

GENERAL NOTES

- The applicant shall obtain a Site Utility Permit prior to construction.
- All construction shall be in conformance with provisions of the Washington Suburban Sanitary Commission General Conditions and Standard Specifications, Standard Details for Construction, Development Services Code, Plumbing and Fuel Gas Code and these approved plans.
- Water pipe ductile iron class 54 minimum with zinc coating and V-Bio polyethylene encasement.
- Sewer pipe PVC ASTM D3034.
- Notify the WSSC Contract Manager 48 hours prior to retrieving water meters. Contract Manager will schedule final meter reading.
- Prior to beginning work on service connection obtain a Service Connection Permit (SCP). To schedule inspection of service connection call (301) 206-8385.
- The pressure in the water may be lower than 40 psi at invert elevations greater than 592.62 feet. The pressure in the water main may be lower than 25 psi at invert elevations greater than 627.26 feet.
- Water mains shall be hydrostatically tested per specification section 02510. The test pressure for ductile iron mains shall be 200 psi for the duration of 2 hours and shall show no sign of leakage.

BLOCKING NOTES

- Restrain all joints unless otherwise noted on the plan.
- Restrain fire hydrant to main per Std. Dtl. B/2.1.

EROSION AND SEDIMENT CONTROL NOTES

- Sediment and Erosion Control approval is by the City of Rockville.

WASHINGTON SUBURBAN SANITARY COMMISSION

HYDRAULIC INFORMATION SHEET

SITE UTILITY NO.: SU-3319-2021 200' SHEET NO.: 221NW08

PART 1 – INFORMATION PROVIDED BY THE APPLICANT

LOCATION OF WORK				<i>The information provided by the WSSC represents the normal operating conditions expected in the water system. A specific flow and pressure are not guaranteed to be delivered.</i>	
KING FARM FARMSTEAD		TOWN		ROCKVILLE	
LOT	BLOCK	SUBDIVISION	NO. OF STORIES	ZIP	
A		503		20878	
BUILDING ADDRESS (HOUSE NO., STREET NAME)			COUNTY	NAME OF COMPANY	PHONE
16100 FREDERICK ROAD			PG	KCI TECHNOLOGIES (410) 316-7800	
TYPE STRUCTURE (STORE, DWELLING, ETC.)			MONT.	NAME OF COMPANY	PHONE
FARMSTEAD PARK			<input checked="" type="checkbox"/>	936 RIDGEBROOK ROAD, SPARKS, MD 21152	
SPECIFIC USE			ADDRESS OF COMPANY		
COMMERCIAL/ OFFICE SPACE					

INVERT ELEVATION OF WSSC MAIN*	511.6	ft.
FIRST FLOOR ELEVATION	510.96	ft.
TOP FLOOR ELEVATION	N/A	ft.
DOMESTIC FLOW		
PEAK FLOW	160	gpm
FIRE SPRINKLER SYSTEM		
REQUIRED FLOW	909	gpm
ELEVATION OF HIGHEST SPRINKLER HEAD	26	ft.
SITE UTILITY FIRE HYDRANT SYSTEM		
REQUIRED FLOW AT LAST FIRE HYDRANT	1,500	gpm
ELEVATION OF LAST FIRE HYDRANT	509	ft.
REQUIRED FLOW AT ADJACENT FIRE HYDRANT	N/A	gpm
ELEVATION OF ADJACENT FIRE HYDRANT	N/A	ft.
FIRE STANDPIPE SYSTEM		
REQUIRED FLOW	NONE	gpm
ELEVATION OF TOP OUTLET	N/A	ft.

PART 2 – INFORMATION PROVIDED BY WSSC**

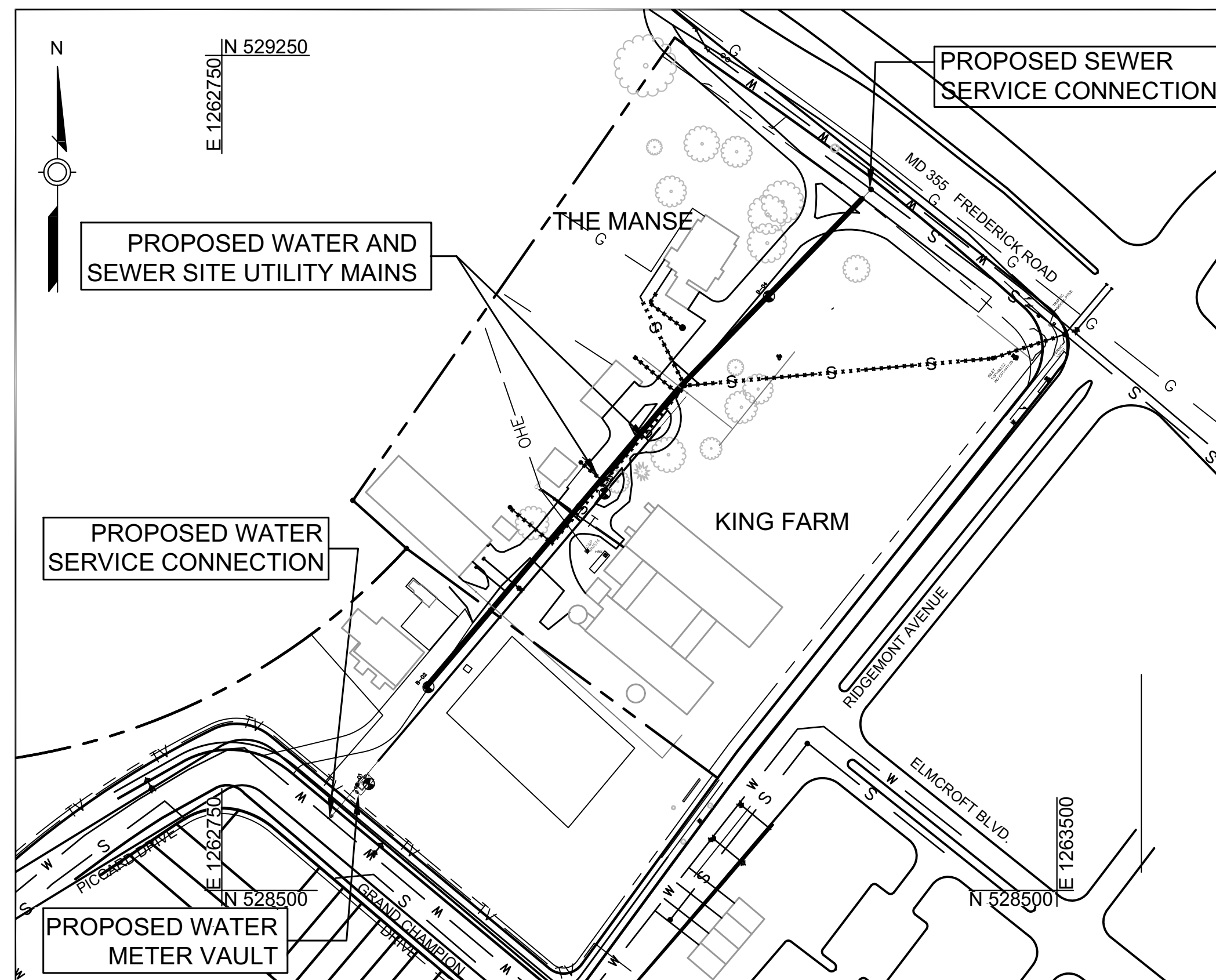
LOW DOMESTIC PRESSURE*	50	psi
HIGH PRESSURE*	73	psi
LOW PRESSURE WITH FIRE FLOW OF 1500-GPM*	40	psi
LOW PRESSURE WITH THE REQUESTED SPRINKLER FLOW*	45	psi
LOW PRESSURE WITH THE REQUESTED FIRE STANDPIPE FLOW*	N/A	psi

*AT THE POINT OF CONNECTION Approved: A. Atencio 6/7/2022

****EXPIRES WITH THE ASSOCIATED SITE UTILITY PLAN (3 YEARS FROM SITE UTILITY APPROVAL DATE)**

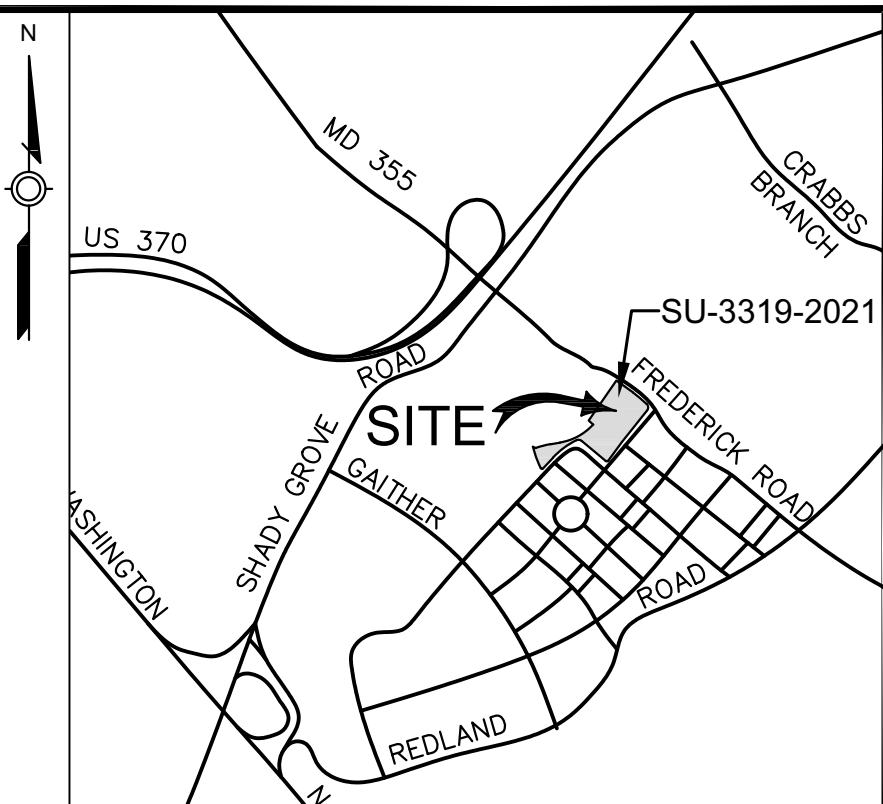
THIS COMPLETED DOCUMENT SHALL BE DELIVERED TO THE APPROPRIATE COUNTY BUILDING OFFICIAL IN CONJUNCTION WITH THE BUILDING PERMIT APPLICATION.

\\LIBRARY\5-SITE UTILITY\FORMS\EXTERNAL\HYDRAULIC INFORMATION SHEET.doc Revised 3-3-16



PROJECT AREA MAP
SCALE: 1" = 100'

SHEET INDEX	
SHEET NO.	SHEET NAME
1	TITLE SHEET
2	WATER & SEWER PLAN
3	WATER & SEWER PLAN & PROFILE
4	WATER & SEWER PROFILES
5	WATER & SEWER PROFILES & CITY OF ROCKVILLE DETAILS



VICINITY MAP
SCALE 1"=2000'
PAGE / GRID 5164 - C02

FOR LOCATION OF UTILITIES CALL 1-800-257-7777 OR LOG ON TO <http://www.missutility.net> 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY

AS BUILT DATA

CONTRACT MANAGER
CONTRACTOR
INSPECTOR
LINE & GRADE
DATE STARTED
DATE COMPLETED
TYPE PIPE W. S.
TYPE MANHOLES
DATE FINALED
FINALED BY

ENGINEER'S/SURVEYOR'S AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE AS-BUILT INFORMATION AS SHOWN IN RED HEREIN IS ACCURATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND HAS BEEN ESTABLISHED BY A FIELD RUN SURVEY USING ACCEPTABLE SURVEYING METHODS BY MYSELF AND/OR SOMEONE UNDER MY DIRECT SUPERVISION ON (EFFECTIVE DATE). ALL ASBUILT DATA IS SHOWN IN 'BOXES'.

