



**TOWN COUNCIL INFORMATIONAL
WORK SESSION AGENDA**

Starting at 6:00 PM

December 5, 2022

I. Call to Order and Roll Call

II. Pledge of Allegiance

III. Informational discussion on the following:

1. Review of allocation of American Rescue Plan Act funds - infrastructure projects

<i>Project</i>	<i>Estimated Cost</i>	<i>Priority level (1-3) 1 being highest</i>
Storm drainpipe replacement (approx..675 ft) in Richfield Station - <i>Immediate</i>	\$175,000	#1
Richfield Station water main saddle replacement – <i>Start immediately implement over 5 years</i>	\$750,000	#1
Coastal resiliency planning Bayfront storm drain rehab – <i>Long term study currently underway</i>	\$1,000,000	#1
Fishing Creek Wet Well - <i>Immediate</i>	\$120,000- \$350,000	#2
Relocation of the Harbor Rd. Well House – <i>Implement over the next 5 years</i>	\$600,000	#3

2. Review of allocation of American Rescue Plan Act funds - food pantry services

<i>Project</i>	<i>Estimated Cost</i>
Our Ladies of Charity Food Pantry	\$100,000

3. Review of pocket park concepts

IV. Council Lightning Round

V. Adjournment

8200 BAYSIDE ROAD, P.O. BOX 400 CHESAPEAKE BEACH, MARYLAND 20732

(410) 257-2230

(301) 855-8398



To: The Honorable Mayor and Town Council

From: Holly Wahl, Town Administrator

Subject: American Rescue Plan Act Projects for Review- Infrastructure

Date: December 2, 2022

I. BACKGROUND:

The Town of Chesapeake Beach received \$5,943,337 in American Rescue Plan Act funds. The Mayor and Town Council have reviewed projects during Town Council work sessions and a top priority among those projects reviewed were infrastructure projects as identified by Public Works Administrator, Jay Berry.

II. PROJECTS:

A summary of the projects are as follows:

<i>Project</i>	<i>Estimated Cost</i>	<i>Priority level (1-3) 1 being highest</i>
a. Storm drainpipe replacement (approx..675 ft) in Richfield Station - <i>Immediate</i>	\$175,000	#1
b. Richfield Station water main saddle replacement – <i>Start immediately implement over 5 years</i>	\$750,000	#1
c. Coastal resiliency planning Bayfront storm drain rehab – <i>Long term study currently underway</i>	\$1,000,000	#1
d. Fishing Creek Wet Well - <i>Immediate</i>	\$120,000- \$350,000	#2
e. Relocation of the Harbor Rd. Well House – <i>Implement over the next 5 years</i>	\$600,000	#3

a. Storm drainpipe replacement (approx..675 ft) in Richfield Station – *Timing Immediate*

Background: The Richfield Station development was started in in the early 90’s and at that time concrete pipe was used for storm drain installation. Around the late 90’s they started to use metal storm drainpipe, also known as “wrinkled tin”. This material was only used for a short period due to it being outlawed. That is when HDPE or plastic pipe became the industry standard and is still used today.

The metal pipe installed in Richfield Station has failed in several locations over the years. Once the storm water makes it outside of the pipe it travels under or around the pipe creating sink holes and other issues. Public Works staff has made repairs at inlet locations by pouring new concrete in the channels.

Need: Jay Berry has researched options by meeting with contractor’s who could slip line the sections from structure to structure or dig up and completely replace the failed pipe. The Town needs to move forward with approximately 675 of pipe replacement or slip lining.



After reviewing options Town staff recommends implementing some of each method to be cost effective and make minimal disturbance in green areas and roads.

Fiscal Impact: Informal cost estimating shows that budget numbers are approximately \$175,000 – see Exhibit A. This number could vary as the slip lining process has made many advances over the last several years and pricing has gone down, while at the same time the price of materials has gone up.

b. Richfield Station water main saddle replacement – *Start immediately with implementation taking place over a 5-year period.*

Background: Public works spends hundreds of hours every year repairing failed saddles in the Richfield Station community costing the Town direct and indirect costs. These hours are never planned and are always an emergency response requiring an “all hands-on deck” response from Public Works. The repair is time intensive requiring repair of the failed line and removal of the wet material before the hole can be backfilled and then asphalt installed.

