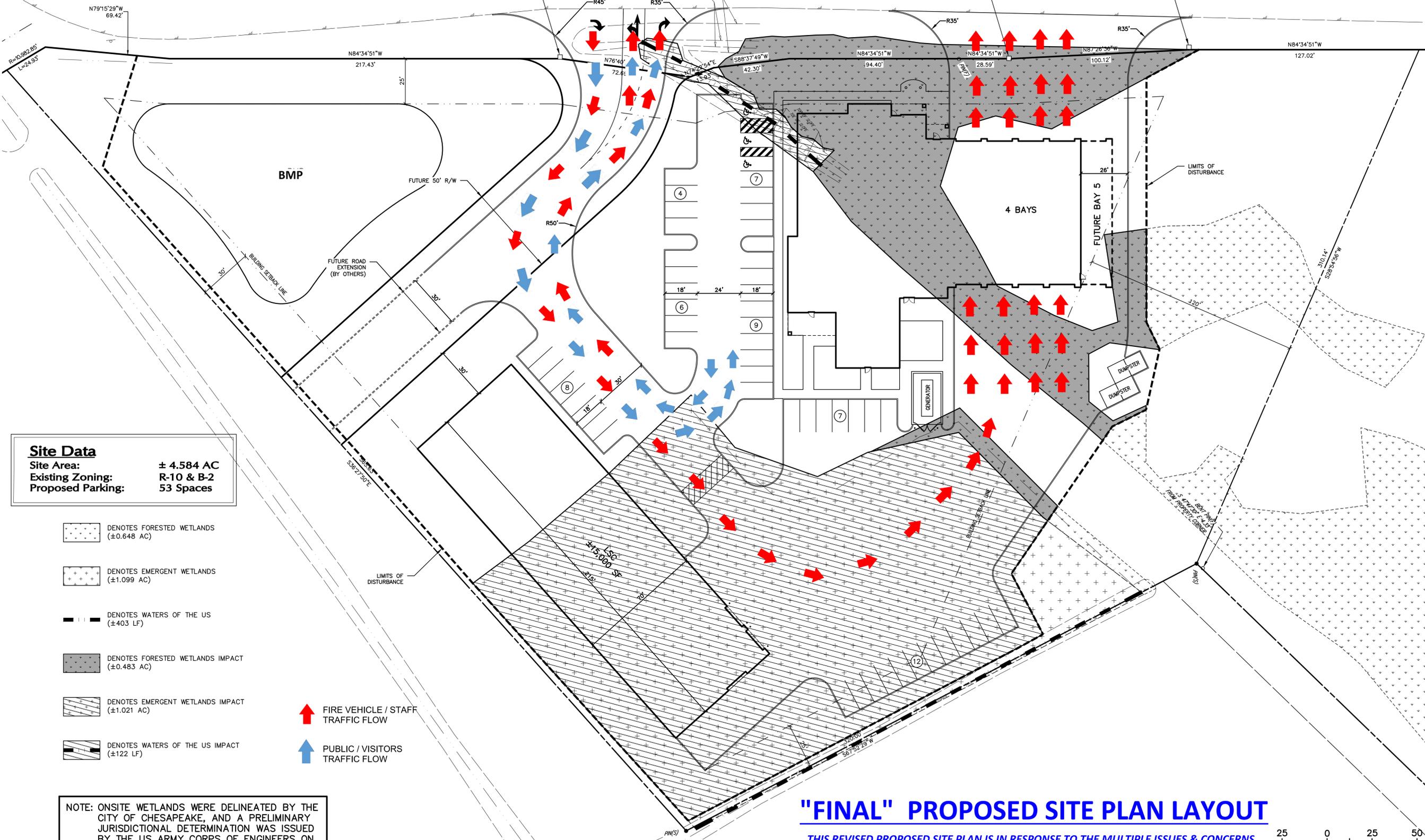


DESIGNED	
DRAWN	
CHECKED	
APPROVED	
DATE	7/13/15

REVISION	
NO.	
DESCRIPTION	
DATE	

MILITARY HIGHWAY
(SHPB6, PG 479-480)(DB (3067, PG 128))

RIDGEWAY AVE



Site Data
 Site Area: ± 4.584 AC
 Existing Zoning: R-10 & B-2
 Proposed Parking: 53 Spaces

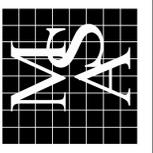
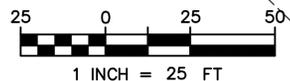
- DENOTES FORESTED WETLANDS (±0.648 AC)
- DENOTES EMERGENT WETLANDS (±1.099 AC)
- DENOTES WATERS OF THE US (±403 LF)
- DENOTES FORESTED WETLANDS IMPACT (±0.483 AC)
- DENOTES EMERGENT WETLANDS IMPACT (±1.021 AC)
- DENOTES WATERS OF THE US IMPACT (±122 LF)

- FIRE VEHICLE / STAFF TRAFFIC FLOW
- PUBLIC / VISITORS TRAFFIC FLOW

NOTE: ONSITE WETLANDS WERE DELINEATED BY THE CITY OF CHESAPEAKE, AND A PRELIMINARY JURISDICTIONAL DETERMINATION WAS ISSUED BY THE US ARMY CORPS OF ENGINEERS ON JUNE 11, 2013 (NAO-2014-0429)

"FINAL" PROPOSED SITE PLAN LAYOUT

THIS REVISED PROPOSED SITE PLAN IS IN RESPONSE TO THE MULTIPLE ISSUES & CONCERNS EXPRESSED BY CITY & FIRE DEPT WITH THE "INITIAL" PROPOSED SITE PLAN LAYOUT



