

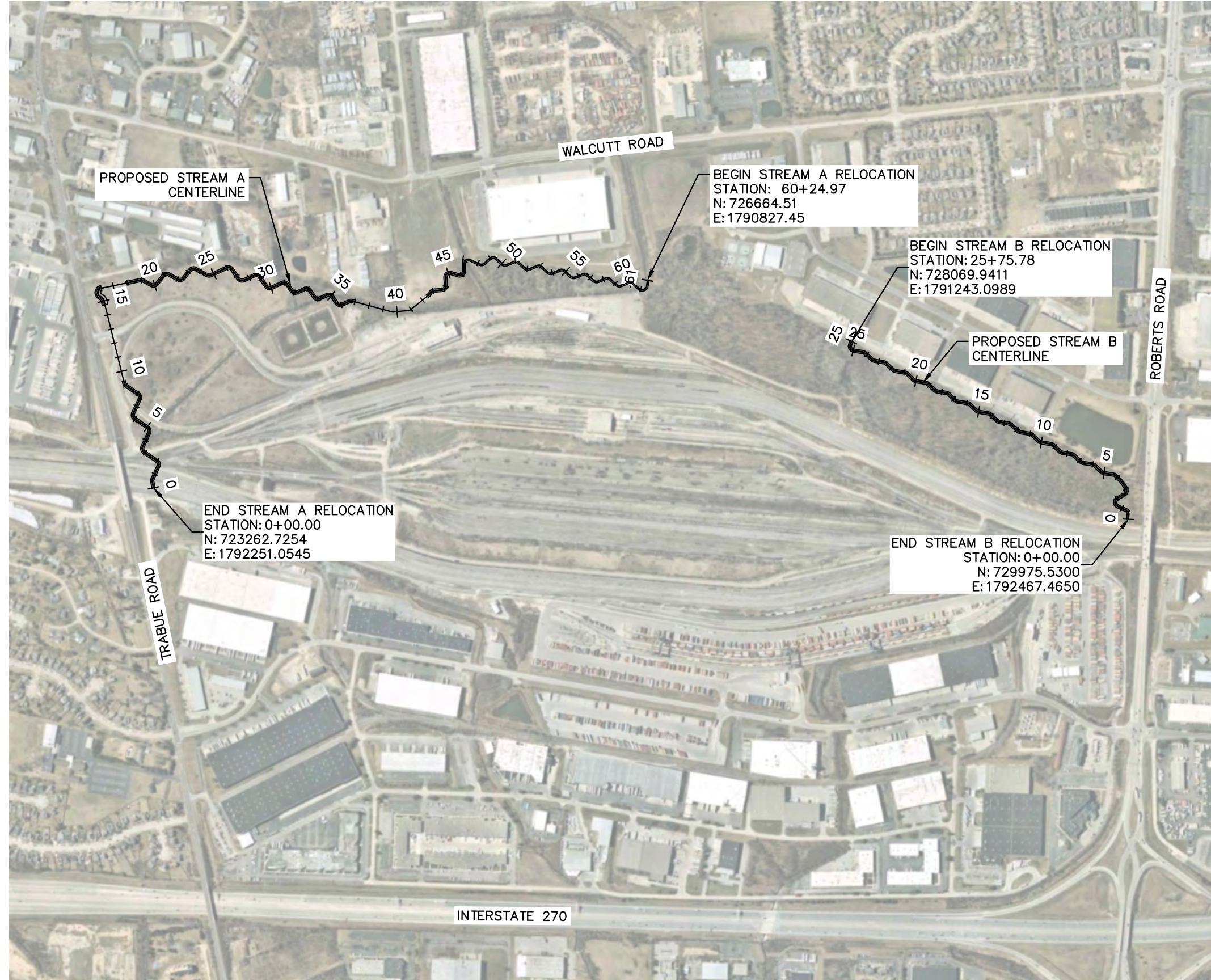
BUCKEYE XO, LLC

BUCKEYE YARD

STREAM RELOCATION

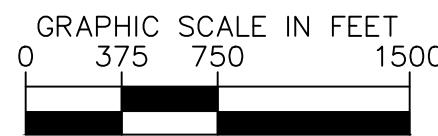
STATE OF OHIO, FRANKLIN COUNTY
CITY OF COLUMBUS

2022



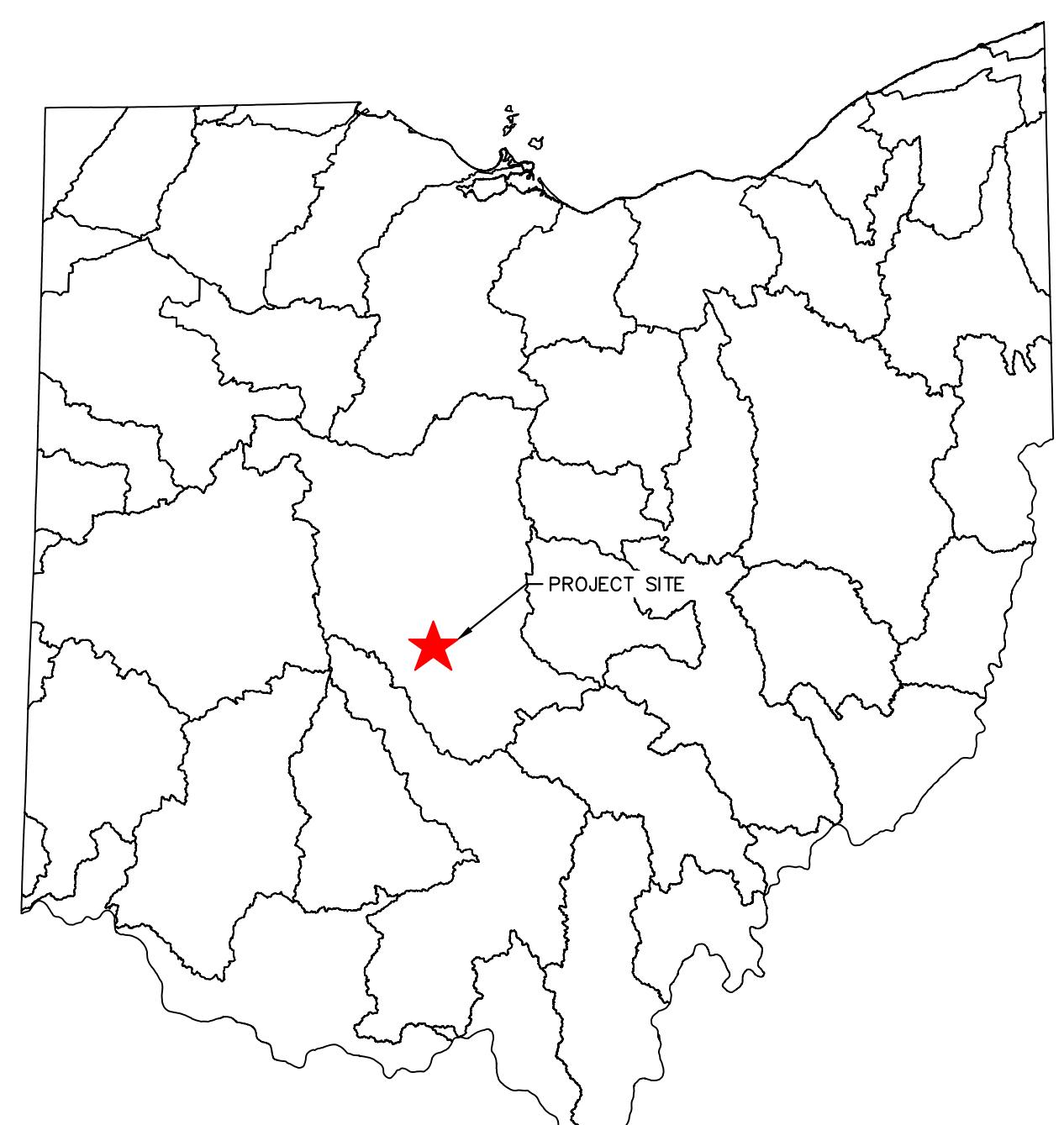
SITE LOCATION MAP

IMAGE TEXT TAKEN FROM OGIP, ACCESSED 03/05/2021



MITIGATION TABLE			
PROJECT LENGTH			
REACH	EXISTING	PROPOSED TOTAL	IMPACTED TOTAL
STREAM	7462 LF	7732 LF	7462 LF
CULVERTED STREAM	255 LF	1260 LF	255 LF
STREAM CORRIDOR PROTECTION ZONE	20.332 AC.	20.478 AC.	20.332 AC.
WETLANDS	0.78 AC.	0.82 AC.	0.78 AC.

VOLUME TABLE			
DESCRIPTION	CUT (CY)	FILL (CY)	NET (CY)
CUT/FILL VOLUME	208,830	6,061	202,769 (CUT)



USGS 8-DIGIT HUC BOUNDARY MAP

UPPER SCIO
HUC ID: 05060001
NOT TO SCALE



Click, Call or Tap Before You Dig



UPPER PORTION OF EXISTING STREAM 11



LOWER PORTION OF EXISTING STREAM 11



UPPER PORTION OF EXISTING STREAM 10



LOWER PORTION OF EXISTING STREAM 10

PROJECT TEAM

DEVELOPER/OWNER
BUCKEYE XO, LLC
2141 ROSE AVE, STE. 895
DALLAS, TX 75201
TEL: (469) 226-1269
EMAIL: WILLIAMS@EBECREALTY.COM
CONTACT: WILLIAM SHANNON

CIVIL ENGINEER
KIMLEY-HORN AND ASSOCIATES, INC.
7935 NORTH HIGH STREET, SUITE 200
COLUMBUS, OH 43235
TEL: (614) 454-6696
EMAIL: WILLIAMS@KIMLEY-HORN.COM
CONTACT: JUSTIN MULLER, P.E.
EMAIL: JUSTIN.MULLER@KIMLEY-HORN.COM

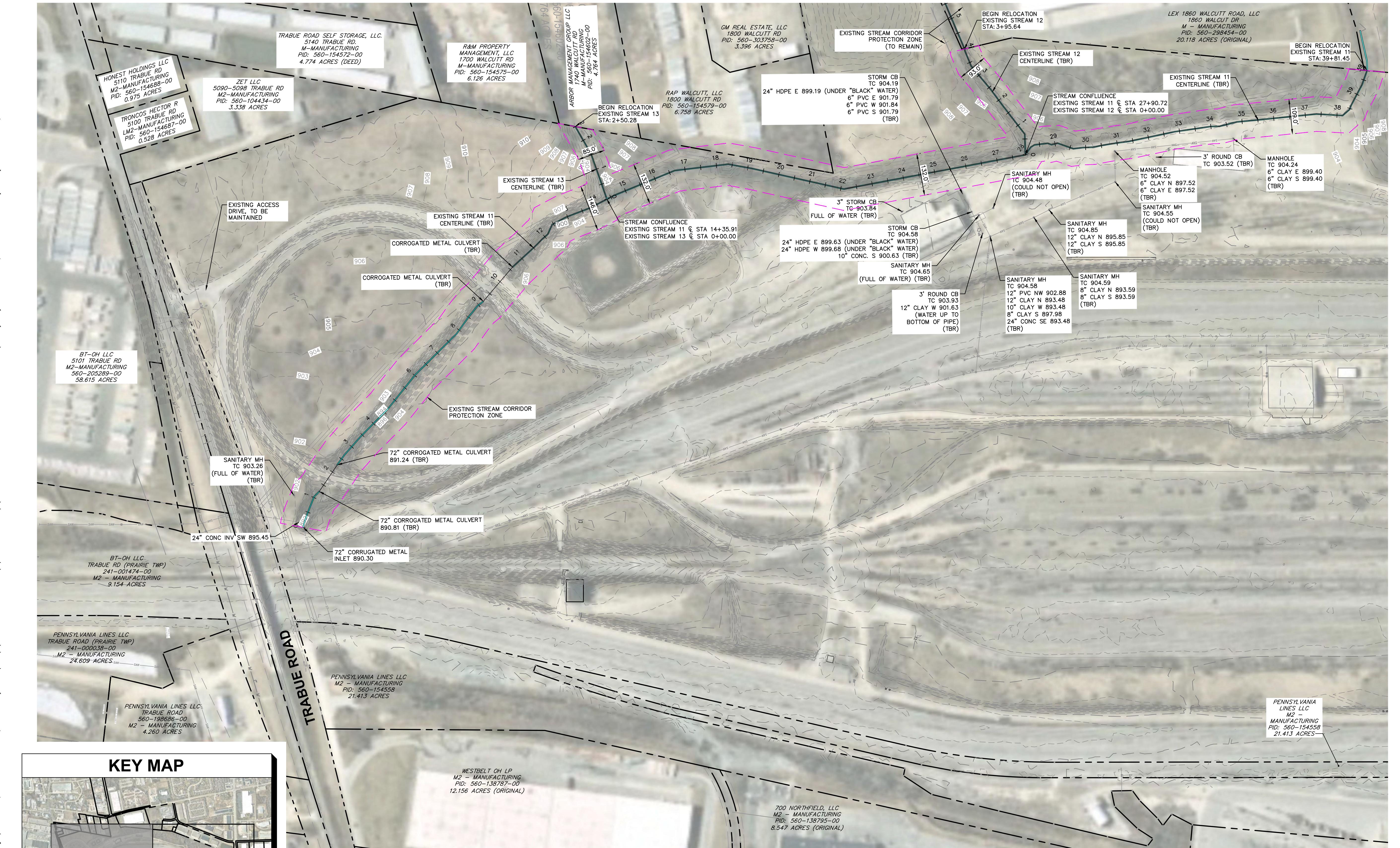
STREAM RELOCATION PLANS BUCKEYE YARD CITY OF COLUMBUS, FRANKLIN COUNTY, OH	COVER SHEET	Kimley»Horn
DATE:	BY:	APR BY
REVISIONS	REVISIONS	REVISIONS
SCALE:	DESIGNED BY: MCS	DRAWN BY: MCS
DRAWN BY: MCS	CHECKED BY: MM	APR BY
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STREAM RELOCATION PLANS
BUCKEYE YARD
CITY OF COLUMBUS, FRANKLIN COUNTY, OH

