

CITY OF PHILADELPHIA

DEPARTMENT OF PARKS & RECREATION

MAYOR - JAMES F. KENNEY

MANAGING DIRECTOR - BRIAN ABERNATHY

COMMISSIONER OF PARKS & RECREATION - KATHRYN OTT LOVELL

DRAWINGS FOR CONSTRUCTION OF:

MLK TRAIL IMPROVEMENTS

MARTIN LUTHER KING JR DRIVE PHILADELPHIA, PA 19131 PROJECT NO. 17-17-4872-01

CIVIL ENGINEER:

NIV5 NV5, Inc.
1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
PHONE (215) 259-2776

BID SET
NOT FOR
CONSTRUCTION

ABBREVIATIONS:

TBR	TO BE REMOVED	PNT	POINT	GALV	GALVANIZED	LOD	LIMIT OF DISTURBANCE	TS	TOP OF STEP
PT	POINT OF TANGENCY	CU YD	CUBIC YARD	GR	GRADE	LOW	LIMIT OF WORK	BS	BOTTOM OF STEP
PC	POINT OF CURVE	DEMO	DEMOLISH/DEMOLITION	HT	HEIGHT	NO. / #	NUMBER	VIF	VERIFY IN FIELD
DI	DUCTILE IRON	DEP	DEPRESSED	CAL	CALIPER	NTS	NOT TO SCALE	TYP	TYPICAL
CI	CAST IRON	DN	DOWN	GAL	GALLON	OC	ON CENTER	W/	WITH
RCP	REINFORCED CONCRETE PIPE	DIA	DIAMETER	QT	QUART	PERF	PERFORATED	WWF	WELDED WIRE FABRIC
PVC	POLYVINYL CHLORIDE	DWG	DRAWING	HDPE	HIGH DENSITY POLYETHYLENE	POB	POINT OF BEGINNING	SPD	SPREAD
INV.	INVERT ELEVATION	DWL	DOWEL	PE	POLYETHYLENE	SCH	SCHEDULE	REQD	REQUIRED
T.G.	TOP OF GRATE ELEVATION	EA	EACH	HORIZ	HORIZONTAL	SCHED	SCHEDULE	W/x*	WHITE PAVEMENT MARKING AT X INCHES WIDE
C.O.	CLEAN OUT	EL	ELEVATION	VERT	VERTICAL	SF	SQUARE FOOT	Y/x*	YELLOW PAVEMENT MARKING AT X INCHES WIDE
FFE	FINISHED FLOOR ELEVATION	ELEC	ELECTRIC	R	RADIUS OR RISER	SQ	SQUARE		
JNT	JOINT	EQ	EQUAL	RAD	RADIUS	STA	STATION		
EXP	EXPANSION	EF	EACH FACE	KJ	KEYED JOINT	STL	STEEL		
CJ	CONTROL JOINT	EW	EACH WAY	LP	LOW POINT	TC	TOP OF CURB		
EJ	EXPANSION JOINT	EX	EXISTING	MET	METAL	BC	BOTTOM OF CURB		
CONST	CONSTRUCTION	UD	UNDERDRAIN	SS	STAINLESS STEEL	TW	TOP OF WALL		
CIP	CAST-IN-PLACE	FG	FINISH GRADE	MFR	MANUFACTURER	BW	BOTTOM OF WALL		
CL	CENTERLINE	FBO	FURNISHED BY OTHERS	MIN	MINIMUM	TEL	TELEPHONE		
CONC	CONCRETE	FIXT	FIXTURE	MISC	MISCELLANEOUS	W	WATER		
COND	CONDUIT	FR	FROM RECORD	NOM	NOMINAL	SAN	SANITARY		
CTR	CENTER	FT	FOOT OR FEET	NIC	NOT IN CONTRACT	SIM	SIMILAR		
		FTG	FOOTING	CLL	CONTRACT LIMIT LINE	SD	STORM DRAIN		
		GA	GAUGE			T	TREAD		

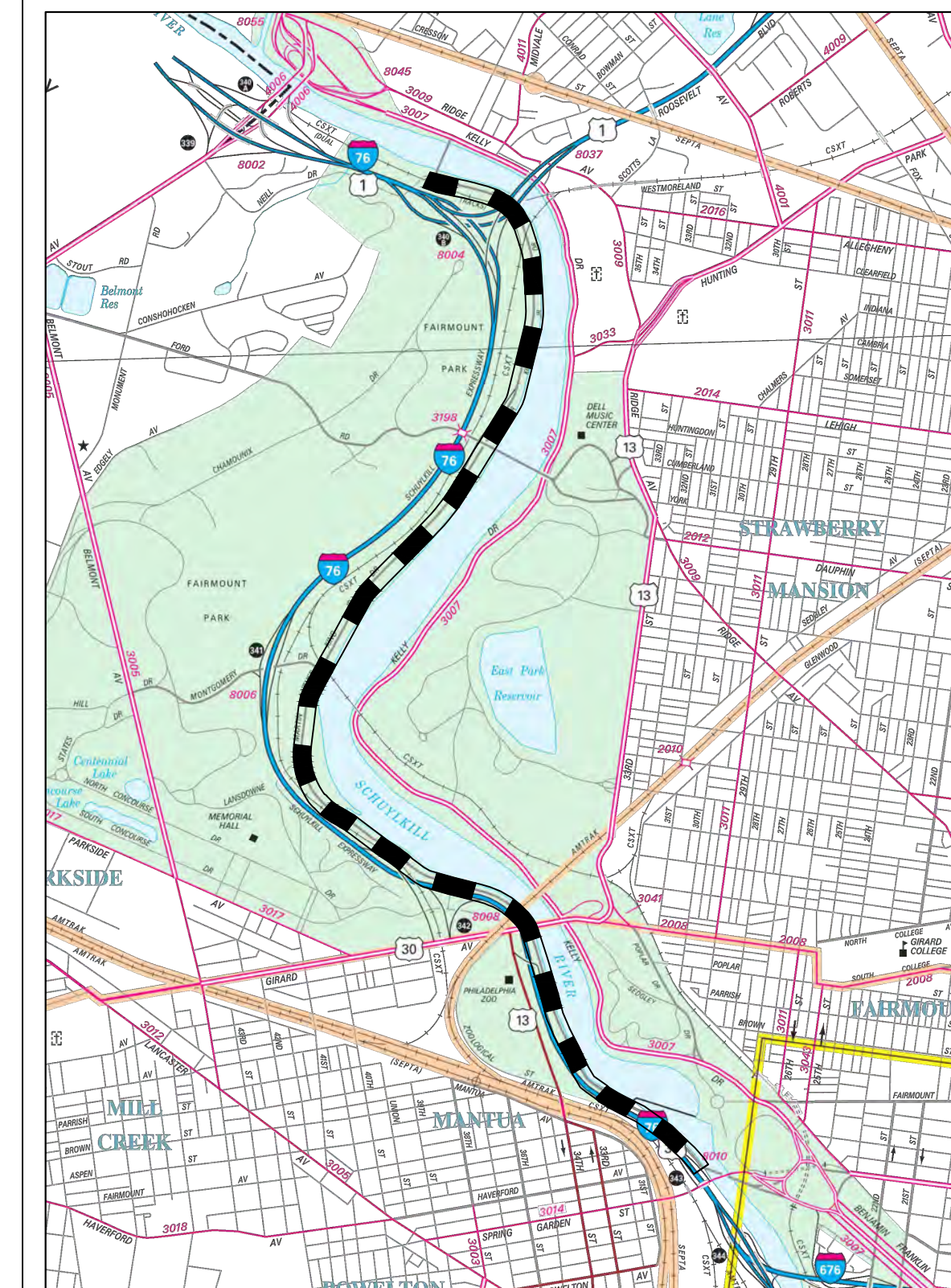
DRAWING LIST:

- COVER SHEET
- INDEX SHEET
- GENERAL NOTES
- TYPICAL SECTIONS
- DETAILS
- EROSION & SEDIMENT CONTROL
- TRAIL PLAN & PROFILE
- TRAIL ENLARGEMENT AT COLUMBIA R.R. BRIDGE
- TRAIL ENLARGEMENT AT GIRARD AVENUE BRIDGE
- ADA RAMP PLANS

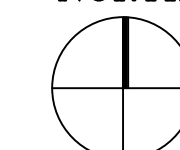
SHEET NO:

- 1
- 2-3
- 4
- 5
- 6 TO 8
- ES-1 TO ES-24
- C-1 TO C-22
- C-23
- C-24
- C-25 TO C-30

LOCATION PLAN



NORTH



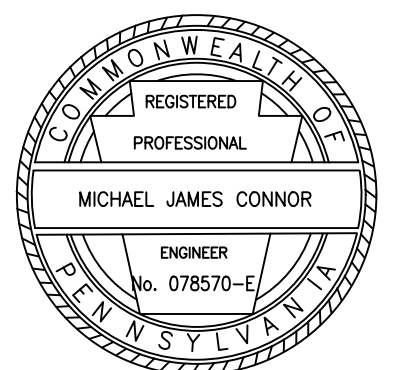
PROJECT APPROVED

COMMISSIONER/DEPARTMENT OF PARKS & RECREATION

DEPUTY COMMISSIONER/DEPARTMENT OF PARKS & RECREATION

PROJECT DIRECTOR/DPR-CAPITAL PROJECTS DIVISION

SEALS



CITY OF PHILADELPHIA
DEPARTMENT OF PARKS & RECREATION

1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT NO. 17-17-4872-01

DATE 8/03/2020

SCALE AS SHOWN

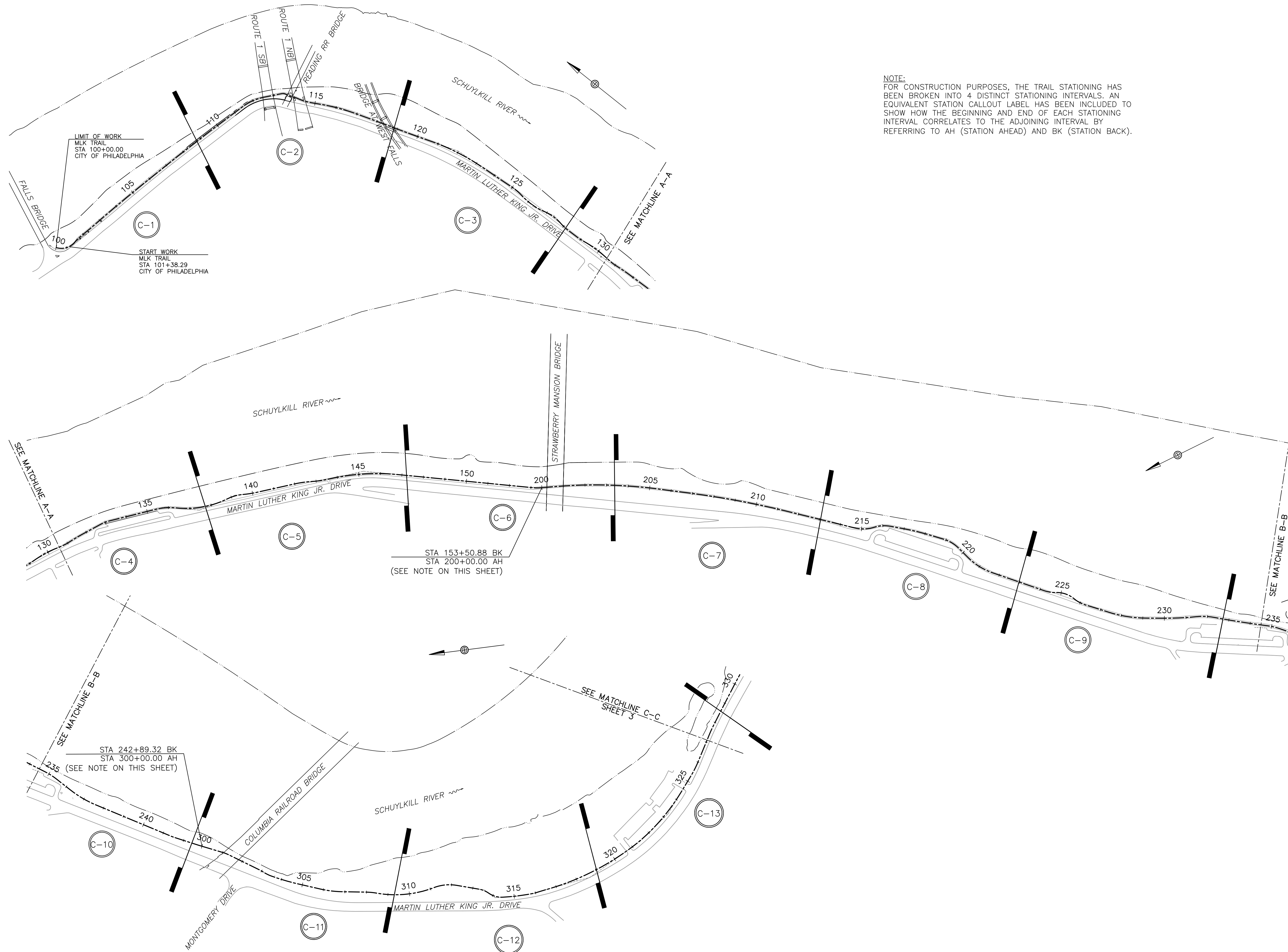
DRAWN BY CS

CHECKED BY ML

DRAWING NO.

1

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



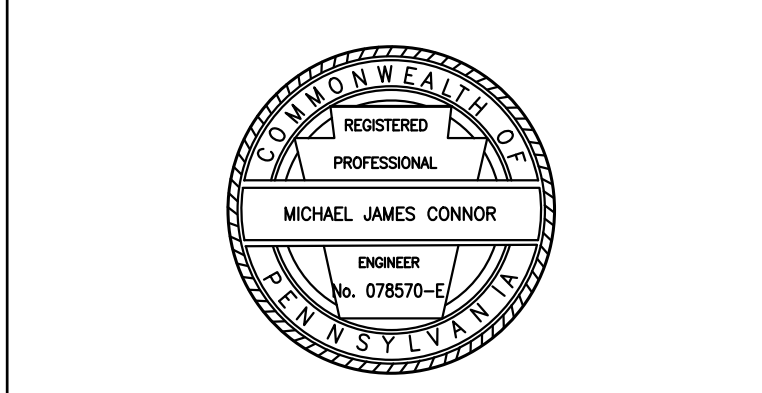
NOTE:
 FOR CONSTRUCTION PURPOSES, THE TRAIL STATIONING HAS BEEN BROKEN INTO 4 DISTINCT STATIONING INTERVALS. AN EQUIVALENT STATION CALLOUT LABEL HAS BEEN INCLUDED TO SHOW HOW THE BEGINNING AND END OF EACH STATIONING INTERVAL CORRELATES TO THE ADJOINING INTERVAL BY REFERRING TO AH (STATION AHEAD) AND BK (STATION BACK).

