

**ADDENDUM NO. 4****BID NO. 24-03**

To all holders of the specifications, the following corrections are hereby made. All other items shall remain unchanged. This addendum shall become part of the Contract Documents for the above referenced project.

**Acknowledgement of Addendum**

Name: \_\_\_\_\_

Company: \_\_\_\_\_

Date: \_\_\_\_\_

Signature: \_\_\_\_\_

Q1) What are the hours for working on the state road?

**A1) The hours for working on MD Rt22 will be SHA standard of 9am - 3pm Monday-Friday.**

Q2) What is the paving restoration requirement for the state road repairs on Northern Parkway?

**A2) Paving on MD RT22 roads shall conform to SHA Standard 578.03-01**

Q3) Are there any prevailing wages required for the project?

**A3) No prevailing wages are required for this project.**

Q4) Will you establish a mobilization item for the project as a lump sum bid item?

**A4) Mobilization and Engineering, etc. have been itemized under Addendum 3.**

Q5) Pursuant to GP-1, 1.2 – Is it the intent of the City for bidders to use the quantities stated in the Exhibit Drawings and the Bid Form to establish Lump Sum Pricing?

**A5) Yes, the quantities stated in the to establish lump sum pricing.**

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Q6) GP-7 5 states no weekend or night work is allowed. What work hours should bidders assume for Monday through Friday and will Saturdays be allowed for make-up due to inclement weather?

**A7) Work hours shall consist of 7am – 5pm Monday – Friday. No weekend, holiday or night work is permitted. Weekends, holidays and nights shall not be used for makeup due to weather.**

Q8) SP1.4 states that the Owner will offer a Staging Area prior to the Start of Construction. Should bidders assume that this Staging Area will be within the City limits and will be at no cost to the Contractor? Please also provide an anticipated acreage of the Staging Area that can be expected.

**A8) A staging area can be arranged at the pre-construction meeting. Typically the area is a parcel of City-owned property close to the job site. The staging area is provided at no cost. For this particular there is a 5,500 square foot area of City owned land that is about 1500 ft away from the job site.**

Q9) What is the sequence of construction, or will the Contractor be allowed to construct multiple exhibits concurrently?

**A10) The Contractor will be permitted to work on multiple sections to the extent allowed by the process of installing and testing a new waterline. Construction must be sequenced in such a way as to minimize service outages to customers. Specific phasing can be confirmed during the pre-construction meeting after the project is awarded.**

Q10) What type material are the existing Mains?

**A10) The existing 6" & 8" water mains are un-lined cast-iron with heavy tuberculation inside. The 2" mains on Cindy Ct and Robbie Ct are galvanized steel, also heavily corroded.**

Q11) What is required of Existing Hydrants along those existing mains to be abandoned?

**A11) Existing hydrants, connected to mains that are to be abandoned, shall be connected to the new water main. Hydrants that are specified on the drawings to be reused, shall be connected to the new main with new lateral and gate valve at the location where they currently exist. Hydrants shown to be replaced shall be installed at the same location as the previous hydrant.**

Q12) It can be obvious to include Curb Replacement at those locations where a WHC or Hydrant Lead will cross, however it is not obvious if curb replacement can be avoided where the new mains are to be installed along and adjacent to the face of existing curbs. (ex-Exhibit 001 Roberts Way). Should bidders assume curb replacement in these locations or will the City pay for curb replacement here? Perhaps the City will consider adding contingent items for curb and sidewalk replacement to the bid form?