ORIGINAL ISSUE:
06/13/2022

KHA PROJECT NO.
190118000

SHEET NUMBER
EC0.0



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COLUMBUS, OH 43228
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EXISTING CONDITIONS

STREAM RELOCATION PLANS BUCKEYE YARD

CITY OF COLUMBUS, FRANKLIN COUNTY, OH

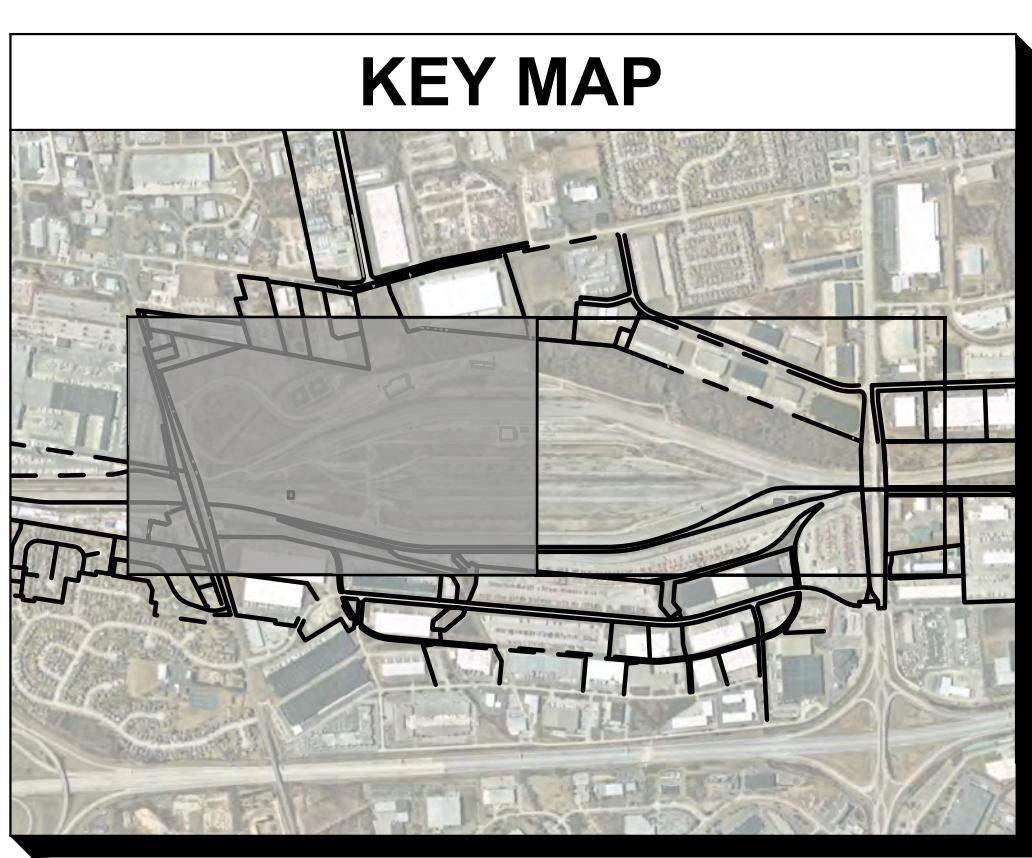
ORIGINAL ISSUE:
06/13/2022

KHA PROJECT NO.
19018000

SHEET NUMBER

EC2.0

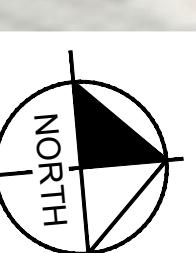
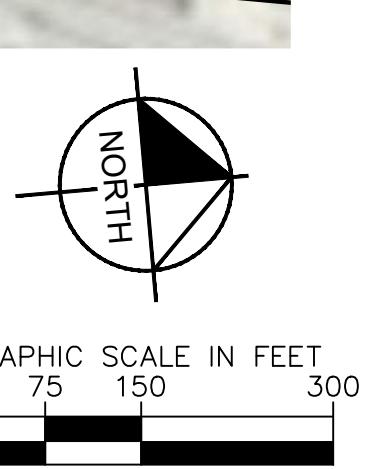
SCALE:	DESIGNED BY: MCS	DRAWN BY: MCS	CHECKED BY: JMM
NO.	REVISIONS	DATE	BY APR DATE APR BY



LEGEND

- EXISTING PROPERTY LINE
- EXISTING RIGHT OF WAY
- EXISTING EASEMENT
- EXISTING PAVEMENT
- EXISTING CENTERLINE
- EXISTING STORM
- EXISTING SANITARY
- EXISTING PAVEMENT
- EXISTING WATER LINE
- EXISTING GAS LINE
- EXISTING OVERHEAD LINE
- EXISTING ELECTRIC
- EXISTING STREAM CORRIDOR PROTECTION ZONE TO BE REPLACED (+20.332 AC.)
- STREAM CHANNEL

STREAM	TRIBUTARY AREA (MI ²)	SCPZ WIDTH (FT)	STREAM LENGTH (FT)
9	0.57	119	±320
10	0.40	104	±2552
11	0.45	109	±3921
12	0.30	93	±369
13	0.24	85	±250





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 COLUMBUS, OH 43255
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EXISTING CONDITIONS

SCALE: _____
 DESIGNED BY: MCS
 DRAWN BY: MCS
 CHECKED BY: MAM
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STREAM RELOCATION PLANS

BUCKEYE YARD
 CITY OF COLUMBUS, FRANKLIN COUNTY, OH

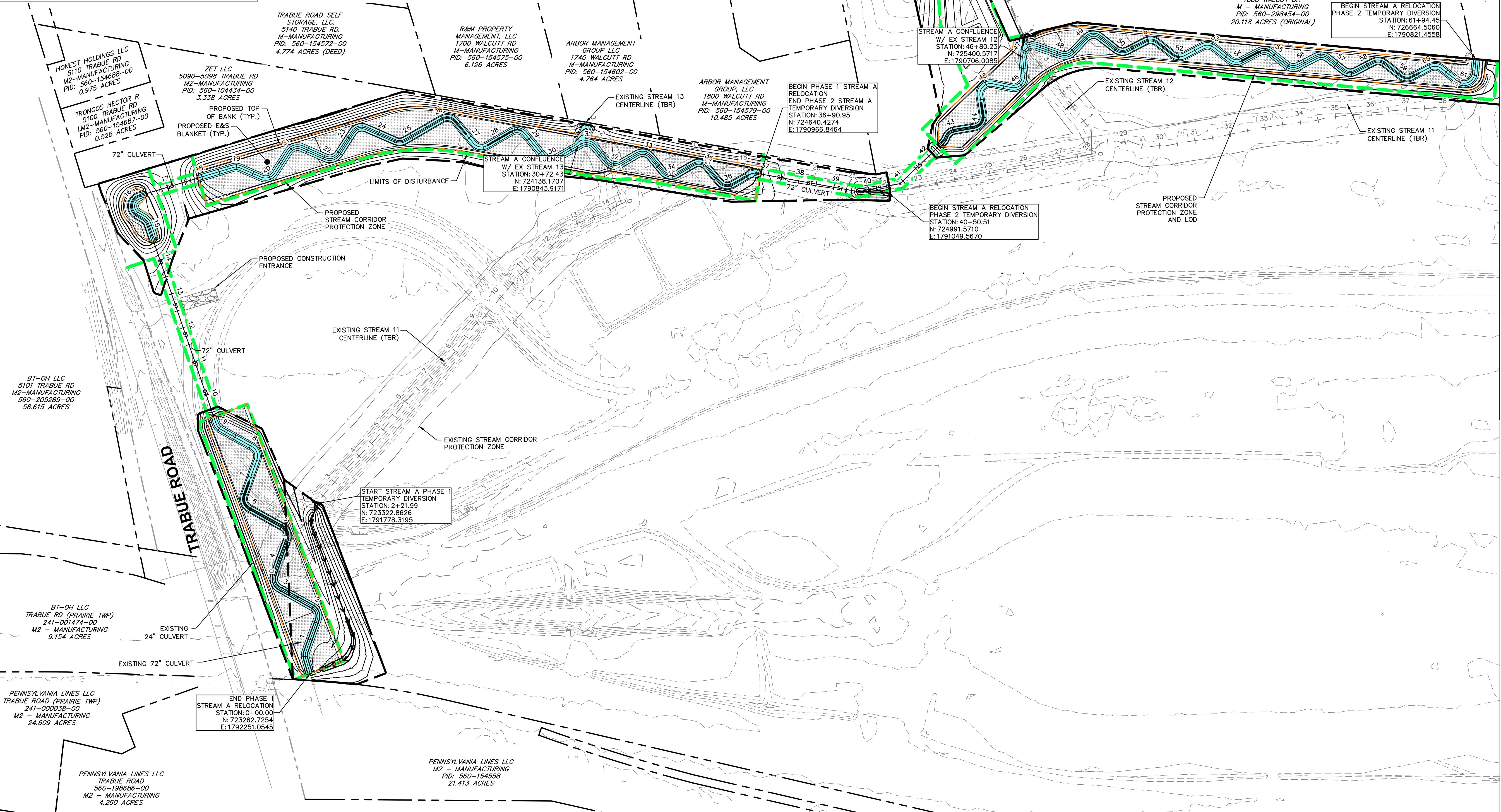
ORIGINAL ISSUE: 06/13/2022
 KHA PROJECT NO. 19018000
 SHEET NUMBER EC2.1

EXISTING STREAM TABLE

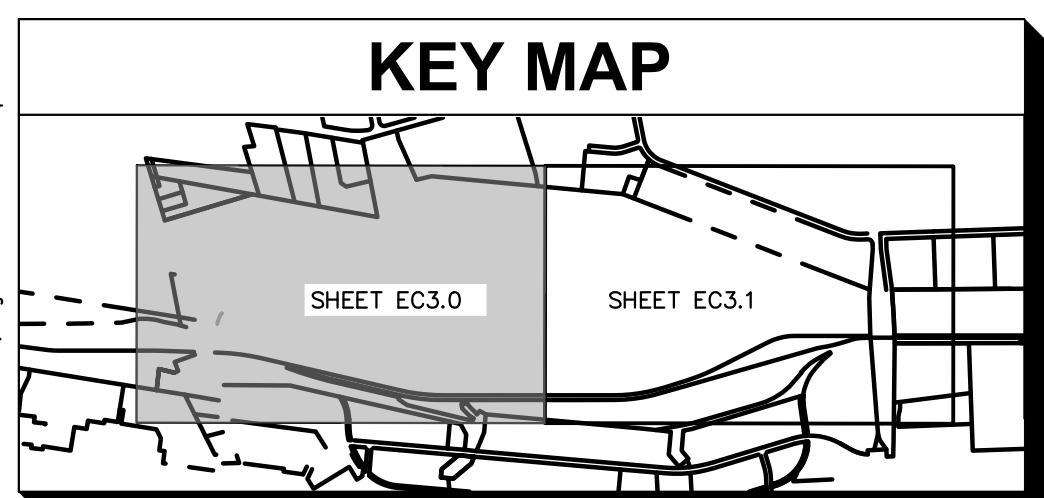
EXISTING STREAM TABLE			
STREAM	TRIBUTARY AREA (MI ²)	SCPZ WIDTH (FT)	STREAM LENGTH (FT)
A (EX 11)	0.45	109	±1510
A (EX 11 + EX 12)	0.75	132	±1113
A (EX 11 + EX 12 + EX 13)	0.99	146	±2473
B (EX 10)	0.40	104	±2211
B (EX 10+ EX 9)	0.97	145	±424

NOTE: STREAM CORRIDOR PROTECTION ZONE WIDTHS HAVE BEEN ADJUSTED AT POINTS OF STREAM CONFLUENCE TO ACCOUNT FOR COMBINED FLOWS.