There are several reasons for the failures, some are caused by (i) stray currents, (ii) electrical panels inside the home grounded in some form to the copper water line, and (iii) a possible magnetic field around underground utilities that latches onto copper laterals. In all these cases the current travels along the copper (metal) water line to the main C-900 (plastic) water main. At that point the current can no longer travel and finds the weakest metal which is the saddle.

Need: Public Works recommends proactively in replacing these saddles rather than continuing to repair them reactively. At implementation of the project public works would start in the locations where failure is more prevalent and work to all locations. Additionally, a third-party company should be engaged to look for other methods to solve this problem.

I feel this approach will save the Town time and money, while allowing PW to focus on other key infrastructure to make it last as long as possible.

Fiscal Impact: Repairs would take place over the next several years and could cost up to \$750,000.

c. Coastal resiliency planning Bayfront storm drain rehab – *Long term study currently underway*

Background: The Town of Chesapeake Beach is underway with Coastal Resiliency planning. To address stormwater management along the Bayfront the Town should plan to allocate significant funding to implement projects identified through the planning process.

Need: Funds to address stormwater management in preparation for storm surge and flooding.

Fiscal Impact: The Town expects a minimum of \$1,000,000 to be needed for various projects to address coastal resiliency and bayfront storm drain rehabilitation.

d. Fishing Creek Wet Well – *Immediate*

Background: The Fishing Creek wet well was constructed on an existing wetland in the 1995/96-time frame during the construction of the Courtyard at Fishing Creek community. As shown on the flood hazard map the Fishing Creek wet well are at a vulnerable elevation. Both the wet and dry well are being impacted by salt and ground water. Further, the infrastructure leading to this wet well has shifted and sunken in places.



Need: It is recommended that the Town upgrade the entire facility and at the same time raise the wet well to an elevation that is protected from sea level rise and flooding.

Fiscal Impact: Cost estimates range from \$150,000 to \$375,000. The Public Works Administrator and Town Engineer are working through more accurate numbers for this project.

e. Relocation of the Harbor Rd. Well House – *Implement over the next 5 years*

Background: The Harbor Rd. well house is in the predicted 30-year flood zone and resides on a steep slope that is increasingly hard to access.

Need: Move the well house Old Bayside Rd. water tower to eliminate all infrastructure being on a steep slope and out of a flood zone.

Fiscal Impact: The costs are expected to be approximately \$600,000 and will take place over the next five years.



November 21, 2022

Jay Berry
Public Works Administrator
Town of Chesapeake Beach
8200 Bayside Road
P.O. Box 400
Chesapeake Beach MD 20732
Office: (410) 257-2230
Cell Phone: (443) 624-8312
Email: jberry@chesapeakebeachmd.gov

PROPOSAL NUMBER: USP015211212022

RE: TOWN OF CHESAPEAKE BEACH STORM SEWER IMPROVEMENT PROJECT

US Pipelining, LLC., (USP), (Contractor), proposes to furnish all necessary materials, labor, tools, equipment, supplies and the supervision necessary to perform the work outlined in the DESCRIPTION and the SCOPE OF WORK with the exception of those items that have been specifically addressed in the CONTRACTOR NOTES AND TERMS AND CONDITIONS of this proposal.

LOCATION OF PROJECT: VARIOUS LOCATIONS WITHIN TOWN OF CHESAPEAKE BEACH MARYLAND

- **PROJECT OVERVIEW:** Mobilize all necessary equipment, tools, materials, labor etc., for the purpose of "Cured-In-Place-Pipe" (CIPP) installation using ASTM F1216 Standards municipal qualified thermoplastic coated felt tube, and ASTM F-1216/D790 Standards Polyester resin CIPP lining system. The Project includes: pre-cleaning and removal of internal debris; pre & post-lining CCTV inspection and recording; ASTM F-1216 CIPP Structural Design for "fully deteriorated" pipe sealed by P.E. licensed in State of Maryland; and CIPP rehabilitation of 16-inch & 18-inch diameter corrugated metal (CMP) storm sewer segments located within the Town of Chesapeake Beach, Calvert County, Maryland municipal zone. The rehabilitation of storm sewer segment shall be done, manhole to manhole, inlet to inlet by the installation of a resin-impregnated flexible tube which when cured, shall provide a structurally sound and water-tight new pipe within a pipe. The Contractor is responsible for proper, accurate and complete installation of the CIPP using the system selected by the Contractor. The Contractor shall conduct installation and schedule cleanup in a manner to cause the least possible obstruction and inconvenience to traffic, pedestrians, and owners.