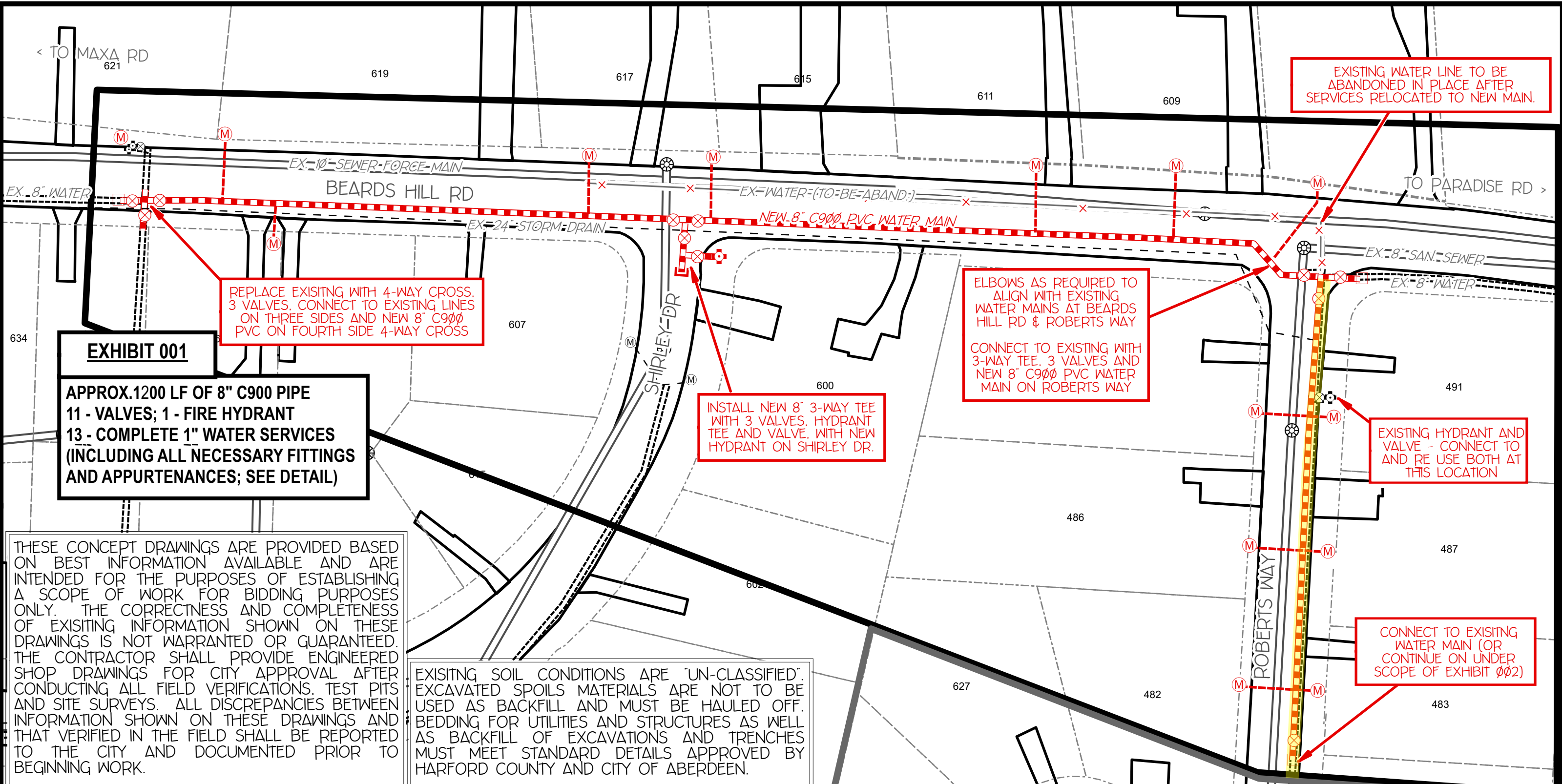
**ADDENDUM NO. 4**

**BID NO. 24-03**

**A12) Curb and sidewalk shall only be replaced where it has been removed as a necessary part of the project scope. (lateral crossings, service lines, etc.) The intent is to install the new main between the one main and the curb without disturbing the existing curb. At the time of Submittals, after the project is awarded, a schedule of values for change orders will be established in the event that additional curb work is required due to unforeseen circumstances.**

Q13) It is not clear on any of the Exhibit drawings where the new main is intended to replace an existing main in-kind. (ex-Exhibit 001 Roberts Way). Will the City please offer better information with regard to the existing Water main replacements and abandonments?

**A13) The attached drawings are highlighted where the new main is to replace an existing main that is to be abandoned. Please also see example configuration drawings on page 50 of the bid package for a better idea of the utility layout.**



EXISTING WATER LINE TO BE ABANDONED IN PLACE AFTER SERVICES RELOCATED TO NEW MAIN.