PROPOSED STREAM CORRIDOR PROTECTION AREA (± 20.478 AC.)



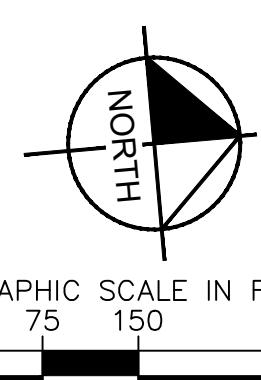
KEY MAP



LEGEN

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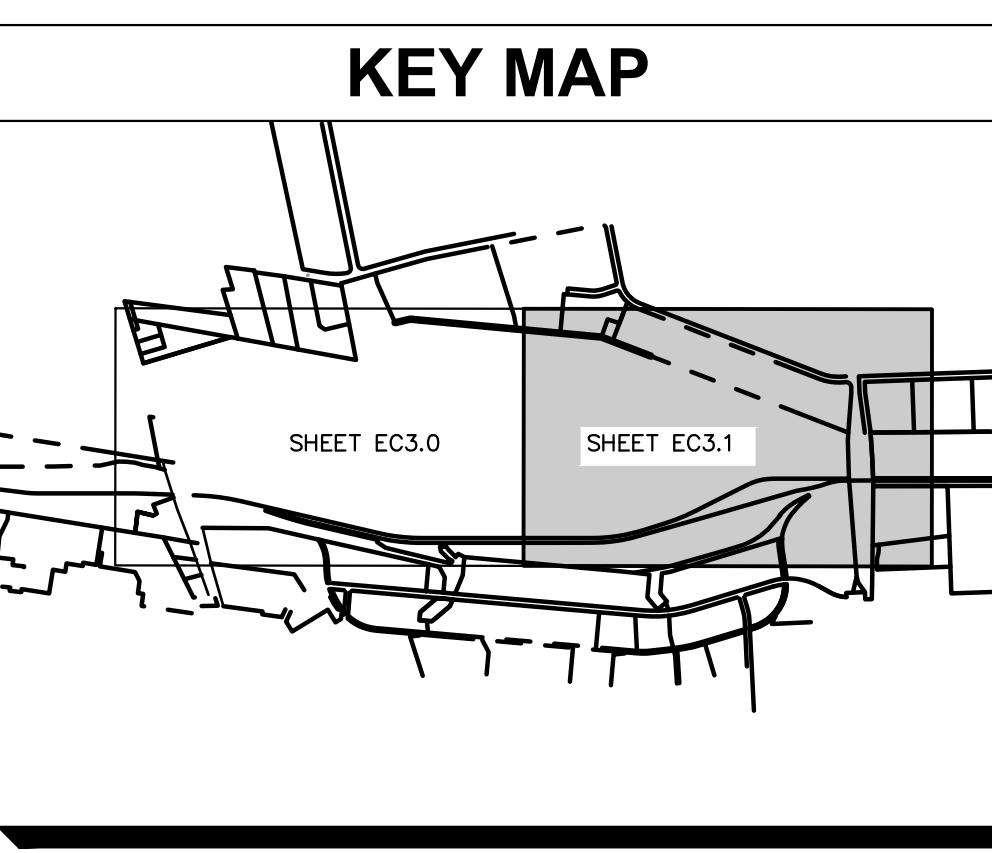
- Column 1 (Left):**
 - Existing Property Line: Dashed black line.
 - Existing Right of Way: Dashed grey line.
 - Existing Pavement: Solid grey line.
 - Existing Storm: Line with 'ST' labels at each segment.
 - Existing Stream Centerline: Line with numbered points 1, 2, 3, 4.
 - Existing Gas Line: Line with 'GAS' labels at each segment.
 - Existing Overhead Line: Line with 'OHL' labels at each segment.
 - Proposed Right-of-Way: Dashed black line.
- Column 2 (Middle):**
 - Proposed Storm: Line with 'ST' labels at each segment.
 - Proposed Limits of Disturbance (± 24.09 AC): Dashed black line.
 - Proposed Stream Corridor Protection Limits: Green line.
 - Proposed Top of Bank: Orange line.
 - Proposed Stream Centerline: Line with numbered points 1, 2, 3, 4.
 - Existing Major Contour: Line with '900' label.
 - Existing Minor Contour: Line with '901' label.
 - Proposed Major Contour: Line with '900' label.
- Column 3 (Right):**
 - Proposed Minor Contour: Line with '901' label.
 - Proposed Stream Channel: Cyan rectangle.
 - Proposed E&S Blanket: White rectangle with diagonal hatching.
 - Proposed Rock Construction Entrance: White rectangle with jagged patterns.
 - Proposed Riffle (See Details): White rectangle with circular patterns.
 - Proposed Boulder Vane and J-Hook (See Details): Small icon of a spiral shape.
 - Proposed Toe Wood (See Details): Small icon of a cross pattern.



A horizontal graphic scale bar with tick marks at 0, 75, 150, and 300 feet. The first 75 feet are represented by a thin black line, while the remaining 225 feet are represented by a thicker black line.

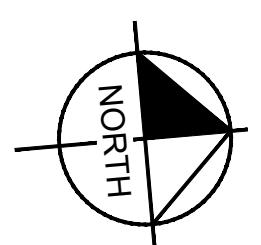
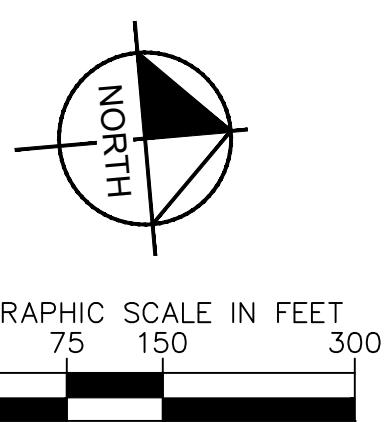
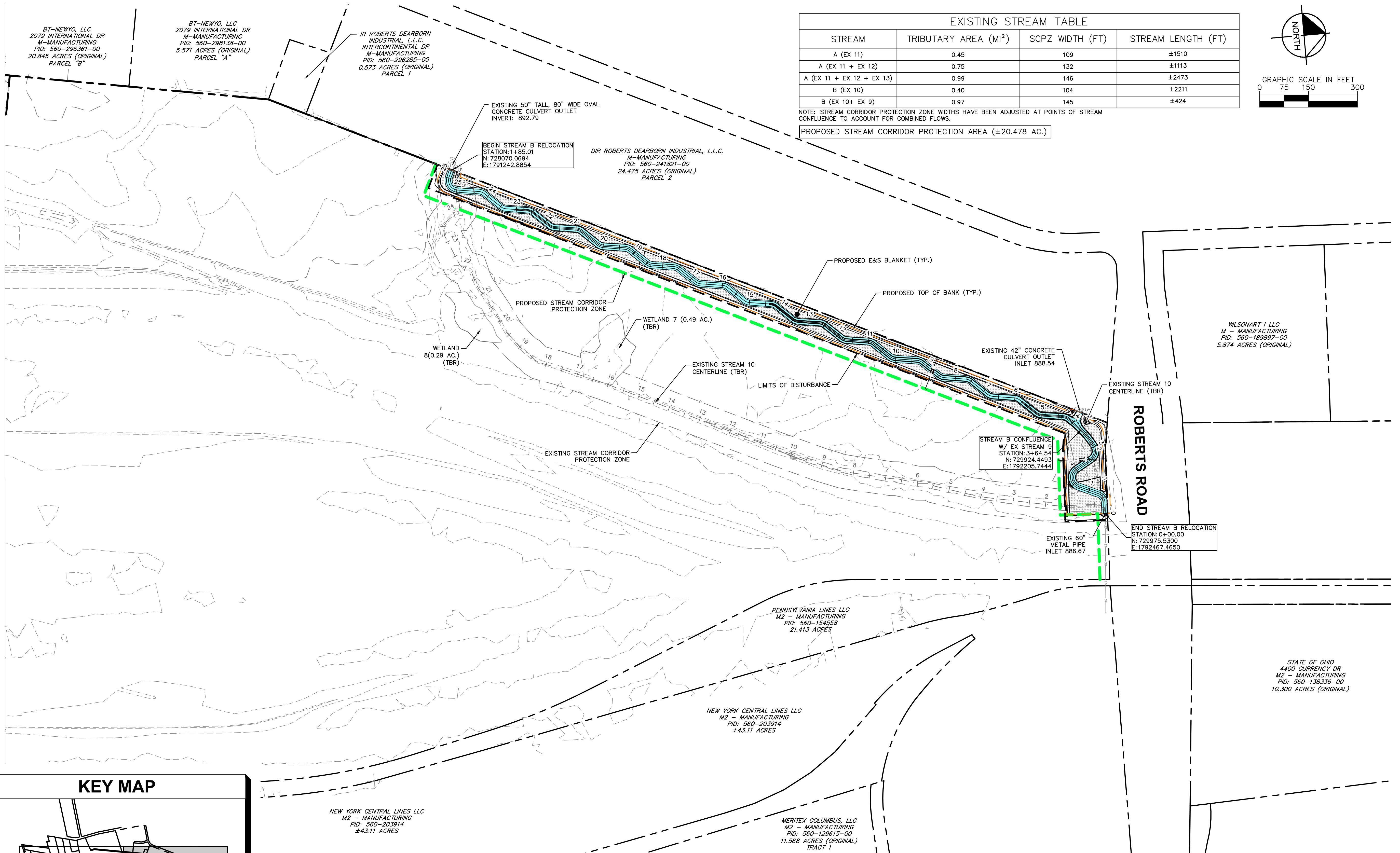
STREAM RELOCATION PLANS BUCKEYE YARD CITY OF COLUMBUS, FRANKLIN COUNTY