- **METHODS & MATERIALS:** All methods and materials shall conform to the applicable ASTM F-1216 *Standard Practice for Rehabilitation of Existing Pipelines and Conduits by the Inversion and Curing of a Resin-Impregnated Tube*. All materials shall be manufactured in the USA under ISO 9001 requirements in accordance with specifications.



- CIPP ASTM DESIGN THICKNESS CALCULATIONS: CIPP design shall be done in accordance with the Appendix of ASTM F-1216 meeting design thickness standards for a “fully-deteriorated” pipe. CIPP liners under ASTM fully-deteriorated standards are designed to be independently, structurally strong, not relying on the host pipe for any structural strength contribution. Liners shall be properly designed for AASHTO H-20 Highway Loads where applicable.
- PRE-CONSTRUCTION CAMERA INSPECTION: Pre-televising of all lines included. Method for pre-camera Inspection include color CCTV conforming to NASSCO Pipeline Assessment Certification Program (PACP), and for the data to be exported electronically in a PACP certified format.
- STORM SEWER CLEANING & PREPARATION: Cleaning of all pipes to be lined (per NASSCO Standards) including the removal of debris & deposits settled of up to 15% of pipe diameter. The Contractor shall remove all internal debris from the pipe line that will interfere with the installation and the final product delivery of the CIPP as required in these specifications. Debris and deposits shall be removed from the system and disposed of properly by the Contractor.
- STORM SEWER CIPP REHABILITATION: Furnish & Install 16-inch & 18-inch diameter structural CIPP lining to corrugated metal (CMP) storm sewer segments (6) per dimensions/unit schedule below. Lining material and resins for the above referenced project will be of the highest municipal quality, manufactured under ISO 9001 requirements in accordance with specifications of USP and will comply with the guidelines of ASTM F-1216, ASTM D-5813, ASTM F-1743, ASTM D-5199, ASTM D-5035, and ASTM D-790. The CIPP system shall be continuous and joint-less from manhole to manhole, inlet to inlet, designed for a minimum life of 50 years or greater, and designed to meet ASTM F-1216 Standards for fully-deteriorated pipe. The installed CIPP shall have a long term (50 year) corrosion resistance to the typical chemicals found in domestic sewage as tested to ASTM F1216 & ASTM D5813 Testing Standards.
- POST CONSTRUCTION CAMERA INSPECTION: Post televising CCTV of all lines included. As with the pre-inspection the preferred method for post-construction camera Inspection is color CCTV conforming to NASSCO Pipeline Assessment Certification Program (PACP), and for the data to be exported electronically in a PACP certified format.
- WARRANTY: The materials used for the project shall be certified by the manufacturer for the specified purpose. The Contractor shall warrant the liner material and installation for a period of One (1) year. During the Contractor warranty period, any defect which may materially affect the integrity, strength, function and/or operation of the pipe, shall be repaired at the Contractor’s expense in accordance with procedures as recommended by the manufacturer.



PRICING SCHEDULE

	UNIT PRICE	EXTENDED TOTAL
<u>INSTALL CURED-IN-PLACE PIPE (650'/LF):</u>		
Furnish & Install 16-Inch & 18-Inch Diameter Cured-In-Place Pipe Lining (CIPP) Including ASTM F-1216 Design, Pre & Post CCTV and Recording, Cleaning & Debris Removal		
Mobilization & General Conditions.....	\$245.00/LF.....	\$159,250.00
(Complete in Place: Two Hundred Forty-Five Dollars & No Cents/LF)		

CONTRACTOR NOTES:

1. The Owner shall procure all necessary road opening permits, access permits, municipal permits, licenses, inspection fees, bonds or similar items which may be required by any governmental or township agency for the construction outlined herein.
2. Proposal assumes water for cleaning and/or CIPP construction furnished by municipal from local hydrants within 500-feet of installation site. No provisions made for trucking of water.
3. Excludes matting, clearing, grubbing, surface restoration.
4. Proposal assumes work to be completed during dry weather conditions.
5. Price excludes traffic control other than cones.
6. Proposal assumes entity is tax exempt.
7. Assumes prevailing wages for Calvert County MD.

ACCEPTANCE & AUTHORIZATION

Upon proper execution of this document, the Parties acknowledge that:

- This document accurately reflects all work to be performed by US Pipelining, LLC or any of its affiliates as outlined in the SCOPE OF WORK.
- Proposal is valid for thirty (30) days from issuance unless accepted in writing by both parties prior to expiration.

