

FOR UTILITY LOCATIONS
CALL AT LEAST 48 HOURS
BEFORE BEGINNING CONSTRUCTION



B&A WATER MAIN EXTENSION

PROJECT NO. Y514200

CONTRACT NO. Y514277

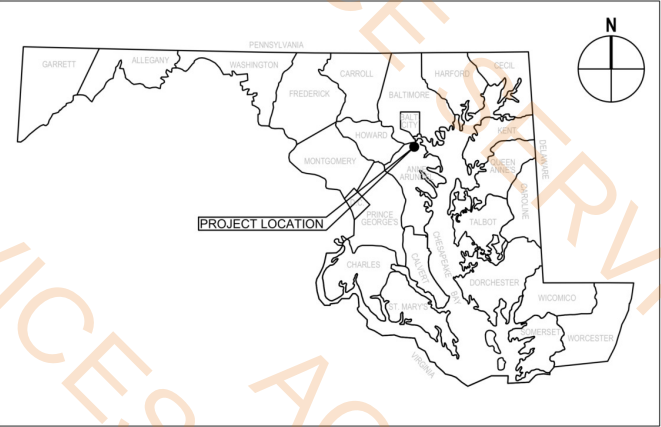
SEPTEMBER 2024

DRAWING NOTES (APPLIES TO ALL DRAWINGS)