Kimley » Horn

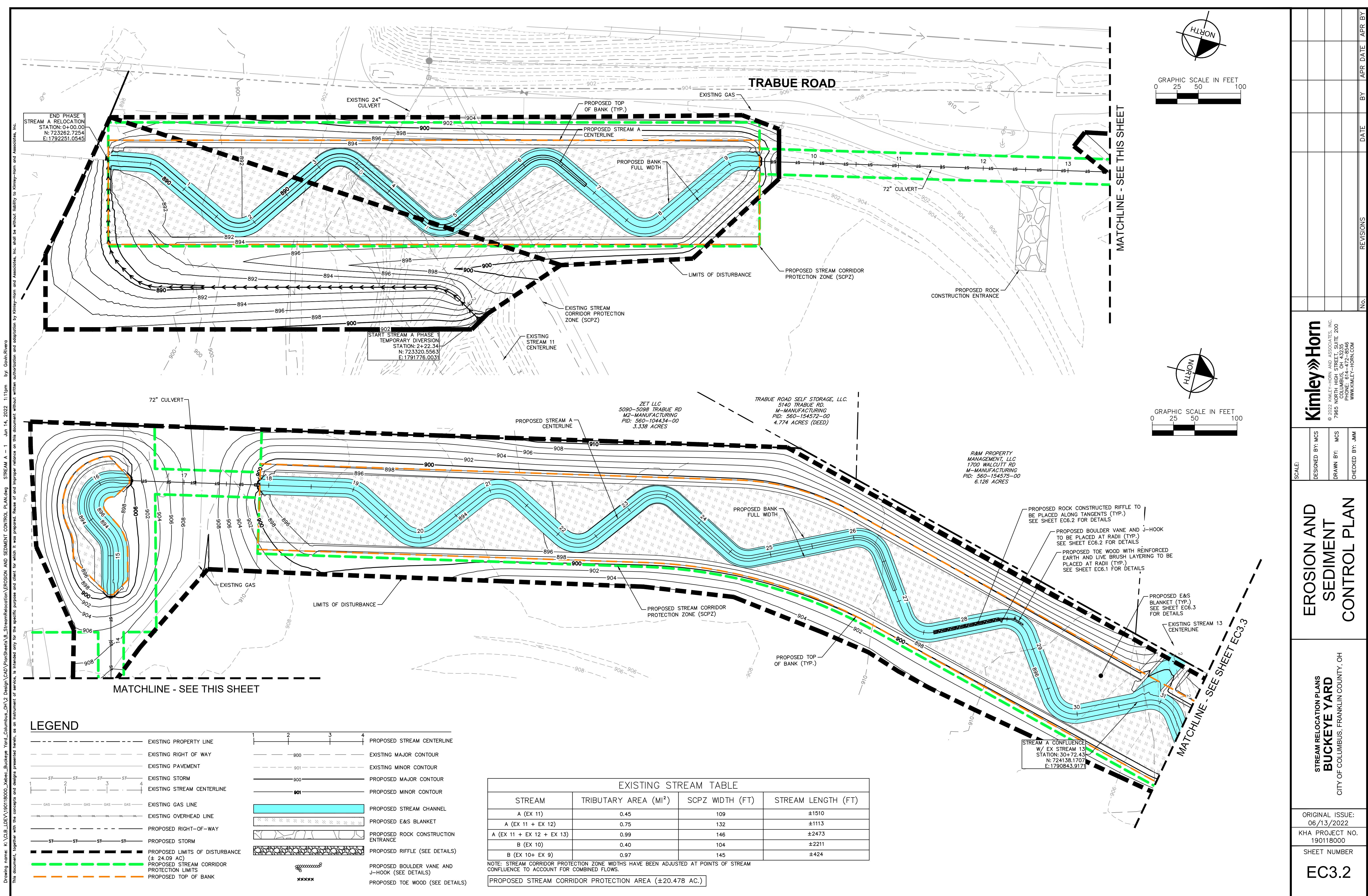


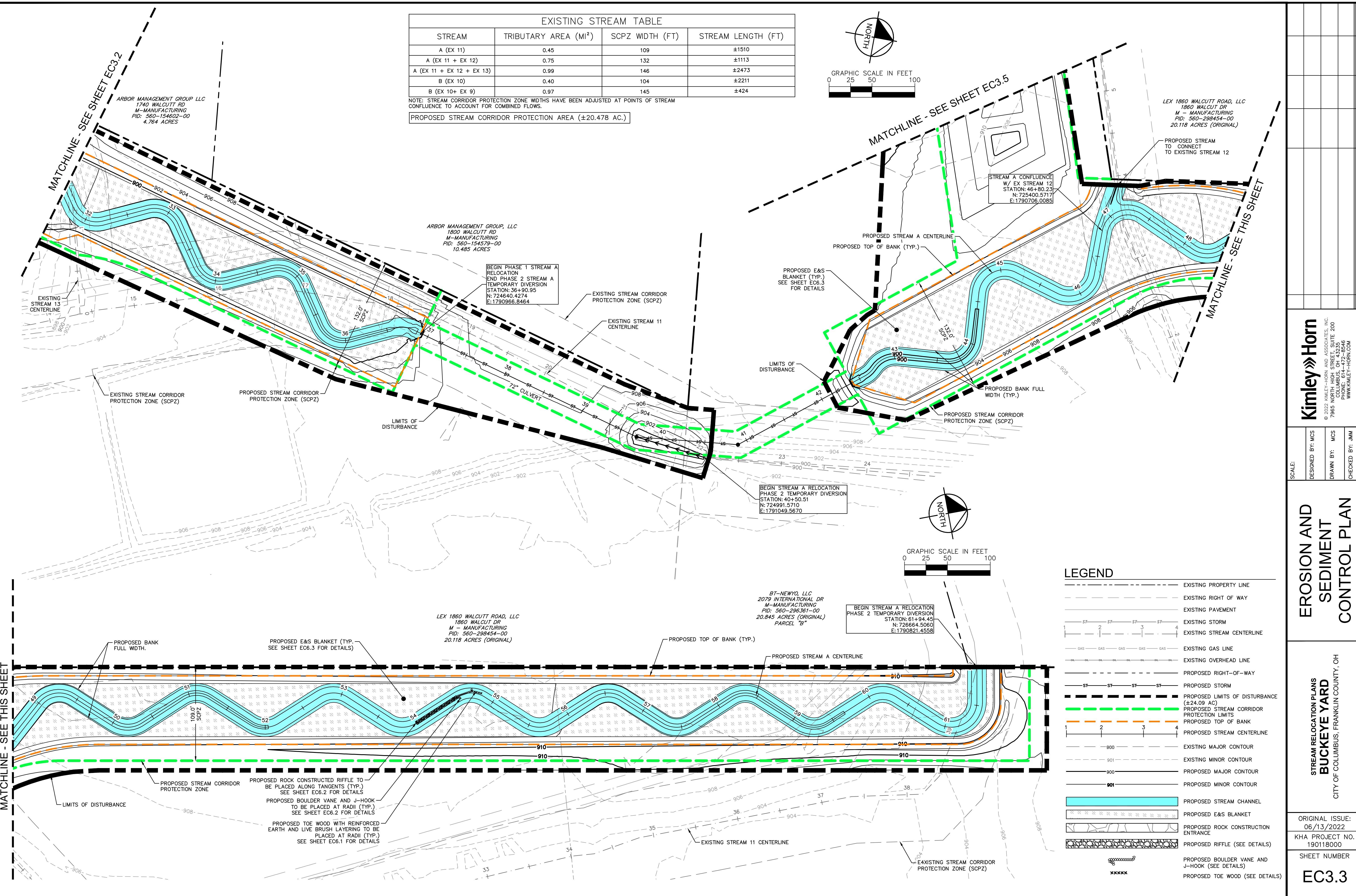
LEGEND

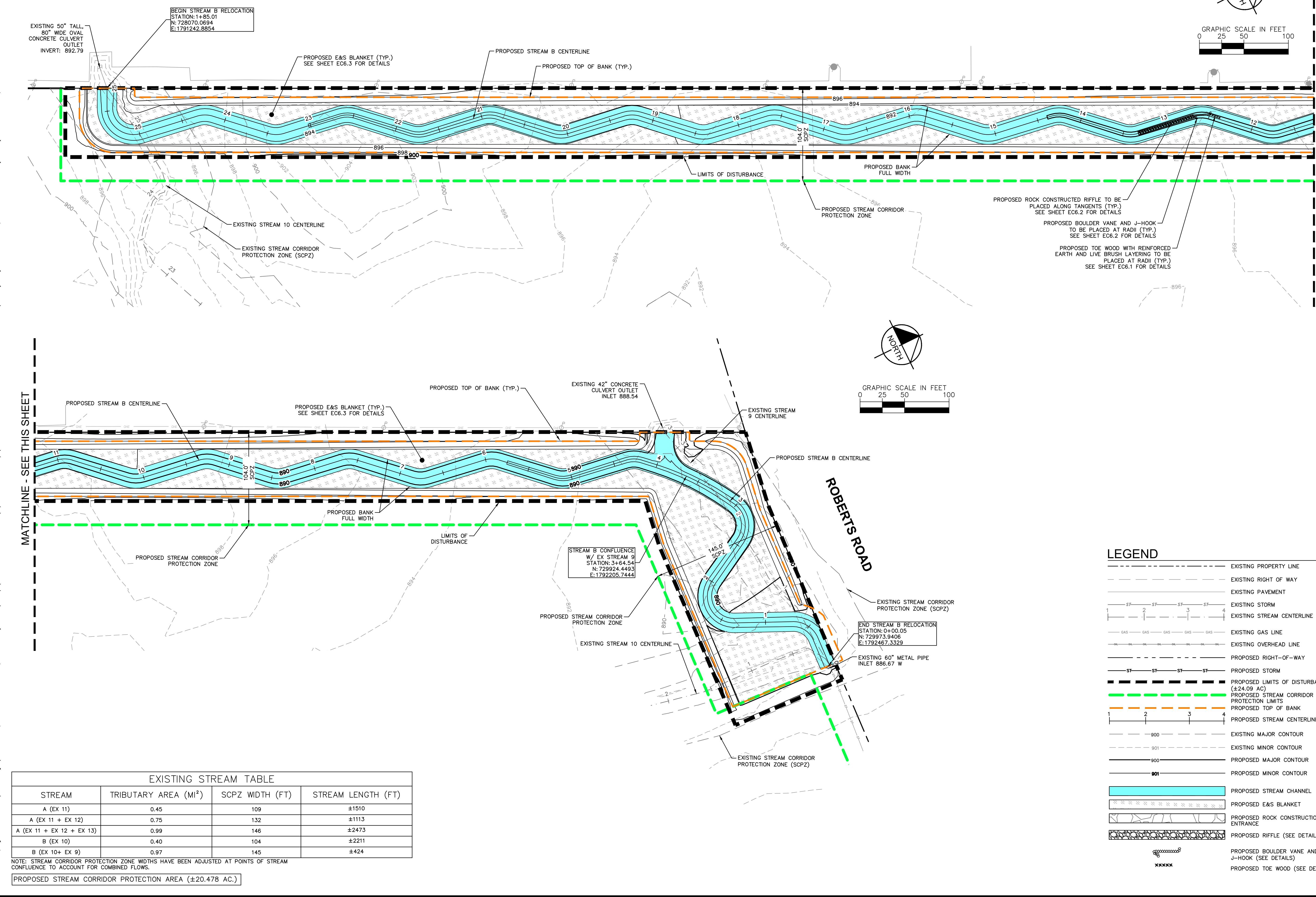
EXISTING PROPERTY LINE	ST ST ST ST PROPOSED STORM	901 PROPOSED MINOR CONTOUR
EXISTING RIGHT OF WAY	PROPOSED LIMITS OF DISTURBANCE (±24.09 AC)	PROPOSED STREAM CHANNEL
EXISTING PAVEMENT	PROPOSED STREAM CORRIDOR PROTECTION LIMITS	PROPOSED E&S BLANKET
EXISTING STORM	PROPOSED TOP OF BANK	PROPOSED ROCK CONSTRUCTION ENTRANCE
EXISTING STREAM CENTERLINE	PROPOSED STREAM CENTERLINE	PROPOSED RIFFLE (SEE DETAILS)
EXISTING GAS LINE	900 EXISTING MAJOR CONTOUR	PROPOSED BOULDER VANE AND J-HOOK (SEE DETAILS)
EXISTING OVERHEAD LINE	901 EXISTING MINOR CONTOUR	PROPOSED TOE WOOD (SEE DETAILS)
PROPOSED RIGHT-OF-WAY	900 PROPOSED MAJOR CONTOUR	



STREAM RELOCATION PLANS	EROSION AND SEDIMENT CONTROL PLAN -	OVERVIEW B
BUCKEYE YARD		
CITY OF COLUMBUS, FRANKLIN COUNTY, OH		
ORIGINAL ISSUE: 06/13/2022	DRAWN BY: MCS	SCALE:
KHA PROJECT NO. 19018000	REVISIONS	DATE: APR DATE
SHEET NUMBER	EC3.1	APR BY
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Jun 14, 2022 1:11pm by Gavin.Rivera