EMAIL ADDRESS: _____

LICENSE NO.: _____ EXPIRATION DATE: _____

WSSC WATER
DELIVERING THE ESSENTIAL
DEVELOPMENT SERVICES DIVISION

The site utility water and/or sewer system shown on this plan is acceptable for design criteria only. This acceptance does not constitute a warranty, nor does it release the party submitting the plan from full responsibility for the design of this system, as well as, any deficiency which may subsequently be found. The party submitting the plan is responsible for actual construction in accordance with an applicable site utility permit which must be acquired and executed before, and work shall commence. This plan is valid only with a signed PE stamp for a period of 3 years from the date below.

Reviewed by Arthur Atencio Date: 11/29/2022

SU-3319-2021

SITE UTILITY

WATER AND SEWER PLAN

KING FARM FARMSTEAD

WATER AND SEWER IMPROVEMENTS

WATTS BRANCH DRAINAGE BASIN/ MINI BASIN 16 997
ELECTION DISTRICT NO. 9, GAITHERSBURG
MONTGOMERY COUNTY, MARYLAND

SERVICE CATEGORIES	
W - 1	S - 1
HYDRAULIC GRADES	
HHG	680
LHG	626

PIPE SCHEDULE			
TYPE	LENGTH (FT)		
	PRIVATE (8")	HOUSE CONNECTION (6")	HOUSE CONNECTION (4")
WATER	534	117	166
SEWER	600	91	154

APPROVAL	DATE	REVISIONS

NOTE: THESE DOCUMENTS CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REDISTRIBUTED WITHOUT PRIOR WSSC APPROVAL.

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.

NAME, P.E.: Jordan E. Rang, P.E.

EMAIL ADDRESS: jordan.rang@kci.com 11/29/2022

LICENSE NO.: 45808 EXPIRATION DATE: 06/03/2024

6/29/2022

ENGINEER

NAME:	KCI Technologies, Inc.
REGISTRATION #:	
ADDRESS:	936 Ridgebrook Road, Sparks, MD 21152
PHONE:	410-316-7800
CONTACT:	Jordan Rang, P.E.
CONTACT EMAIL:	jordan.rang@kci.com

APPLICANT

NAME:	City of Rockville Recreation and Parks Dept.		
ADDRESS:	111 Maryland Avenue #3, Rockville, MD 20850		
PHONE:	240-314-8608		
CONTACT:	Mauricio Daza		
EMAIL:	mdaza@rockvillemd.gov		
NO	1		
200' SHEET NO.	221NW08	OF	5

FINAL FILMED
PLAN FILMED
RELEASED
RWS ACQUIRED
JOB AUTH.

SEQUENCE OF CONSTRUCTION:

- 1. THE CONTRACTOR SHALL CONTACT THE CITY OF ROCKVILLE DEPARTMENT OF PUBLIC WORKS 240-314-8500, CITY UTILITIES SECTION 240-314-8567, AND THE CITY FORESTER 240-314-8705 AT LEAST 48 HOURS PRIOR TO COMMENCING ANY WORK UNDER THIS CONTRACT.
2. THE CONTRACTOR SHALL CONTACT "MISS UTILITY" AT 1-800-257-7777 AT LEAST 48 HOURS PRIOR TO COMMENCING ANY WORK UNDER THIS CONTRACT.
3. THE CONTRACTOR IS REQUIRED TO HOLD A PRECONSTRUCTION MEETING WITH AUTHORIZED REPRESENTATIVES OF THE CITY OF ROCKVILLE DEPARTMENT OF PUBLIC WORKS, SEDIMENT CONTROL INSPECTOR, CONSTRUCTION MANAGEMENT PROJECT INSPECTOR, AND THE CITY FORESTRY INSPECTOR PRIOR TO COMMENCING ANY WORK UNDER THIS CONTRACT. MINIMUM 48 HOURS NOTICE MUST BE GIVEN PRIOR TO THE MEETING. ALL OTHER AGENCIES ISSUING PERMITS MUST BE PRESENT AT THE PRECONSTRUCTION MEETING.
4. LOD MUST BE MARKED IN THE FIELD PRIOR TO THE PRECONSTRUCTION MEETING.
5. INSTALL SEDIMENT AND EROSION CONTROL DEVICES IN ACCORDANCE WITH THE 2011 MARYLAND STANDARDS AND SPECIFICATIONS FOR SOIL EROSION AND SEDIMENT CONTROL AND WITH THE EROSION AND SEDIMENT CONTROL PLANS.
6. INSTALL TREE PROTECTION BARRIERS ALONG THE LIMIT OF DISTURBANCE NEAR EXISTING TREES TO REMAIN, OR AS DIRECTED BY THE CITY OF ROCKVILLE FORESTER AND AS SHOWN ON THE EROSION AND SEDIMENT CONTROL PLANS.
7. INSTALL 8" WATER MAIN ALONG THE PROPERTY'S DRIVEWAY FROM STA. 0+83 TO STA. 5+34 COMPLETE WITH FITTINGS, VALVES, AND FIRE HYDRANTS AS SHOWN ON THE DRAWINGS. RESTRAIN ALL JOINTS AND FITTINGS.
8. INSTALL THE 4" AND 6" WATER MAINS TO EACH BUILDING COMPLETE WITH FITTINGS AND VALVES AS SHOWN ON THE DRAWINGS. RESTRAIN ALL JOINTS AND FITTINGS.
9. INSTALL 8" WATER MAIN (FROM STA. 0+15 TO STA. 0+83), METER VAULT, VALVES, FITTINGS, AND FIRE HOSE CONNECTION AS SHOWN ON THE DRAWING. RESTRAIN ALL JOINTS.
10. INSTALL 8"x8" TAPPING SLEEVE AND VALVE AT THE LOCATION SHOWN ON THE CONTRACT DRAWINGS, USING APPROVED FITTINGS AND CONNECTIONS. INSTALL 8" WATER MAIN FROM STA. 0+00 TO STA. 0+15. RESTRAIN ALL JOINTS. VALVES SHALL BE OPERATED BY WSSC PERSONNEL ONLY.
11. TEST AND DISINFECT NEW WATER PIPING IN ACCORDANCE WITH WSSC STANDARD SPECIFICATIONS FOR CONSTRUCTION.
12. RESTORE THE AREA TO EXISTING CONDITIONS.
13. INSTALL 8" SEWER MAIN FROM MH-6 TO EX. MH U-029.
14. INSTALL 6" AND 4" SEWER MAINS FROM THE 8" MAIN TO EACH BUILDING AS SHOWN ON THE DRAWINGS.
15. PERFORM SANITARY SEWER TESTING IN ACCORDANCE WITH WSSC STANDARD SPECIFICATIONS FOR CONSTRUCTION.
16. CONNECT TO EXISTING SANITARY SEWER.
17. RESTORE THE AREA TO EXISTING CONDITIONS.

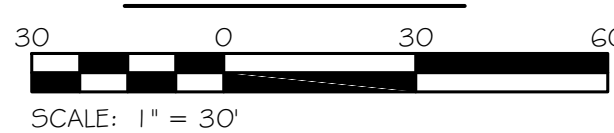
NOTE:

WORK SHALL COMPLY WITH THE CURRENT MONTGOMERY COUNTY SPECIFICATIONS FOR UTILITY CONSTRUCTION PERMIT. COMPLETE REPAIR (RESTORATION OF RIGHT-OF-WAY) SHALL BE MADE OF ANY AND ALL DAMAGES DONE TO THE EXISTING IMPROVEMENTS IN THE PUBLIC RIGHT-OF-WAY CAUSED BY CONSTRUCTION OPERATIONS AT THE SITE. ALL LANE CLOSURES/TRAFFIC CONTROLS SHALL COMPLY WITH THE MCDOT APPROVED TRAFFIC CONTROL PLANS, WORK ZONE TEMPORARY TRAFFIC CONTROL STANDARDS, AND DIRECTIONS OF THE DPS ROW INSPECTOR.

LEGEND table with symbols for Proposed Water, Proposed Sewer, Property Line, Existing Water, Existing Sewer, Existing Gas, Existing Cable TV, Critical Root Zone, Existing Fence, To Be Abandoned, Silo Fence, Limit of Disturbance, Soil Boring, Tree Removal, etc.

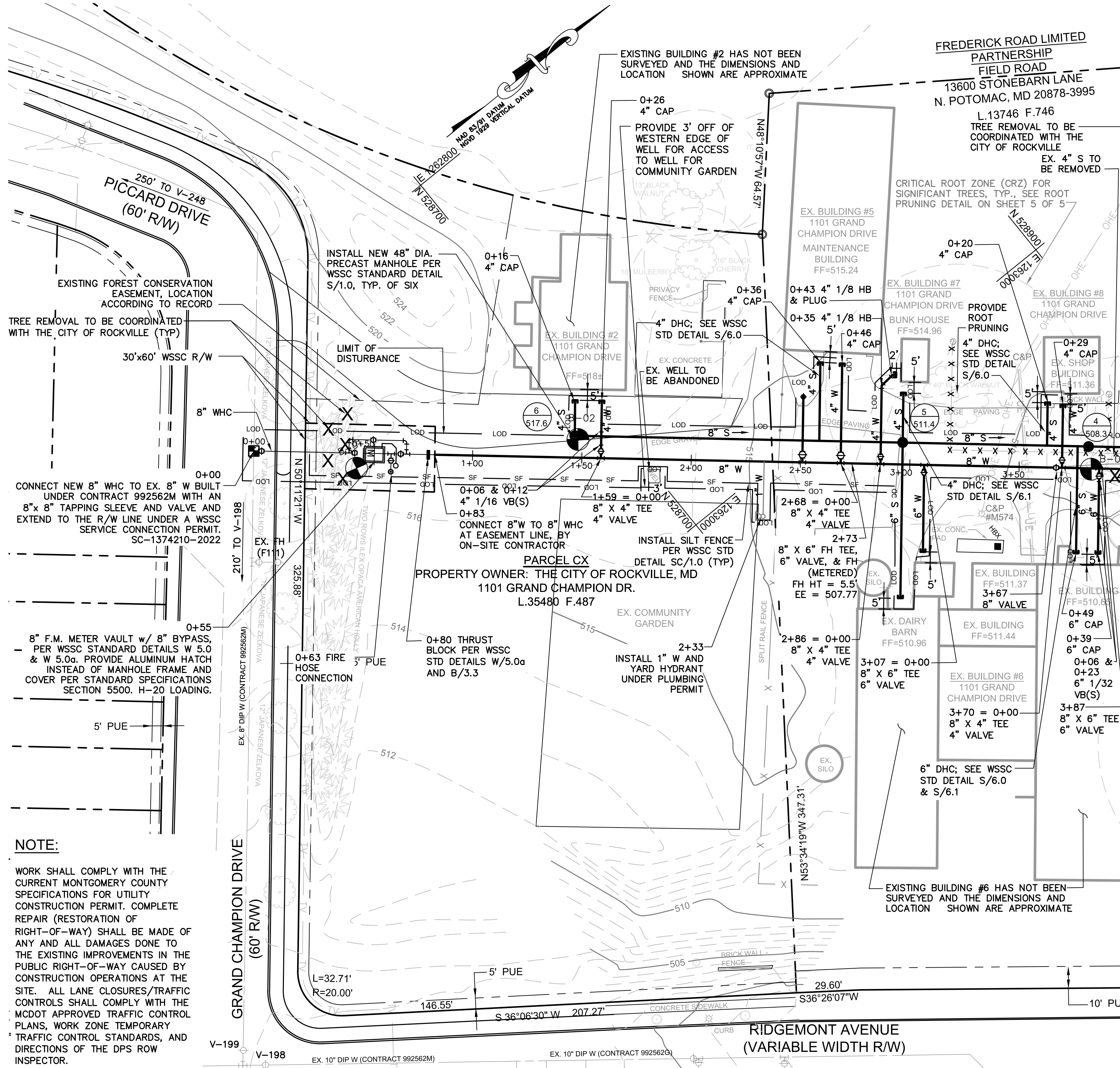
PLAN SCALE: 1" = 30'

GRAPHIC SCALE



FOR LOCATION OF UTILITIES CALL 1-800-257-7777 OR LOG ON TO http://www.missutility.net/tcd 48 HOURS IN ADVANCE OF ANY WORK IN THIS VICINITY

NOTE: CONNECTIONS INTO THE EXISTING BUILDINGS TO BE COMPLETED BY OTHERS UNDER WSSC PLUMBING PERMITS. CONTRACTOR TO COORDINATE LOCATION OF SERVICE CONNECTIONS IN THE BUILDING WITH THE CITY OF ROCKVILLE.