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
 NOT FOR
 CONSTRUCTION



PROJECT COORDINATOR
 ROB ARMSTRONG



NV15 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

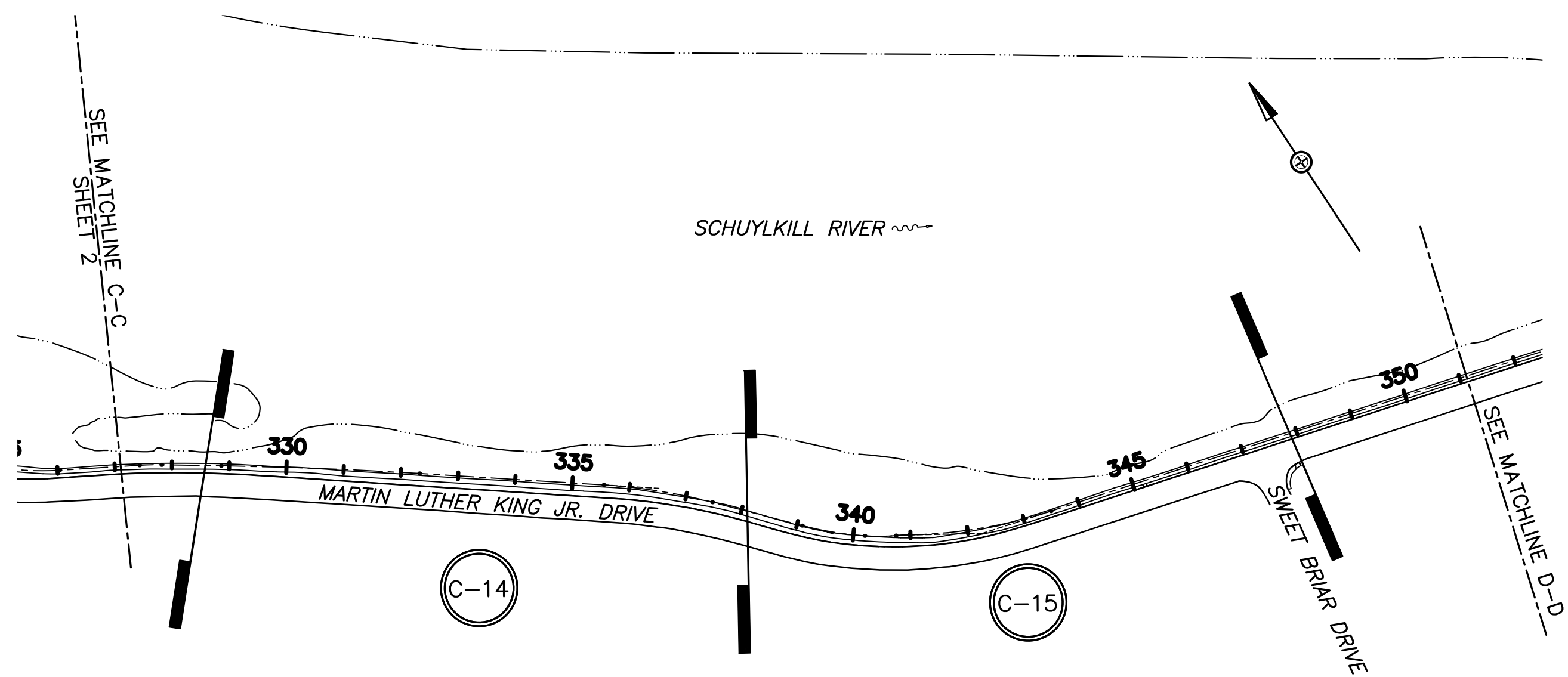
CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
 MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK

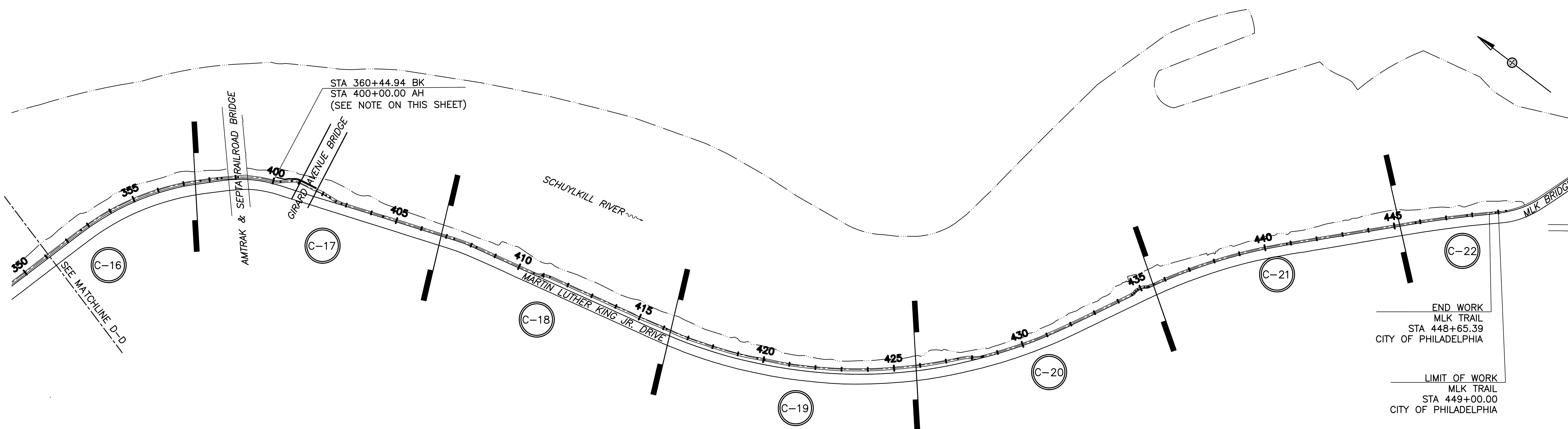
DRAWING TITLE
 INDEX SHEET 1 OF 2

PROJECT NO. 17-17-4872-01	DRAWING NO. 2
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



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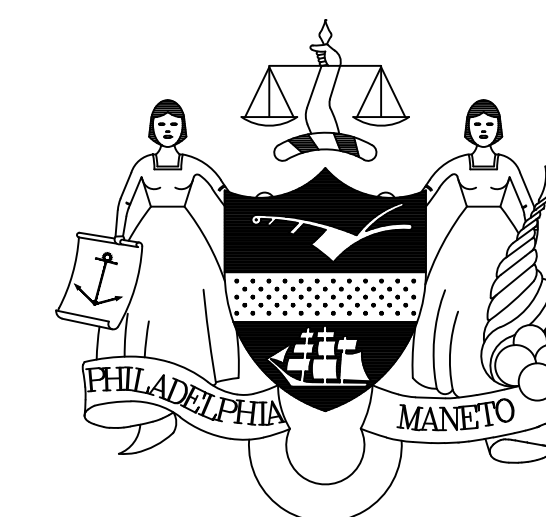
END WORK
 MLK TRAIL
 STA 448+65.39
 CITY OF PHILADELPHIA

LIMIT OF WORK
 MLK TRAIL
 STA 449+00.00
 CITY OF PHILADELPHIA

REVISIONS

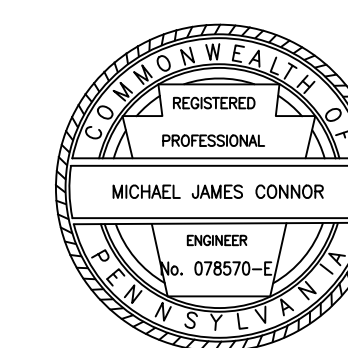
ISSUE	DATE	REVISIONS

BID SET
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PROJECT COORDINATOR
 ROB ARMSTRONG

SEALS



NV|5 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
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CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
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 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
 MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK

DRAWING TITLE
 INDEX SHEET 2 OF 2

PROJECT NO.
 17-17-4872-01

DATE
 8/03/2020

SCALE
 AS SHOWN

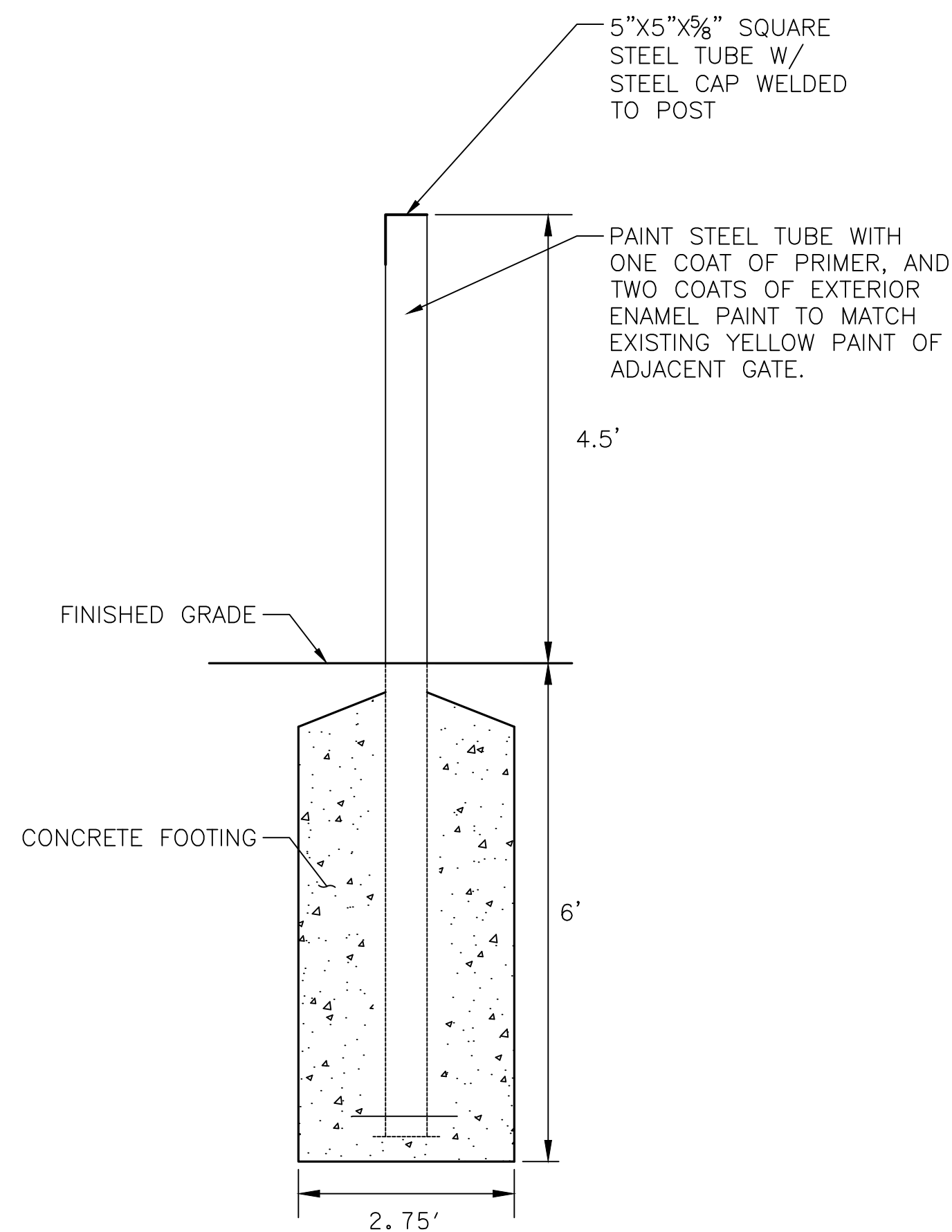
DRAWN BY
 CS

CHECKED BY
 ML

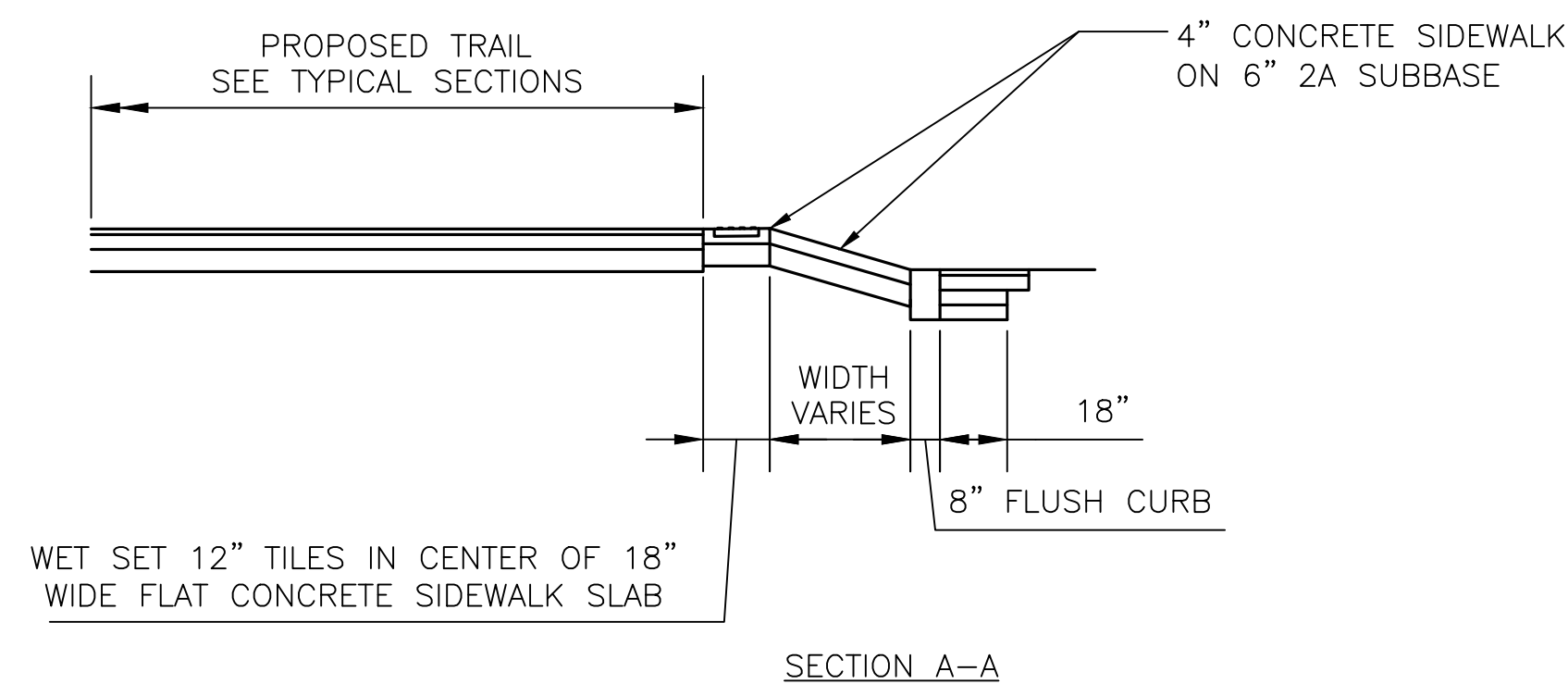
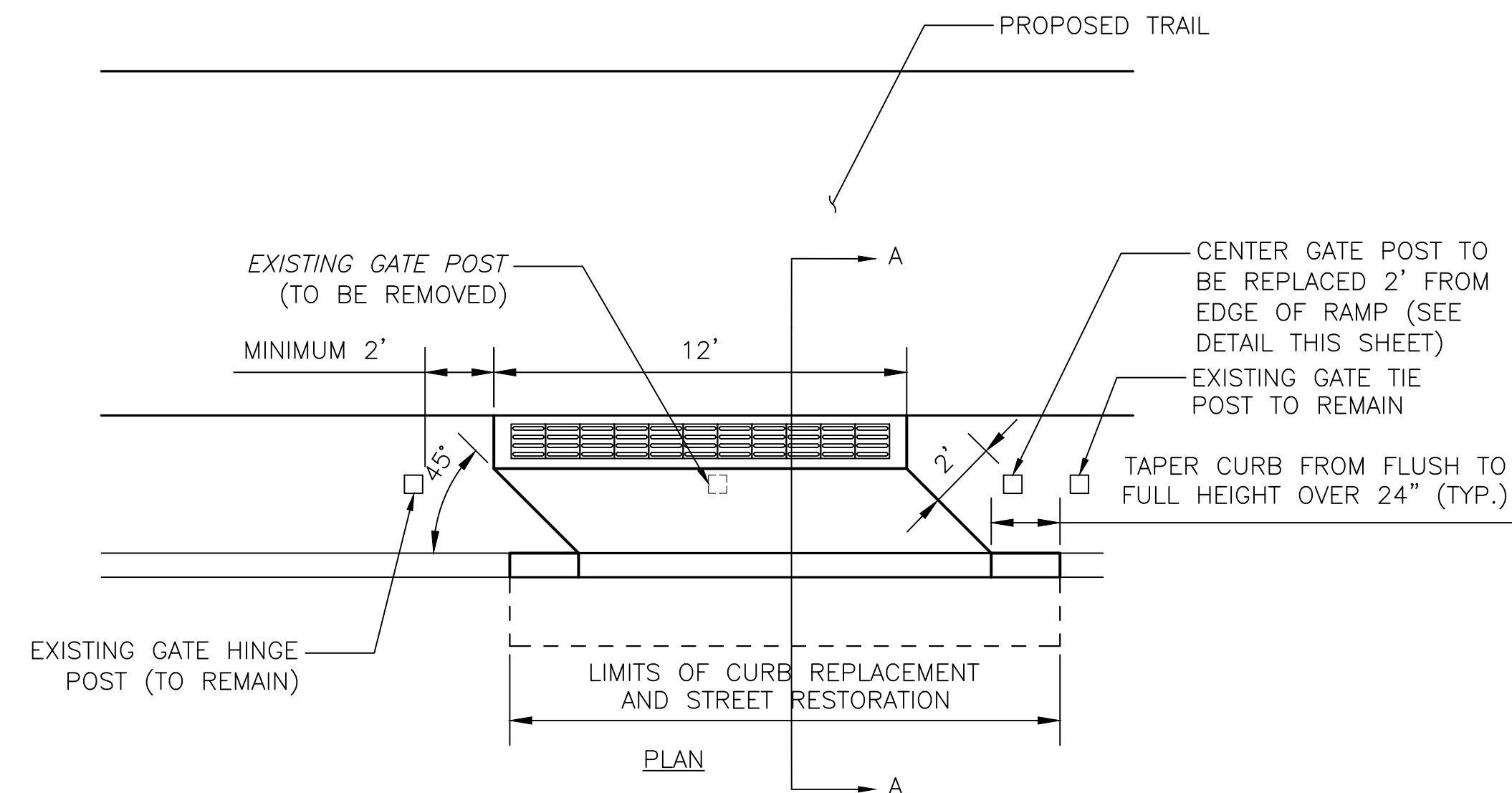
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3