VISION AND SEDIMENT CONTROL PLAN

MENT CONTROL PLAN.dwg EC3.5 EROS

8_StreamRelocation\EROSION AND SEDIMENTATION

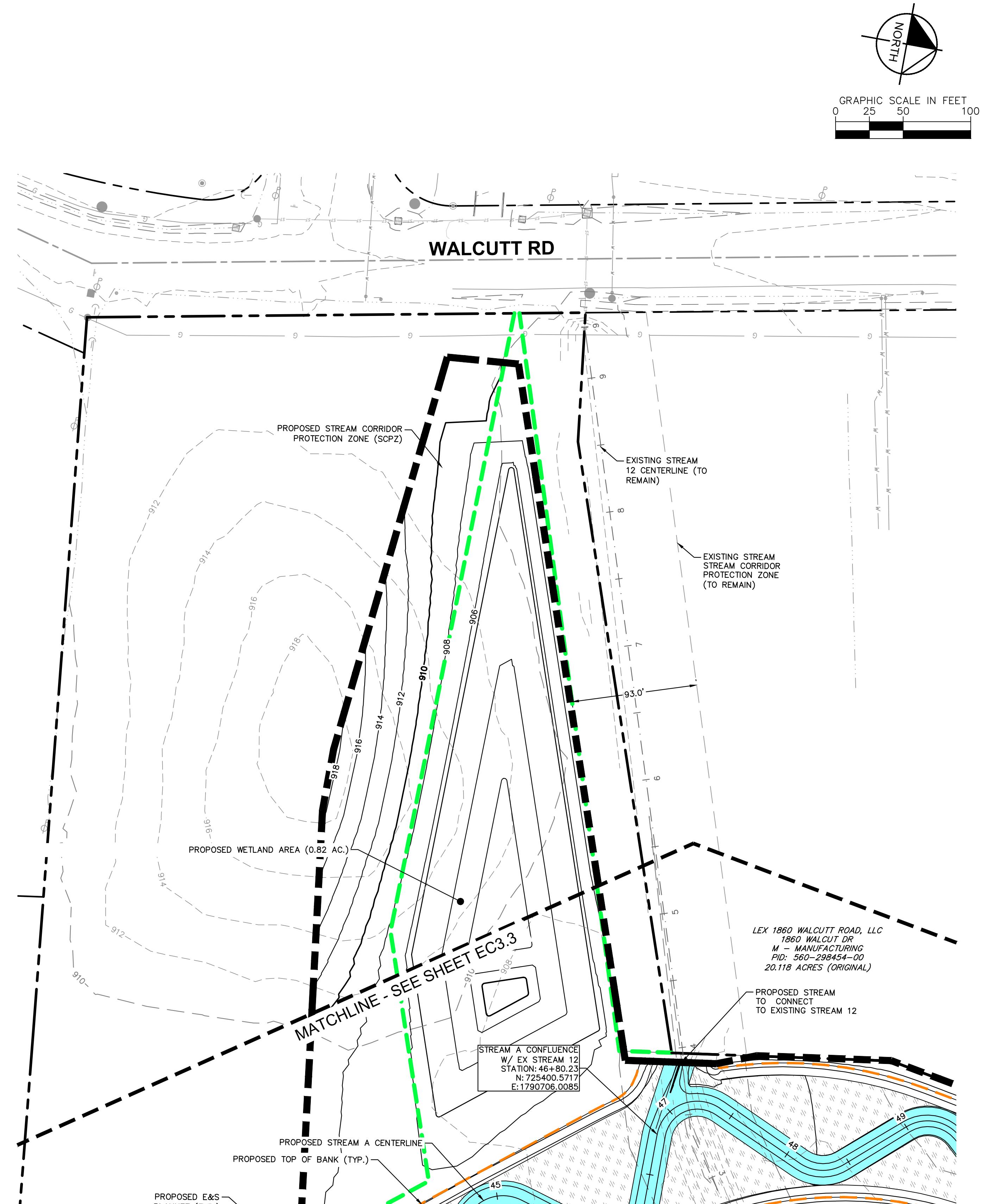
Columbus_OH\2_Design\CAD\PlanSheets

LDEV\190118000_Xebec_Buckeye Yard_C
to the comments and decisions presented herein

ing name: K:\CLB_\document tocobar with

NOTE: STREAM CORRIDOR PROTECTION ZONE WIDTHS HAVE BEEN ADJUSTED AT POINTS OF STREAM CONFLUENCE TO ACCOUNT FOR COMBINED FLOWS.

PROPOSED STREAM CORRIDOR PROTECTION AREA (± 20.478 AC.)



EXISTING STREAM TABLE			
STREAM	TRIBUTARY AREA (MI ²)	SCPZ WIDTH (FT)	STREAM LENGTH (FT)
A (EX 11)	0.45	109	±1510
A (EX 11 + EX 12)	0.75	132	±1113
A (EX 11 + EX 12 + EX 13)	0.99	146	±2473
B (EX 10)	0.40	104	±2211
B (EX 10+ EX 9)	0.97	145	±424

NOTE: STREAM CORRIDOR PROTECTION ZONE WIDTHS HAVE BEEN ADJUSTED AT POINTS OF STREAM CONFLUENCE TO ACCOUNT FOR COMBINED FLOWS.

PROPOSED STREAM CORRIDOR PROTECTION AREA (± 20.478 AC.)

LEGEND

The legend consists of two columns of symbols and their corresponding labels. The left column contains icons representing various features, and the right column contains descriptive text.

- EXISTING PROPERTY LINE:** Dashed black line
- EXISTING RIGHT OF WAY:** Dashed grey line
- EXISTING PAVEMENT:** Solid grey line
- EXISTING STORM:** Line labeled "ST" with tick marks at 1, 2, 3, and 4
- EXISTING STREAM CENTERLINE:** Line labeled "ST" with tick marks at 1, 2, 3, and 4
- EXISTING GAS LINE:** Line labeled "GAS" with tick marks at 1, 2, 3, and 4
- EXISTING OVERHEAD LINE:** Line labeled "OHL" with tick marks at 1, 2, 3, and 4
- PROPOSED RIGHT-OF-WAY:** Dashed black line
- PROPOSED STORM:** Line labeled "ST" with tick marks at 1, 2, 3, and 4
- PROPOSED LIMITS OF DISTURBANCE (± 24.09 AC):** Black dashed line with tick marks at 1, 2, 3, and 4
- PROPOSED STREAM CORRIDOR PROTECTION LIMITS:** Green dashed line with tick marks at 1, 2, 3, and 4
- PROPOSED TOP OF BANK:** Orange dashed line with tick marks at 1, 2, 3, and 4
- PROPOSED STREAM CENTERLINE:** Line labeled "ST" with tick marks at 1, 2, 3, and 4
- EXISTING MAJOR CONTOUR:** Line labeled "900"
- EXISTING MINOR CONTOUR:** Line labeled "901"
- PROPOSED MAJOR CONTOUR:** Line labeled "900"
- PROPOSED MINOR CONTOUR:** Line labeled "901"
- PROPOSED STREAM CHANNEL:** Blue shaded area
- PROPOSED E&S BLANKET:** White area with diagonal hatching
- PROPOSED ROCK CONSTRUCTION ENTRANCE:** Line with jagged ends
- PROPOSED RIFFLE (SEE DETAILS):** Line with circular patterns
- PROPOSED BOULDER VANE AND J-HOOK (SEE DETAILS):** Line with wavy patterns
- PROPOSED TOE WOOD (SEE DETAILS):** Line with "XXXXX" pattern

EC3.5

— 3 —

PLANTING NOTES

THE PLANTING SHOULD BE COMPLETED ACCORDING TO THE PLAN AND SPECIFICATIONS THAT ARE IN THE CONSTRUCTION DOCUMENTS. ANY SPECIFICATIONS CAN BE MODIFIED OR ADJUSTED BY KIMLEY-HORN DEPENDING ON THE SITE-SPECIFIC CONDITIONS OR AVAILABILITY OF PLANS.

PLANTS MAY REQUIRE ADDITIONAL CARE AFTER THE COMPLETION OF 1 GROWING SEASON (MID-APRIL TO LATE OCTOBER). STANDARD PRACTICES SUCH AS WATERING, MULCHING, AND FERTILIZER SHOULD BE COMPLETED DURING THIS TIME AS NECESSARY.

PLANT SPECIES CAN BE SUBSTITUTED IF THE SPECIFIED PLANTS ARE NOT AVAILABLE, BUT MUST BE APPROVED BY ENGINEER.

ALL SEEDS/VEGETATION SHALL ENSURE THAT THE ORIGIN OF THE SEEDS FROM WHICH THE PLANTS OR SEEDS WERE PRODUCED FROM HARDINESS ZONES 5, 6, OR 7, FROM THE EASTERN OR CENTRAL PORTIONS OF THE U.S., PRIOR TO PLANTING.

AN EXPERIENCED CONTRACTOR WHO HAS SUCCESSFULLY COMPLETED PLANTING PROJECTS SIMILAR IN SIZE SHALL BE HIRED FOR THE WORK.

A FULL TIME AND EXPERIENCED SUPERVISOR SHALL BE ON THE PROJECT SITE WHEN PLANTING IS IN PROGRESS.

STOCK FURNISHED SHALL BE AT LEAST THE MINIMUM SIZE INDICATED. LARGER STOCK IS ACCEPTABLE AS LONG AS QUALITY AND VARIETY IS MAINTAINED AND DOES NOT PRESENT PROBLEMS WITH THE INSTALLATION PROCESS.

ENSURE THAT THE ROOTS.ROOT BALLS ARE PROTECTED FORM DIRECT SUN, BREAKAGE, WARM AIR AND DRYING WINDS. STOCK IN CONTAINERS SHALL BE WATERED FREQUENTLY TO KEEP SOIL MOIST. DRIED OUT TOPS OF PLANTS OR ROOTS SHALL BE REJECTED.

ALL PLANT MATERIAL SHALL BE TRANSPORTED AND STORED TO PREVENT PHYSICAL DAMAGE.

ROOT STOCK TO BE PRUNED AS NECESSARY BEFORE INSTALLATION.

DO NOT BEND OR BIND-TIE TREES OR SHRUBS IN SUCH A MANNER AS TO DESTROY THEIR NATURAL SHAPE. USE PROTECTIVE COVERING ON PLANS DURING DELIVERY.

IF PLANTING IS DELAYED MORE THAN 6 HOURS AFTER DELIVERY, SET PLANT MATERIALS IN SHADE TO PROTECT FROM MECHANICAL OR WEATHER DAMAGE.

PROTECT BARK, BRANCHES, AND ROOT SYSTEMS FROM SUN SCALD, DRYING, SWEATING, DESTRUCTIVE WINDS AND OTHER TYPES OF DAMAGE.

PLANTINGS SHOULD FOLLOW DETAILS ON SHEETS EC7.0 TO EC7.3. A PUNCH/PLANTING BAR, AUGER, REBAR, OR WATER-JET MAY BE USED TO PRE-DRILL HOLES IF NECESSARY. SOIL AROUND STAKE SHOULD BE TAMPED FOLLOWING INSTALLATION.

SHRUB SEEDLINGS AND BARE ROOT TREE PLANTINGS ARE PERMITTED BETWEEN THE NOVEMBER 1 AND DECEMBER 15, AND FEBRUARY 15 TO APRIL 15. THESE DATES CAN ONLY BE CHANGED WITH ADVANCED APPROVAL BY KIMLEY-HORN. IF PLANTED OUTSIDE THESE DATES, THE CONTRACTOR BARES RESPONSIBILITY FOR THE SURVIVAL OF THE PLANTINGS.

ALL BARE ROOT PLANTS SHALL BE SET STRAIGHT OR PLUMB TO ALLOW UPRIGHT GROWTH. CONTAINERIZED PLANTS SHALL BE SET PLUMB AND CENTERED WITHIN THE HOLE, WHILE MAKING SURE THAT THE ROOT BALL IS ELEVATED 2 TO 3 INCHES ABOVE THE SURROUNDING SOIL ELEVATIONS. THE PLANTING HOLE SHALL BE BACKFILLED WITH THE SAME SOIL THAT WAS EXCAVATED FORM THE HOLE AFTER REMOVING ALL STONES, ROOTS AND OTHER DEBRIS GREATER THAN 2 INCHES IN DIAMETER. AFTER BACKFILLING THE HOLE, ALL PLANTED SPECIES SHOULD BE WATERED TO THE POINT OF SOIL SATURATION IF NOT PLANTED IN AN EXISTING WET CONDITION.

MAKE SURE THAT ROOTS ARE NOT POT BOUND AND SEPARATE ANY CRAMPED ROOTS BEFORE SETTING THE PLANT.

ENSURE THAT EXISTING SOIL AROUND THE PLANTING IS NOT MOUNDED AND RAKE TO EVEN SOIL OUT AS NECESSARY.

ANY LIVE STAKES USED SHALL BE AT LEAST 1 YEAR OLD AND HARVESTED AND TRANSPORTED WHEN THE PLANS ARE DORMANT (NOV. 1 TO MARCH 1). REFER TO LIVE STAKE DETAIL IN PLANS.

VERIFY THE ELEVATIONS OF THE SUBGRADE AND TOPSOIL AND VERIFY THE CONDITIONS UNDER WHICH WORK IS TO BE PERFORMED.

COMPACTED SOIL SHALL BE RAKED, DUSTED, OR ADJUSTED AS NECESSARY TO FACILITATE WATER INFILTRATION AND ROOT GROWTH.

ANY SOIL ADJUSTMENTS SHALL BE COMPLETED PRIOR TO SEEDING AND PLANT INSTALLATION. DO NOT START INSTALLATION UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED IN A MANNER ACCEPTABLE TO THE ENGINEER.

ANY ROCK FRAGMENTS LARGER THAN 2 INCHES IN SIZE, OR LARGE DEBRIS SHALL BE REMOVED BEFORE ANY PLANTING INSTALLATION. ADEQUATE SOIL FOR PLANTING SHOULD BE COMPRISED MAINLY OF LOAM TO SILTY CLAY LOAM SOILS.

PLANTS SHALL BE INSTALLED IN UNFROZEN SOIL CONDITIONS (OCTOBER 1 TO DECEMBER 15, OR MARCH 1 TO MAY 31) AND OUTSIDE OF POTENTIAL FROST. PLANT INSTALLATION OUTSIDE OF THIS TIME PERIOD SHALL NOT OCCUR UNLESS APPROVED BY THE ENGINEER AND MAY REQUIRE ADDITIONS TO THE SCOPE OF WORK, SUCH AS WATERING REGIMES, MULCHING, OR ADDITIONAL PLANT QUANTITIES.