SHEET NOTES:

- 1. PRIVATE UTILITY LOCATIONS ARE SHOWN BASED ON THE BEST INFORMATION AVAILABLE. THE CONTRACTOR SHALL VERIFY ALL LOCATIONS PRIOR TO STARTING WORK, AND SHALL INFORM THE ENGINEER IF THE VERIFIED LOCATIONS ARE SIGNIFICANTLY DIFFERENT THAN SHOWN HEREIN.
2. THE CONTRACTOR SHALL SUBMIT A REMOVAL AND ABANDONMENT PLAN TO THE ENGINEER FOR REVIEW PRIOR TO STARTING ANY WATER OR SEWER WORK.
3. WATER MAIN SHALL HAVE 48" COVER, MINIMUM.
4. ABANDONMENT OF EXISTING SEWER MAINS SHALL FOLLOW WSSC STANDARDS. EXISTING SEWER SHALL BE PLUGGED AND FILLED WITH FLOWABLE FILL FOR THE ENTIRE LENGTH OF SEWER TO BE ABANDONED, UNLESS OTHERWISE NOTED TO BE REMOVED.
5. THE CONTRACTOR SHALL TAKE EVERY EFFORT TO PROTECT THE HEALTH OF TREES ADJACENT TO CONSTRUCTION. IN THE EVENT OF CONFLICT THE CONTRACTOR SHALL CONSULT WITH THE CITY OF ROCKVILLE ARBORIST.
6. ROOT PRUNING SHALL BE AS DIRECTED BY THE CITY OF ROCKVILLE FORESTER.
7. TREE REMOVALS AND REPLACEMENTS SHALL BE COORDINATED WITH THE CITY OF ROCKVILLE.
8. BUILDING NUMBERS PROVIDED ARE FROM THE REPORT ENTITLED: "PHASE 1 LETTER REPORT FOR THE SITE UTILITY WATER AND SEWER SYSTEM FOR THE KING FARM FARMSTEAD" BY KCI TECHNOLOGIES, JANUARY 8, 2008, AND ARE FOR REFERENCE ONLY. THE BUILDING NUMBERS DO NOT CONSTITUTE US POSTAL SERVICE MAILING ADDRESSES.
9. EX. WELLS TO BE ABANDONED SHALL BE PROPERLY FILLED AND SEALED IN COMPLIANCE WITH THE REQUIREMENTS OF COMAR 26.04.04.11 AND FOLLOW STANDARD REQUIREMENTS AS REQUIRED BY MONTGOMERY COUNTY HEALTH DEPARTMENT.
10. WELL ABANDONMENT SHALL BE COORDINATED AFTER WATER SERVICE IS PROVIDED TO ALL BUILDINGS.
11. ANY CHANGED CONDITIONS OR DESIGN FROM THIS PLAN MUST BE BROUGHT TO THE ATTENTION OF THE WSSC PIPELINE CONSTRUCTION DIVISION INSPECTOR OR CONTRACT MANAGER AND MAY REQUIRE A FORMAL REVISION, PERMIT, AND/OR ADDITIONAL FEES.
12. CONTRACTOR SHALL TEST PIT ALL UTILITY CROSSINGS IN ADVANCE OF WATER MAIN INSTALLATION. CONTRACTOR TO CONTACT THE ENGINEER IF VERTICAL SEPARATION BETWEEN EXISTING UTILITY AND WATER MAIN IS LESS THAN 1.0'.

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Reviewed by Arthur Atencio Date: 11/29/2022

SU-3319-2021

SITE UTILITY WATER & SEWER PLAN

KING FARM FARMSTEAD WATER AND SEWER IMPROVEMENTS

WATTS BRANCH DRAINAGE BASIN/ MINI BASIN 16 997 ELECTION DISTRICT NO. 9, GAITHERSBURG MONTGOMERY COUNTY, MARYLAND

Table with columns for APPROVAL, DATE, REVISIONS, and PROFESSIONAL CERTIFICATION. Includes a note about privileged and confidential information.

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. Name: Jordan E. Rang, P.E. License No: 45808, Expiration Date: 06/03/2024



ENGINEER: NAME: KCI Technologies, Inc. REGISTRATION #: ADDRESS: 936 Ridgebrook Road, Sparks, MD 21152. PHONE: 410-316-7800. CONTACT: Jordan Rang, P.E. CONTACT EMAIL: jordan.rang@kci.com

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Table with columns for SHEET NO. (221NW08) and NO. OF SHEETS (2 OF 5).

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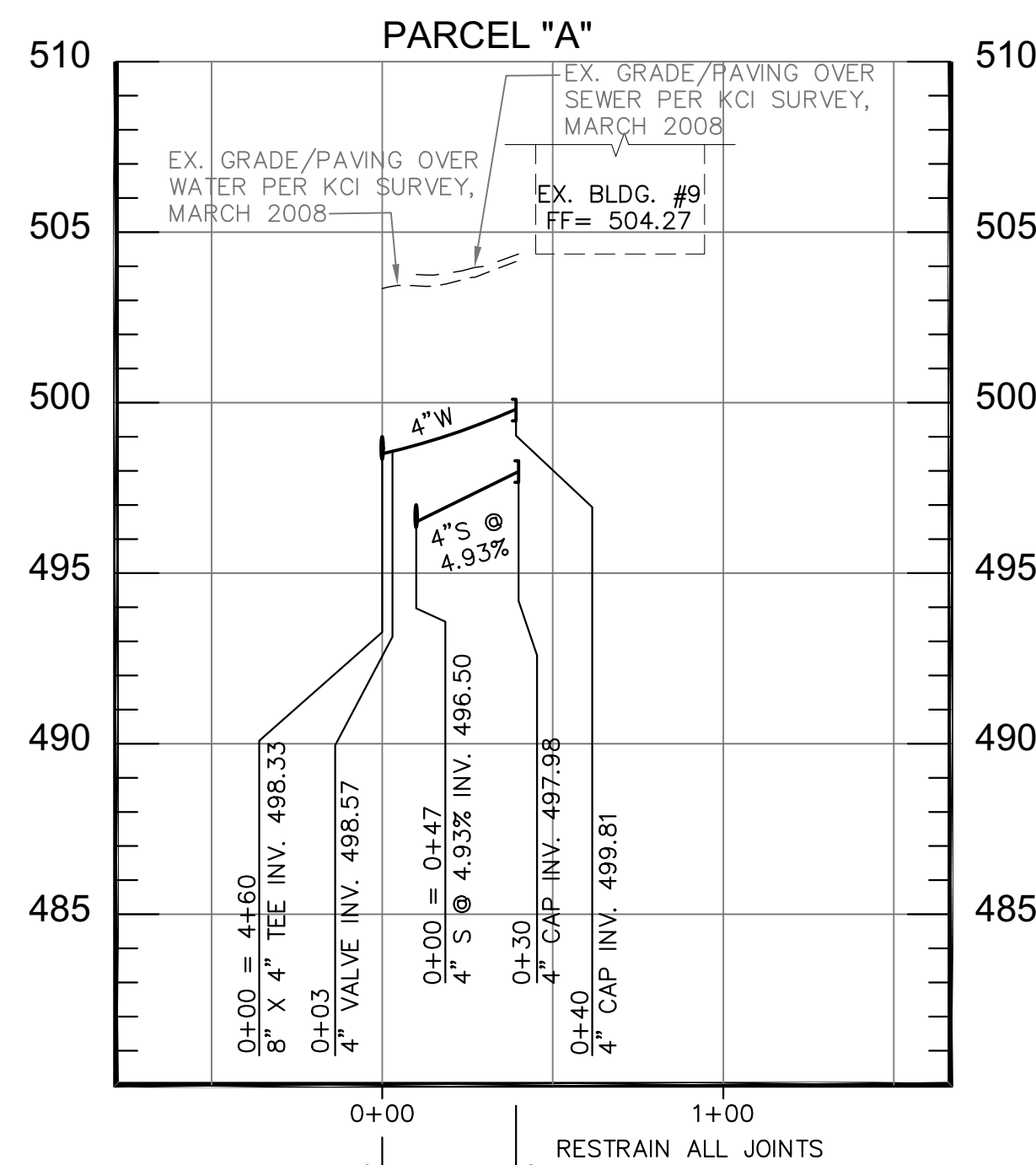
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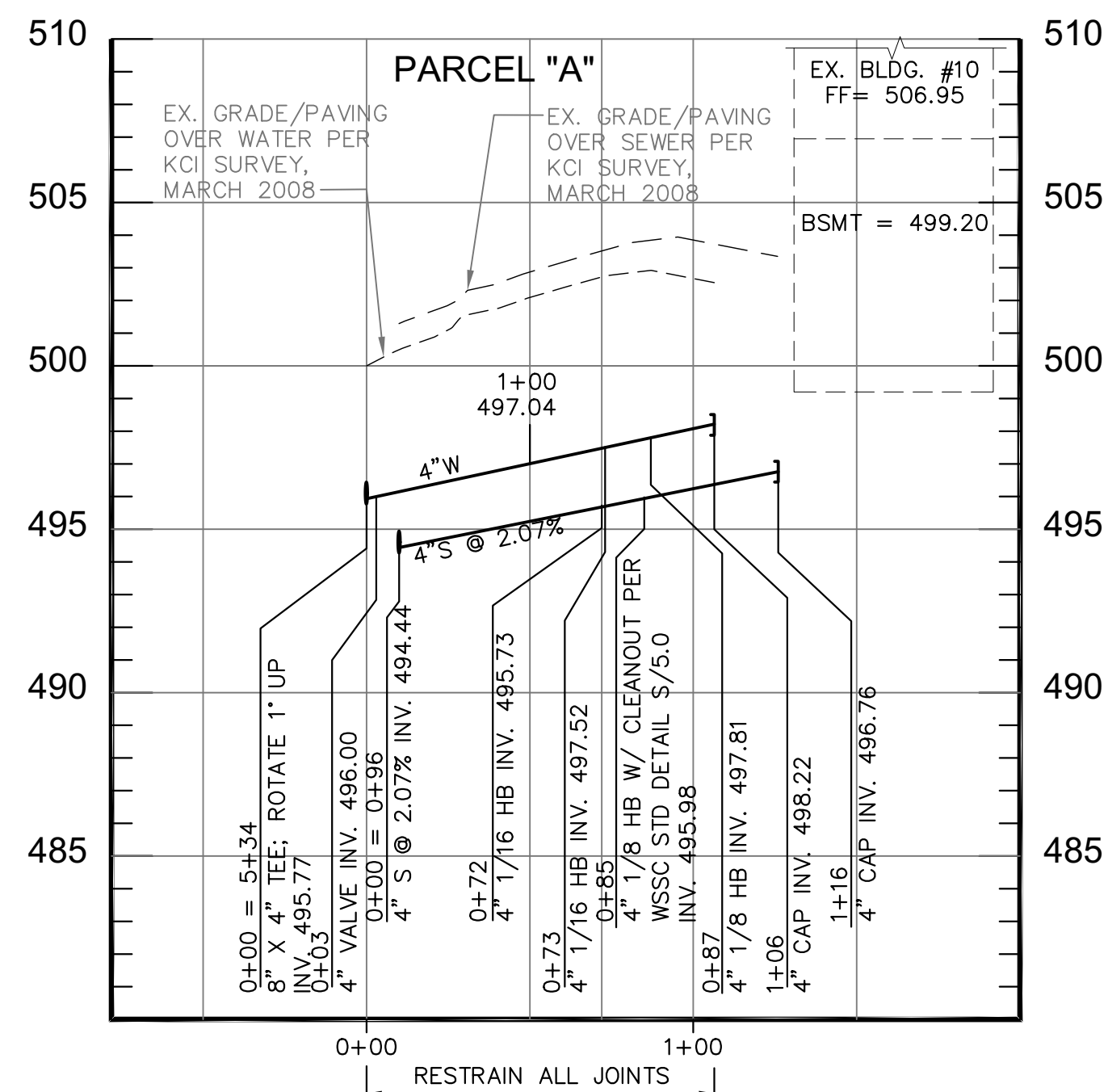
JOB AUTH.