REPLACE EXISTING WITH 4-WAY CROSS, 3 VALVES. CONNECT TO EXISTING LINES ON THREE SIDES AND NEW 8" C900 PVC ON FOURTH SIDE 4-WAY CROSS

ELBOWS AS REQUIRED TO ALIGN WITH EXISTING WATER MAINS AT BEARDS HILL RD & ROBERTS WAY

CONNECT TO EXISTING WITH 3-WAY TEE, 3 VALVES AND NEW 8" C900 PVC WATER MAIN ON ROBERTS WAY

INSTALL NEW 8" 3-WAY TEE WITH 3 VALVES, HYDRANT TEE AND VALVE, WITH NEW HYDRANT ON SHIRLEY DR.

EXISTING HYDRANT AND VALVE - CONNECT TO AND RE USE BOTH AT THIS LOCATION

CONNECT TO EXISTING WATER MAIN (OR CONTINUE ON UNDER SCOPE OF EXHIBIT 002)

**EXHIBIT 001**

APPROX. 1200 LF OF 8" C900 PIPE  
 11 - VALVES; 1 - FIRE HYDRANT  
 13 - COMPLETE 1" WATER SERVICES  
 (INCLUDING ALL NECESSARY FITTINGS AND APPURTENANCES; SEE DETAIL)

THESE CONCEPT DRAWINGS ARE PROVIDED BASED ON BEST INFORMATION AVAILABLE AND ARE INTENDED FOR THE PURPOSES OF ESTABLISHING A SCOPE OF WORK FOR BIDDING PURPOSES ONLY. THE CORRECTNESS AND COMPLETENESS OF EXISTING INFORMATION SHOWN ON THESE DRAWINGS IS NOT WARRANTED OR GUARANTEED. THE CONTRACTOR SHALL PROVIDE ENGINEERED SHOP DRAWINGS FOR CITY APPROVAL AFTER CONDUCTING ALL FIELD VERIFICATIONS, TEST PITS AND SITE SURVEYS. ALL DISCREPANCIES BETWEEN INFORMATION SHOWN ON THESE DRAWINGS AND THAT VERIFIED IN THE FIELD SHALL BE REPORTED TO THE CITY AND DOCUMENTED PRIOR TO BEGINNING WORK.

EXISTING SOIL CONDITIONS ARE "UN-CLASSIFIED". EXCAVATED SPOILS MATERIALS ARE NOT TO BE USED AS BACKFILL AND MUST BE HAULLED OFF. BEDDING FOR UTILITIES AND STRUCTURES AS WELL AS BACKFILL OF EXCAVATIONS AND TRENCHES MUST MEET STANDARD DETAILS APPROVED BY HARFORD COUNTY AND CITY OF ABERDEEN.