SEEDING SHALL OCCUR FORM FALL (SEPTEMBER 1) TO LATE SPRING (MAY 31). WEEDING AND SOIL PREPARATION CAN BE CONDUCTED AS NEEDED PRIOR TO SEEDING AND PLANTING.

WET SEED, MOLDY SEED, OR DAMAGED SEED SHALL NOT BE USED. SEED SHOULD BE CLEAN AND DRY.

USE STRAW MULCH IMMEDIATELY FOLLOWING COMPLETION OF SEEDING OPERATIONS IF OTHER EROSION CONTROL MEASURES ARE NOT OTHERWISE SPECIFIED.

RAKE SEED LIGHTLY INTO THE TOP $\frac{1}{4}$ TO $\frac{1}{2}$ INCH OF TOPSOIL, ROLL LIGHTLY AND WATER WITH A SPRAY.

Kimley»Horn

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COLUMBUS, OH 43235
PHONE: 614-472-8546
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PLANTING NOTES

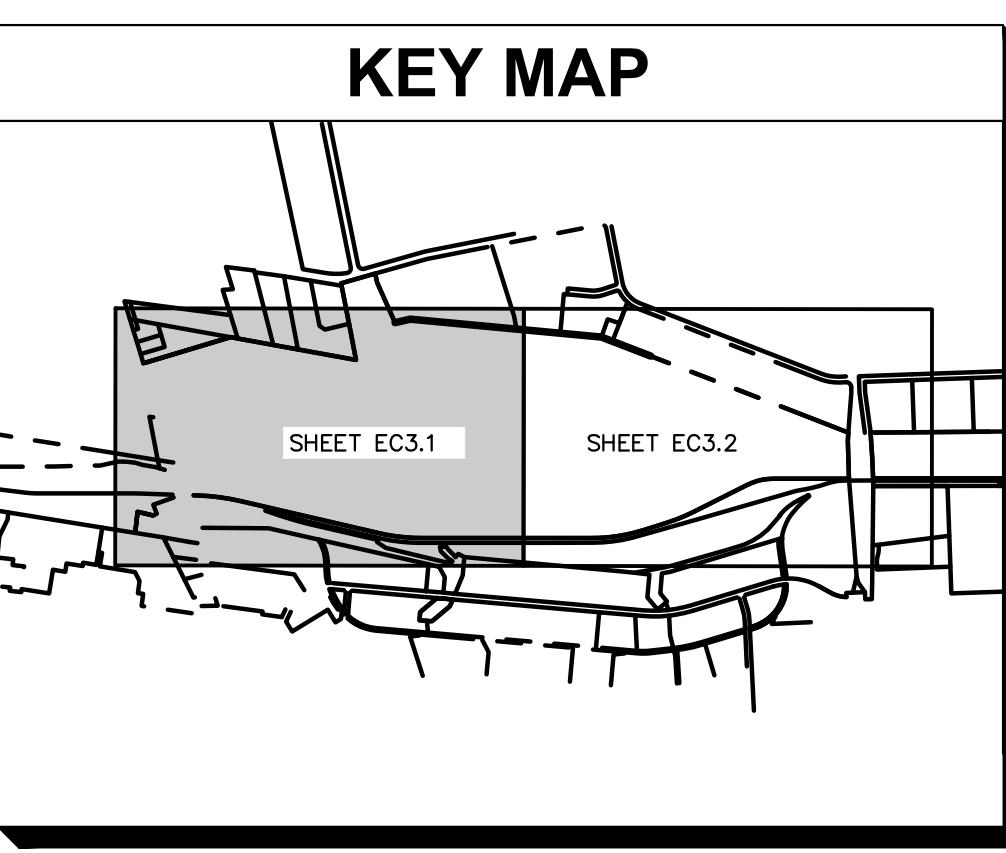
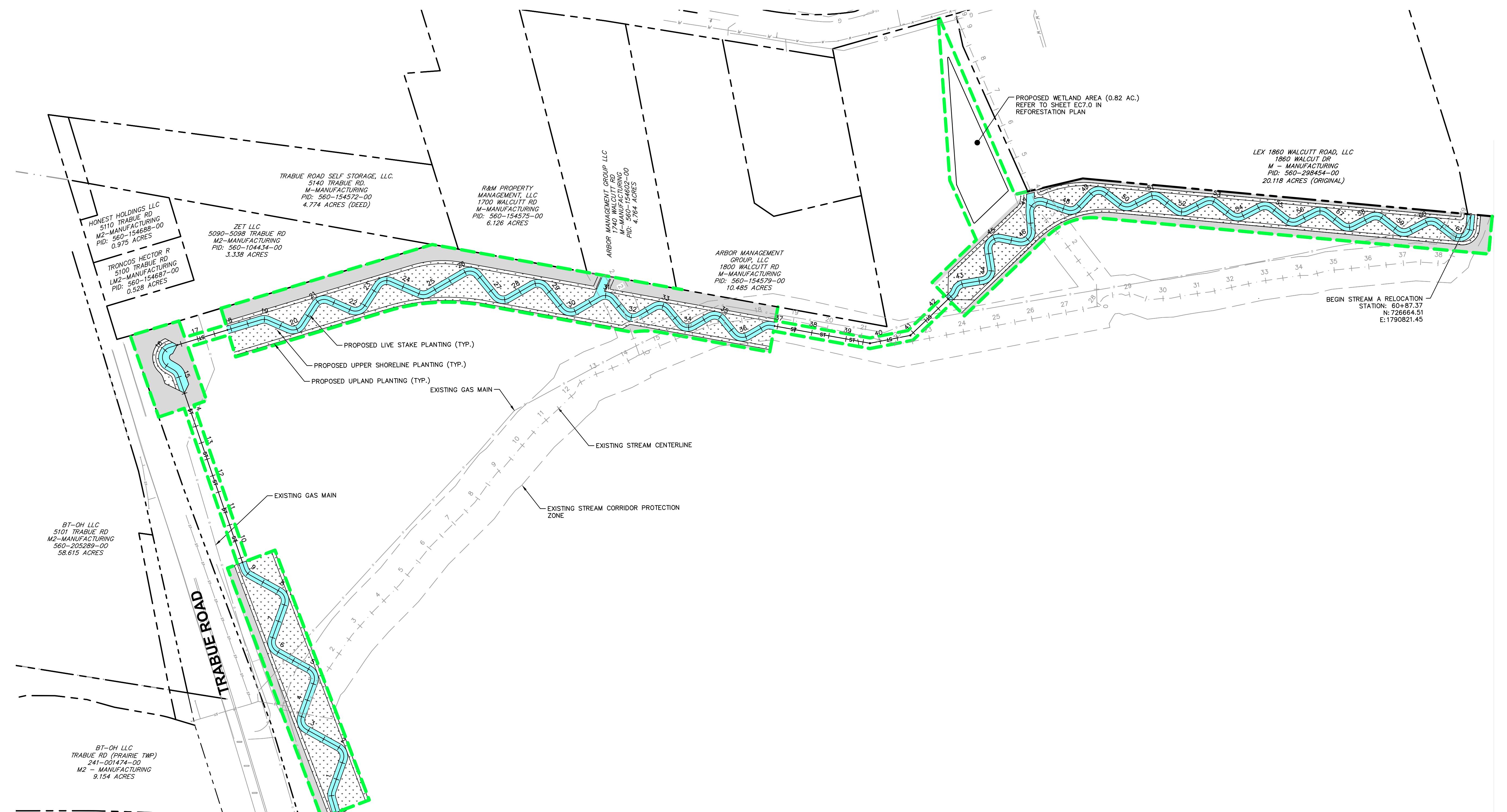
**STREAM RELOCATION PLANS
BUCKEYE YARD
CITY OF COLUMBUS, FRANKLIN COUNTY, OH**

ORIGINAL ISSUE:
06/13/2022

KHA PROJECT NO.
190118000

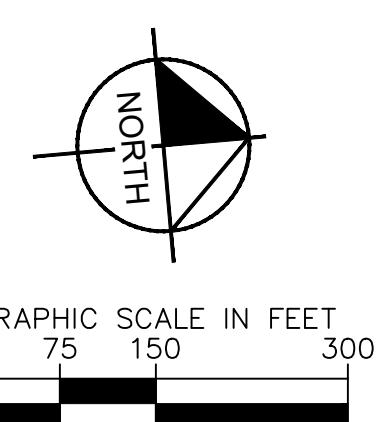
SHEET NUMBER

EC5.0



LEGEND

EXISTING PROPERTY LINE	EXISTING WATER LINE	PROPOSED STREAM CORRIDOR PROTECTION LIMITS
EXISTING RIGHT OF WAY	EXISTING GAS LINE	LIVE STAKE PLANTING (3.88 AC.)
EXISTING EASEMENT	EXISTING OHE	UPPER SHORELINE PLANTING (11.56 AC.)
EXISTING PAVEMENT	EXISTING OVERHEAD LINE	UPLAND PLANTING (5.99 AC.)
EXISTING CENTERLINE	ELE ELE ELE ELE	
EXISTING STORM	PROPOSED RIGHT-OF-WAY	
SAN SAN SAN SAN	PROPOSED STORM	
EXISTING SANITARY		



EC5.1

Kimley»Horn

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COLUMBUS, OH 43225

PHONE: 614-472-8546

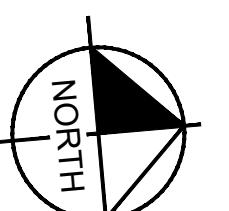
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PLANTING PLAN -
OVERVIEW A

STREAM CORRIDOR PROTECTION ZONE
BUCKEYE YARD
CITY OF COLUMBUS, FRANKLIN COUNTY, OH

ORIGINAL ISSUE:
06/13/2022
KHA PROJECT NO.
19018000

SHEET NUMBER



NO.	REVISIONS	DATE	BY	APR DATE	APR BY

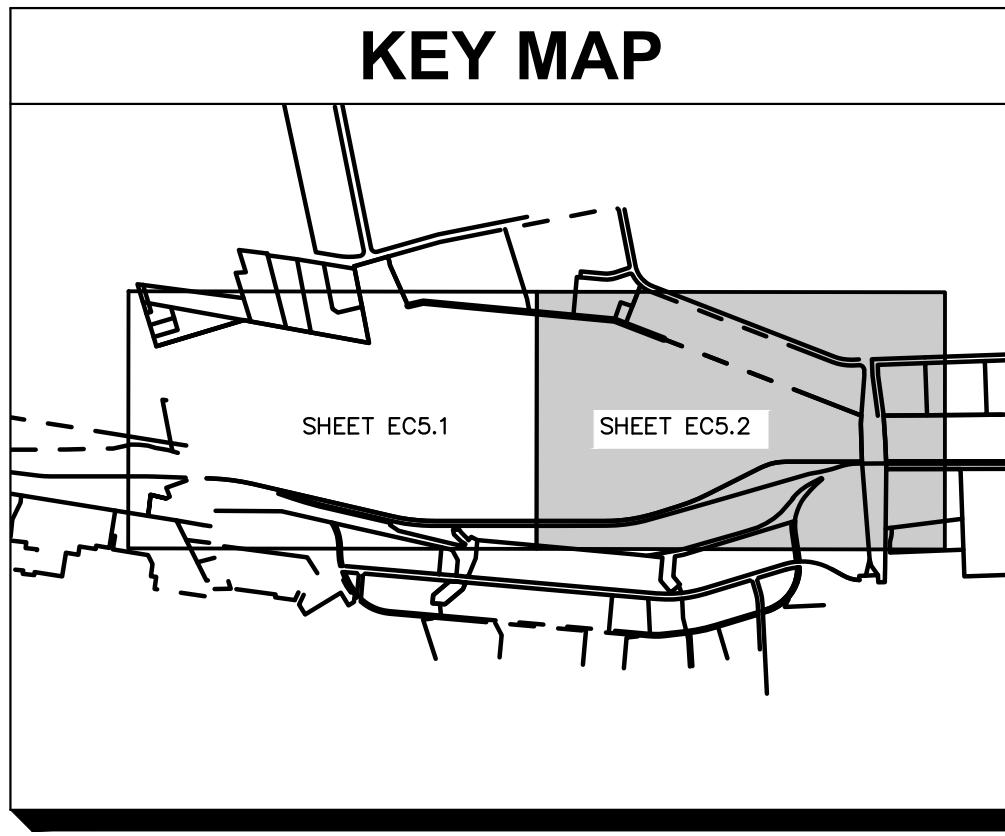
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dwg drawing name: K:\CLB\DEV\190118000_Xebec_Buckeye Yard_Columbus\H2 Design\CAD\PlanSheets\8_StreamRelocation\PLANING PLAN.dwg Jun 14, 2022 1:11pm
by Gavin.Rivera

OVERVIEW B

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KEY MAP



LEGEND

The legend consists of two columns of line drawings and their corresponding labels. The first column includes: EXISTING PROPERTY LINE (dashed line), EXISTING RIGHT OF WAY (dashed line), EXISTING EASEMENT (dash-dot line), EXISTING PAVEMENT (solid line), EXISTING CENTERLINE (line with a small circle symbol), EXISTING STORM (line with 'ST' markers), and EXISTING SANITARY (line with 'SAN' markers). The second column includes: EXISTING WATER LINE (line with 'W' markers), EXISTING GAS LINE (line with 'G' marker), EXISTING OVERHEAD LINE (line with 'OHE' marker), EXISTING ELECTRIC (line with 'ELE' markers), PROPOSED RIGHT-OF-WAY (dashed line), and PROPOSED STORM (line with 'ST' markers). To the right of the legend, there is a graphic of a green stream corridor with three horizontal bars extending from it: a light blue bar labeled 'LIVE STAKE PLANTING (3.88 AC.)', a black bar with white asterisks labeled 'UPPER SHORELINE PLANTING (11.56 AC.)', and a grey bar labeled 'UPLAND PLANTING (5.99 AC.)'.