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BUILDING #9 - SERVICE CONNECTIONS

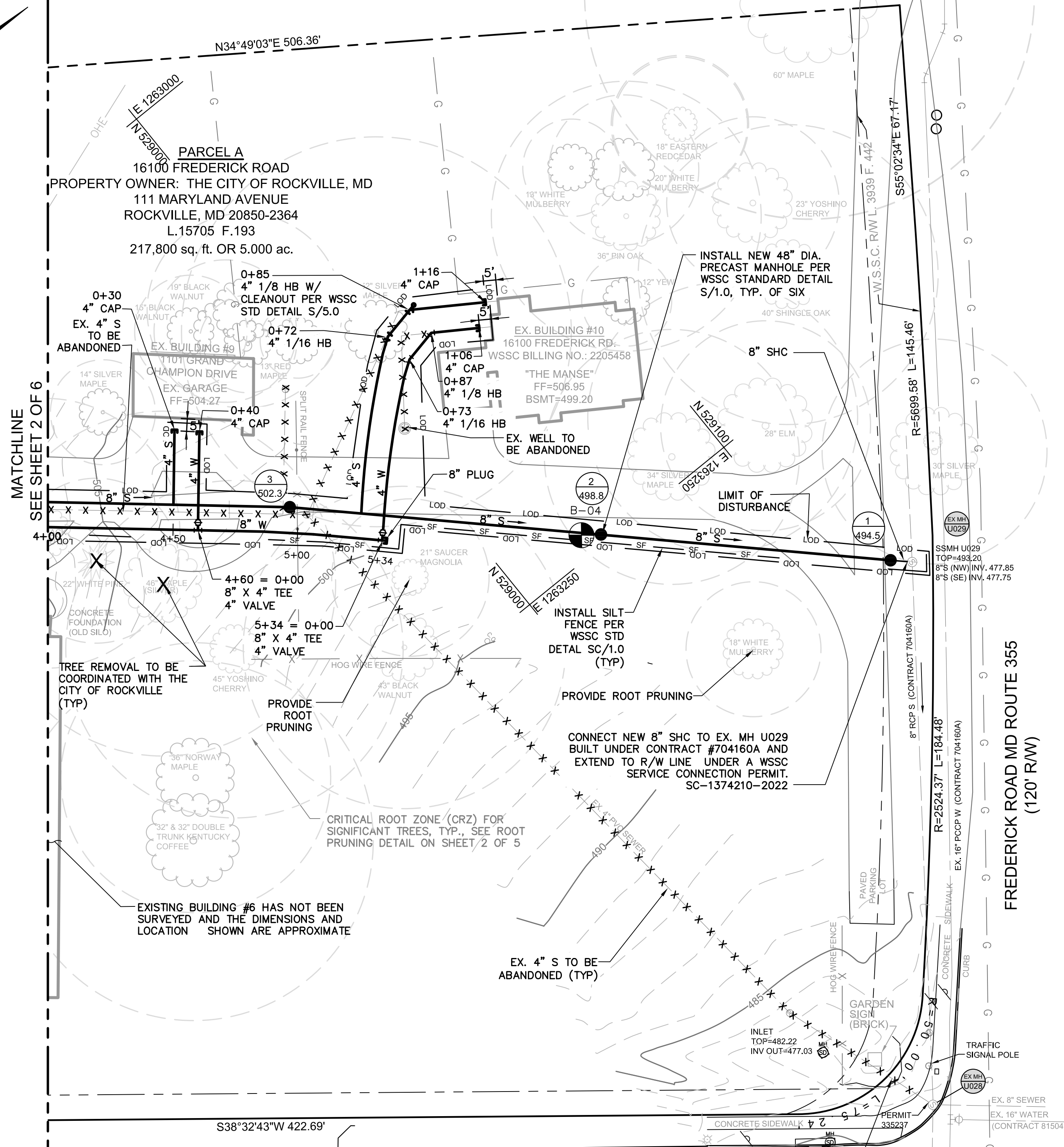
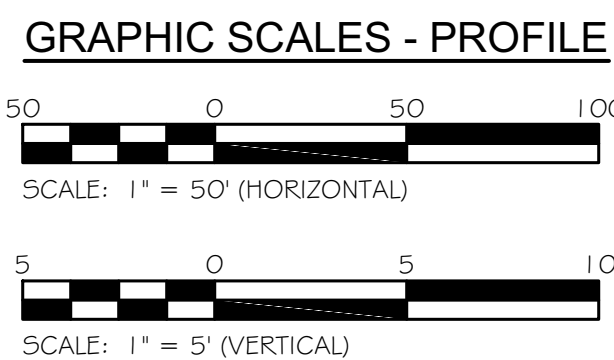
4" WATER LINE PROFILE
 4" SEWER LINE PROFILE
 SCALE: 1" = 50' (HORIZONTAL)
 1" = 5' (VERTICAL)



BUILDING #10 - SERVICE CONNECTIONS

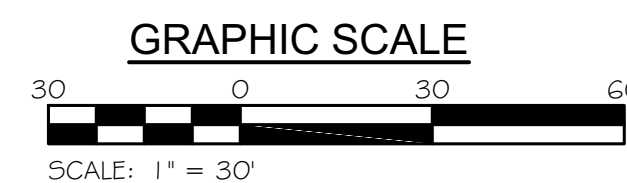
4" WATER LINE PROFILE
 4" SEWER LINE PROFILE
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- LEGEND**
- x — EXISTING FENCE
 - x — x — TO BE ABANDONED
 - PROPERTY LINE
 - - - EXISTING WATER
 - - - EXISTING SEWER
 - - - EXISTING GAS
 - - - EXISTING CABLE TV
 - - - CRITICAL ROOT ZONE
 - - - LIMIT OF DISTURBANCE
 - o SOIL BORING
 - x x TREE REMOVAL TO BE COORDINATED WITH THE CITY OF ROCKVILLE



NOTE:
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PLAN
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EMAIL ADDRESS: _____
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Reviewed by Arthur Atencio *Art Atencio* Date: 11/29/2022