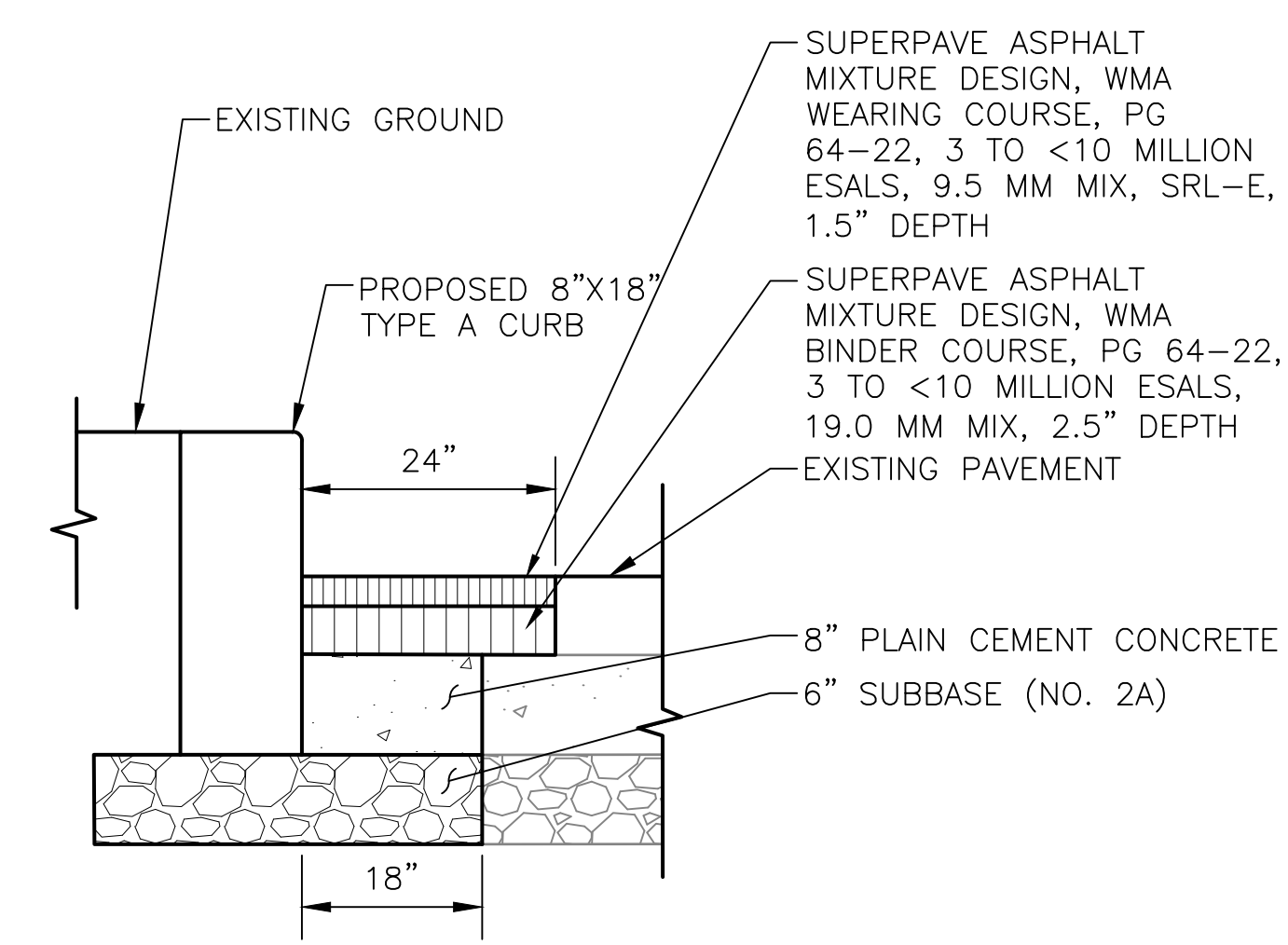
ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



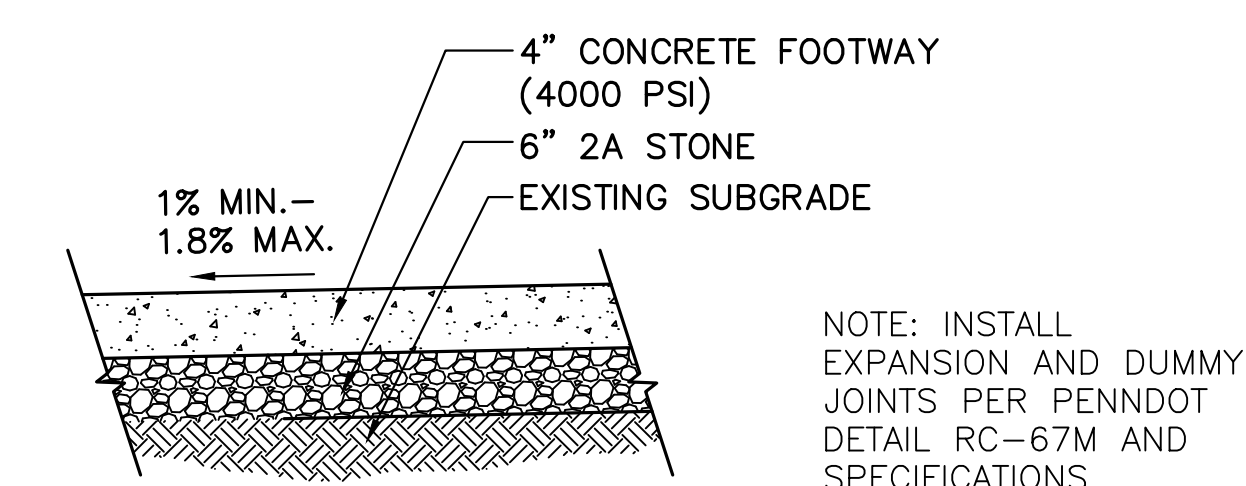
CENTER GATE POST REPLACEMENT
NOT TO SCALE