BEGIN STREAM B RELOCATION
STATION: 27+
N: 72806
E: 179124

*DIR ROBERTS DEARBORN INDUSTRIAL, L.
M-MANUFACTURING
PID: 560-241821-00
24.475 ACRES (ORIGINAL)
PARCEL 2*

*BT-NEWYO, LLC
2079 INTERNATIONAL DR
M-MANUFACTURING
PID: 560-298138-00
5.571 ACRES (ORIGINAL)
PARCEL "A"*

*DIR ROBERTS DEF
INDUSTRIAL, L.
INTERCONTINENTAL
M-MANUFACTURING
PID: 560-296285-
0.573 ACRES (ORIG)
PARCEL 1*

*DIR ROBERTS DEARBORN INDUSTRIAL,
M-MANUFACTURING
PID: 560-241821-00
24.475 ACRES (ORIGINAL)
PARCEL 2*

*BT-NEWYD, LLC
2079 INTERNATIONAL DR
M-MANUFACTURING
PID: 560-298138-00
5.571 ACRES (ORIGINAL)
PARCEL "A"*

*DEARBORN INDUSTRIAL,
MANUFACTURING
D: 560-241821-00
75 ACRES (ORIGINAL)
PARCEL 2*

This figure is a topographic map illustrating proposed streambank stabilization measures. The map shows a series of contour lines representing elevation changes. A dashed line labeled 'EXISTING STREAM CENTERLINE' indicates the path of the stream. Several planting zones are outlined in different colors:

- PROPOSED LIVE STAKE PLANTING (TYP.)**: Shown as a green dashed line.
- PROPOSED UPPER SHORELINE PLANTING (TYP.)**: Shown as a light blue shaded area.
- PROPOSED UPLAND PLANTING (TYP.)**: Shown as a grey shaded area.

The map also features a 'CORRIDOR ION ZONE' indicated by a black line with cross-hatching. Numbered points (1 through 16) are marked along the stream centerline, likely indicating specific locations for planting or monitoring. Labels include 'OHC' (Overbank Channel) at the top right and 'QHC' (Quiescent Channel) near the bottom right.

PENNSYLVANIA LINES
M2 - MANUFACTURER
PID: 560-154554
21.413 ACRES

*NEW YORK CENTRAL LINES L
M2 - MANUFACTURING
PID: 560-203914
±43.11 ACRES*

MERITEX COLU
M2 - MANUF
PID: 560-12
11.568 ACRES
TRACT

ROBERTS ROAD

WILSONART I LLC
M - MANUFACTURING
PID: 560-189897-00
5.874 ACRES (ORIGINAL)

STATE OF OHIO
00 CURRENCY DR
- MANUFACTURING
: 560-138336-00
0 ACRES (ORIGINAL)

PLANTING PLAN OVERVIEW B

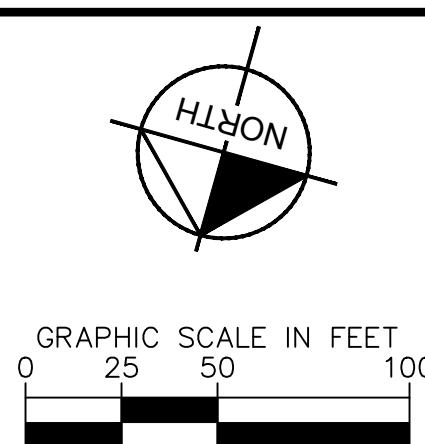
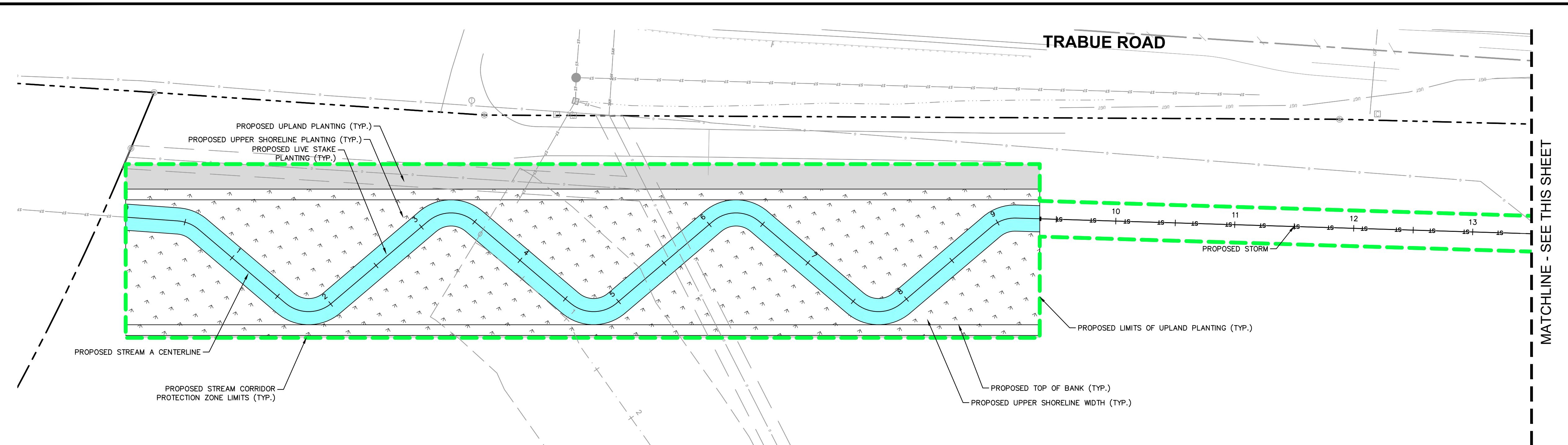
Kimley»Horn

DESIGNED BY

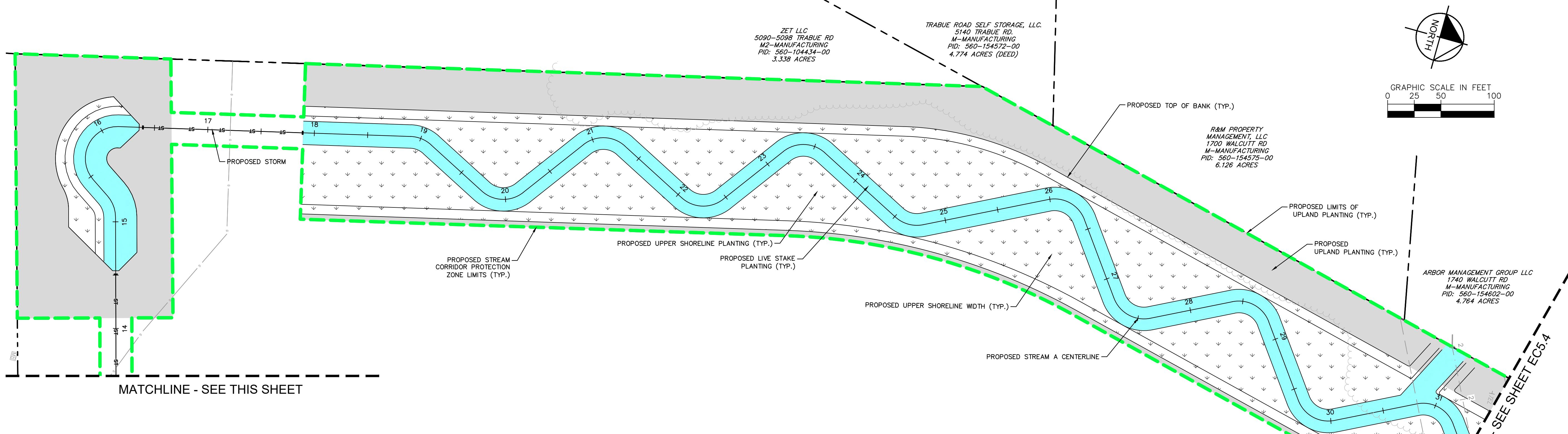
**STREAM CORRIDOR PROTECTION ZONE
REFORESTATION PLANS
BUCKEYE YARD**

ORIGINAL ISSUE
06/13/2022
KHA PROJECT
190118000

EC5.2



NORTH



NORTH

LEGEND

EXISTING PROPERTY LINE	EXISTING WATER LINE	PROPOSED STREAM CORRIDOR PROTECTION LIMITS
EXISTING RIGHT OF WAY	G	LIVE STAKE PLANTING (3.88 AC.)
EXISTING EASEMENT	OHE	UPPER SHORELINE PLANTING (11.56 AC.)
EXISTING PAVEMENT	ELE	UPLAND PLANTING (5.99 AC.)
EXISTING CENTERLINE	ELE	
EXISTING STORM	ELE	
SAN	ST	
EXISTING SANITARY	ST	
	PROPOSED RIGHT-OF-WAY	
	PROPOSED STORM	