SU-3319-2021
SITE UTILITY
WATER & SEWER PLAN & PROFILE
KING FARM FARMSTEAD
WATER AND SEWER IMPROVEMENTS

WATTS BRANCH DRAINAGE BASIN/ MINI BASIN 16 997
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ENGINEER

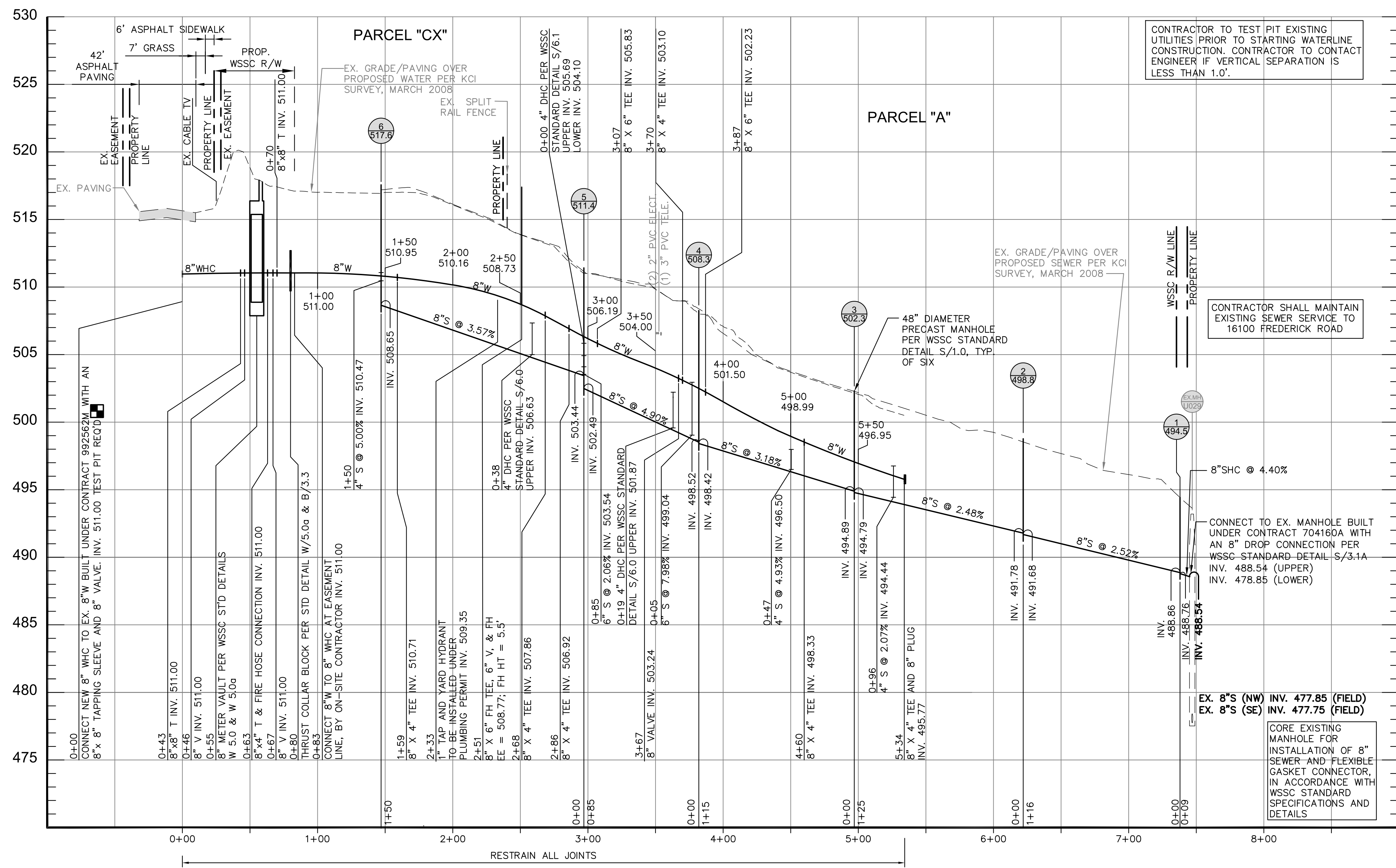
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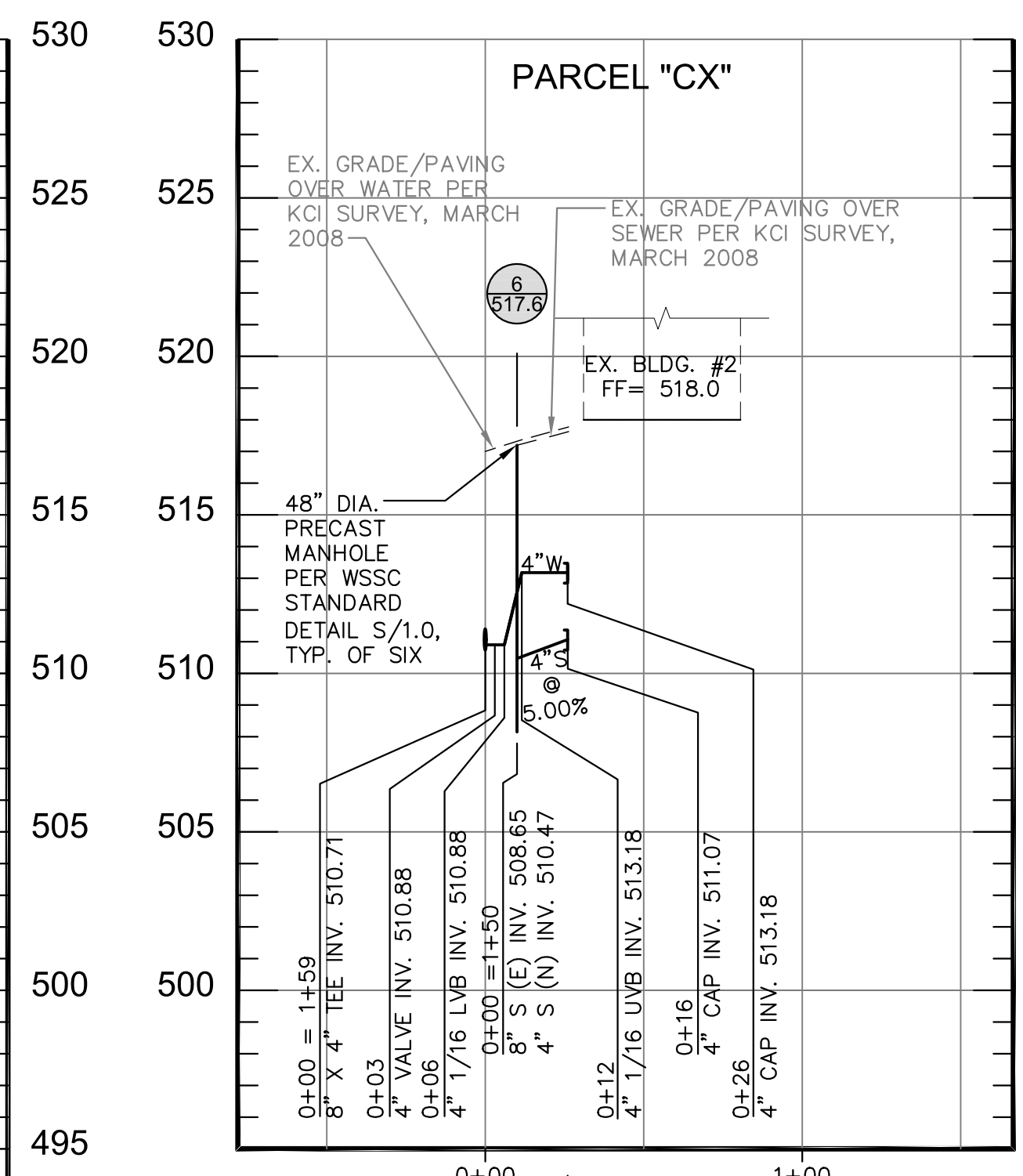
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NO	3
OF	5

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 PLAN FILMED
 RELEASED
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 JOB AUTH.



KING FARM FARMSTEAD - MAIN
8" WATER LINE PROFILE
8" SEWER LINE PROFILE
 SCALE: 1" = 50' (HORIZONTAL)
 1" = 5' (VERTICAL)




BUILDING #2 - SERVICE CONNECTIONS
4" WATER LINE PROFILE
4" SEWER LINE PROFILE
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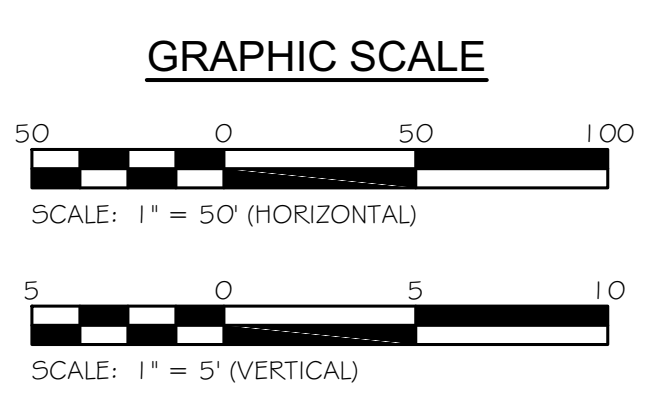
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WSSC WATER
 DELIVERING THE ESSENTIAL
 DEVELOPMENT SERVICES DIVISION

The site utility water and/or sewer system shown on this plan is acceptable for design criteria only. This acceptance does not constitute a warranty, nor does it release the party submitting the plan from full responsibility for the design of this system, as well as, any deficiency which may subsequently be found. The party submitting the plan is responsible for actual construction in accordance with an applicable site utility permit which must be acquired and executed before, and work shall commence. This plan is valid only with a signed PE stamp for a period of 3 years from the date below.

Reviewed by Arthur Atencio  Date: 11/29/2022



APPROVAL	DATE	REVISIONS

NOTE: THESE DOCUMENTS CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REDISTRIBUTED WITHOUT PRIOR WSSC APPROVAL.

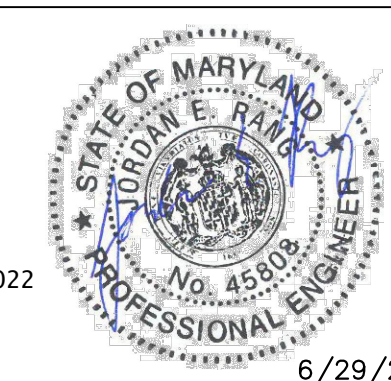
PROFESSIONAL CERTIFICATION

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.

DocuSigned by:
Jordan Rang
 1E402770C2040E

NAME, P.E.: Jordan E. Rang, P.E.
 EMAIL ADDRESS: jordan.rang@kci.com
 LICENSE NO.: 45808 EXPIRATION DATE: 06/03/2024

6/29/2022



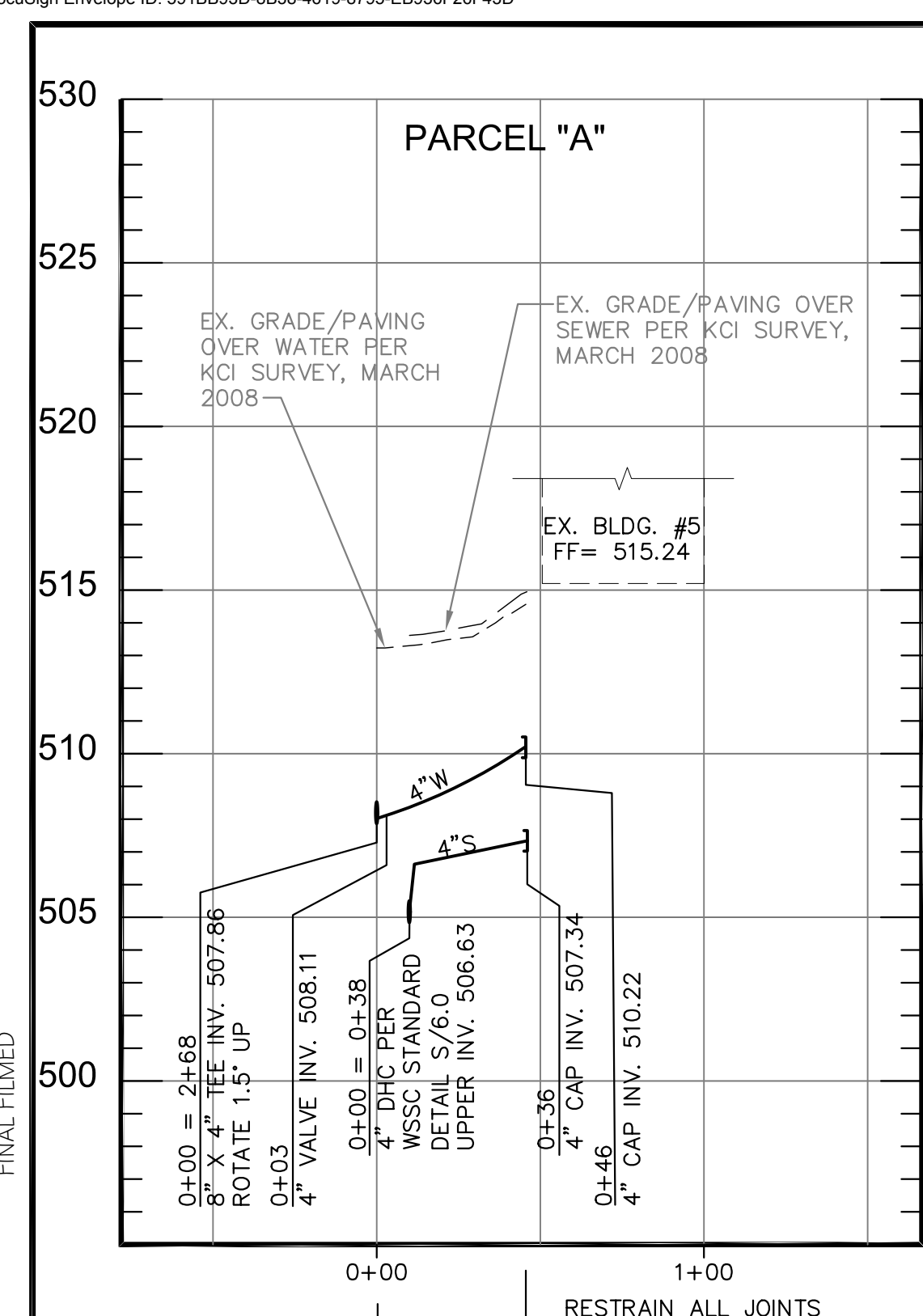
ENGINEER

NAME: KCI Technologies, Inc.
 REGISTRATION #: _____
 ADDRESS: 936 Ridgebrook Road, Sparks, MD 21152
 PHONE: 410-316-7800
 CONTACT: Jordan Rang, P.E.
 CONTACT EMAIL: jordan.rang@kci.com