You may indicate acceptance by returning a signed and dated copy of this proposal in its entirety or you may incorporate this proposal referenced by the Proposal Number, with The SCOPE OF WORK, the PRICING SCHEDULE and the TERMS AND CONDITIONS set forth as part of your contract.

Accepted By:
 CHESAPEAKE _____
Signature-Title

Date

US PIPELINING _____
Signature-Title

Date



To: The Honorable Mayor and Town Council

From: Holly Wahl, Town Administrator

Subject: American Rescue Plan Act Projects Infrastructure – Community Services

Date: December 2, 2022

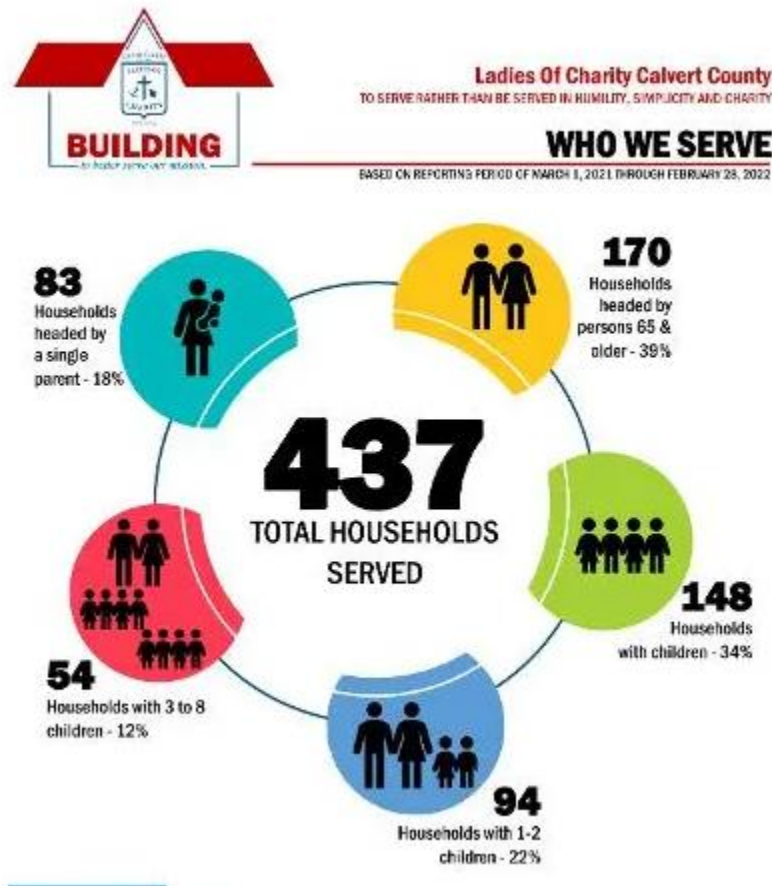
I. BACKGROUND:

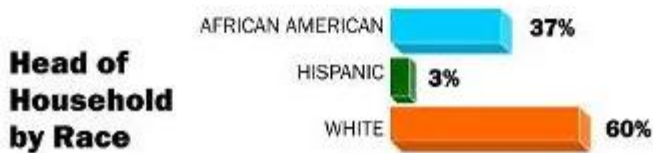
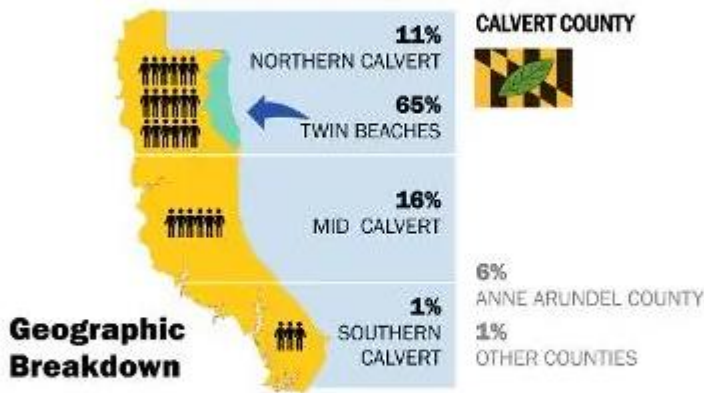
The Town of Chesapeake Beach received \$5,943,337 in American Rescue Plan Act funds. The Ladies of Charity provided a special presentation during a prior Town Council meeting requesting assistance with their Capital Campaign to build a new building to continue to serve Twin Beach residents who require services.