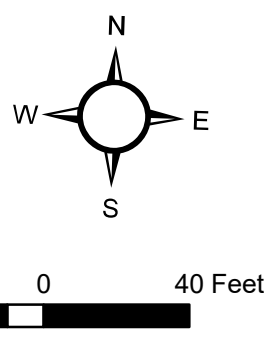


**BEARDS HILL ROAD & ROBERTS WAY AREA  
 WATERLINE IMPROVEMENTS**

**BID # 24-03 CAPITAL PROJECT # UTL-21-23**

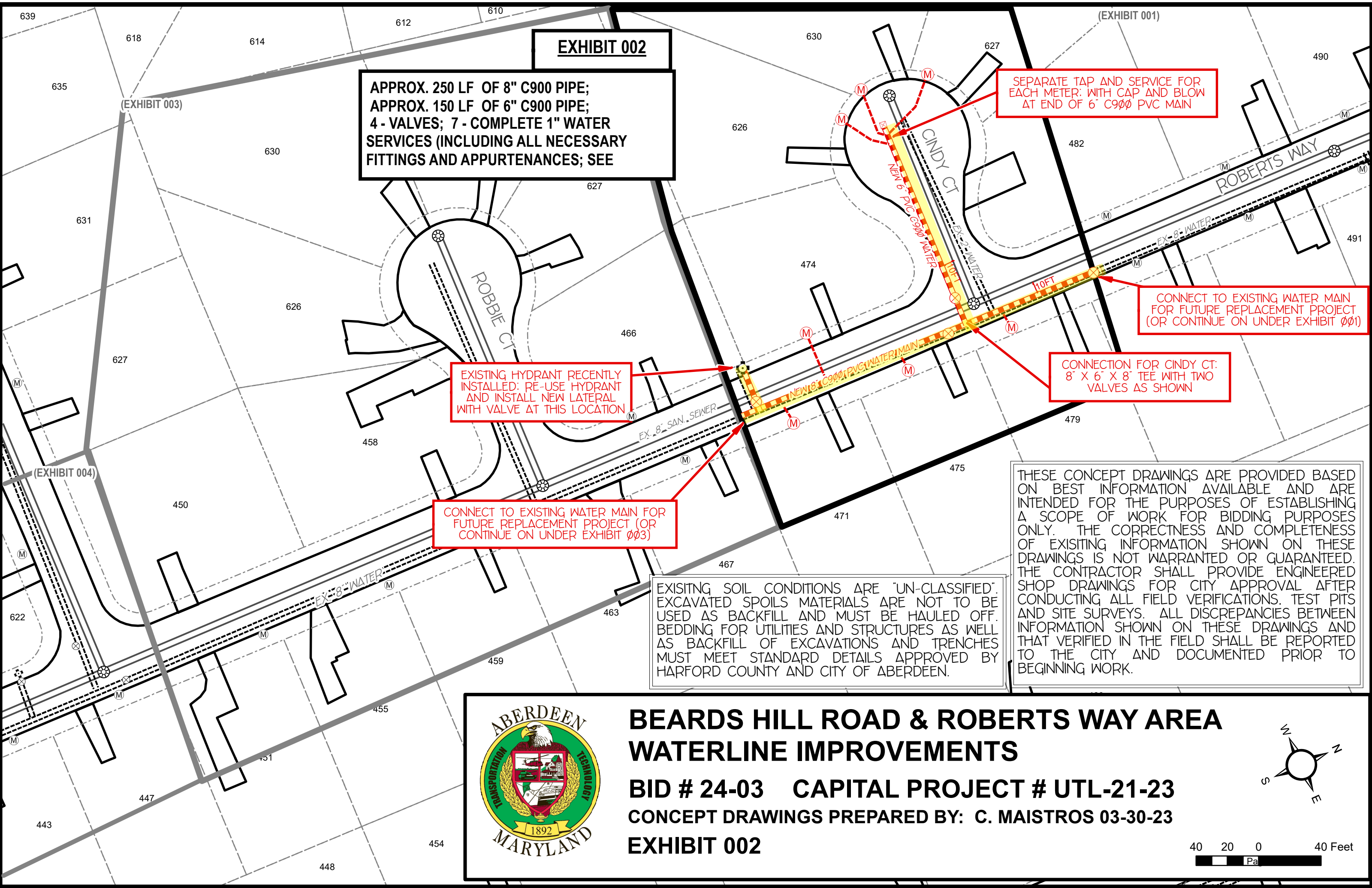
CONCEPT DRAWINGS PREPARED BY: C. MAISTROS 03-30-23

**EXHIBIT 001**



(EXHIBIT 002)

< TO ROUTE 22



**EXHIBIT 002**

APPROX. 250 LF OF 8" C900 PIPE;  
 APPROX. 150 LF OF 6" C900 PIPE;  
 4 - VALVES; 7 - COMPLETE 1" WATER  
 SERVICES (INCLUDING ALL NECESSARY  
 FITTINGS AND APPURTENANCES; SEE

SEPARATE TAP AND SERVICE FOR  
 EACH METER: WITH CAP AND BLOW  
 AT END OF 6" C900 PVC MAIN

CONNECT TO EXISTING WATER MAIN  
 FOR FUTURE REPLACEMENT PROJECT  
 (OR CONTINUE ON UNDER EXHIBIT 001)

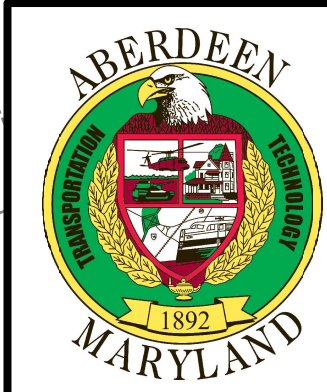
CONNECTION FOR CINDY CT:  
 8" X 6" X 8" TEE WITH TWO  
 VALVES AS SHOWN

EXISTING HYDRANT RECENTLY  
 INSTALLED: RE-USE HYDRANT  
 AND INSTALL NEW LATERAL  
 WITH VALVE AT THIS LOCATION

CONNECT TO EXISTING WATER MAIN FOR  
 FUTURE REPLACEMENT PROJECT (OR  
 CONTINUE ON UNDER EXHIBIT 003)