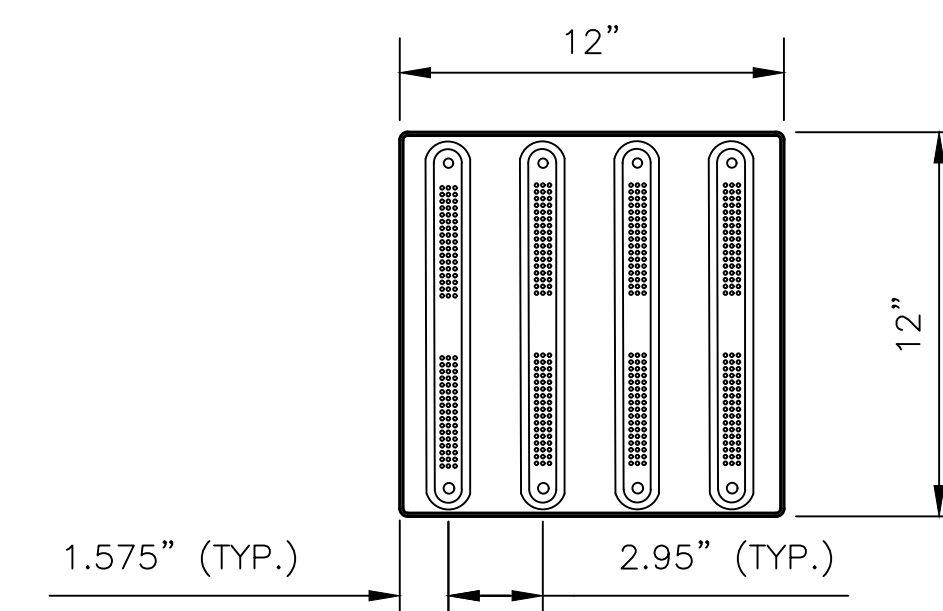
BICYCLE RAMPS
NOT TO SCALE



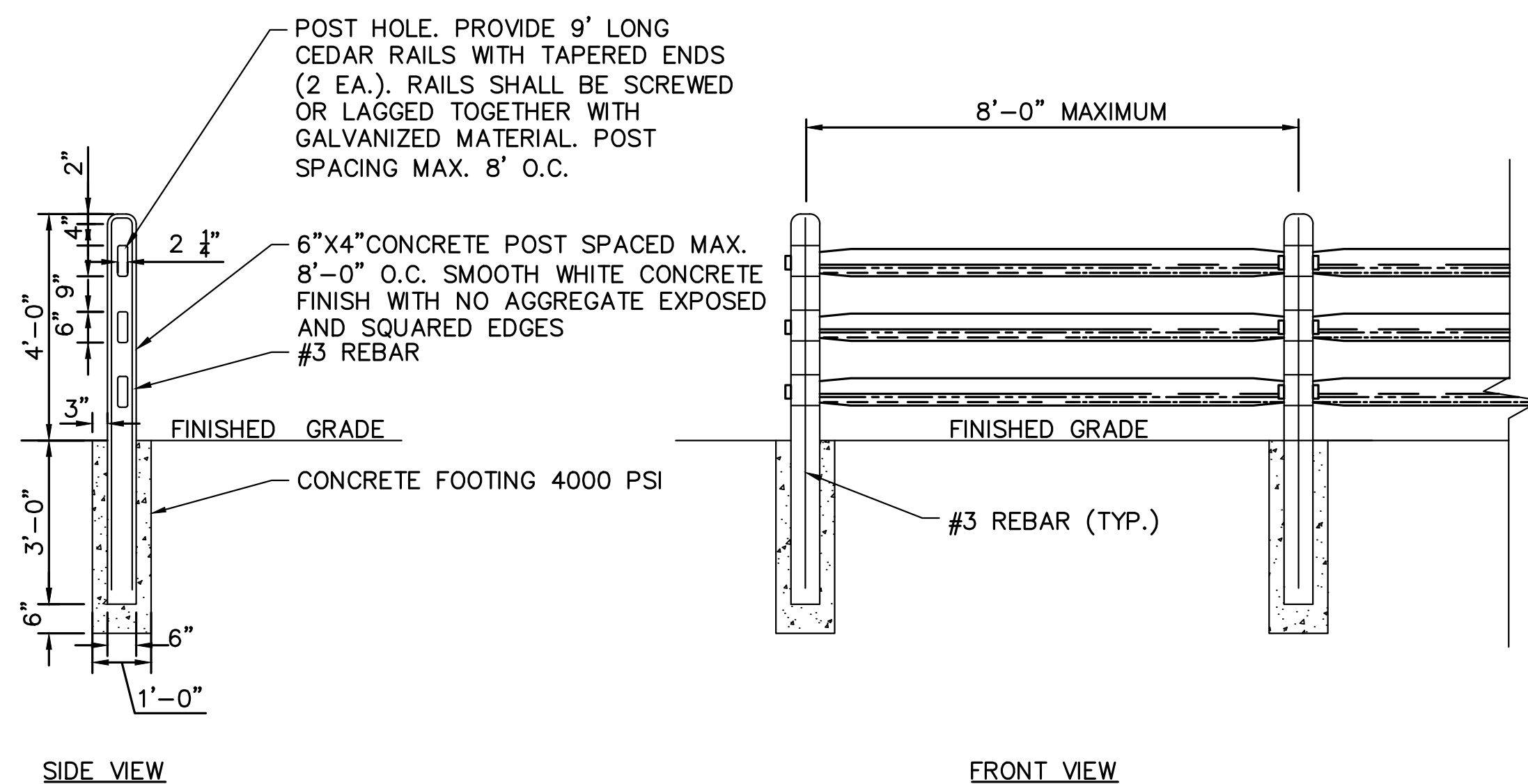
CURB & ROADWAY RESTORATION
NOT TO SCALE



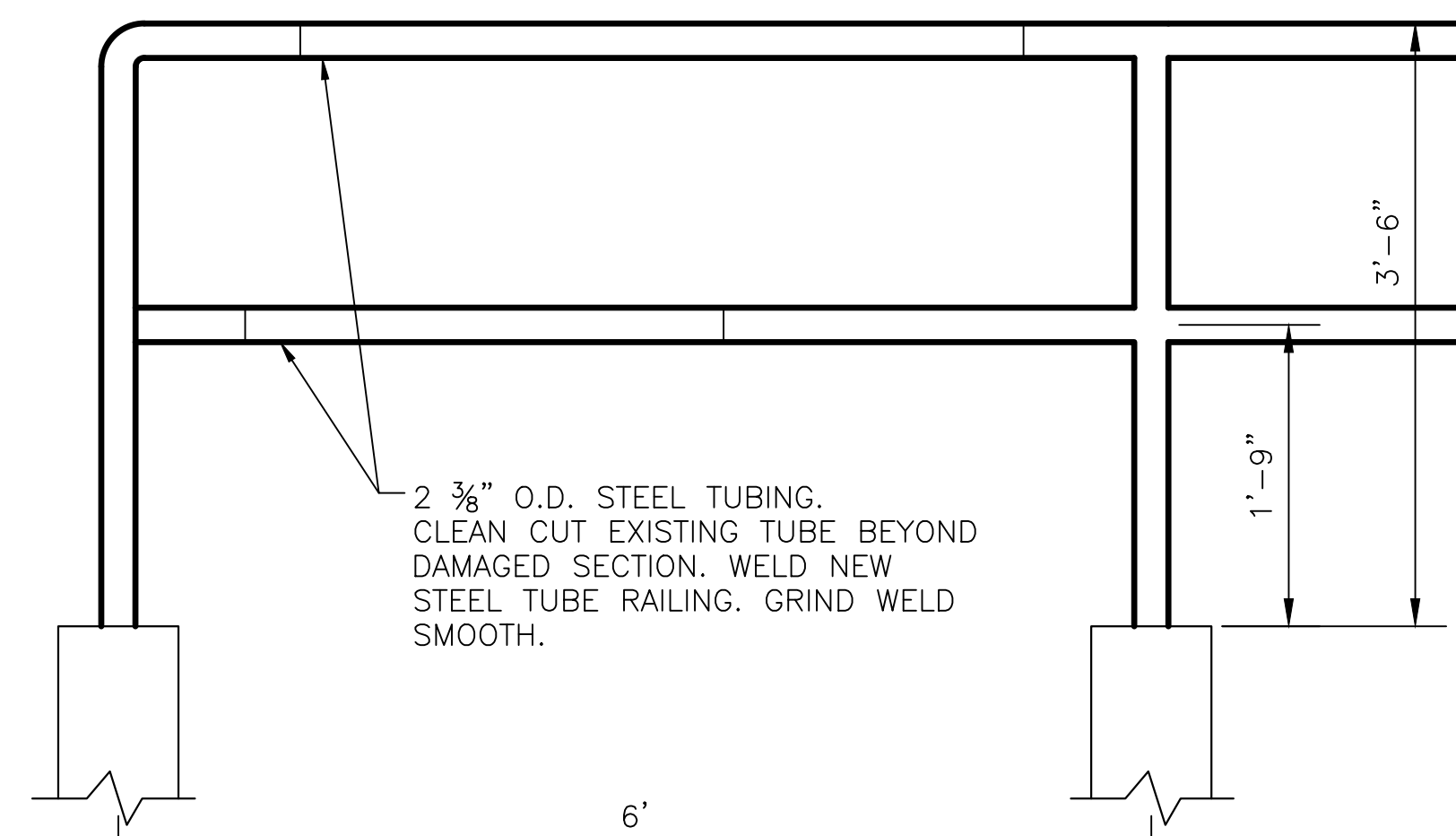
SIDEWALK PAVING
NOT TO SCALE



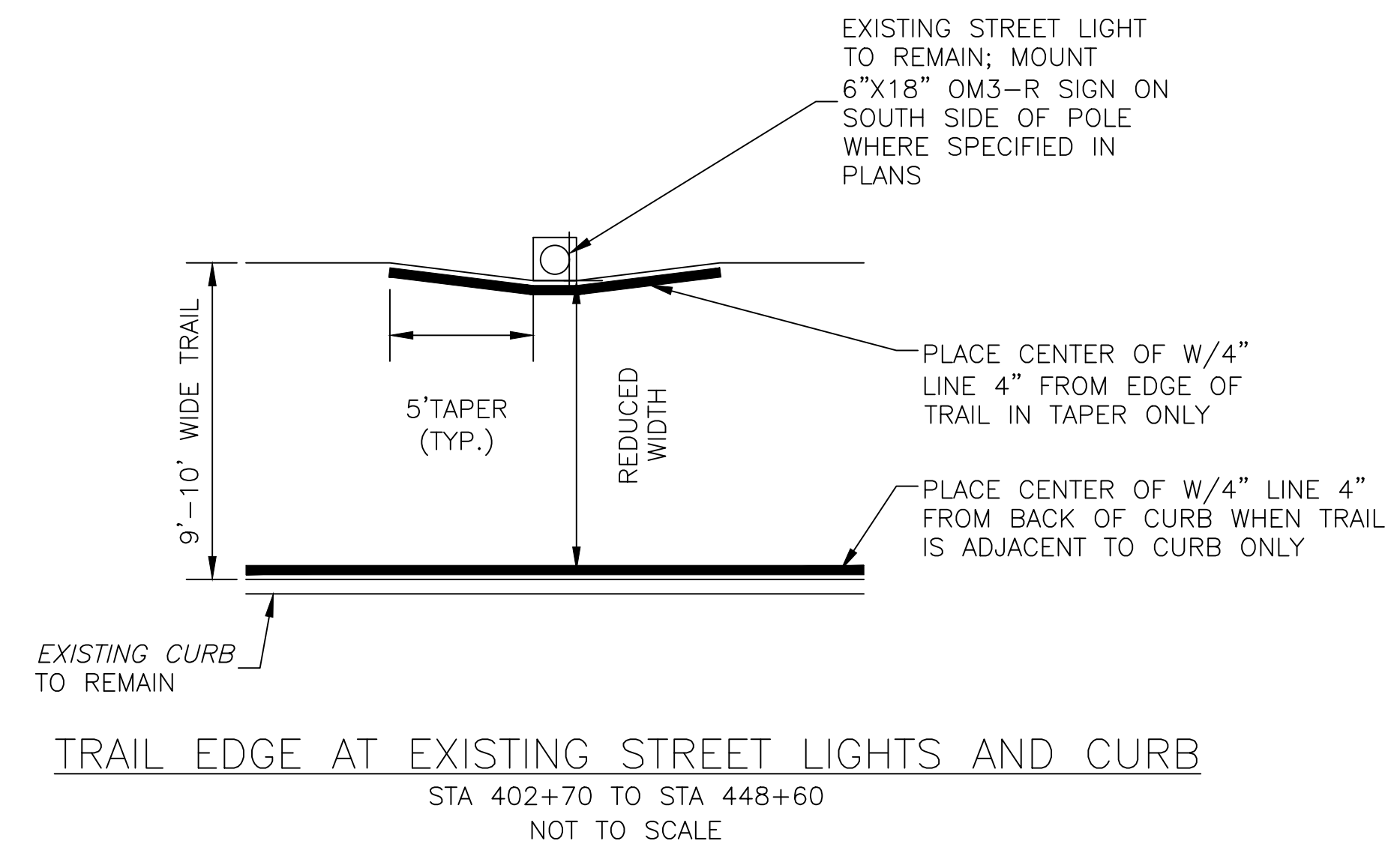
12" WIDE YELLOW POLYMER DIRECTIONAL INDICATOR TILE
NOT TO SCALE



SPLIT RAIL FENCE
NOT TO SCALE



STEEL RAILING REPAIR
NOT TO SCALE



TRAIL EDGE AT EXISTING STREET LIGHTS AND CURB
NOT TO SCALE

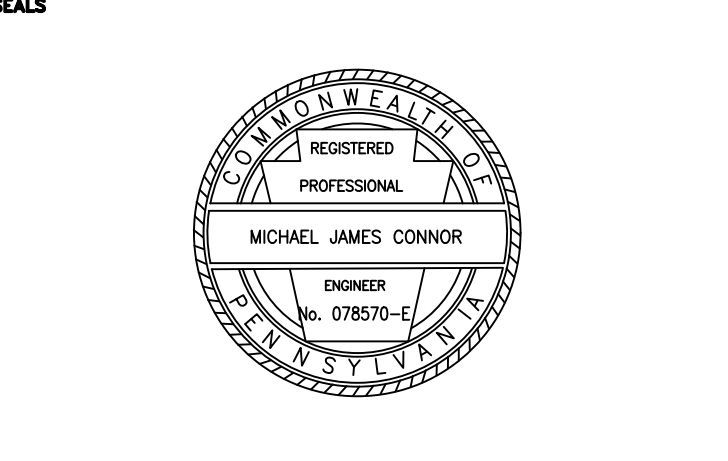
REVISIONS		
ISSUE	DATE	REVISIONS

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CONSTRUCTION



CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.
Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NIV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NIV5.COM

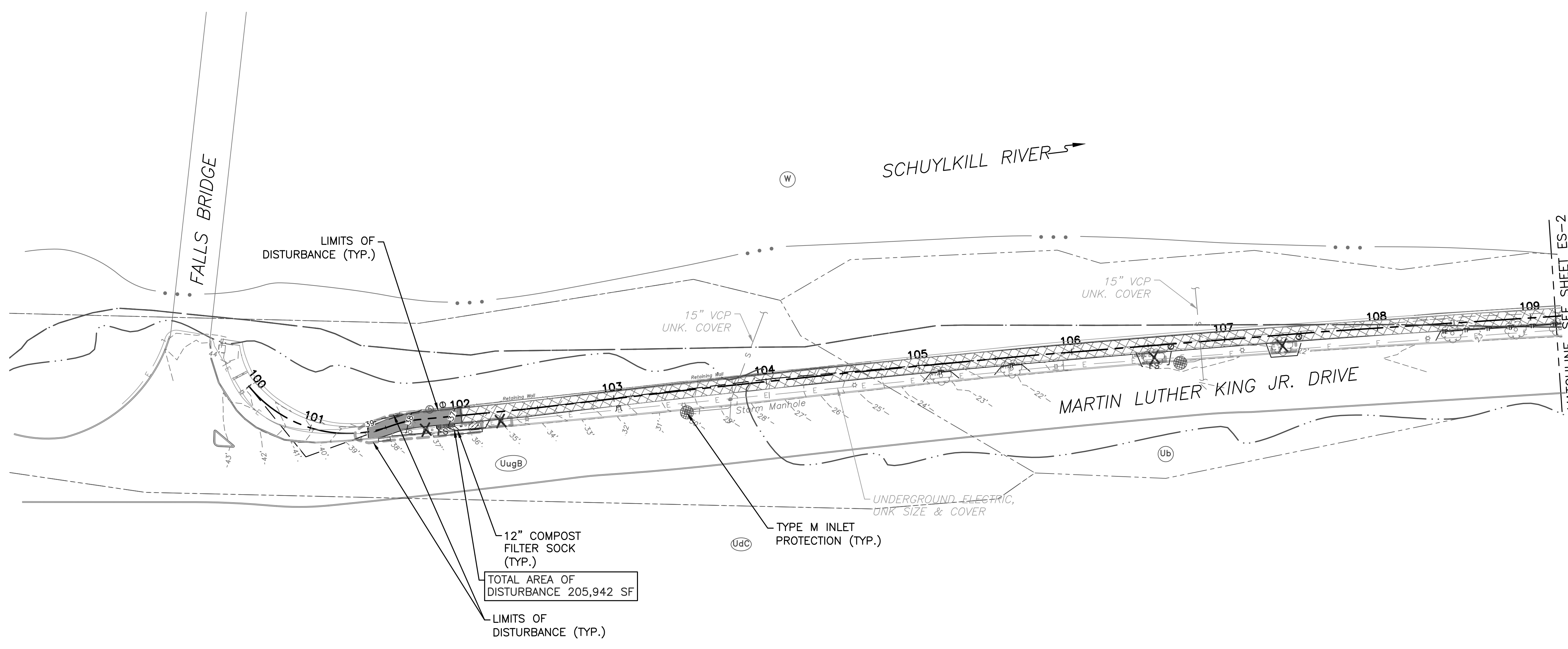
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION
WEST FAIRMOUNT PARK

DRAWING TITLE
DETAILS
SHEET 1 OF 3

PROJECT NO. 17-17-4872-01	DRAWING NO. 6
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

ALL DIMENSIONS AND CONDITIONS SHALL BE CONFIRMED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

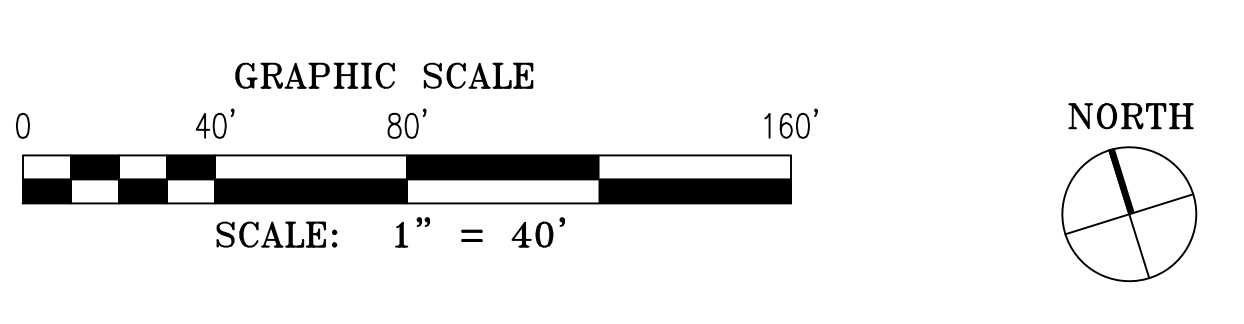


- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - LIMITS OF DISTURBANCE
 - 100 YEAR FLOODPLAIN
 - INLET FILTER BAG FOR TYPE M INLET (ITEM NO. 0860-0000)
 - COMPOST FILTER SOCK
 - FILTER SOCK NUMBER
 - EXISTING CONTOUR ELEVATION
 - PROPOSED CONTOUR ELEVATION
 - SOIL BOUNDARY
 - SOIL TYPE - URBAN LAND
 - SOIL TYPE - URBAN LAND- CHESTER COMPLEX (8-15 PERCENT SLOPE)
 - SOIL TYPE - UDORTMENTS, SCHIST, AND GNEISS COMPLEX (0-8 PERCENT SLOPE)
 - SOIL TYPE - MANOR LOAM (15-25 PERCENT SLOPE)
 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE

12" COMPOST FILTER SOCK (TYP.)

TOTAL AREA OF DISTURBANCE 205,942 SF

LIMITS OF DISTURBANCE (TYP.)



REVISIONS		
ISSUE	DATE	REVISIONS

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NOT FOR
CONSTRUCTION

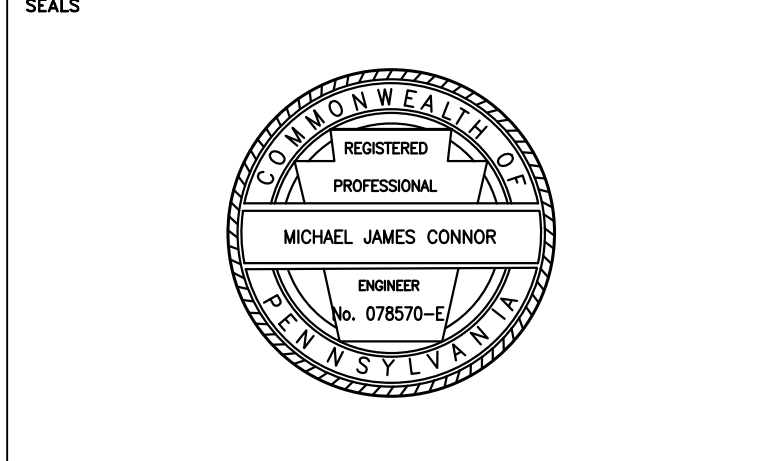


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
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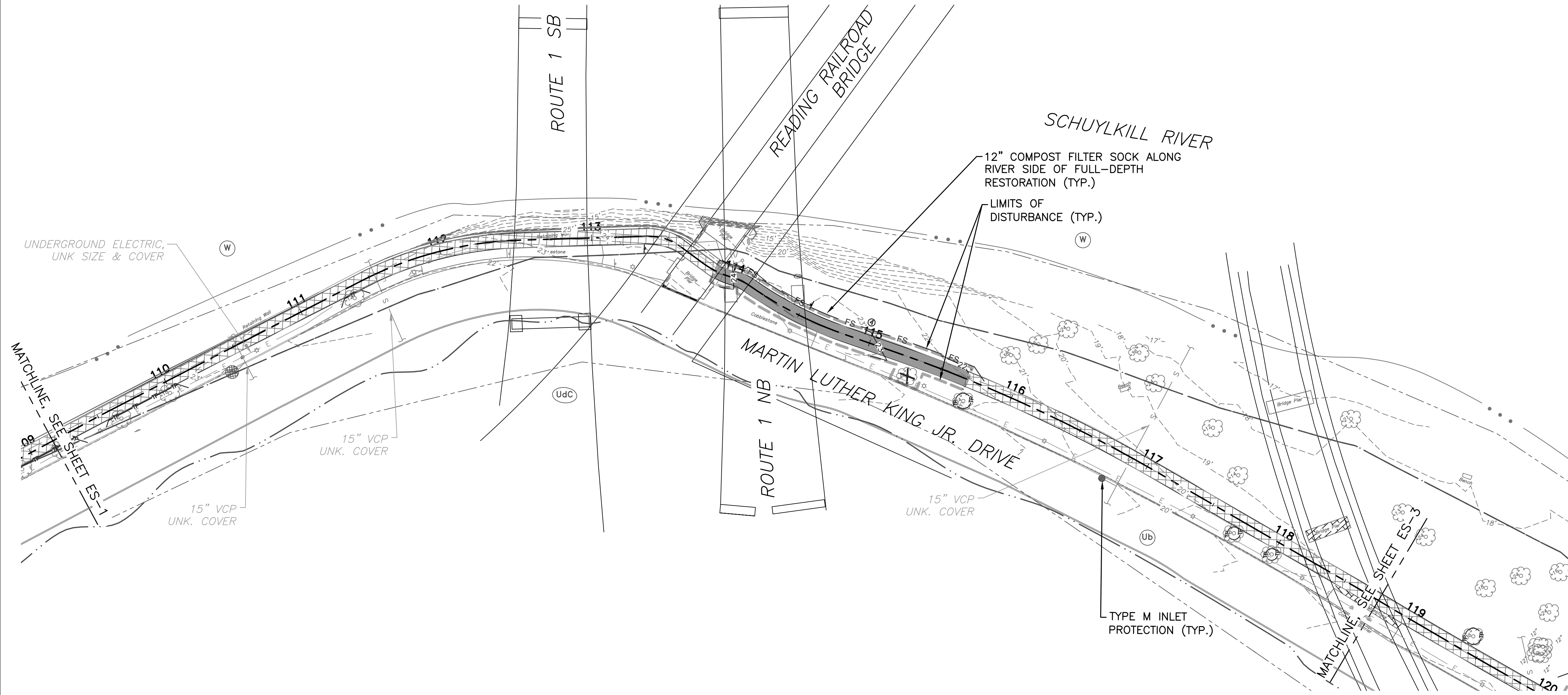
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-1
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - LIMITS OF DISTURBANCE
 - 100 YEAR FLOODPLAIN
 - INLET FILTER BAG FOR TYPE M INLET (ITEM NO. 0860-0000)
 - FS COMPOST FILTER SOCK
 - FILTER SOCK NUMBER
 - 4 --- EXISTING CONTOUR ELEVATION
 - 4 --- PROPOSED CONTOUR ELEVATION
 - SOIL BOUNDARY
 - SOIL TYPE - URBAN LAND
 - SOIL TYPE - URBAN LAND- CHESTER COMPLEX (8-15 PERCENT SLOPE)
 - SOIL TYPE - UDORTHERTS, SCHIST, AND GNEISS COMPLEX (0-8 PERCENT SLOPE)
 - SOIL TYPE - MANOR LOAM (15-25 PERCENT SLOPE)
 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TP TREE PROTECTION FENCE

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
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CONSTRUCTION

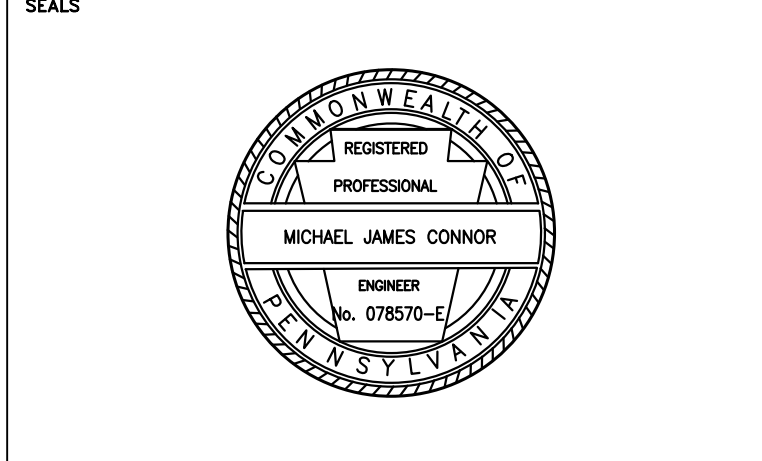


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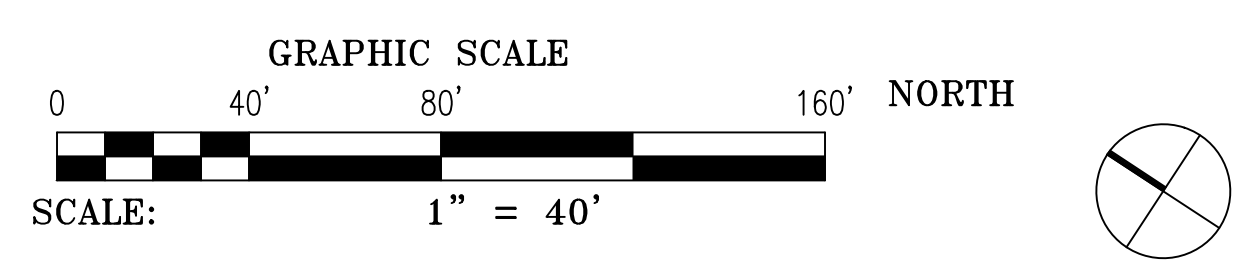
NV5 1315 WALNUT STREET, SUITE 900
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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
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PHILADELPHIA PENNSYLVANIA