DESIGNED	DATE
DRAWN	7/13/15
CHECKED	
APPROVED	

REVISION	DATE	DESCRIPTION

WETLANDS IMPACT EXHIBIT
 OF
 FIRE STATION NO. 10
"FINAL" PROPOSED SITE PLAN LAYOUT
 VIRGINIA
 CHESAPEAKE

I:\Projects\12038A_Engineering\DWG\12038A_Wetlands_Impact.dwg [C:\Wetlands_Impact] - Monday, July 13, 2015, 11:26am

5/9/2015 4:18:41 PM C:\Users\mhenderson\Documents\Chesapeake Fire Station 10 - Central_mhenderson.rvt



- DEPARTMENT**
- CIRCULATION
 - COMMON AREAS
 - OFFICES
 - SLEEPING
 - STORAGE
 - SUPPORT
 - TOILETS

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MARK	DATE	BY	DESCRIPTION

DATE	05/22/2015	DESIGNED	MHA	DRAWN	MAH	CHECKED	DHH
PROJECT	11216-01						

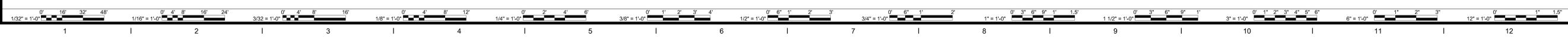
RRMM
ARCHITECTS, PC
1317 Executive Blvd, Suite 200
Chesapeake, Virginia 23320
(757)622-2828

PROJECT FIRE STATION #10
 CITY OF CHESAPEAKE
 SOUTH MILITARY HIGHWAY
 CHESAPEAKE, VIRGINIA
 DRAWING PROGRAMMING PLAN

SHEET
A900-F

PROGRAMMING FLOOR PLAN
SCALE: 1/8" = 1'-0"

"FINAL" PROPOSED SITE PLAN LAYOUT
REFERENCE ARCHITECTURAL SITE PLAN - SEE CIVIL SITE PLAN FOR ADDITIONAL INFO

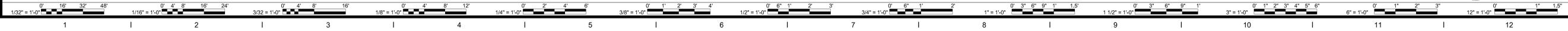


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"FINAL" PROPOSED SITE PLAN LAYOUT
 REFERENCE ARCHITECTURAL SITE PLAN - SEE CIVIL SITE PLAN FOR ADDITIONAL INFO

ARCHITECTURAL SITE PLAN - OVERALL
 SCALE: 3/64" = 1'-0"



MARK	DATE	BY	DESCRIPTION

DATE	PROJECT	DESIGNED	DRAWN	CHECKED
05/22/2015	11216-01	MHA	MAH	DHH

RRMM ARCHITECTS, PC
 1317 Executive Blvd, Suite 200
 Chesapeake, Virginia 23320
 (757)622-2828

PROJECT: FIRE STATION #10
 CITY OF CHESAPEAKE
 SOUTH MILITARY HIGHWAY
 CHESAPEAKE, VIRGINIA
 DRAWING: SITE PLAN

SHEET
A903-F

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FRONT VIEW
SCALE:



EXTERIOR AERIAL VIEW
NOT TO SCALE

"FINAL" PROPOSED SITE PLAN LAYOUT
REFERENCE ARCHITECTURAL SITE PLAN - SEE CIVIL SITE PLAN FOR ADDITIONAL INFO

MARK	DATE	BY	DESCRIPTION

DATE	05/22/2015	DESIGNED	MHA	DRAWN	MAH	CHECKED	DHH
PROJECT	11216-01						

RRMM ARCHITECTS, PC
1317 Executive Blvd, Suite 200
Chesapeake, Virginia 23320
(757)622-2828

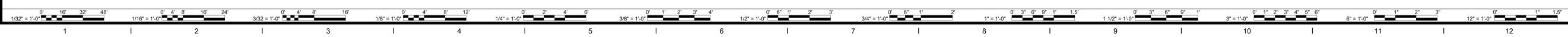
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PROJECT: FIRE STATION #10
CITY OF CHESAPEAKE
SOUTH MILITARY HIGHWAY
CHESAPEAKE, VIRGINIA

DRAWING: EXTERIOR VIEWS

SHEET
A901-F

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3D VIEW - OVERALL SITE
NOT TO SCALE



3D VIEW - SITE
NOT TO SCALE



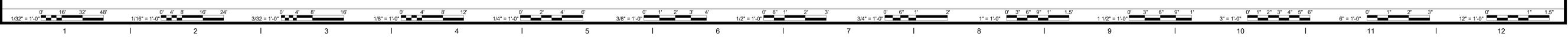
3D VIEW - SITE 2
SCALE:



3D VIEW - SITE 3
SCALE:

"FINAL" PROPOSED SITE PLAN LAYOUT
REFERENCE ARCHITECTURAL SITE PLAN - SEE CIVIL SITE PLAN FOR ADDITIONAL INFO

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5/19/2015 4:19:58 PM



MARK	DATE	BY	DESCRIPTION

DATE	PROJECT	DESIGNED	DRAWN	CHECKED
05/22/2015	11216-01	MHA	MAH	DHH

RRMM ARCHITECTS, PC
1317 Executive Blvd, Suite 200
Chesapeake, Virginia 23320
(757)622-2828

PROJECT: FIRE STATION #10
CITY OF CHESAPEAKE
SOUTH MILITARY HIGHWAY
CHESAPEAKE, VIRGINIA

DRAWING: EXTERIOR OVERALL SITE VIEWS

SHEET
A902-F