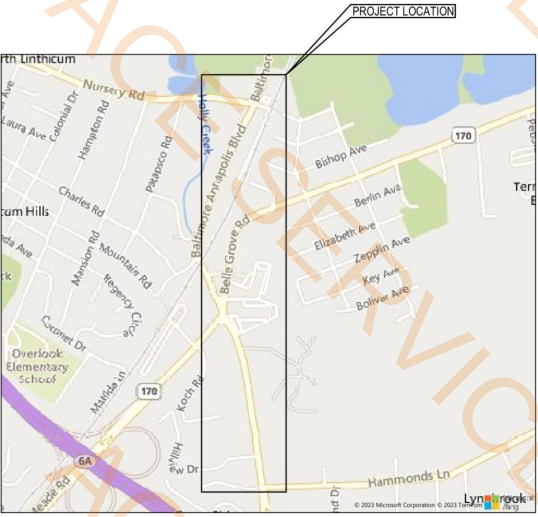
- EXISTING FACILITIES AND PIPING SHOWN LIGHT. NEW FACILITIES AND PIPING SHOWN HEAVY.
- EXISTING CONDITIONS SHOWN ON THESE CONTRACT DRAWINGS CONTAINED WITHIN THE "LIMIT OF SURVEY" BOUNDARY WERE OBTAINED FROM AVAILABLE CONTRACT AND RECORD DRAWINGS AND A SURVEY PERFORMED IN MARCH 2023 BY GHD INC. AND THEREFORE THEIR LOCATION MUST BE CONSIDERED APPROXIMATE ONLY. ALL OTHER INFORMATION SHOWN OUTSIDE THE "LIMIT OF SURVEY" BOUNDARY WAS OBTAINED FROM AVAILABLE ANNE ARUNDEL COUNTY GIS DATA. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY ALL EXISTING FIELD CONDITIONS.
- CONTRACTOR TO REPAIR AND RESTORE ANY ADJACENT ROADWAYS, DRIVEWAYS, CURB, SIDEWALKS, UTILITIES, STORM DRAINS, CULVERTS, SWALES, CLEANOUTS, STRUCTURES, EQUIPMENT, AND/OR SUBGRADE THAT IS EXPOSED, DISTURBED, OR OTHERWISE DAMAGED BY THE CONTRACTOR'S ACTIVITIES.
- EXISTING PAVEMENT SHALL BE PROTECTED FROM DAMAGE WHERE POSSIBLE. ANY DEMOLISHED OR DAMAGED PAVEMENT NOT SHOWN TO BE DEMOLISHED ON THESE PLANS HEREIN SHALL BE REPAIRED. SAWCUT ALL PAVEMENT TO BE REMOVED.
- CONTRACTOR IS TO FIELD VERIFY AND COORDINATE ALL EXISTING PIPING ELEVATIONS, LOCATIONS, SIZE AND TYPE OF MATERIAL WITH NEW PIPING PRIOR TO CONSTRUCTION. CONTRACTOR SHALL FIELD VERIFY AND COORDINATE ALL EQUIPMENT DIMENSIONS AND ELEVATIONS PRIOR TO ORDERING NEW EQUIPMENT.
- CONTRACTOR SHALL CONFORM WITH ALL APPLICABLE FEDERAL, STATE, AND LOCAL CODES DURING TRENCHING ACTIVITIES.
- ALL EXISTING PIPING, EQUIPMENT, AND STRUCTURES MUST BE FULLY SUPPORTED DURING CONSTRUCTION AGAINST VERTICAL, HORIZONTAL, AND OVERTURNING FORCES AND MOVEMENT.
- CONTRACTOR SHALL SUPPLY ALL BENDS REQUIRED TO MAINTAIN SMOOTH FLOW LINES, CHANGES IN ELEVATION AND TO MEET ALL TRANSITIONS.
- CONTRACTOR SHALL PERFORM EXPLORATORY EXCAVATIONS AT ALL UTILITY CROSSINGS AND CONNECTIONS AS NECESSARY TO VERIFY LOCATIONS OF EXISTING UNDERGROUND UTILITIES PRIOR TO CONSTRUCTION OF NEW FACILITIES.
- CONTRACTOR TO CONTACT MISS UTILITY AT LEAST 2 DAYS(48 HOURS) PRIOR TO STARTING WORK.
- UNLESS OTHERWISE NOTED, CONTRACTOR SHALL CONFORM TO ANNE ARUNDEL COUNTY GENERAL PROVISIONS AND CONSTRUCTION STANDARDS AND SPECIFICATIONS.
- CONTRACTOR SHALL NOTE THAT IN CASE OF DISCREPANCY BETWEEN THE SCALED AND THE FIGURED DIMENSIONS SHOWN ON THE PLANS, THE FIGURED DIMENSIONS SHALL GOVERN.