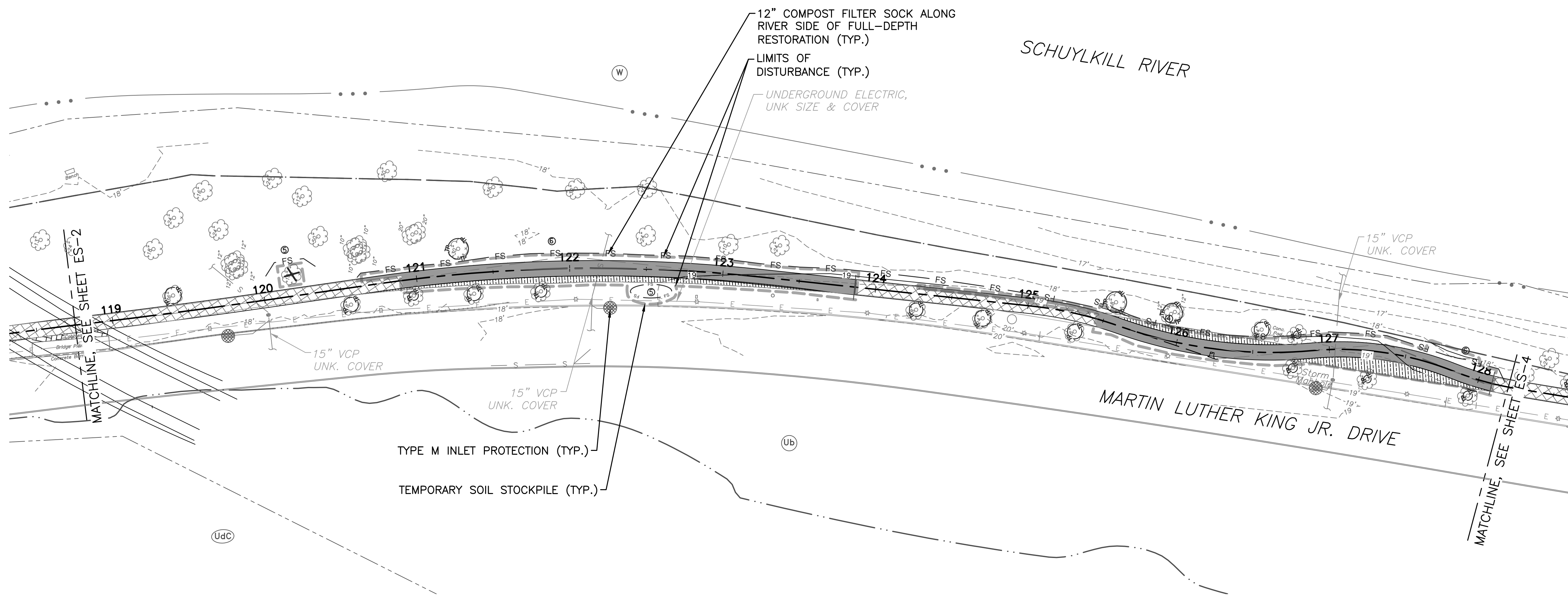
PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
**EROSION & SEDIMENT
CONTROL PLAN**

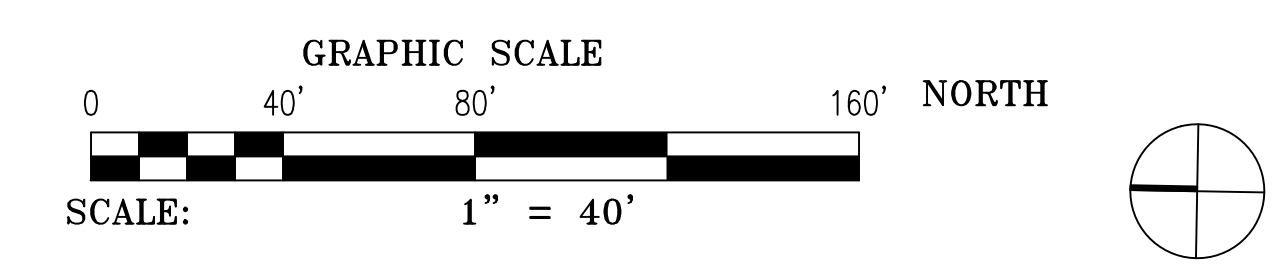
PROJECT NO. 17-17-4872-01	DRAWING NO. ES-2
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML



NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - LIMITS OF DISTURBANCE
 - 100 YEAR FLOODPLAIN
 - INLET FILTER BAG FOR TYPE M INLET (ITEM NO. 0860-0000)
 - FS COMPOST FILTER SOCK
 - FILTER SOCK NUMBER
 - 4 EXISTING CONTOUR ELEVATION
 - 4 PROPOSED CONTOUR ELEVATION
 - SOIL BOUNDARY
 - SOIL TYPE - URBAN LAND
 - SOIL TYPE - URBAN LAND- CHESTER COMPLEX (8-15 PERCENT SLOPE)
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 - SOIL TYPE - MANOR LOAM (15-25 PERCENT SLOPE)
 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE



REVISIONS		
ISSUE	DATE	REVISIONS

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NOT FOR
CONSTRUCTION

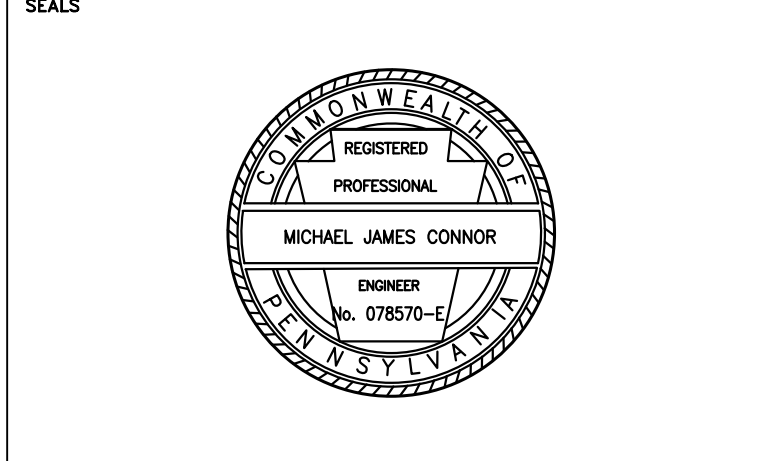


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

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1-800-242-1776

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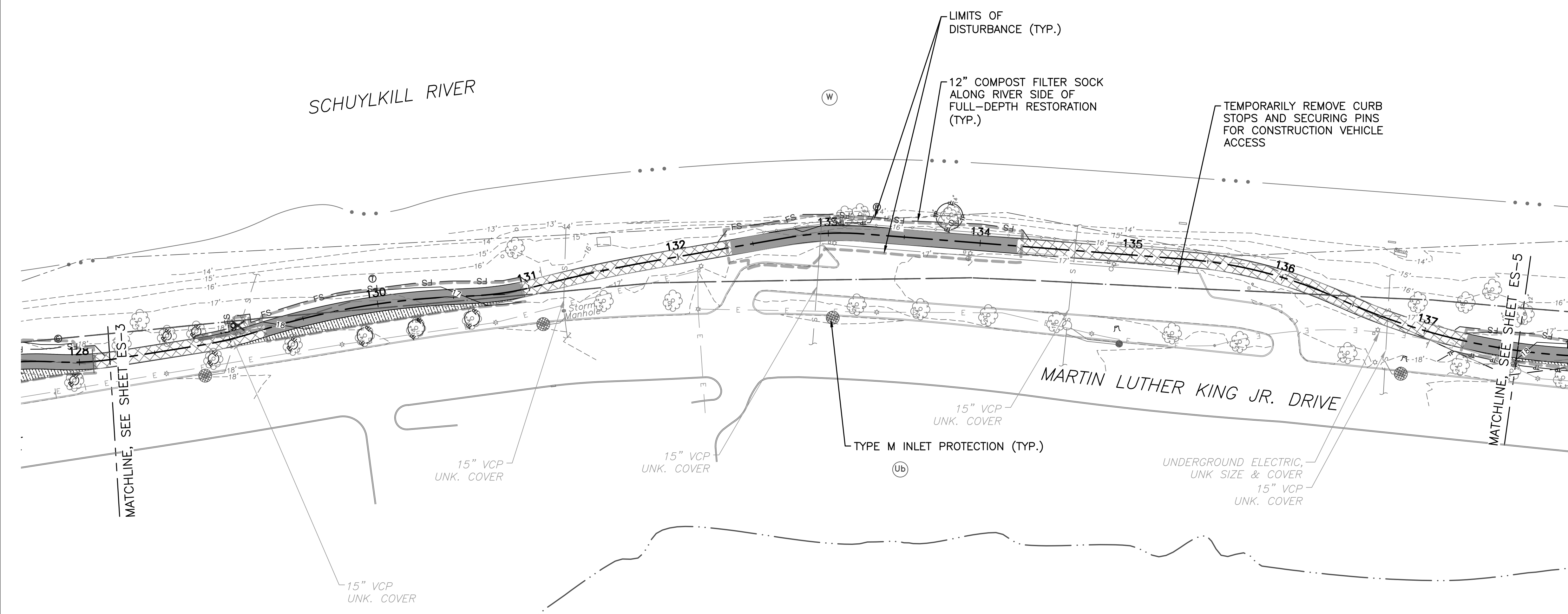
CITY OF PHILADELPHIA
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11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
**EROSION & SEDIMENT
CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-3
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

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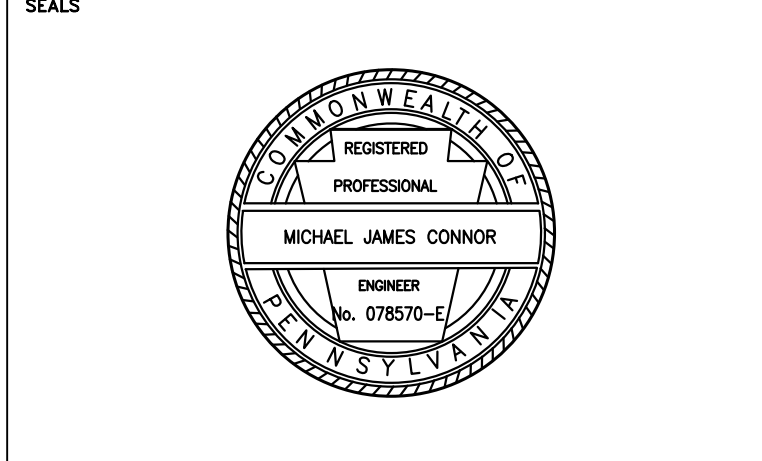


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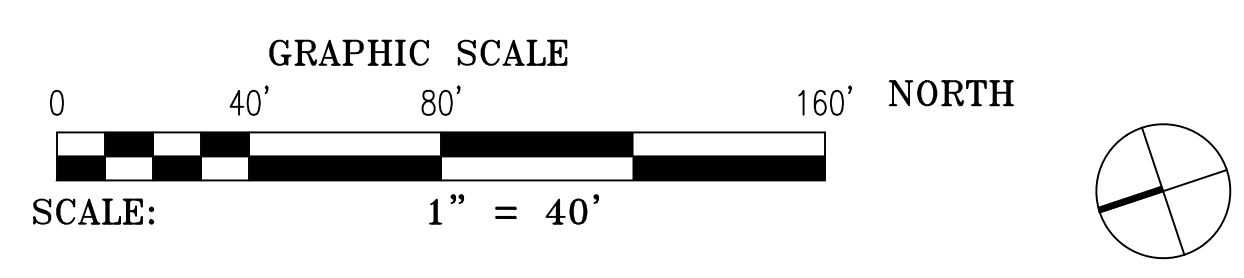
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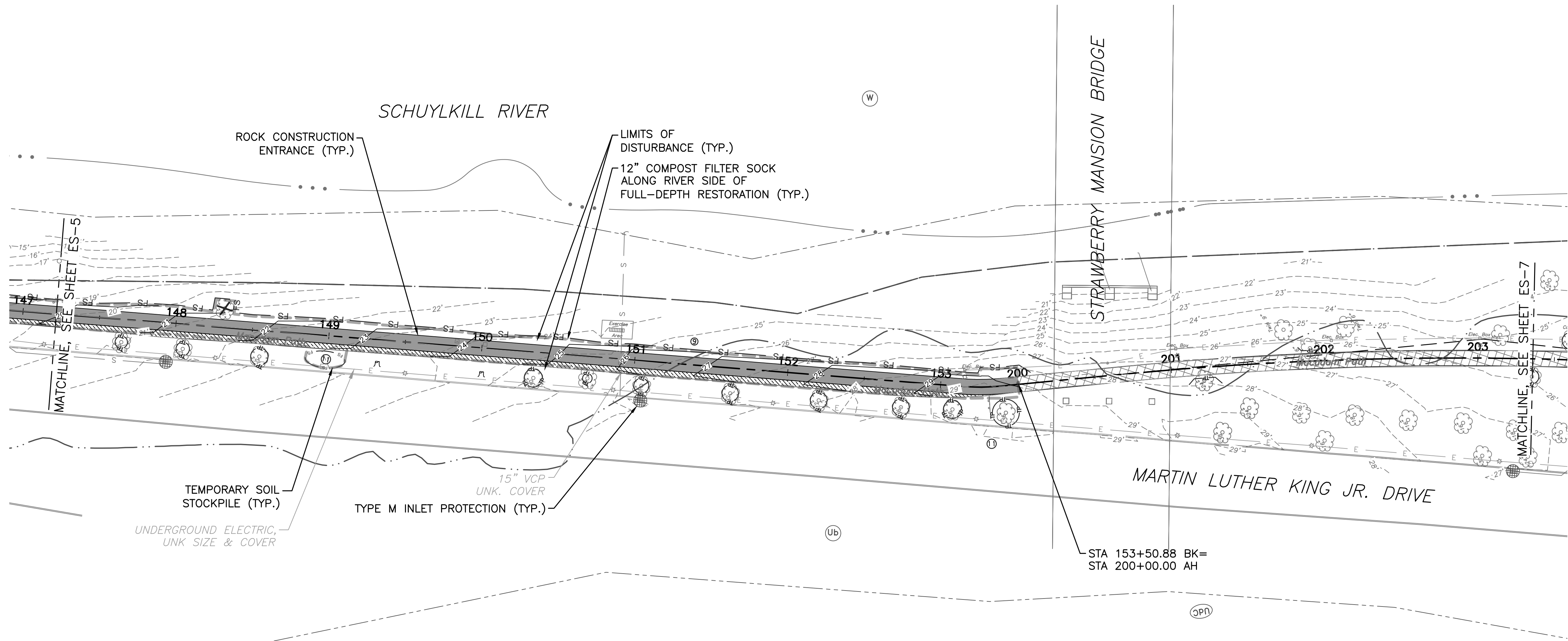
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 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE EROSION & SEDIMENT CONTROL PLAN	
PROJECT NO. 17-17-4872-01	DRAWING NO. ES-4
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.





- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - LIMITS OF DISTURBANCE
 - 100 YEAR FLOODPLAIN
 - INLET FILTER BAG FOR TYPE M INLET (ITEM NO. 0860-0000)
 - COMPOST FILTER SOCK
 - FILTER SOCK NUMBER
 - EXISTING CONTOUR ELEVATION
 - PROPOSED CONTOUR ELEVATION
 - SOIL BOUNDARY
 - SOIL TYPE - URBAN LAND
 - SOIL TYPE - URBAN LAND - CHESTER COMPLEX (8-15 PERCENT SLOPE)
 - SOIL TYPE - UDORTHERTS, SCHIST, AND GNEISS COMPLEX (0-8 PERCENT SLOPE)
 - SOIL TYPE - MANOR LOAM (15-25 PERCENT SLOPE)
 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
 NOT FOR
 CONSTRUCTION

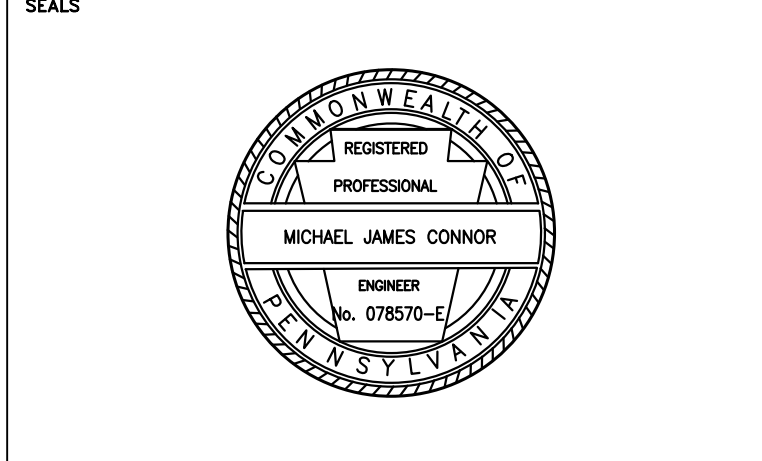


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



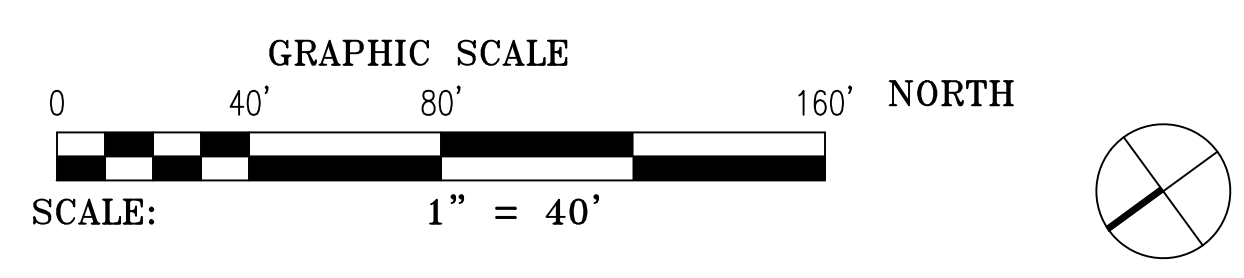
NV5 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

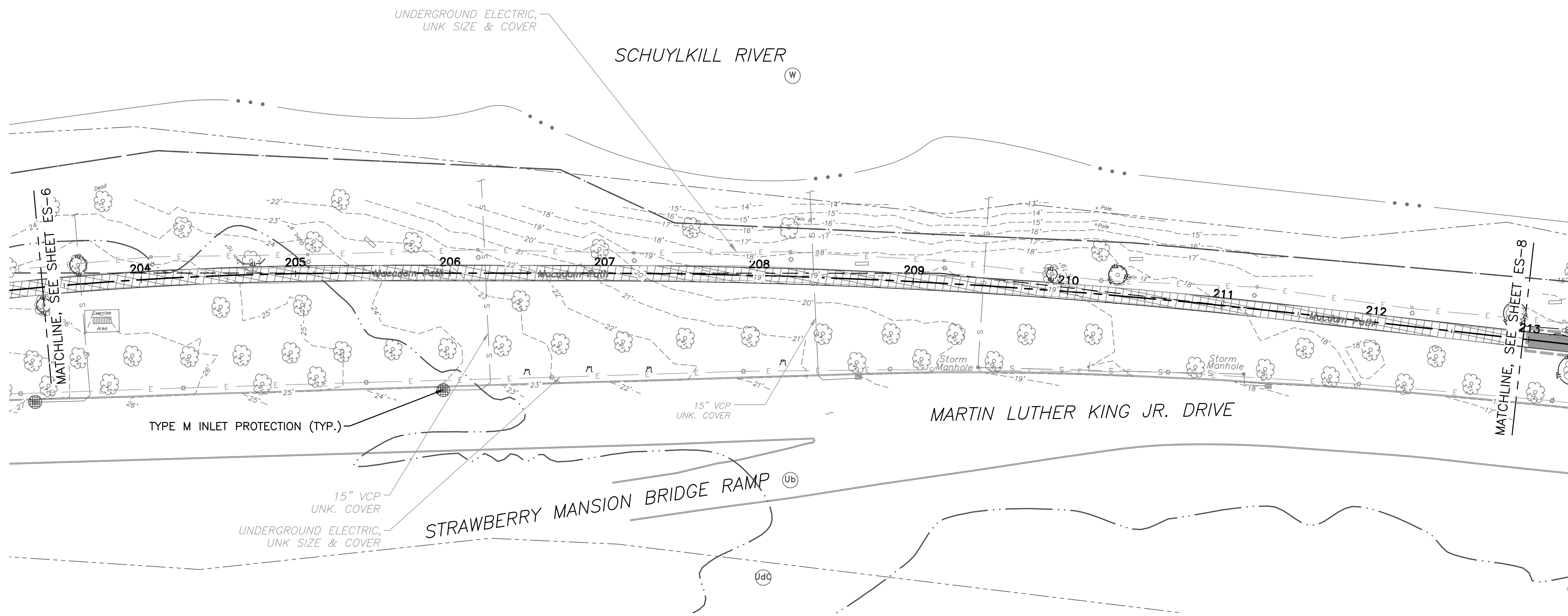
PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

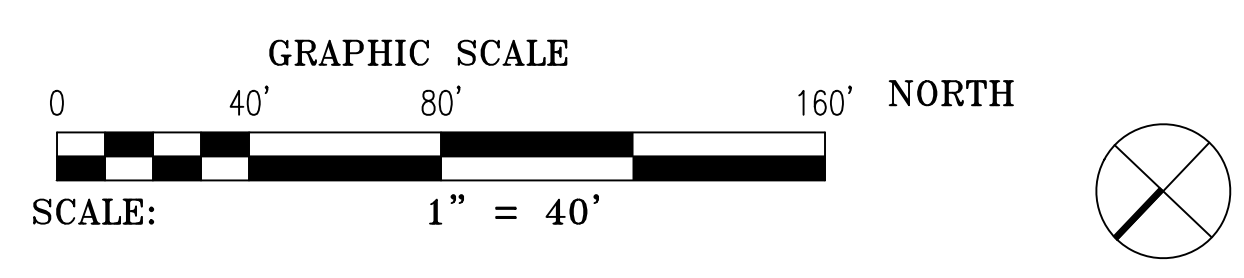
PROJECT NO. 17-17-4872-01	DRAWING NO. ES-6
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML



NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - LIMITS OF DISTURBANCE
 - 100 YEAR FLOODPLAIN
 - INLET FILTER BAG FOR TYPE M INLET (ITEM NO. 0860-0000)
 - COMPOST FILTER SOCK
 - FILTER SOCK NUMBER
 - EXISTING CONTOUR ELEVATION
 - PROPOSED CONTOUR ELEVATION
 - SOIL BOUNDARY
 - SOIL TYPE - URBAN LAND
 - SOIL TYPE - URBAN LAND- CHESTER COMPLEX (8-15 PERCENT SLOPE)
 - SOIL TYPE - UDORTHERENTS, SCHIST, AND GNEISS COMPLEX (0-8 PERCENT SLOPE)
 - SOIL TYPE - MANOR LOAM (15-25 PERCENT SLOPE)
 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE



REVISIONS		
ISSUE	DATE	REVISIONS

**BID SET
NOT FOR
CONSTRUCTION**

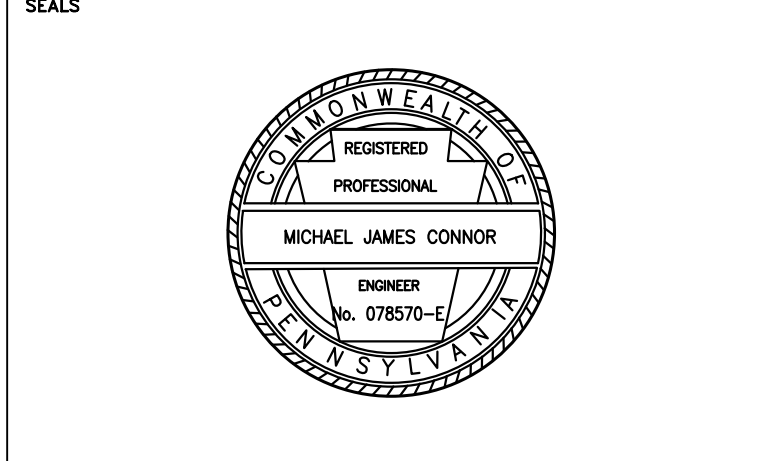


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



NV|5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

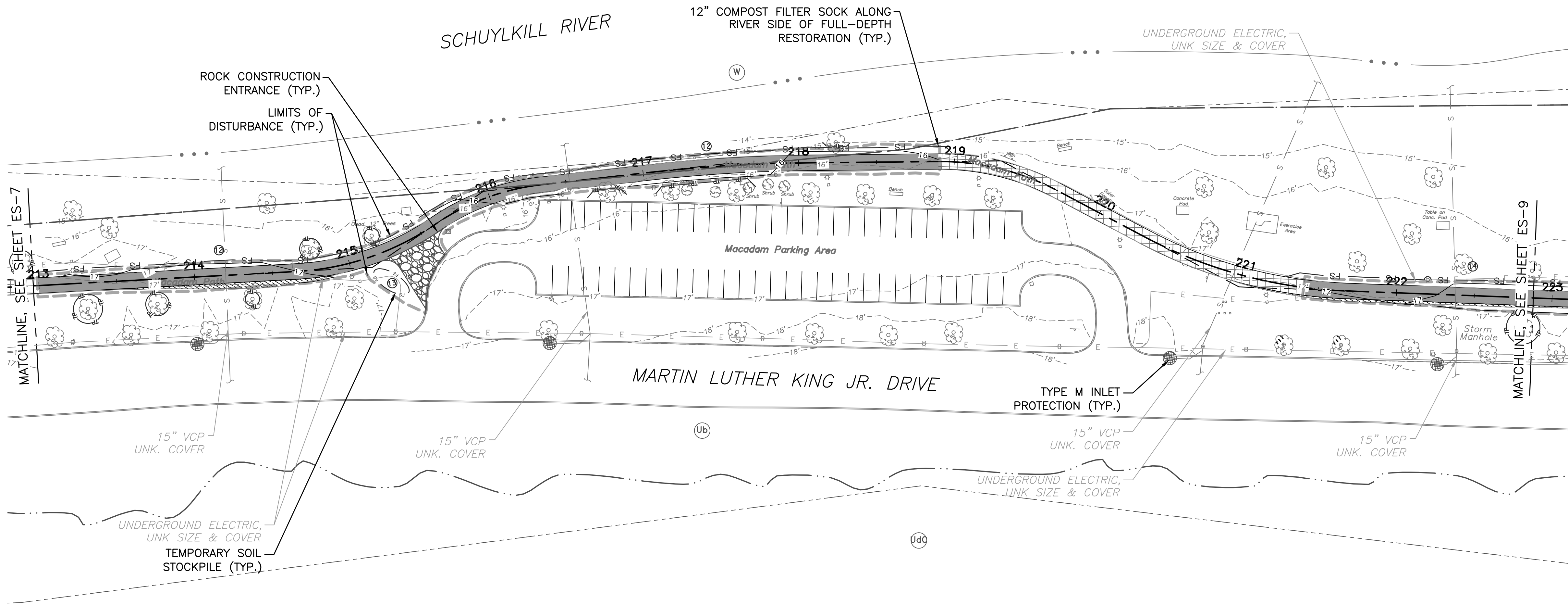
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

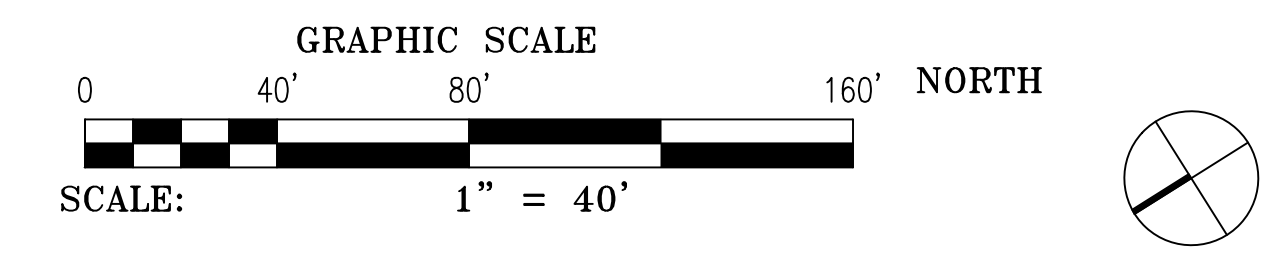
DRAWING TITLE
**EROSION & SEDIMENT
CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-7
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
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 - 100 YEAR FLOODPLAIN
 - INLET FILTER BAG FOR TYPE M INLET (ITEM NO. 0860-0000)
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 - SOIL TYPE - URBAN LAND- CHESTER COMPLEX (8-15 PERCENT SLOPE)
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 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE



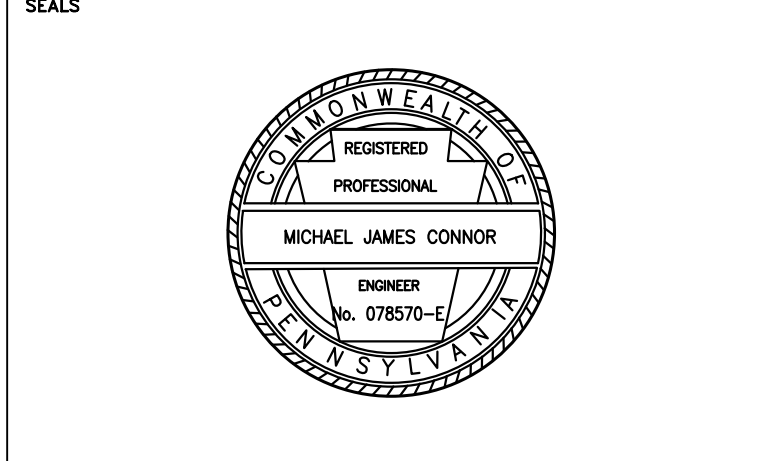
REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION



CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.
Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

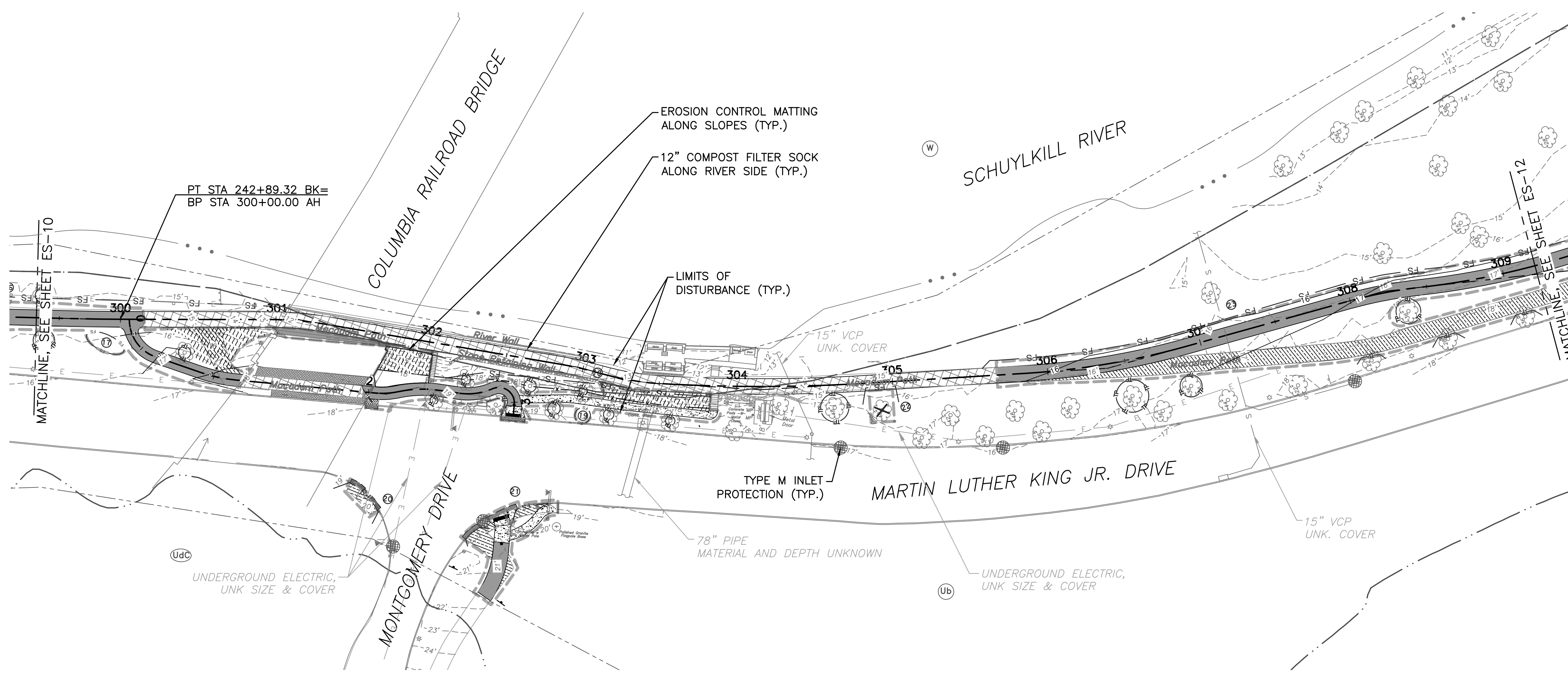
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-8
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
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 - 100 YEAR FLOODPLAIN
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 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
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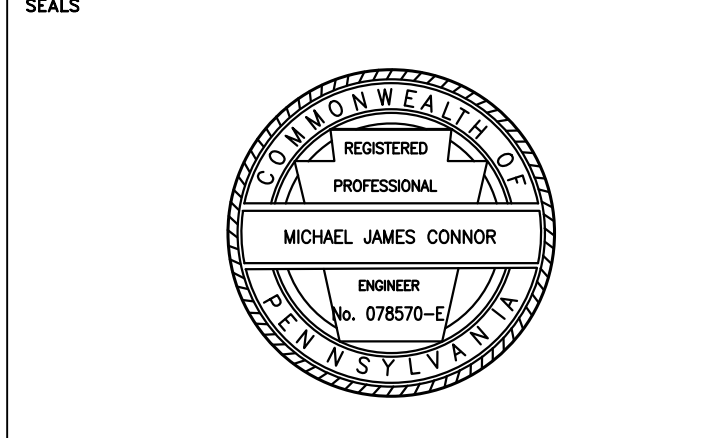