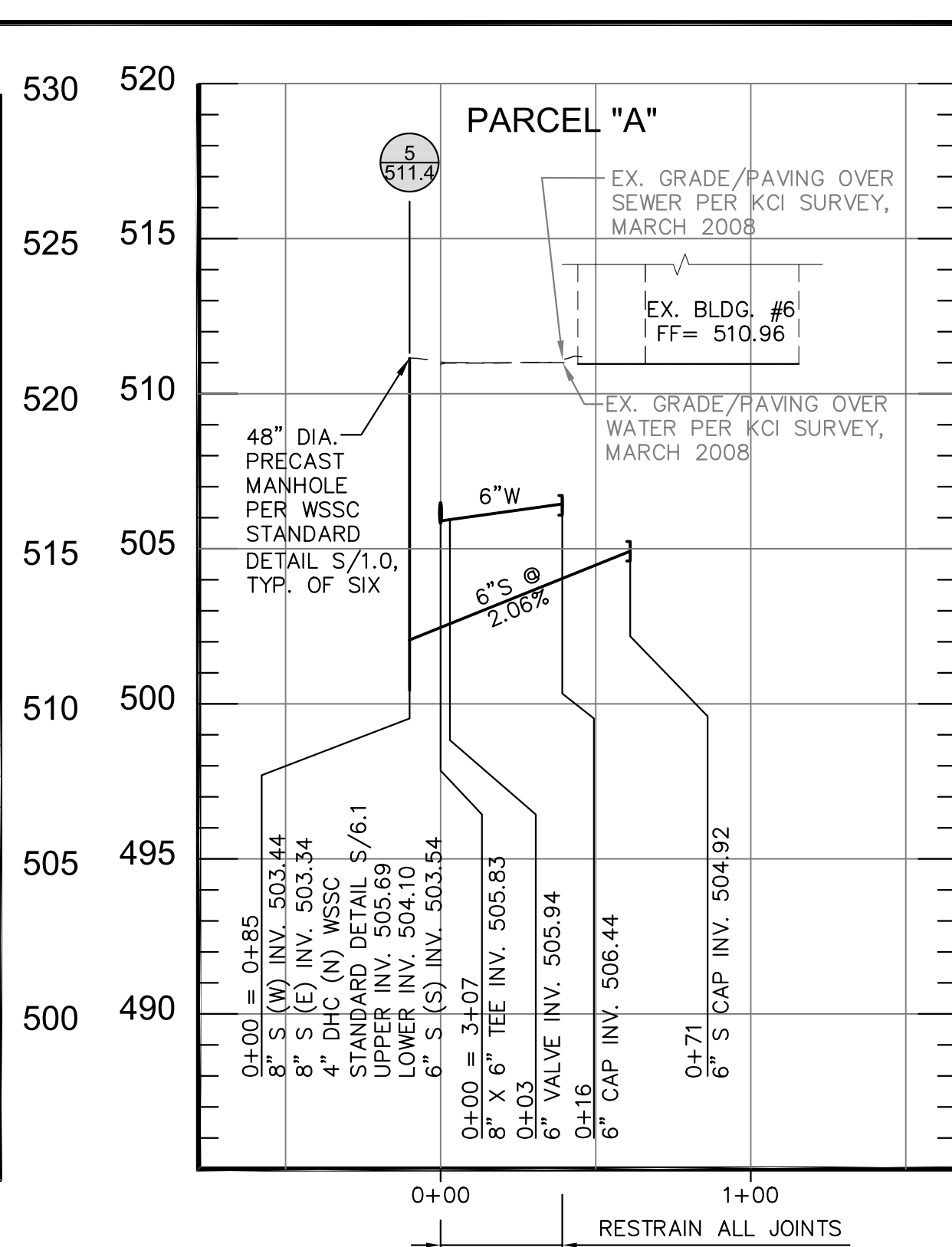
APPLICANT

NAME: City of Rockville Recreation and Parks Dept.
 ADDRESS: 111 Maryland Avenue #3, Rockville, MD 20850
 PHONE: 240-314-8608
 CONTACT: Mauricio Daza
 EMAIL: mdaza@rockvillemd.gov

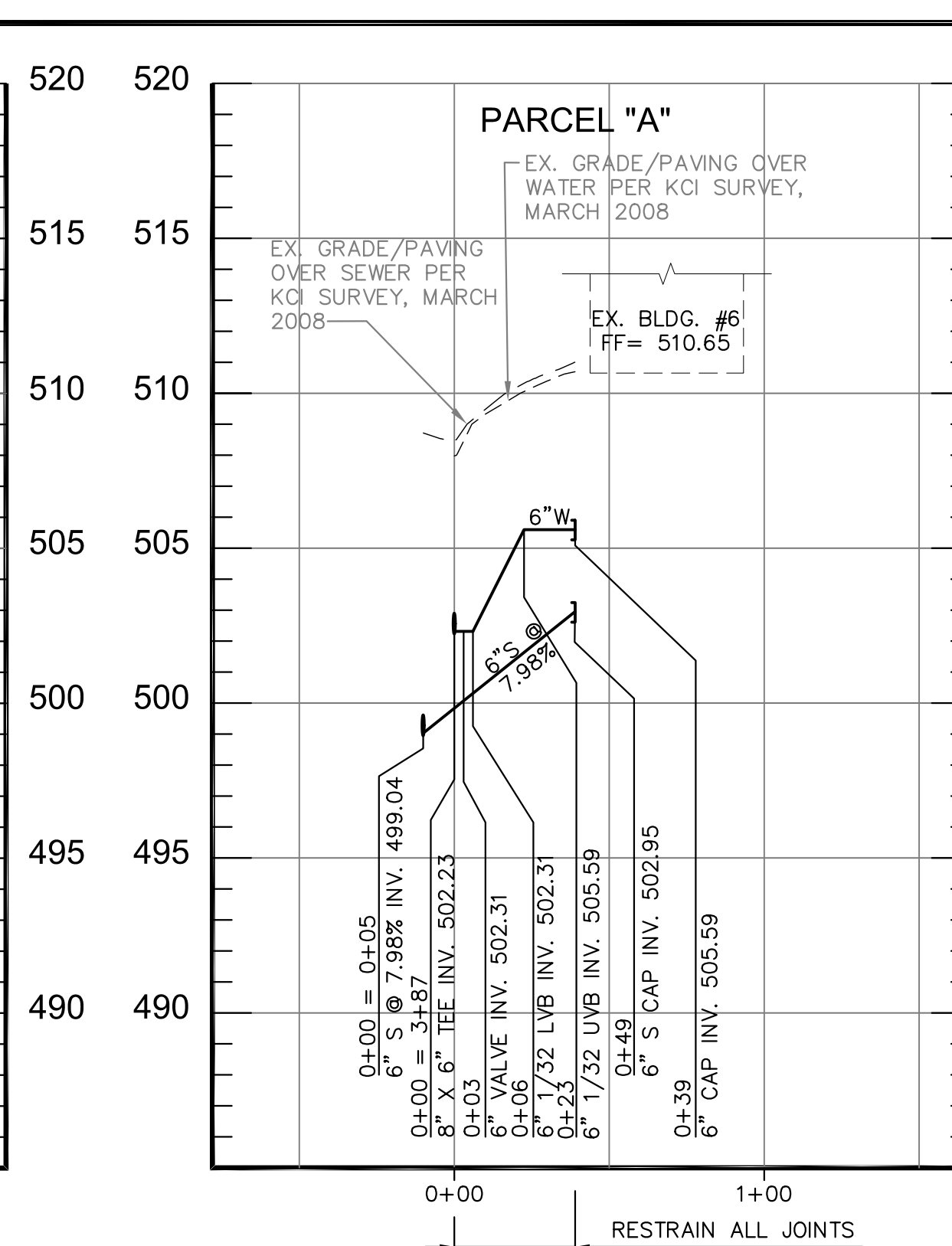
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OF	5



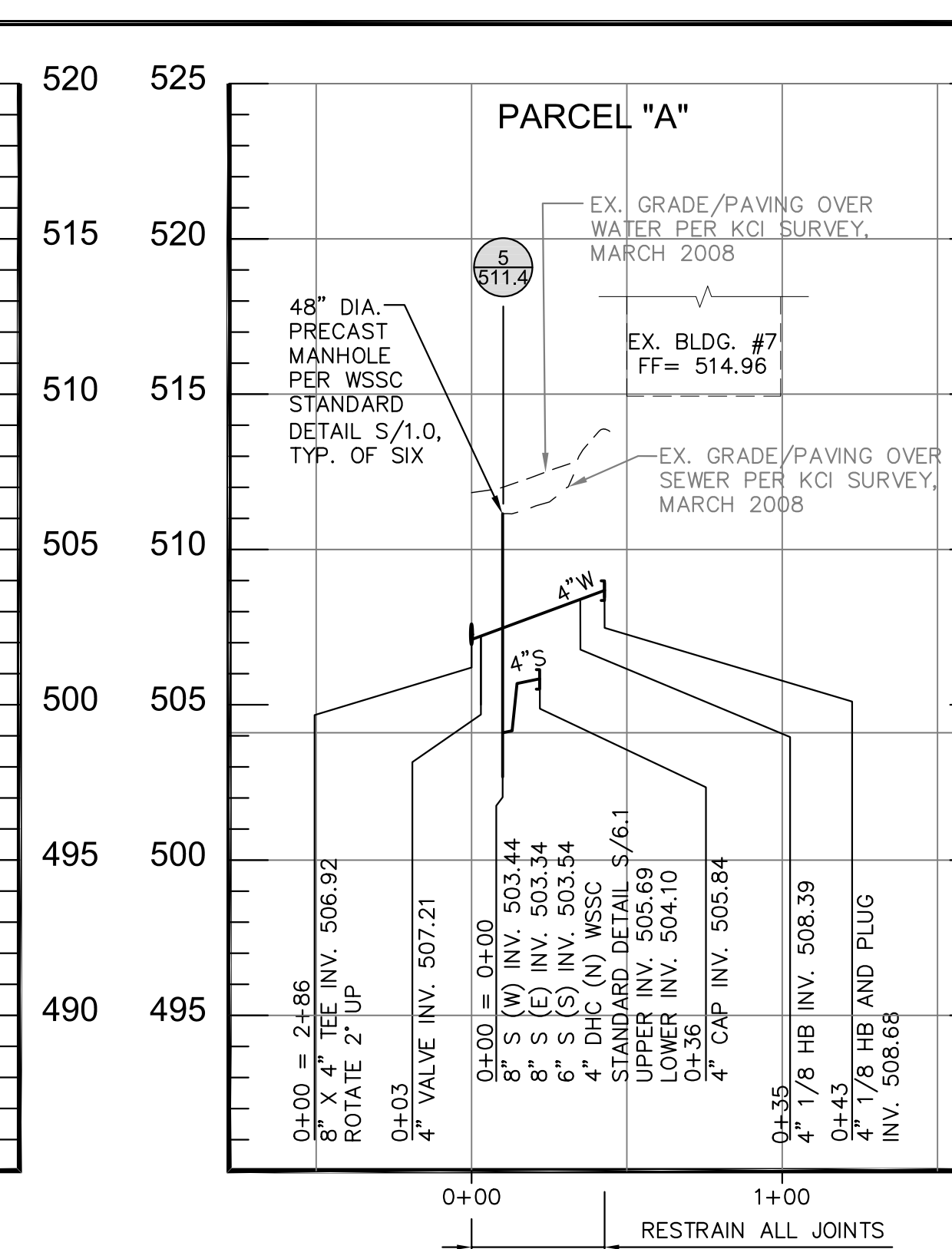
BUILDING #5 - SERVICE CONNECTIONS
4" WATER LINE PROFILE
4" SEWER LINE PROFILE
SCALE: 1" = 50' (HORIZONTAL)
1" = 5' (VERTICAL)