- IN ACCORDANCE WITH CODE OF MARYLAND AND REGULATIONS (COMAR) 26.04.01.33, DIRECT AND INDIRECT ADDITIVES, SUPPLIERS OF WATER SHALL ONLY USE PRODUCTS (ANY MATERIALS THAT COME IN CONTACT WITH WATER INTENDED FOR USE IN PUBLIC WATER SUPPLY) THAT MEET THE APPLICABLE AMERICAN NATIONAL STANDARDS INSTITUTE / NSF INTERNATIONAL (ANSI / NSF) STANDARDS FOR DIRECT OR INDIRECT DRINKING WATER ADDITIVES. THE PRODUCTS CAN ALSO BE CERTIFIED BY AN ORGANIZATION ACCREDITED BY THE ANSI FOR SUCH TESTING (I.E., INTERNATIONAL ASSOCIATION OF PLUMBING AND MECHANICAL OFFICIALS RESEARCH AND TESTING, ONTARIO CA, UNDERWRITERS LABORATORY, NORTHBROOK IL, AND WATER QUALITY ASSOCIATION, LISLE IL).
- IN COMPLIANCE WITH COMAR 09.20.01.03 AND THE SAFE DRINKING WATER ACT (SECTION 1417(A)(4)(B)), MATERIALS THAT COME IN CONTACT WITH WATER INTENDED FOR USE IN PUBLIC WATER SUPPLY SHALL COMPLY WITH THE REDUCTION OF LEAD IN DRINKING WATER ACT, WHICH WENT INTO EFFECT IN MARYLAND IN JANUARY 2012.
- THE CONTRACTOR SHALL NOTIFY MISS UTILITY (800-257-7777), ANNE ARUNDEL DEPARTMENT OF PUBLIC WORKS (410-222-8400) FIVE (5) DAYS PRIOR TO BEGINNING WORK ON THIS PROJECT. THE CONTRACTOR SHALL ALSO NOTIFY THE ENGINEER AND ALL UTILITY COMPANIES PIPELINE OWNERS, OR OTHER PARTIES AFFECTED WITHIN THE CONSTRUCTION AREA, AT LEAST FORTY-EIGHT (48) HOURS, EXCLUDING WEEKENDS AND HOLIDAYS, PRIOR TO THE START OF WORK.
- EXCAVATION, BACKFILL, AND COMPACTION SHALL BE IN STRICT COMPLIANCE WITH THE ANNE ARUNDEL COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION AND THE SPECIAL PROVISIONS AND STANDARD DETAILS FOR CONSTRUCTION.
- THE CONTRACTOR MUST MAINTAIN TRAFFIC MOVEMENT AND TRAFFIC CONTROL ALONG THE ROADS DURING ALL PHASES OF THE CONSTRUCTION IN CONFORMANCE WITH THE REQUIREMENTS OF THE CONTRACT DRAWINGS, THE SPECIAL PROVISIONS AND THE ANNE ARUNDEL COUNTY STANDARD SPECIFICATIONS FOR CONSTRUCTION AND STANDARD DETAILS FOR CONSTRUCTION. DRIVEWAYS TO PRIVATE RESIDENCES SHALL NOT BE BLOCKED AND SITE ACCESS FOR COUNTY OPERATION AND MAINTENANCE FOR THE PATAPSCO SEWER PUMP STATION SHALL BE MAINTAINED AT ALL TIMES.
- IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, WITH APPROVAL OF THE ENGINEER, TO ADJUST THE LOCATIONS OF FITTINGS AND ELEVATION OF THE PIPELINE AS NECESSARY DUE TO ACTUAL FIELD CONDITIONS.
- STORM WATER MANAGEMENT IS NOT REQUIRED. NO INCREASE IN IMPERVIOUS AREA, RUNOFF OR POLLUTANTS IS PROPOSED.
- THE CONTRACTOR SHALL OBTAIN WRITTEN PERMISSION FOR THE USE OF ANY PRIVATE PROPERTY FOR PROJECT PURPOSES AND SUBMIT A COPY OF THE WRITTEN APPROVAL TO ANNE ARUNDEL COUNTY.