ORIGINAL ISSUE:
06/13/2022
KHA PROJECT NO.
19018000

SHEET NUMBER

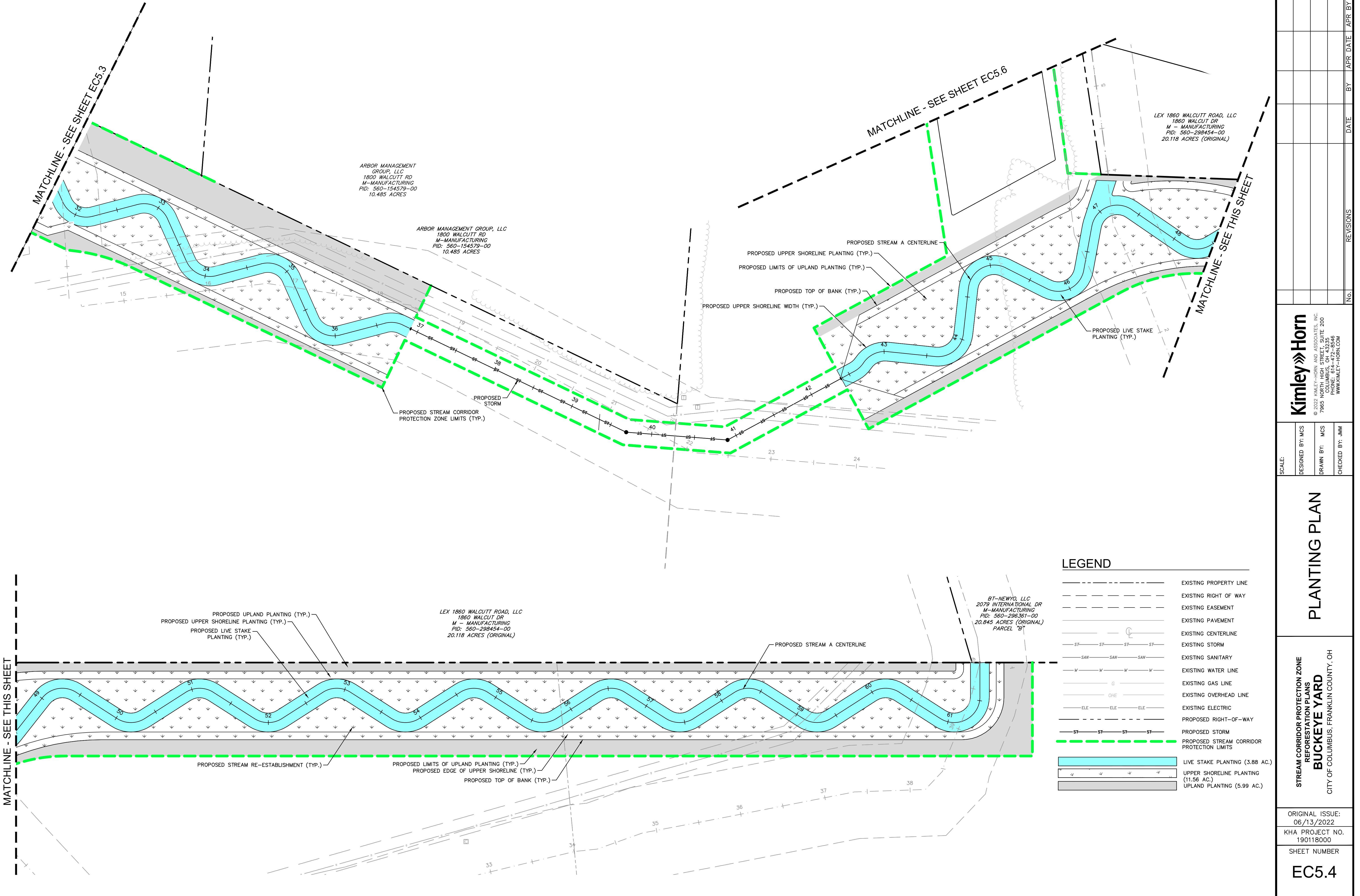
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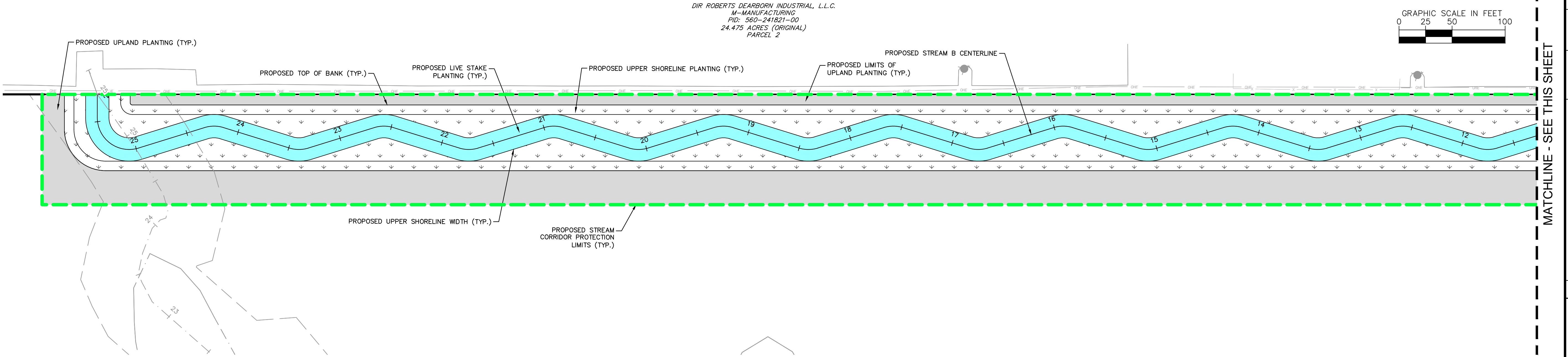
DATE	BY	APR DATE	APR BY

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COLUMBUS, OH 43235
PHONE: 614-472-8546
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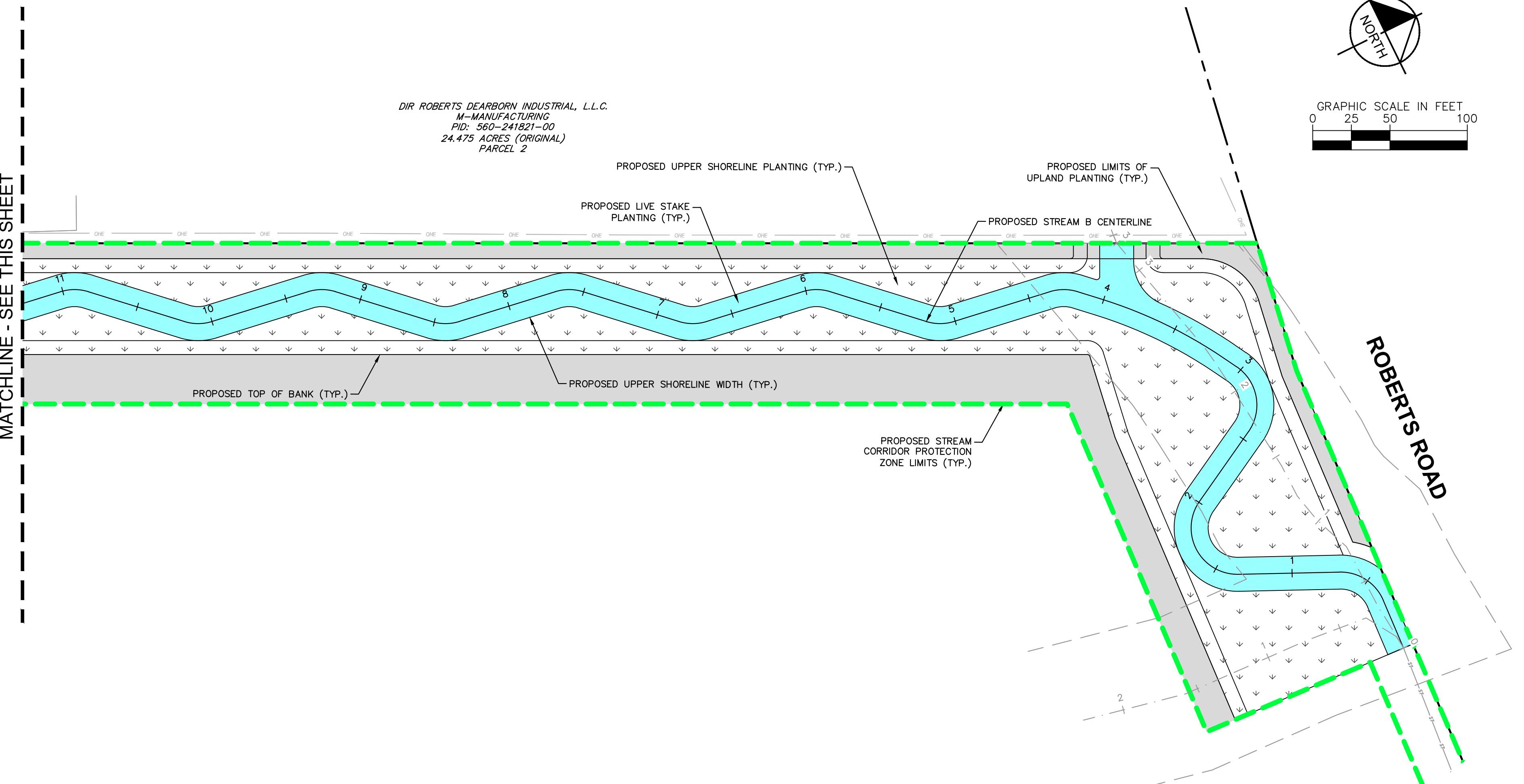
PLANTING PLAN

STREAM CORRIDOR PROTECTION ZONE
REFORESTATION PLANS
BUCKEYE YARD
CITY OF COLUMBUS, FRANKLIN COUNTY, OH





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EGEND

	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY
	EXISTING EASEMENT
	EXISTING PAVEMENT
	EXISTING CENTERLINE
	EXISTING STORM
	EXISTING SANITARY
	EXISTING WATER LINE
	EXISTING GAS LINE
	EXISTING OVERHEAD LINE
	EXISTING ELECTRIC
	PROPOSED RIGHT-OF-WAY
	PROPOSED STORM
	PROPOSED STREAM CORRIDOR PROTECTION LIMITS
	LIVE STAKE PLANTING (3.88 AC.)
	UPPER SHORELINE PLANTING (11.56 AC.)
	UPLAND PLANTING (5.99 AC.)

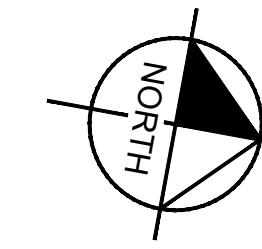
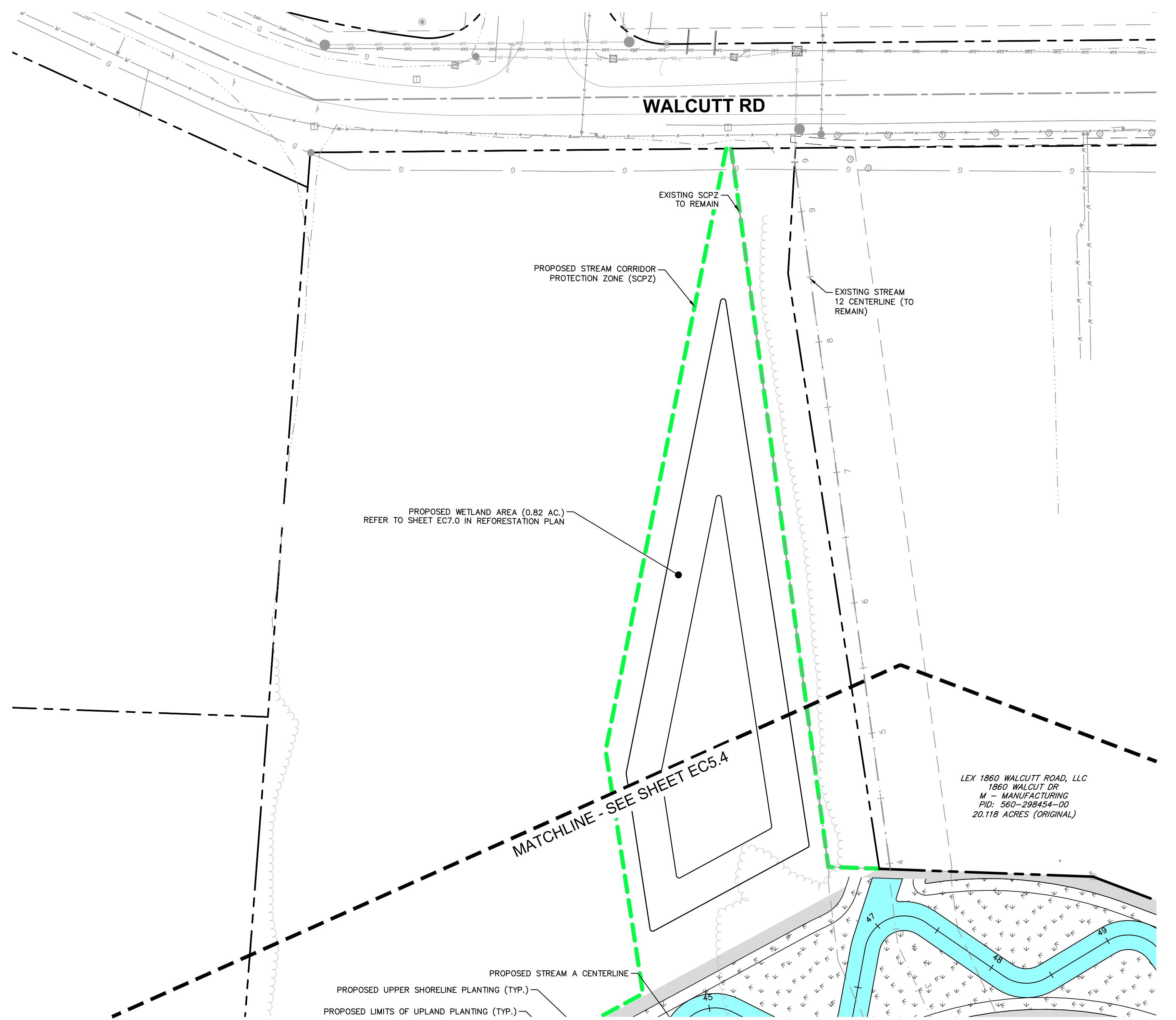
**STREAM CORRIDOR PROTECTION ZONE
REFORESTATION PLANS**

BUCKEYE YARD

TY OF COLUMBUS, FRANKLIN COUNTY, OH

ORIGINAL ISSUE
06/13/2022
KHA PROJECT N
190118000

EC5.5



GRAPHIC SCALE IN FEET
0 25 50 100

STREAM CORRIDOR PROTECTION ZONE REFORESTATION PLANS		PLANTING PLAN	
BUCKEYE YARD CITY OF COLUMBUS, FRANKLIN COUNTY, OH		<p style="text-align: right;">© 2022 KIMLEY-HORN AND ASSOCIATES, INC. 7965 NORTH HIGH STREET, SUITE 200 COLUMBUS, OH 43235 PHONE: 614-472-8546 WWW.KIMLEY-HORN.COM</p>	
ORIGINAL ISSUE: 06/13/2022	KHA PROJECT NO. 190118000	SCALE: DESIGNED BY: MCS	DRAWN BY: MCS CHECKED BY: JMM
		REVISIONS	DATE BY
		APR DATE	APR BY
		No.	
EC5.6			