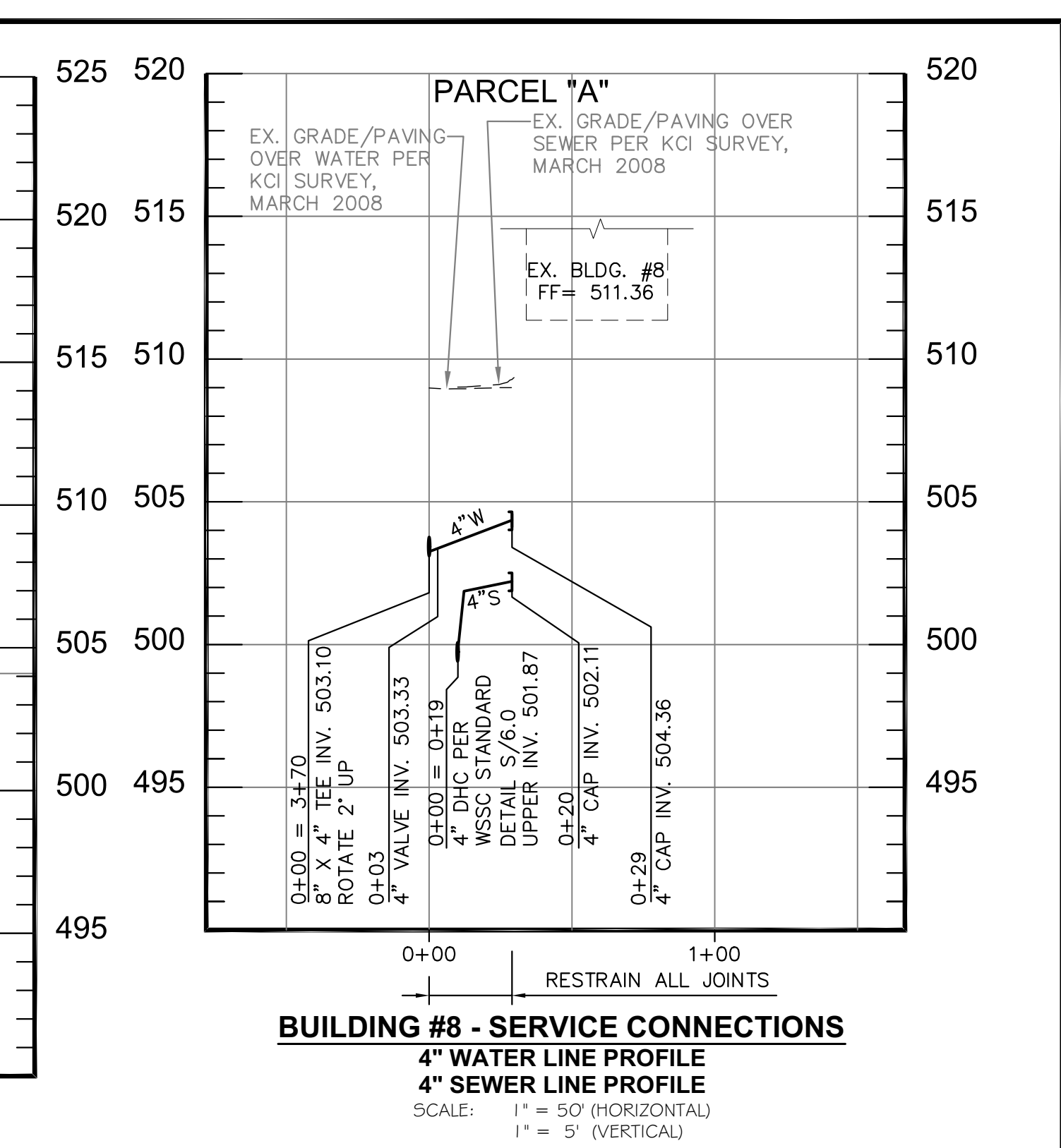
BUILDING #6 (WEST) - SERVICE CONNECTIONS
6" WATER LINE PROFILE
6" SEWER LINE PROFILE
SCALE: 1" = 50' (HORIZONTAL)
1" = 5' (VERTICAL)



BUILDING #6 (EAST) - SERVICE CONNECTIONS
6" WATER LINE PROFILE
6" SEWER LINE PROFILE
SCALE: 1" = 50' (HORIZONTAL)
1" = 5' (VERTICAL)



BUILDING #7 - SERVICE CONNECTIONS
4" WATER LINE PROFILE
4" SEWER LINE PROFILE
SCALE: 1" = 50' (HORIZONTAL)
1" = 5' (VERTICAL)



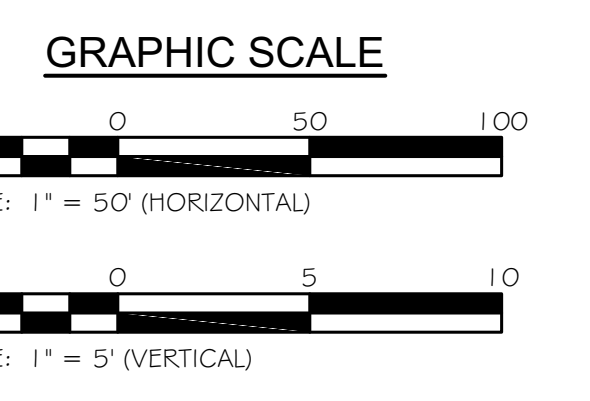
BUILDING #8 - SERVICE CONNECTIONS
4" WATER LINE PROFILE
4" SEWER LINE PROFILE
SCALE: 1" = 50' (HORIZONTAL)
1" = 5' (VERTICAL)

ENGINEER'S/SURVEYOR'S AS-BUILT CERTIFICATION

I HEREBY CERTIFY THAT THE AS-BUILT INFORMATION AS SHOWN IN RED HEREIN IS ACCURATE TO THE BEST OF MY PROFESSIONAL KNOWLEDGE AND HAS BEEN ESTABLISHED BY A FIELD RUN SURVEY USING ACCEPTABLE SURVEYING METHODS BY MYSELF AND/OR SOMEONE UNDER MY DIRECT SUPERVISION ON (EFFECTIVE DATE). ALL ASBUILT DATA IS SHOWN IN 'BOXES'.

EMAIL ADDRESS: _____

LICENSE NO.: _____ EXPIRATION DATE: _____



NOTES:

- RETENTION AREAS WILL BE SET AS PART OF THE REVIEW PROCESS AND PRECONSTRUCTION MEETING.
- BOUNDARIES OF RETENTION AREAS MUST BE STAKED AT THE PRECONSTRUCTION MEETING AND FLAGGED PRIOR TO ROOT PRUNING.
- EXACT LOCATION OF ROOT PRUNING SHALL BE DETERMINED IN THE FIELD IN COORDINATION WITH THE FORESTRY INSPECTOR.
- EXCAVATED AREA MUST BE IMMEDIATELY BACK FILLED WITH EXCAVATED SOIL OR OTHER ORGANIC SOIL AS SPECIFIED PER PLAN OR BY THE FORESTRY INSPECTOR.
- ROOTS SHALL BE CLEANLY CUT USING VIBRATORY KNIFE OR OTHER ACCEPTABLE EQUIPMENT. ROOT PRUNING METHODS AND MEANS MUST BE IN ACCORDANCE WITH ANSI STANDARD A3000.
- ALL PRUNING MUST BE EXECUTED AT LOD SHOWN ON PLANS OR AS AUTHORIZED BY THE FORESTRY INSPECTOR.
- SUPPLEMENTAL WATERING MAY BE REQUIRED FOR ROOT PRUNED TREES THROUGHOUT THE GROWING SEASON DURING CONSTRUCTION AND SUBSEQUENT WARRANTY AND MAINTENANCE PERIOD.

TREE PROTECTION FENCE TO BE ERRECTED IN LINE WITH ROOT PRUNING LIMITS. FENCE, ROOT PRUNING LINE, AND LOD ARE THE SAME LINE. SEE DETAIL A-6 FOR FENCE SPECIFICATIONS.

ROOT PRUNE VIA AIRSPACE OR TRENCH 24" MIN DEPTH OR AS DETERMINED AT PRECONSTRUCTION MEETING.

ROOT PRUNING MUST NOT EXTEND BEYOND THE LOD BELOW GRADE.

EXISTING GRADE

LOD

ROOT PRUNING MUST NOT EXTEND BEYOND THE LOD BELOW GRADE.

APPROVED BY: *W. Wall*
CITY FORESTER
DATE: 3/30/17

ROOT PRUNING DETAIL

DETAIL A-3

June 2018

2" BITUMINOUS SURFACE COURSE (PRIMARY/SECONDARY RESIDENTIAL) OR 8" BITUMINOUS BASE COURSE (2-4" LAYERS) (PRIMARY/SECONDARY INDUSTRIAL, BUSINESS DISTRICT & ARTERIAL)

4" BITUMINOUS BASE COURSE (PRIMARY/SECONDARY RESIDENTIAL)

EXISTING PAVEMENT

5" MINIMUM

SAWCUT (TYP.) EACH SIDE

EXISTING PAVEMENT

12" MIN. - EXCEPT THAT FULL DEPTH PATCH SHALL EXTEND TO GUTTER PAN IF EDGE OF TRENCH IS LESS THAN 3" FROM GUTTER PAN

BACKFILL WITH GRADED AGGREGATE BASE (GAB) OR COMPACTED TRENCH BACKFILL IF OUTSIDE ROADWAY

FIRST 5' OR TO LIMITS OF PIPE EMBEDMENT ZONE

COMPACTED TRENCH BACKFILL OR GAB

VARIES

VARIES

PIPE EMBEDMENT ZONE

1. WATER AND SANITARY SEWER INCLUDING SERVICE CONNECTIONS SHALL BE PER LATEST WSSC STANDARD DETAILS M8.1a and M8.1c & SPECIFICATIONS.