GENERAL NOTES

ADDRESSES:	6819-6821 BALTIMORE ANNAPOLIS BOULEVARD LINTHICUM HEIGHTS, MARYLAND 21090-0000
OWNER:	SALKAP LLC
2. TAX MAP/ GRID/ PARCEL/ BLOCK:	TAX MAP 0001, GRID 0022, PARCEL 0364, BLOCK NA
3. ZONING	RESIDENTIAL LOW DENSITY
4. LOT SIZE:	0.3300 ACRES AND 0.1910 ACRES
DEED REFERENCES:	/03488/ 00641 AND /03563/ 00824
5. TAX ACCOUNT ID:	11536100
6. ELECTION DISTRICT:	5TH
7. VERTICAL DATUM:	NAVD88 (1994) PLUS 1.03 FEET
8. HORIZONTAL DATUM:	NAD 1983 (1991 MARYLAND STATE PLANE COORDINATE SYSTEM)
9. LIMITS OF DISTURBED AREA:	0.10 ACRES
10. FLOOD ZONE:	PROJECT IS LOCATED WITHIN A FLOOD HAZARD ZONE ACCORDING TO THE FEMA FIRM PANEL 24003C0032E EFFECTIVE DATE 10/16/2012



VICINITY MAP
NOT TO SCALE



LOCATION MAP

APPROXIMATELY 1"=2000'-0" NOT ORTHO-RECTIFIED

PERMIT APPLICATIONS

PERMIT	APPROVING AGENCY	PERMIT NO.	STATUS	APPROVAL DATE	EXPIRATION DATE
CONCEPT STORMWATER MANAGEMENT PLAN					
SITE STORMWATER MANAGEMENT PLAN					
DEVELOPMENT SERVICE PERMIT					
BUILDING PERMIT					
WATER AND SEWERAGE CONSTRUCTION PERMIT	MARYLAND DEPARTMENT OF THE ENVIRONMENT (MDE)				