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1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



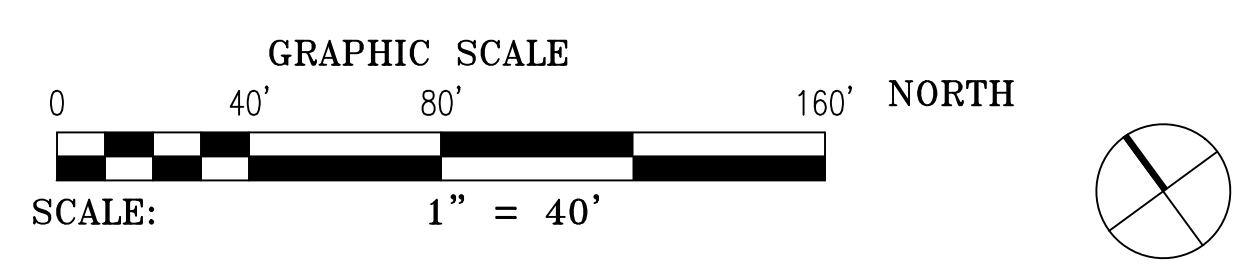
NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

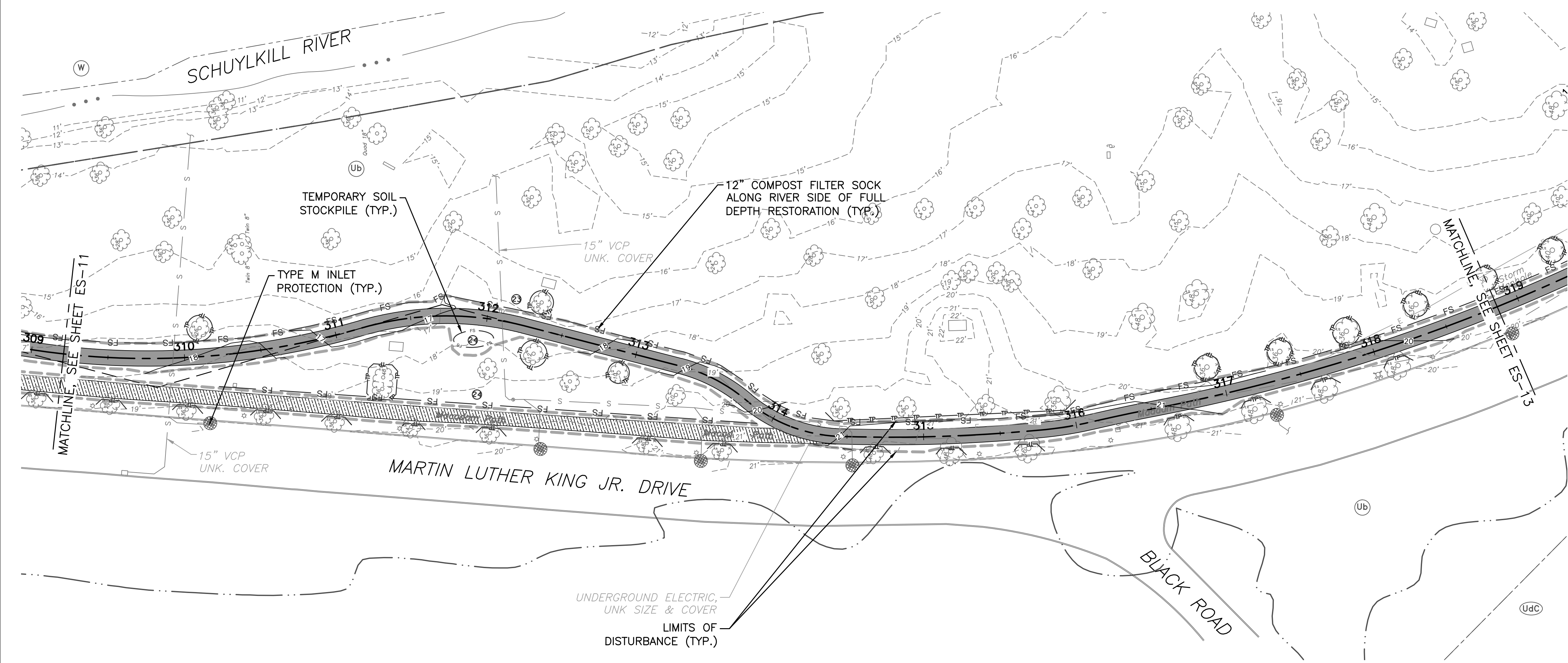
PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
**EROSION & SEDIMENT
CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-11
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML



NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
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 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
 NOT FOR
 CONSTRUCTION

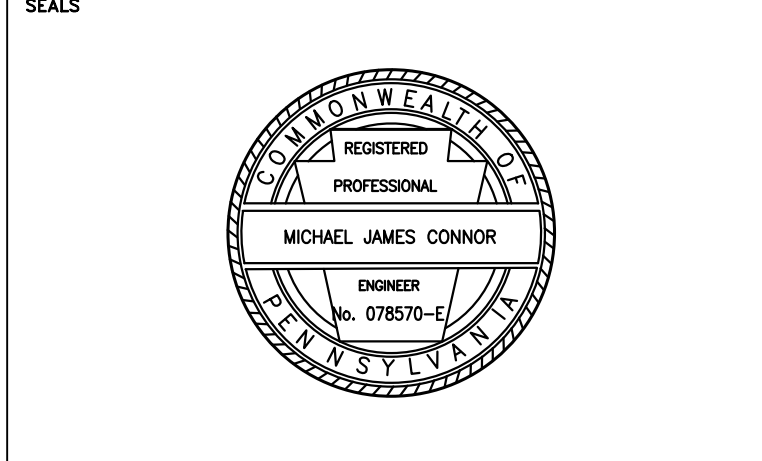


CALL BEFORE YOU DIG!

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Pennsylvania One Call System, Inc.
 1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

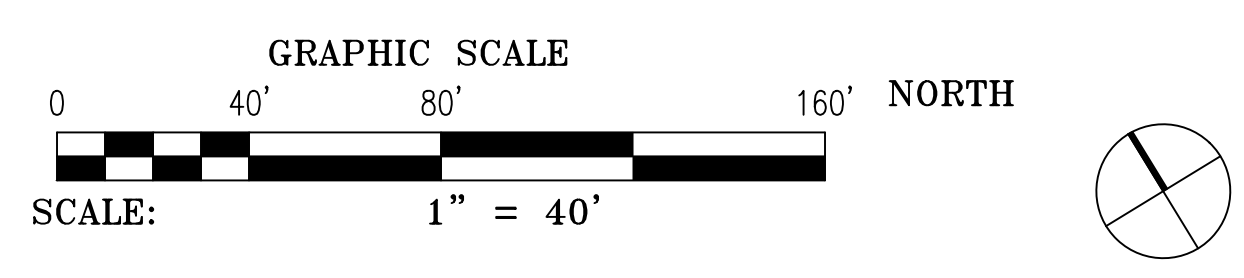
CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

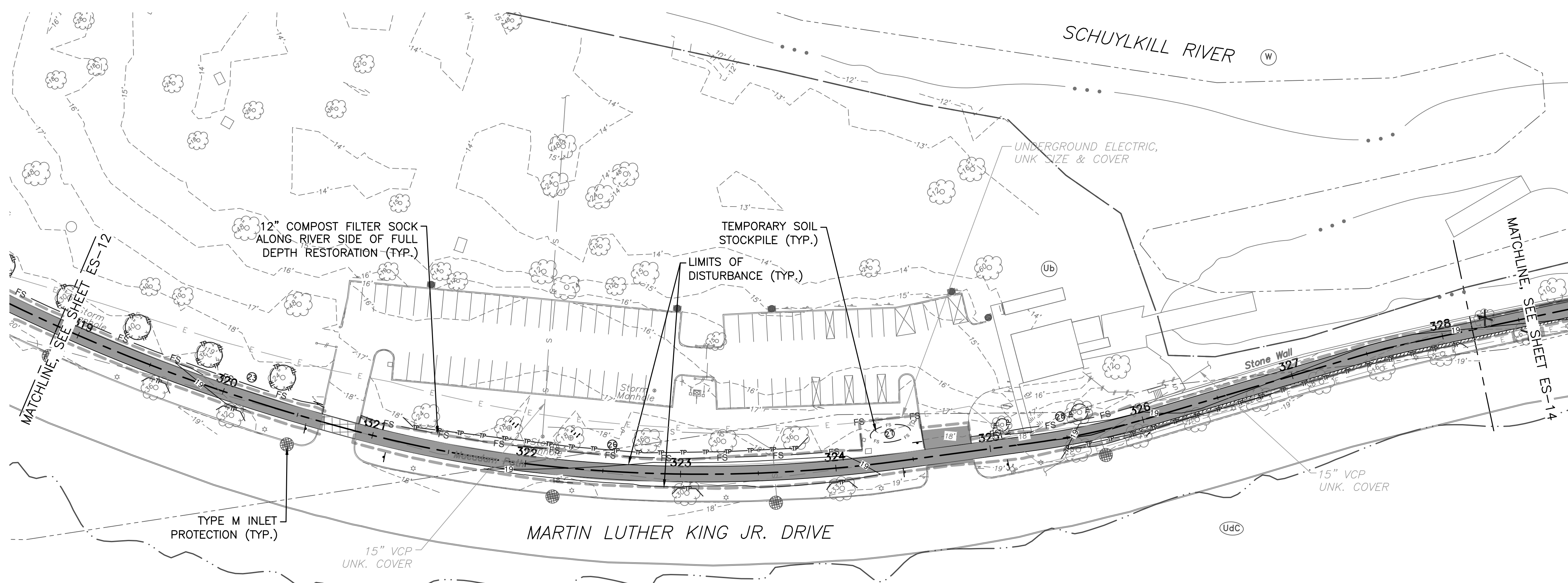
PROJECT TITLE
**MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK**

DRAWING TITLE
**EROSION & SEDIMENT
 CONTROL PLAN**

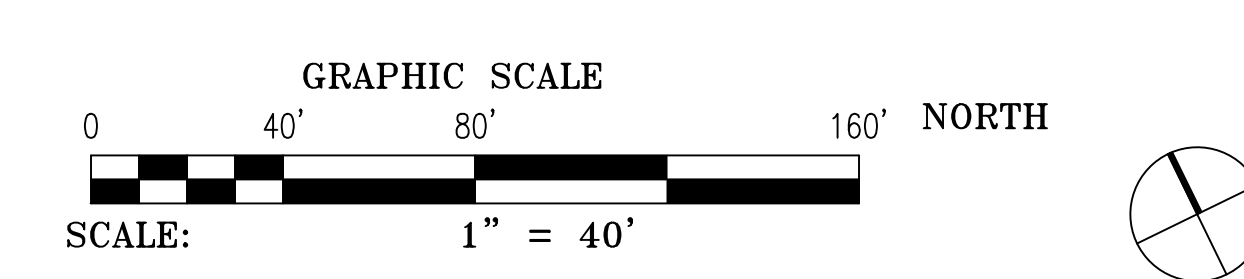
PROJECT NO. 17-17-4872-01	DRAWING NO. ES-12
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.





- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
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 - FILTER SOCK NUMBER
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 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE



REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

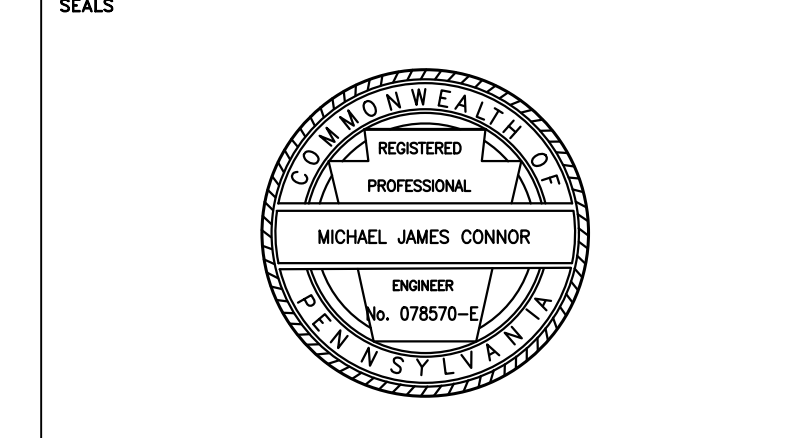


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

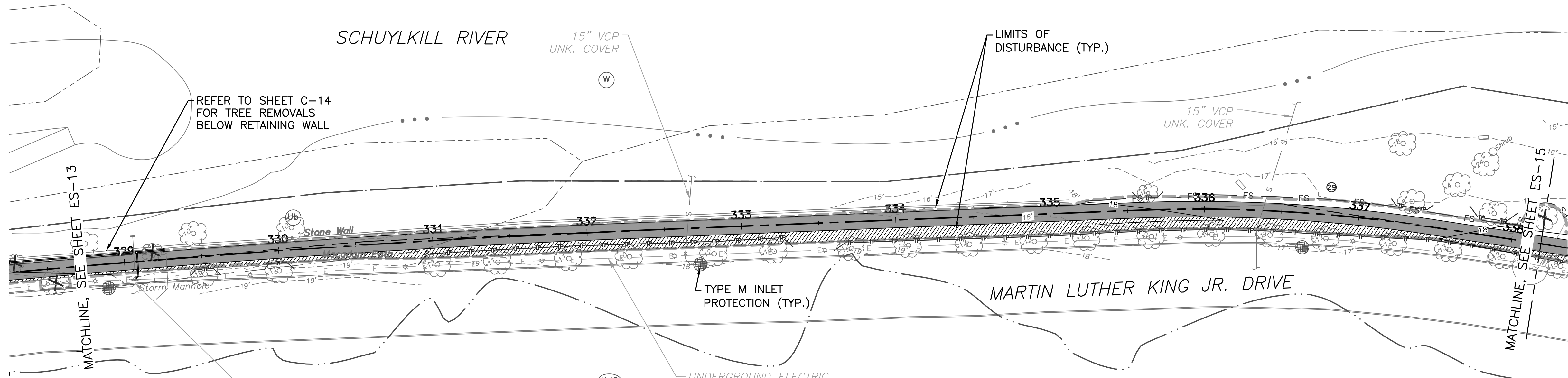
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