II. CAPITAL IMPROVEMENT INFRASTRUCTURE PROJECT:

The Ladies of Charity are operating without a proper building as their 80-year-old building has structural issues. A new building is required in order to continue to provide services to the community, of which 65% of services are provided to the Twin Beach area.

Services include food insecurity, serving the elderly, serving the youth.





In 2021:

- 443 families visited the Pantry 3,832 times
- 171 backpacks of school supplies were given to children
- 665 holiday meals were provided
- 630 HeartFELT meals were provided to food insecure children
- More than 200,000 lbs. of food were distributed, representing 166,667 meals

III. FISCAL IMPACT: It is recommended that the Town Council consider allocating \$100,000 in funds to the Ladies of Charity organization to provide the infrastructure necessary to provide services to Twin Beach residents in need.



To: The Honorable Mayor and Town Council

From: Holly Wahl, Town Administrator

Subject: Pocket Park Concepts

Date: December 2, 2022

I. BACKGROUND:

The Town of Chesapeake Beach received funding through the Maryland Department of Natural Resources Local Parks and Playgrounds Infrastructure Fund in the amount of \$150,000.

II. PROJECTS:

The projects include:

- a. **B Street Overlook & Pocket Park located at 7429 B Street:** for the purposes of creating a look out area and resting area for citizens to enjoy.
- b. **29th Street and Bayfront Park:** creating a small pocket park on the waterfront at the end of 29th street.
- c. **Kellam's Trail connection:** a connection situated at the northern portion of the Kellam's complex to provide walkability to the center of Town.

III. PUBLIC ENGAGEMENT:

The Town held multiple engagement sessions regarding the pocket park concepts and obtained feedback on citizens desires within these areas.

IV. CONCEPT PLANS:

The Town Engineer drafted concept plans based on the feedback provided, attached as Exhibit "A".

V. NEXT STEPS:

The Town plans to release the concept plans with a scope of work pending any final comments from Town Council.

KELLAM'S TRAIL CONNECTION



CONCEPT PLAN

SCALE: 1" = 5'

July 2022 FILE: E:\The Town of Chesapeake Beach\Project\Plan\DWG\Plan_Park_Concept_7-20-22_invent.dwg

REVISION	DESCRIPTION	BY	DATE

MESSICK & ASSOCIATES
 CONSULTING ENGINEERS,
 PLANNERS AND SURVEYORS

 7 OLD SOLOMONS ISLAND ROAD, SUITE 202
 ANNAPOLIS, MARYLAND 21401
 (410) 266-3212 * FAX (410) 266-3502
 email: engr@messickandassociates.com