LIST OF DRAWINGS

GENERAL

- | | | |
|---|-------|--------------------------------------|
| 1 | G 001 | COVER SHEET |
| 2 | G 002 | LEGENDS, SYMBOLS AND GENERAL NOTES |
| | | <u>CIVIL</u> |
| 3 | C 001 | OVERALL SITE PLAN |
| 4 | C 002 | WATER MAIN PLAN AND PROFILE |
| 5 | C 003 | EROSION AND SEDIMENT CONTROL NOTES |
| 6 | C 004 | EROSION AND SEDIMENT CONTROL DETAILS |
| 7 | C 005 | MISCELLANEOUS CIVIL DETAILS |
| 8 | C 006 | TRAFFIC CONTROL PLANS |
| 9 | C 007 | TRAFFIC CONTROL NOTES AND DETAILS |

CIVIL

3	C 001	OVERALL SITE PLAN
4	C 002	WATER MAIN PLAN AND PROFILE
5	C 003	EROSION AND SEDIMENT CONTROL NOTES
6	C 004	EROSION AND SEDIMENT CONTROL DETAILS
7	C 005	MISCELLANEOUS CIVIL DETAILS
8	C 006	TRAFFIC CONTROL PLANS
9	C 007	TRAFFIC CONTROL NOTES AND DETAILS

G00 1

DPW# 39075



16701 Melford Boulevard, Suite 221
Bowie, Maryland 20715 USA
T 1 240 206 6810 W www.ghd.com

PROFESSIONAL CERTIFICATION. I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR
APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE
LAWS OF THE STATE OF MARYLAND, LICENSE NO. 30016, EXPIRATION DATE: 4/08/2024



ANNE ARUNDEL COUNTY

DEPARTMENT OF PUBLIC WORKS

107795-1

B&A WATER MAIN EXTENSION

COVER SHEET

SCALES SHOWN

~~DRAWN BY:~~ D. FRAZIER

CHECKED BY: L. SITTER

SHEET NO. 1 OF 1

PROJECT NO.	DATE
001	1/1/19

REVISÉ

DATE	ST

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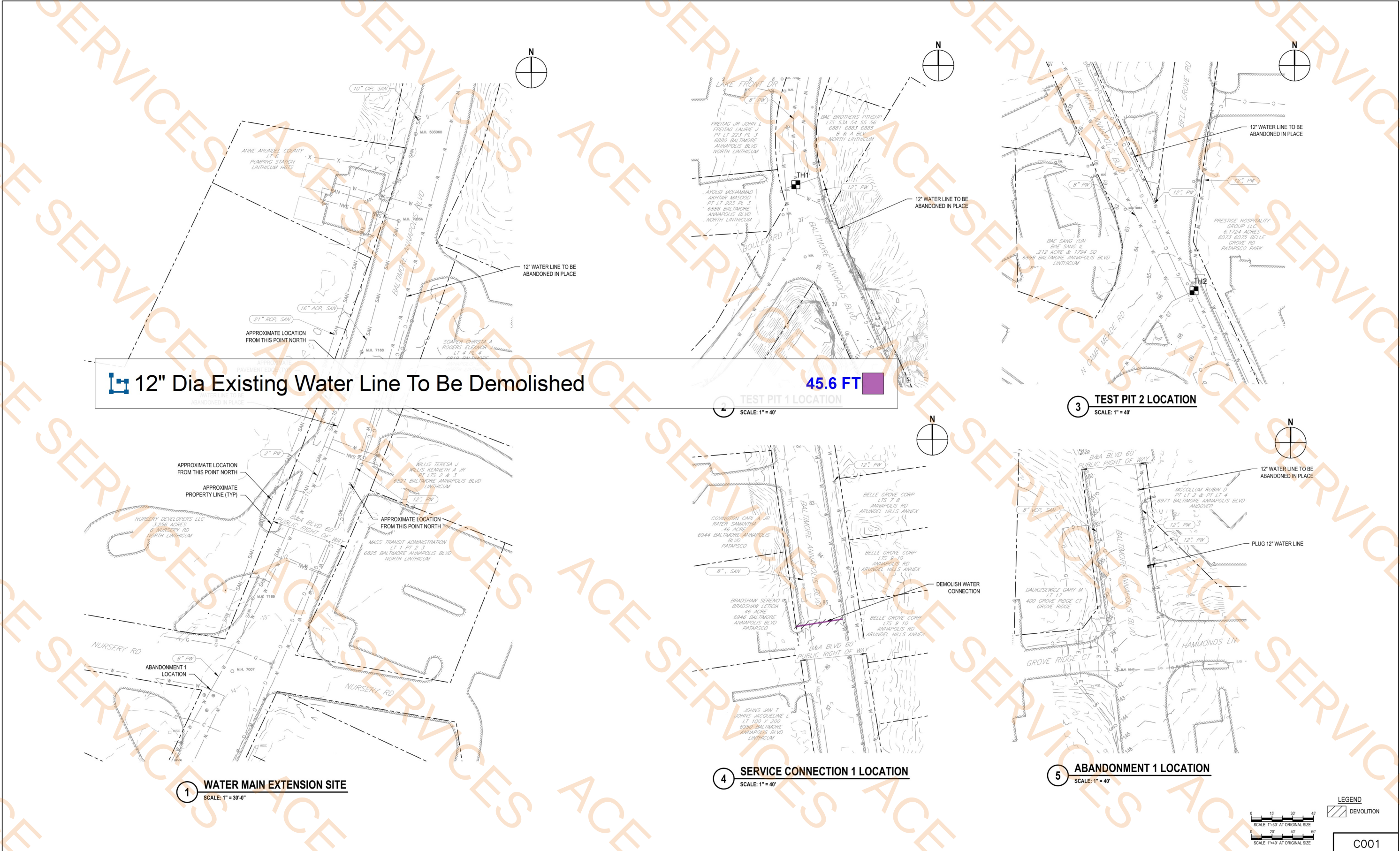
PROVED by: TV 9/23/DATE