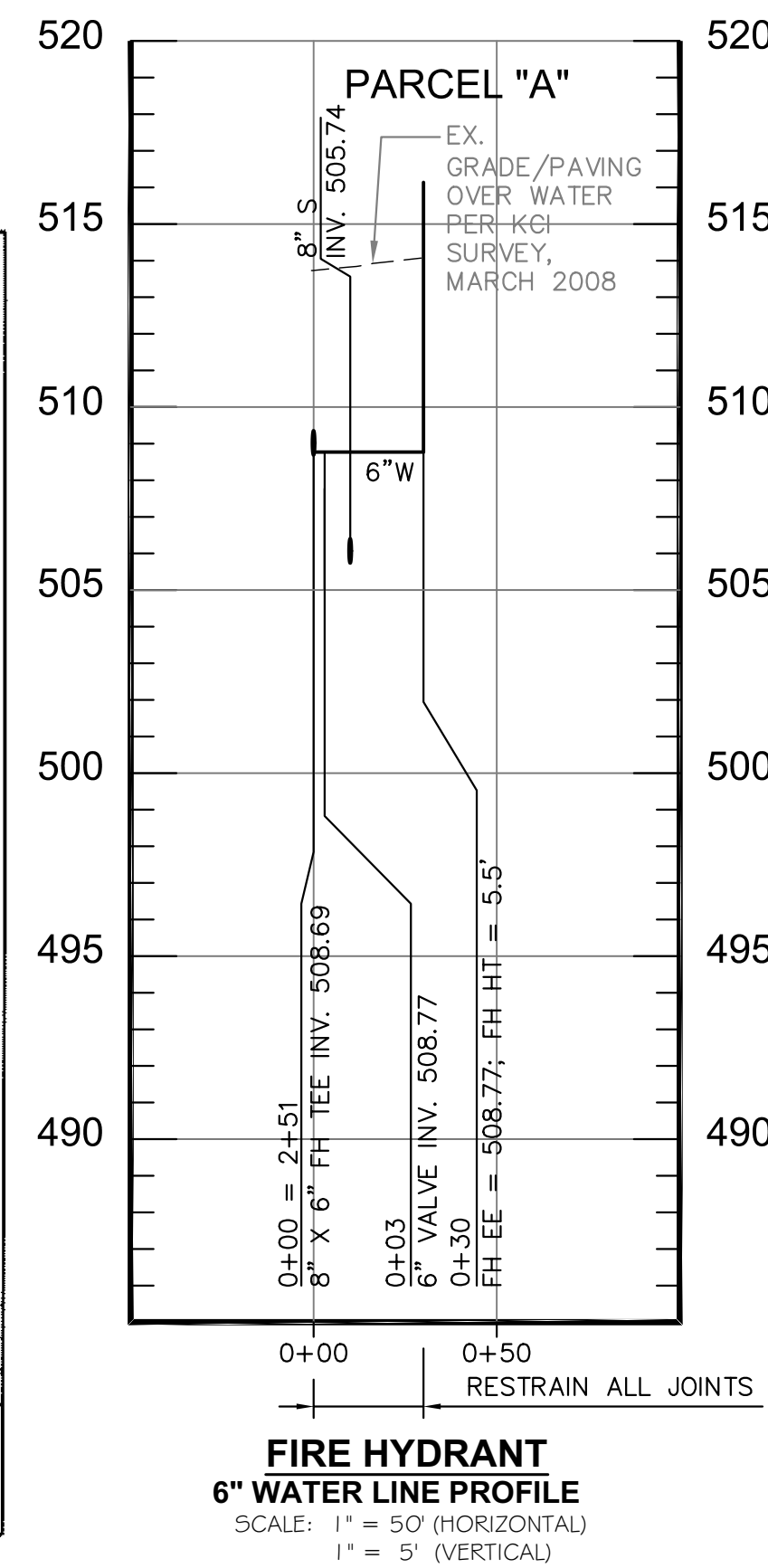
2. STORM DRAIN SHALL BE PER 2013 MONTGOMERY COUNTY DRAINAGE DESIGN CRITERIA CLASS C BEDDING CONDITIONS AS SHOWN IN THE TRENCH BEDDING CONDITIONS DETAIL SHEET. USE COMPACTED TRENCH BACKFILL OR GAB.

NOT TO SCALE

06-03-2014
4-96
REVISION
DETAIL
60

APPROVED BY: *J. A.*
DATE: 6-3-2014

PIPE TRENCH DETAIL



WSSC WATER DELIVERING THE ESSENTIAL DEVELOPMENT SERVICES DIVISION

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Reviewed by Arthur Atencio *AS* Date: 11/29/2022

SU-3319-2021

SITE UTILITY WATER & SEWER PROFILES & CITY OF ROCKVILLE DETAILS

KING FARM FARMSTEAD WATER AND SEWER IMPROVEMENTS

WATTS BRANCH DRAINAGE BASIN/ MINI BASIN 16 997
ELECTION DISTRICT NO. 9, GAITHERSBURG
MONTGOMERY COUNTY, MARYLAND

APPROVAL	DATE	REVISIONS	PROFESSIONAL CERTIFICATION	ENGINEER	APPLICANT
			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.	NAME: KCI Technologies, Inc. REGISTRATION #: 936 Ridgebrook Road, Sparks, MD 21152 ADDRESS: 410-316-7800 PHONE: Jordan Rang, P.E. CONTACT: jordan.rang@kci.com CONTACT EMAIL:	NAME: City of Rockville Recreation and Parks Dept. ADDRESS: 111 Maryland Avenue #3, Rockville, MD 20850 PHONE: 240-314-8608 CONTACT: Mauricio Daza EMAIL: mdaza@rockvillemd.gov
NOTE: THESE DOCUMENTS CONTAIN PRIVILEGED AND CONFIDENTIAL INFORMATION WHICH SHALL NOT BE REDISTRIBUTED WITHOUT PRIOR WSSC APPROVAL.			NAME, P.E.: Jordan E. Rang, P.E. EMAIL ADDRESS: jordan.rang@kci.com LICENSE NO.: 45808 EXPIRATION DATE: 06/03/2024	200' SHEET NO. 221NW08 NO 5 OF 5	

Certificate Of Completion

Envelope Id: 591BB93D8B3846198795EB936F26F43D	Status: Completed
Subject: Please DocuSign: SU-3319-2021 King Farm Farmstead	
Source Envelope:	
Document Pages: 5	Signatures: 6
Certificate Pages: 5	Initials: 4
AutoNav: Enabled	Envelope Originator:
Enveloped Stamping: Enabled	Art Atencio
Time Zone: (UTC-05:00) Eastern Time (US & Canada)	14501 Sweitzer Lane
	Laurel, MD 20707
	Art.Atencio@wsscwater.com
	IP Address: 205.167.186.197

Record Tracking

Status: Original	Holder: Art Atencio	Location: DocuSign
11/29/2022 8:05:55 AM	Art.Atencio@wsscwater.com	
Security Appliance Status: Connected	Pool: FedRamp	
Storage Appliance Status: Connected	Pool: WSSC Water	Location: DocuSign

Signer Events

Jordan Rang
 jordan.rang@kci.com
 Security Level: Email, Account Authentication (Optional)

Signature

DocuSigned by:

 1E4C02775C2D4DE...
 Signature Adoption: Pre-selected Style
 Using IP Address: 50.205.23.131

Timestamp

Sent: 11/29/2022 8:34:01 AM
 Viewed: 11/29/2022 9:24:20 AM
 Signed: 11/29/2022 9:26:07 AM

Electronic Record and Signature Disclosure:

Accepted: 11/29/2022 9:24:20 AM
 ID: a3c7490a-534f-41fa-ad40-437326f17072

Art Atencio
 art.atencio@wsscwater.com
 WSSC Water
 Security Level: Email, Account Authentication (Optional)

DocuSigned by:

 255E882060C14B1...
 Signature Adoption: Pre-selected Style
 Using IP Address: 205.167.186.197

Sent: 11/29/2022 9:26:12 AM
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 Signed: 11/29/2022 1:04:31 PM

Electronic Record and Signature Disclosure:

Not Offered via DocuSign

In Person Signer Events	Signature	Timestamp
Editor Delivery Events	Status	Timestamp
Agent Delivery Events	Status	Timestamp
Intermediary Delivery Events	Status	Timestamp
Certified Delivery Events	Status	Timestamp
Carbon Copy Events	Status	Timestamp

Engineering Records
 EngineeringRecords@wsscwater.com
 Security Level: Email, Account Authentication (Optional)

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Sent: 11/29/2022 1:04:35 PM

Electronic Record and Signature Disclosure:

Accepted: 11/22/2022 3:24:16 PM
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Witness Events	Signature	Timestamp
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Notary Events	Signature	Timestamp
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Envelope Summary Events	Status	Timestamps
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Certified Delivered	Security Checked	11/29/2022 1:03:07 PM
Signing Complete	Security Checked	11/29/2022 1:04:31 PM
Completed	Security Checked	11/29/2022 1:04:35 PM

Payment Events	Status	Timestamps
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Electronic Record and Signature Disclosure

ELECTRONIC RECORD AND SIGNATURE DISCLOSURE

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If you decide to receive notices and disclosures from us electronically, you may at any time change your mind and tell us that thereafter you want to receive required notices and disclosures only in paper format. How you must inform us of your decision to receive future notices and disclosure in paper format and withdraw your consent to receive notices and disclosures electronically is described below.

Consequences of changing your mind

If you elect to receive required notices and disclosures only in paper format, it will slow the speed at which we can complete certain steps in transactions with you and delivering services to you because we will need first to send the required notices or disclosures to you in paper format, and then wait until we receive back from you your acknowledgment of your receipt of such paper notices or disclosures. Further, you will no longer be able to use the DocuSign system to receive required notices and consents electronically from us or to sign electronically documents from us.

All notices and disclosures will be sent to you electronically

Unless you tell us otherwise in accordance with the procedures described herein, we will provide electronically to you through the DocuSign system all required notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you during the course of our relationship with you. To reduce the chance of you inadvertently not receiving any notice or disclosure, we prefer to provide all of the required notices and disclosures to you by the same method and to the same address that you have given us. Thus, you can receive all the disclosures and notices electronically or in paper format through the paper mail delivery system. If you do not agree with this process, please let us know as described below. Please also see the paragraph immediately above that describes the consequences of your electing not to receive delivery of the notices and disclosures electronically from us.

How to contact WSSC Water:

You may contact us to let us know of your changes as to how we may contact you electronically, to request paper copies of certain information from us, and to withdraw your prior consent to receive notices and disclosures electronically as follows:

To advise WSSC Water of your new email address

To let us know of a change in your email address where we should send notices and disclosures electronically to you, you must send an email message to us at WSSCWater@wsscwater.com and in the body of such request you must state: your previous email address, your new email address. We do not require any other information from you to change your email address.

If you created a DocuSign account, you may update it with your new email address through your account preferences.

To request paper copies from WSSC Water

To request delivery from us of paper copies of the notices and disclosures previously provided by us to you electronically, you must send us an email to WSSCWater@wsscwater.com and in the body of such request you must state your email address, full name, mailing address, and telephone number. We will bill you for any fees at that time, if any.

To withdraw your consent with WSSC Water

To inform us that you no longer wish to receive future notices and disclosures in electronic format you may:

- i. decline to sign a document from within your signing session, and on the subsequent page, select the check-box indicating you wish to withdraw your consent, or you may;

ii. send us an email to and in the body of such request you must state your email, full name, mailing address, and telephone number. We do not need any other information from you to withdraw consent.. The consequences of your withdrawing consent for online documents will be that transactions may take a longer time to process..

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To confirm to us that you can access this information electronically, which will be similar to other electronic notices and disclosures that we will provide to you, please confirm that you have read this ERSD, and (i) that you are able to print on paper or electronically save this ERSD for your future reference and access; or (ii) that you are able to email this ERSD to an email address where you will be able to print on paper or save it for your future reference and access. Further, if you consent to receiving notices and disclosures exclusively in electronic format as described herein, then select the check-box next to ‘I agree to use electronic records and signatures’ before clicking ‘CONTINUE’ within the DocuSign system.

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- You can access and read this Electronic Record and Signature Disclosure; and
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- Until or unless you notify WSSC Water as described above, you consent to receive exclusively through electronic means all notices, disclosures, authorizations, acknowledgements, and other documents that are required to be provided or made available to you by WSSC Water during the course of your relationship with WSSC Water.