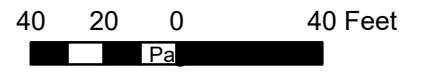
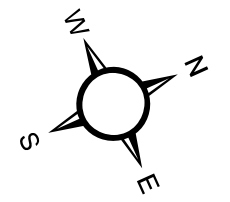
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 BEDDING FOR UTILITIES AND STRUCTURES AS WELL  
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 CONDUCTING ALL FIELD VERIFICATIONS, TEST PITS  
 AND SITE SURVEYS. ALL DISCREPANCIES BETWEEN  
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 BEGINNING WORK.



**BEARDS HILL ROAD & ROBERTS WAY AREA  
 WATERLINE IMPROVEMENTS**

**BID # 24-03 CAPITAL PROJECT # UTL-21-23**  
**CONCEPT DRAWINGS PREPARED BY: C. MAISTROS 03-30-23**  
**EXHIBIT 002**





**EXHIBIT 003**

APPROX. 410 LF OF 8" C900 PIPE;  
APPROX. 165 LF OF 6" C900 PIPE;  
3 - VALVES; 12 - COMPLETE 1" WATER  
SERVICES (INCLUDING ALL NECESSARY  
FITTINGS AND APPURTENANCES; SEE

SEPARATE TAP AND SERVICE FOR  
EACH METER. WITH CAP AND BLOW  
AT END OF 6" C900 PVC MAIN

CONNECT TO EXISTING WATER MAIN FOR  
FUTURE REPLACEMENT PROJECT (OR  
CONTINUE ON UNDER EXHIBIT 002)

CONNECTION FOR ROBBIE CT.  
8" X 6" X 8" TEE WITH THREE  
VALVES AS SHOWN

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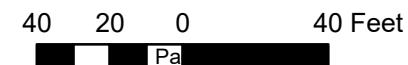
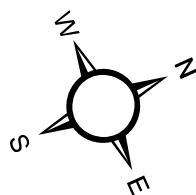
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CONNECT TO EXISTING WATER MAIN FOR  
FUTURE REPLACEMENT PROJECT (OR  
CONTINUE ON UNDER EXHIBIT 004)



# BEARDS HILL ROAD & ROBERTS WAY AREA WATERLINE IMPROVEMENTS

**BID # 24-03 CAPITAL PROJECT # UTL-21-23**  
**CONCEPT DRAWINGS PREPARED BY: C. MAISTROS 03-30-23**  
**EXHIBIT 003**



(EXHIBIT 003)

INSTALL NEW 8" 3-WAY TEE WITH 3 VALVES CONNECTING TO EXISTING MAIN ON ANDREWS; NEW HYDRANT TEE AND VALVE, WITH NEW HYDRANT NEAR JENNIFER LN

INSTALL NEW 8" 3-WAY TEE WITH 3 VALVES AND CONNECT TO EXISTING WATER MAIN AT BRENDA LN

CONNECT TO EXISTING WATER MAIN FOR FUTURE REPLACEMENT PROJECT OR CONTINUE ON UNDER SCOPE OF EXHIBIT 003

INSTALL NEW 8" 3-WAY TEE WITH 3 VALVES CONNECTING TO EXISTING MAIN ON ANDREWS; NEW HYDRANT TEE AND VALVE, WITH NEW HYDRANT NEAR ANDREWS RD.