day-fountain 9/23/2024

PROJECT MANAGER

APPROVED: DATE
33. EST. 0/23/2024

CHIEF, RIGHT-OF-WAY



GHD 16701 Melford Boulevard, Suite 221 Bowie, Maryland 20715 USA T 1 240 206 6810 W www.ghd.com		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS 107797-1 B&A WATER MAIN EXTENSION	
PROFESSIONAL CERTIFICATION: I HEREBY CERTIFY THAT THESE DOCUMENTS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF MARYLAND, LICENSE NO. 30016, EXPIRATION DATE: 4/08/2024		OVERALL SITE PLAN	
REVISIONS DATE BY APPROVED DATE 9/26/2024 CHIEF ENGINEER APPROVED DATE 9/26/2024 ASSIST CHIEF ENGINEER		APPROVED DATE 9/23/2024 PROJECT MANAGER DATE 9/23/2024 CHIEF, RIGHT-OF-WAY	
SCALE AS SHOWN DRAWN BY: D. FRAZIER CHECKED BY: L. SITTER SHEET NO. 3 OF 9 PROJECT NO.: YS14200 CONTRACT NO.: YS14227			

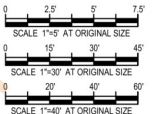


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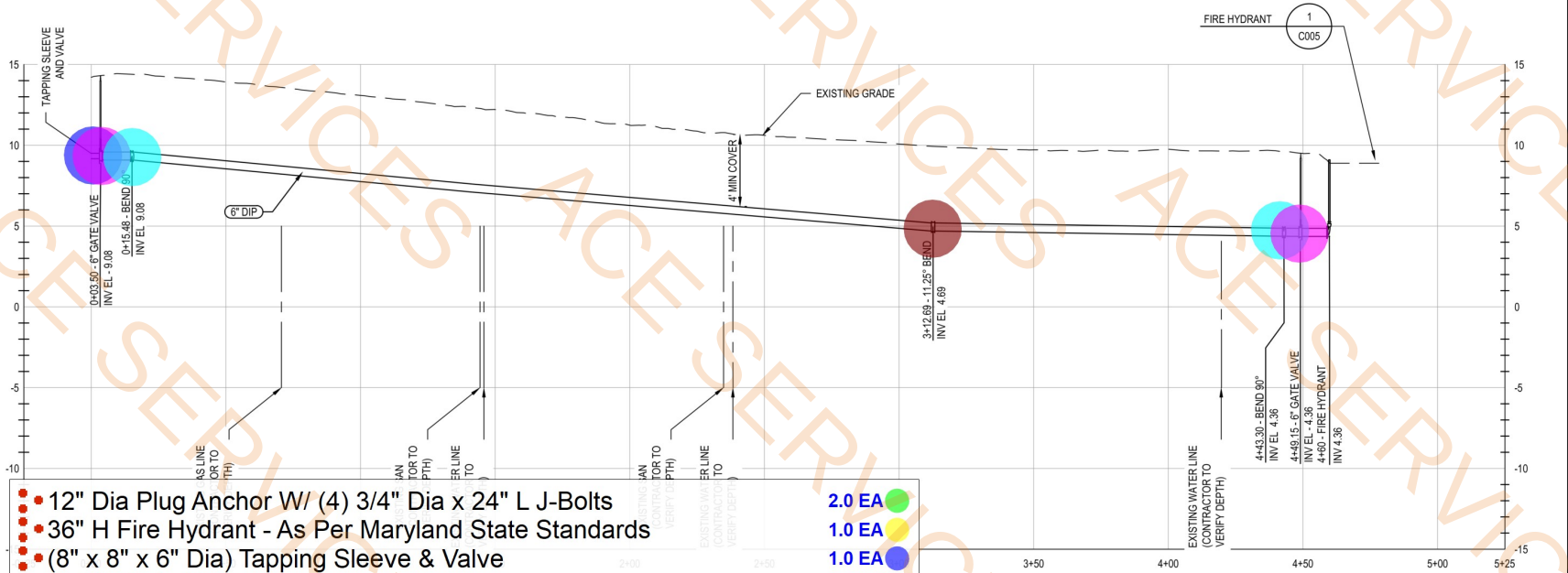
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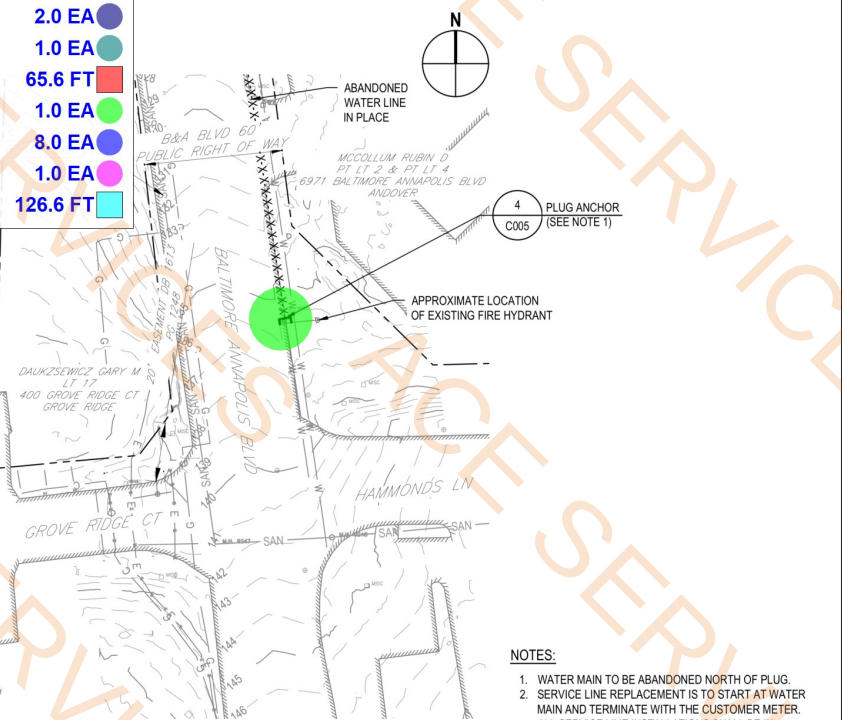
ANNE ARUNDEL COUNTY										107798-1	
DEPARTMENT OF PUBLIC WORKS											
REVISED		APPROVED		DATE	APPROVED BY		DATE	SCALE-FRS SHOWN		B&A WATER MAIN EXTENSION	
DATE	BY	<i>[Signature]</i>		9/26/2024	<i>[Signature]</i>		9/23/2024	DRAWN BY: D. FRAZIER			
		CHIEF ENGINEER		PROJECT MANAGER				CHECKED BY: L. SITTER			
		APPROVED		DATE	APPROVED BY		DATE	SHEET NO. 4 OF 9		WATER MAIN PLAN AND PROFILE	
		<i>[Signature]</i>		9/26/2024	<i>[Signature]</i>		9/23/2024	PROJECT NO.: YS14200			
		ASSIST CHIEF ENGINEER		CHIEF, RIGHT-OF-WAY				CONTRACT NO.: YS14227			