OWNER/DEVELOPER

TOWN OF CHESAPEAKE BEACH
 P.O. BOX 400
 CHESAPEAKE BEACH, MD 20732

CONCEPT PLAN

KELLAMS TRAIL CONNECTION

26TH STREET CROSSWALK
3915 GORDON STINNETT AVENUE

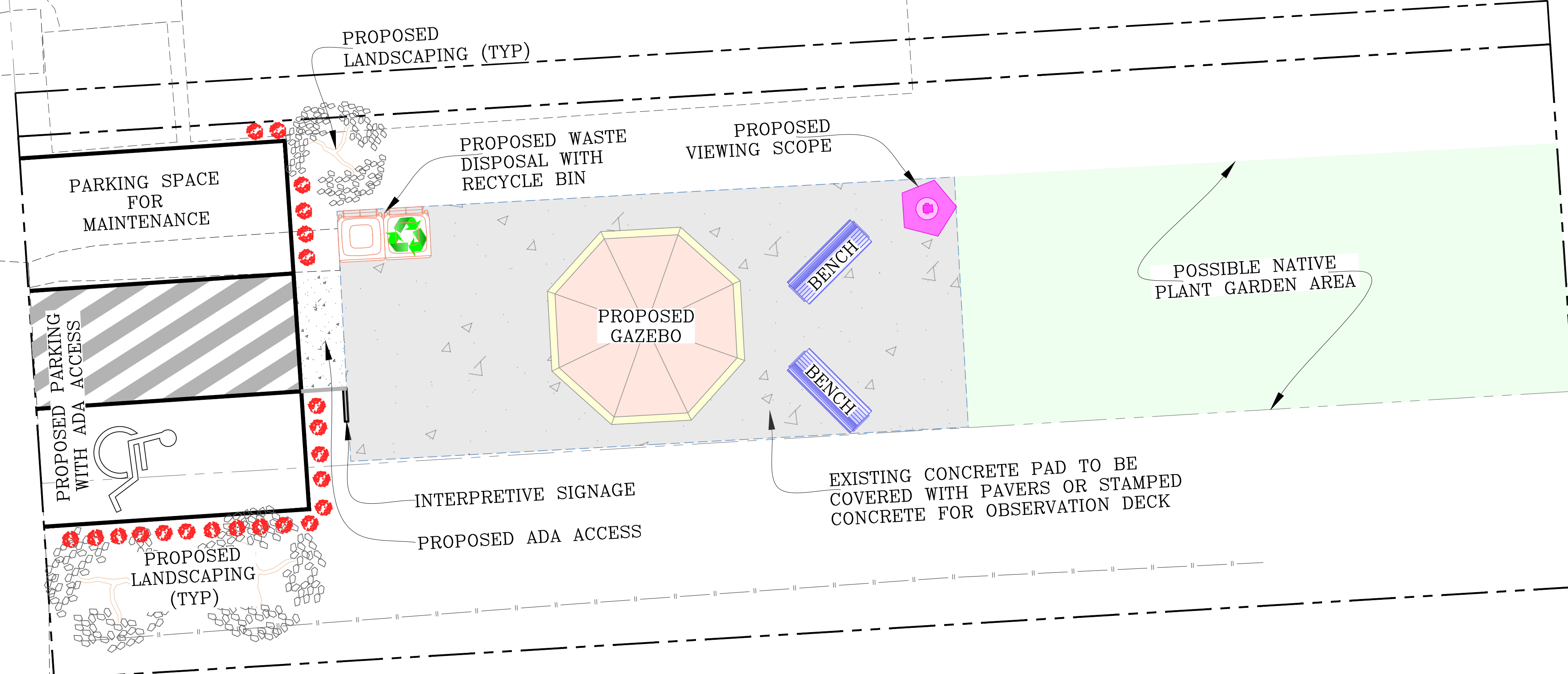
TAX MAP: 0101 GRID: 0019 PARCEL: 0058 LOT: F SUB: 0313
 TAX ACCOUNT: 03-153576
 THIRD ELECTION DISTRICT CALVERT COUNTY, MARYLAND 20732-0000
 SCALE: AS SHOWN DATE: JULY 2022 SHEET 1 OF 1

7515 B STREET

B STREET

SUNWORKS LLC
7517 B ST.
CHESAPEAKE BEACH, MD 20732
D.R.# 06137/ 004228 T.A.# 03-067785
TM. 103 GRID: 0 PARCEL: 0 LOT: 1 SUB. 313

EX. BUILDING



EX. BUILDING

SMITH KEVIN L.
SMITH TRICIA
7513 B ST.
CHESAPEAKE BEACH, MD 20732
D.R.# 06068/ 00283
T.A.# 03-069087
TM. 103 GRID: 0 PARCEL: 0 LOT: 4 SUB. 313

CONCEPT PLAN
SCALE: 1" = 5'

July 2022 FILE 63\The Town of Chesapeake Beach\Project\Plan\DWG\Plan_Park_Concept_7-20-22_invent.dwg

REVISION	DESCRIPTION	BY	DATE

MESSICK & ASSOCIATES
CONSULTING ENGINEERS,
PLANNERS AND SURVEYORS
7 OLD SOLOMONS ISLAND ROAD, SUITE 202
ANNAPOLIS, MARYLAND 21401
(410) 266-3212 * FAX (410) 266-3502
email: engr@messickandassociates.com



* MESSICK GROUP INC. T/A MESSICK AND ASSOCIATES

OWNER/DEVELOPER
TOWN OF CHESAPEAKE BEACH
P.O. BOX 400
CHESAPEAKE BEACH, MD 20732

CONCEPT PLAN
B STREET OBSERVATION PLATFORM

7515 B STREET
TAX MAP: 0103 GRID: 0000 PARCEL: 0000 LOT: 0002
TAX ACCOUNT: 03-048918
THIRD ELECTION DISTRICT CALVERT COUNTY, MARYLAND 20732-0000
SCALE: AS SHOWN DATE: JULY 2022 SHEET 1 OF 1