STUB OUT FOR FUTURE WATER MAIN PROJECT OR CONTINUE ON UNDER SCOPE OF EXHIBIT 005

EXISTING HYDRANT AND VALVE RECENTLY INSTALLED. CONNECT TO AND RE-USE BOTH AT THIS LOCATION

**EXHIBIT 004**

APPROX. 975 LF OF 8" C900 PIPE;  
APPROX. 50 LF OF 6" C900 PIPE;  
11 - VALVES; 15 - COMPLETE 1" WATER SERVICES (INCLUDING ALL NECESSARY FITTINGS AND APPURTENANCES; SEE

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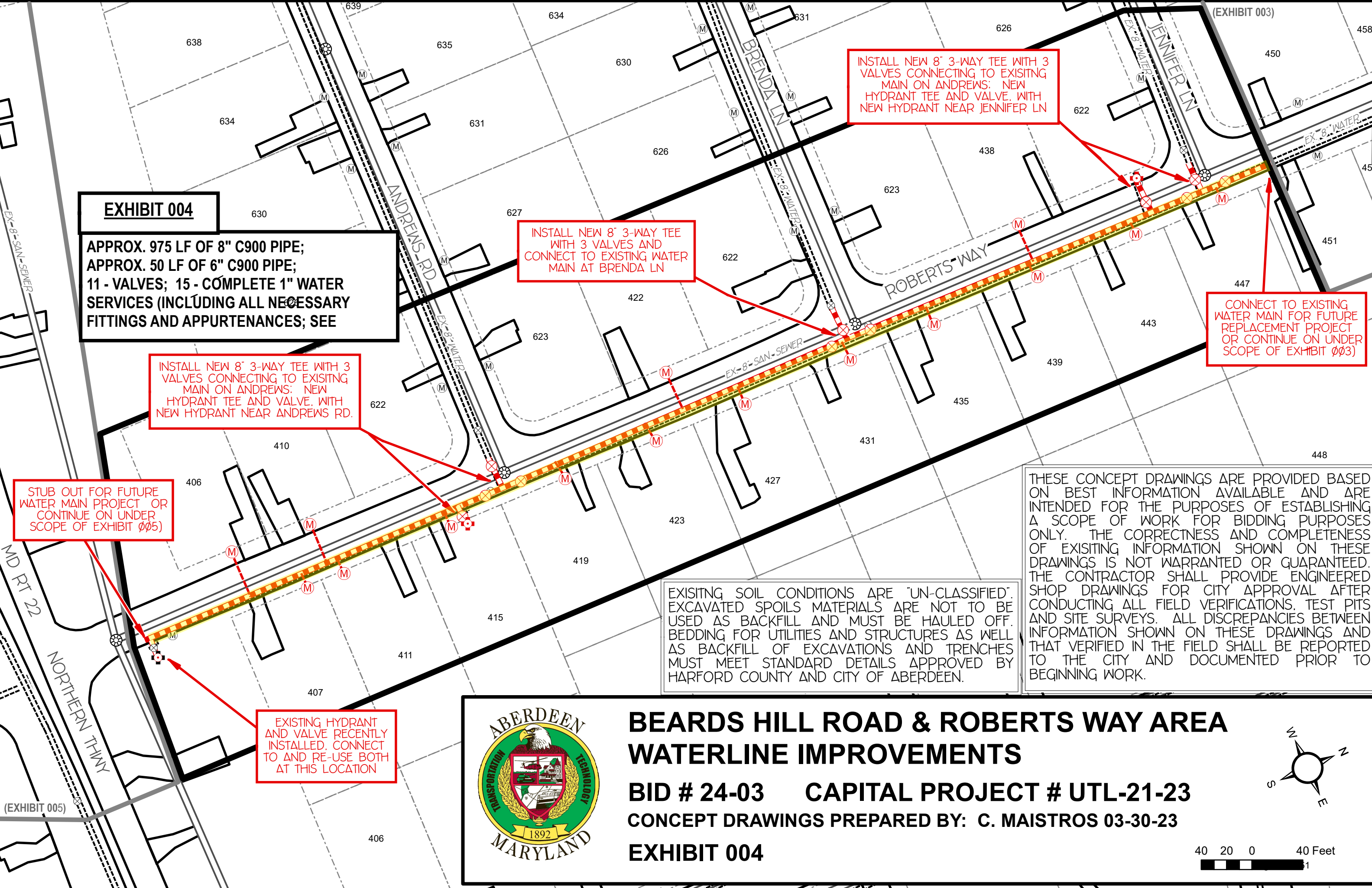
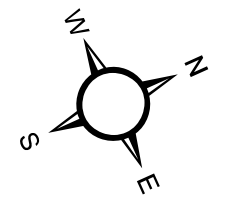