C002

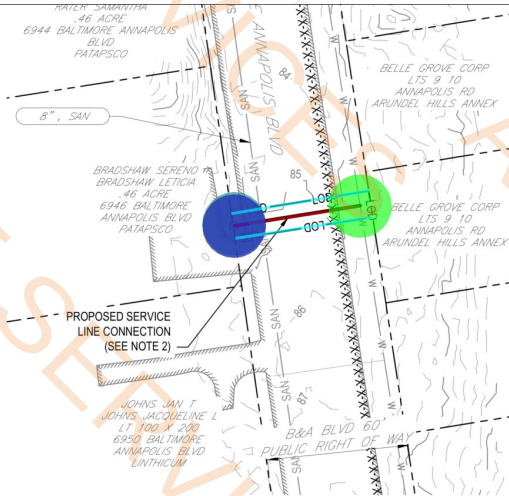


- 12" Dia Plug Anchor W/ (4) 3/4" Dia x 24" L J-Bolts
- 36" H Fire Hydrant - As Per Maryland State Standards
- (8" x 8" x 6" Dia) Tapping Sleeve & Valve
- 6" Dia Gate Valve
- 6" Dia 90 Degree Bend
- 12" Dia 90 Degree Bend
- 6" Dia 11.25 Degree Bend
- 6" Dia Water Meter
- (6" x 6" x 6" Dia) Tee
- 12" Dia Water Meter
- 12" Dia Water Main Line
- (12" x 12" x 12" Dia) Tee
- Thrust Block
- Adjustable Roadway Valve Box
- Sawcut Existing Asphalt Pavement



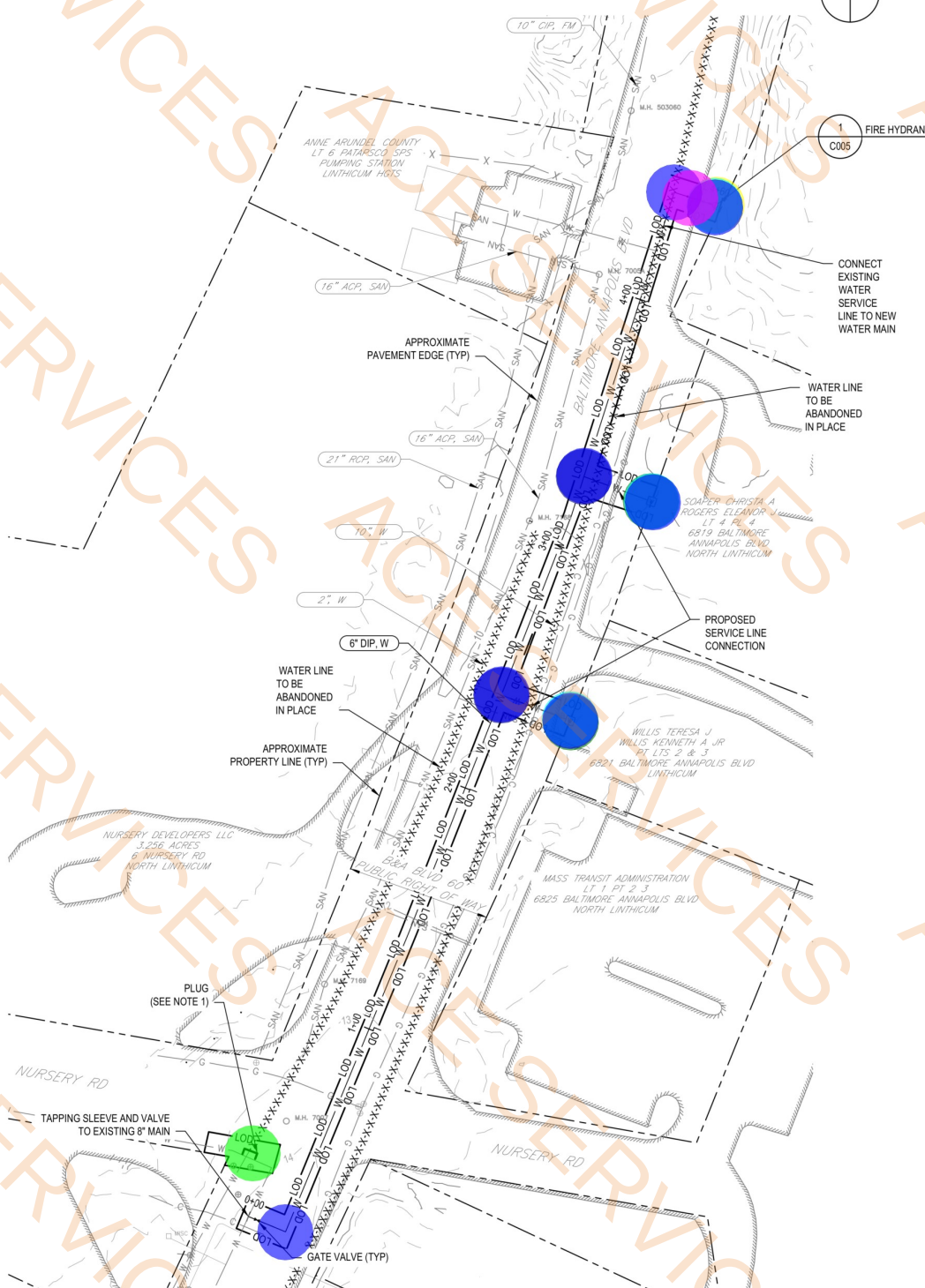
NOTES:

1. WATER MAIN TO BE ABANDONED NORTH OF PLUG.
2. SERVICE LINE REPLACEMENT IS TO START AT WATER MAIN AND TERMINATE WITH THE CUSTOMER METER. ALL SERVICE LINE INSTALLATIONS SHALL BE IN ACCORDANCE WITH AAScO STANDARDS AND DETAILS.
3. IF EXCAVATED MATERIAL IS FOUND UNSUITABLE, CONTRACTOR TO DISPOSE AND REPLACE MATERIAL IN ACCORDANCE TO SPECIFICATION 02250 - TRENCH EXCAVATION, BACKFILL AND COMPACTION.



SERVICE CONNECTION FOR
6946 BALTIMORE ANNAPOLIS BLVD

4 SCALE: 1" = 40'



1 WATER MAIN EXTENSION

SCALE: 1" = 30'

5 ABANDONMENT 1 LOCATION
SCALE: 1" = 40'



 16701 Melford Boulevard, Suite 221 Bowie, Maryland 20715 USA T 1 240 206 6810 W www.ghd.com		 PROFESSIONAL ENGINEER 50859		ANNE ARUNDEL COUNTY DEPARTMENT OF PUBLIC WORKS		107798-1
REVISOR		APPROVED		DATE		SCALE: 1" = 40'
DATE		BY		DATE		SCALE: 1" = 40'
		CHIEF ENGINEER		PROJECT MANAGER		CHECKED BY: L. SITTER
		DATE		DATE		SHEET NO. 4 OF 9
		ASSIST CHIEF ENGINEER		CHIEF, RIGHT-OF-WAY		PROJECT NO.: YS14200
						CONTRACT NO.: YS14227