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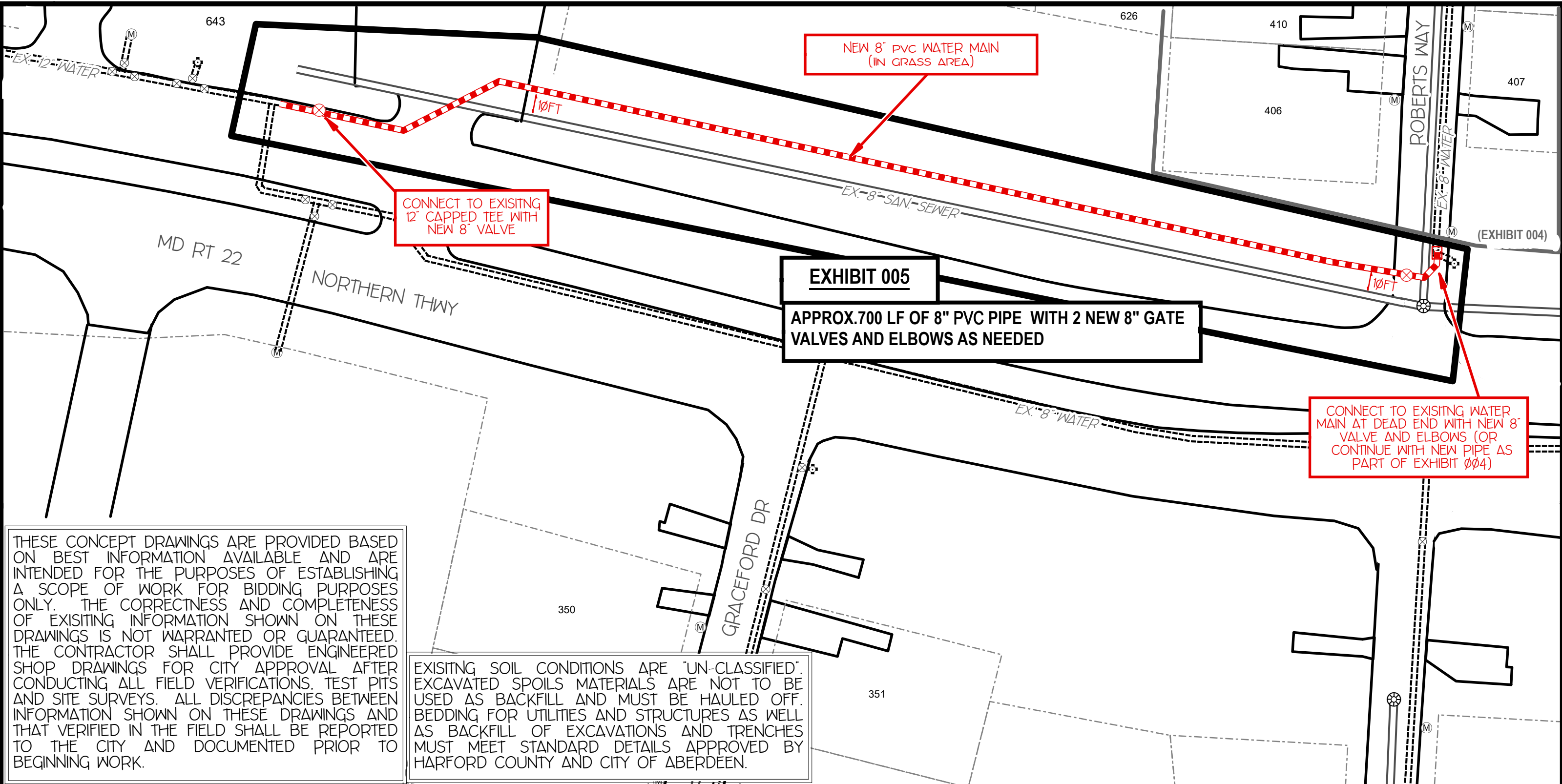
**BID # 24-03 CAPITAL PROJECT # UTL-21-23**  
**CONCEPT DRAWINGS PREPARED BY: C. MAISTROS 03-30-23**

**EXHIBIT 004**



(EXHIBIT 005)





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# BEARDS HILL ROAD & ROBERTS WAY AREA WATERLINE IMPROVEMENTS

**BID # 24-03 CAPITAL PROJECT # UTL-21-23**  
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**EXHIBIT 005**