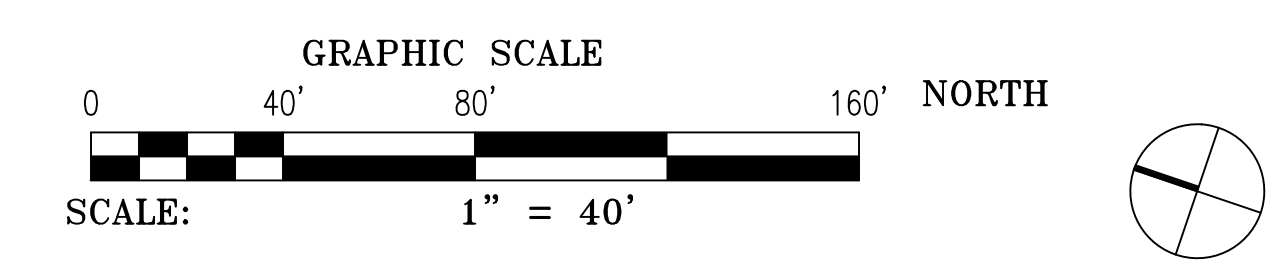
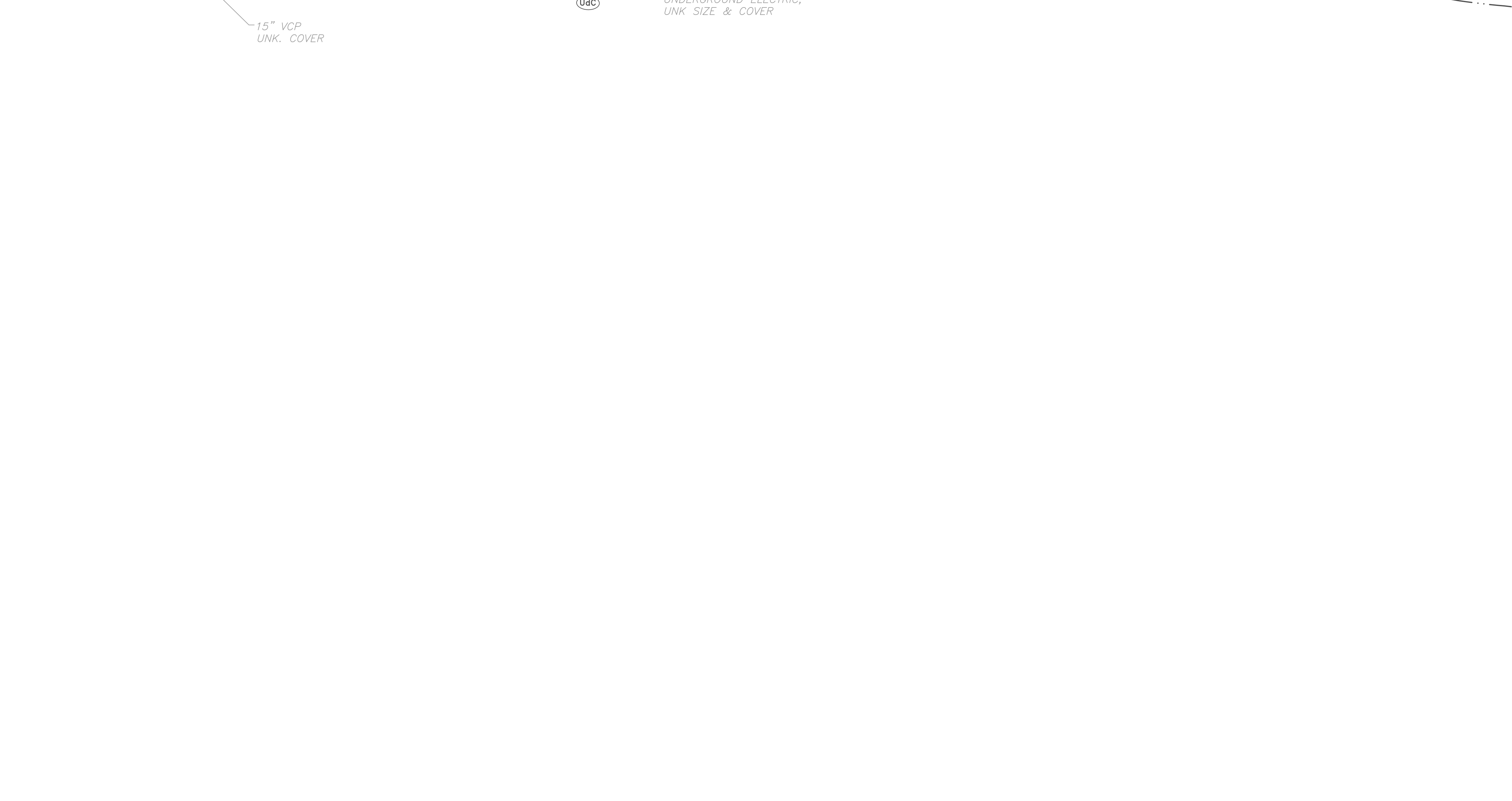
DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-13
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
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 - SOIL TYPE - URBAN LAND
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 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE



REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
 NOT FOR
 CONSTRUCTION

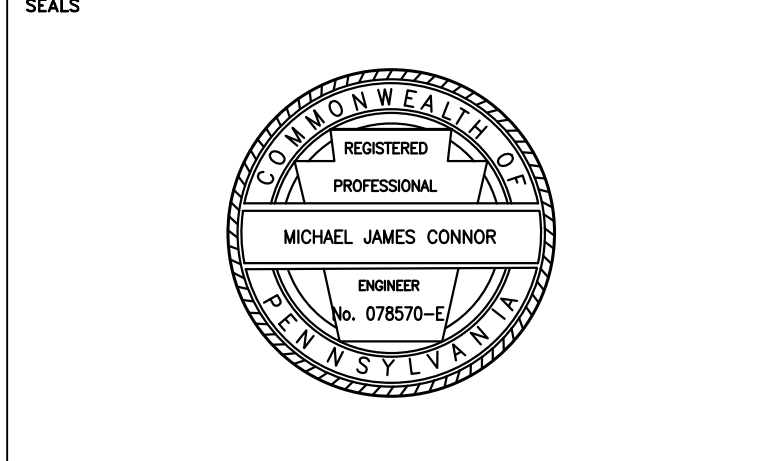


CALL BEFORE YOU DIG!

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Pennsylvania One Call System, Inc.
 1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

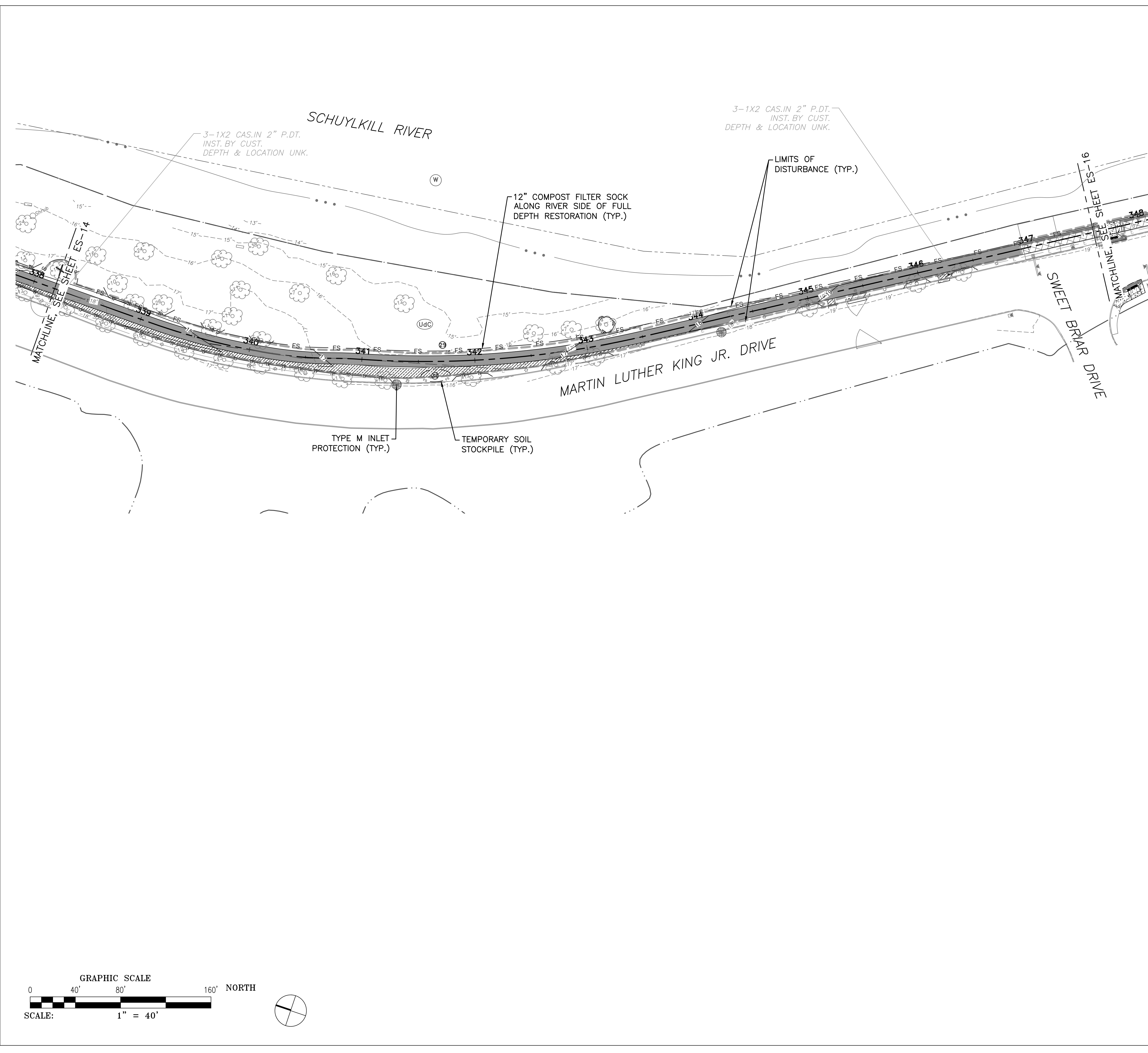
CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

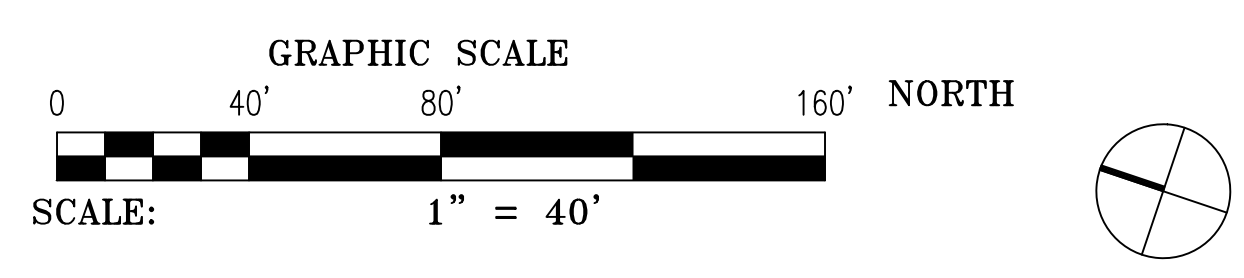
DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-14
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE CONFIRMED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
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REVISIONS		
ISSUE	DATE	REVISIONS

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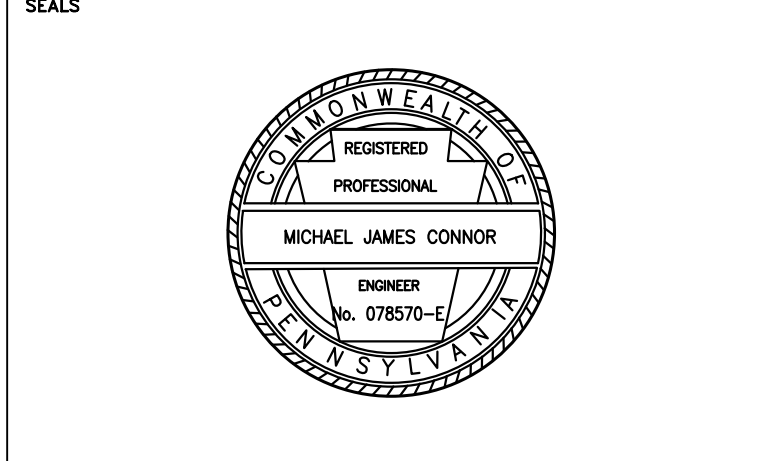


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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

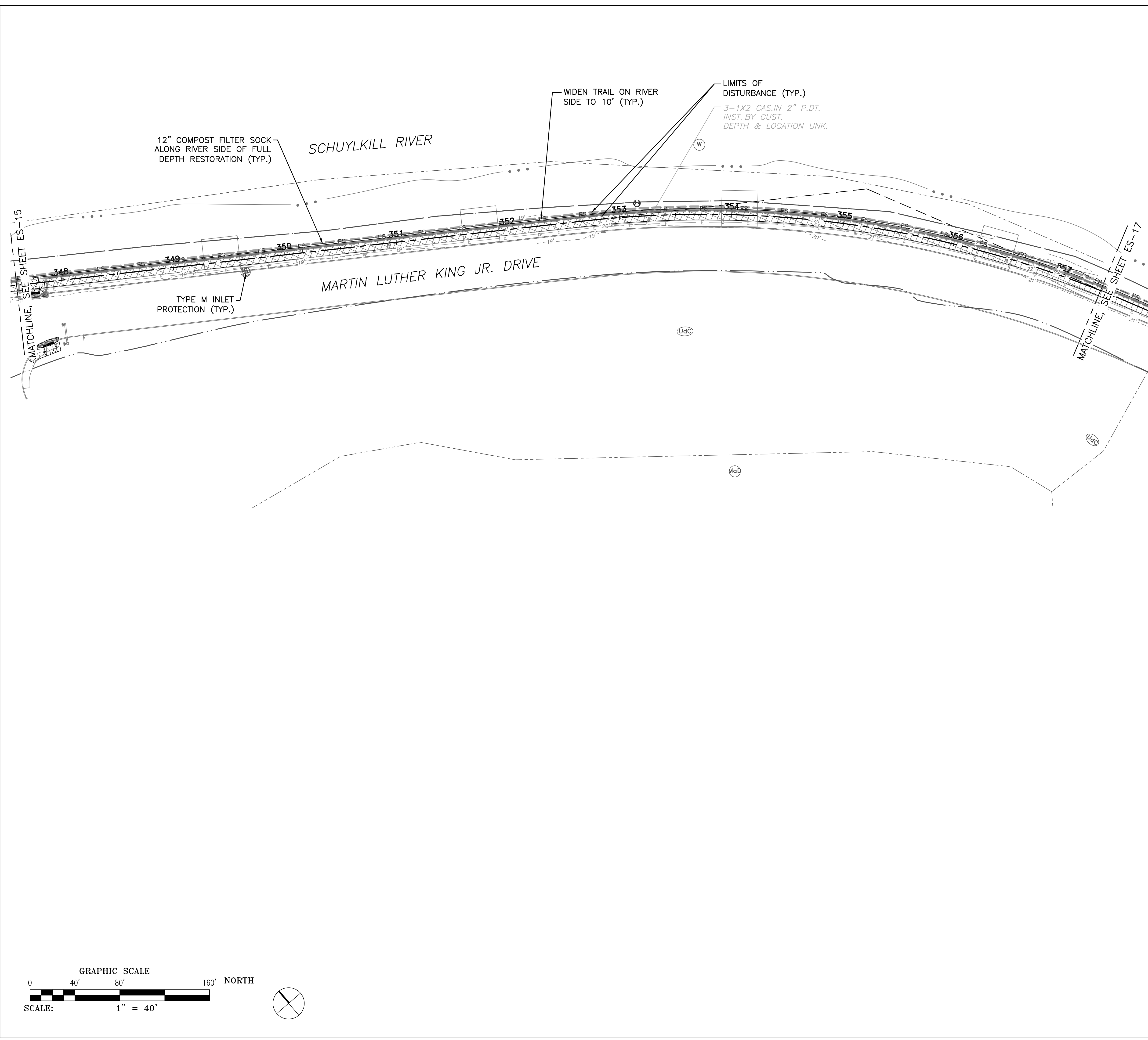
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-15
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
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REVISIONS		
ISSUE	DATE	REVISIONS

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 NOT FOR
 CONSTRUCTION

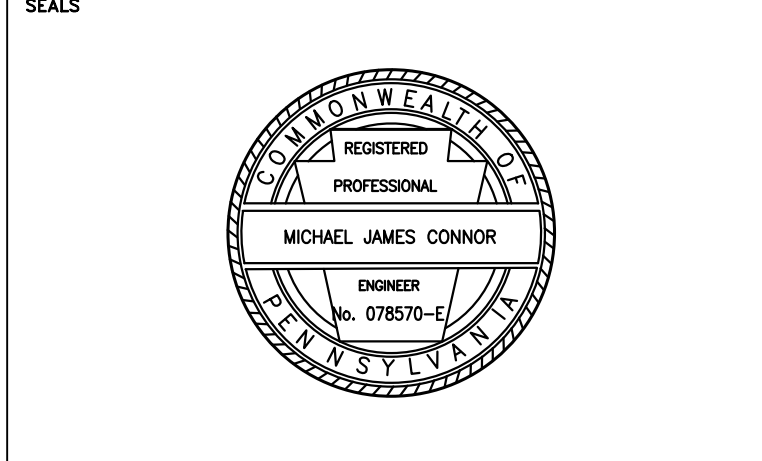


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
 1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



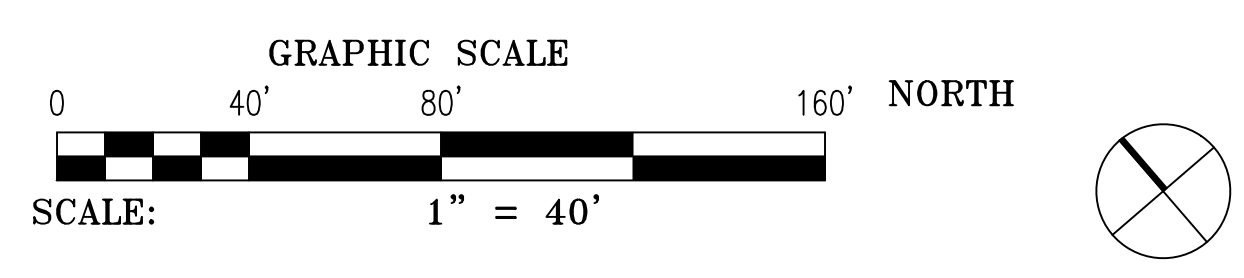
NV|5 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

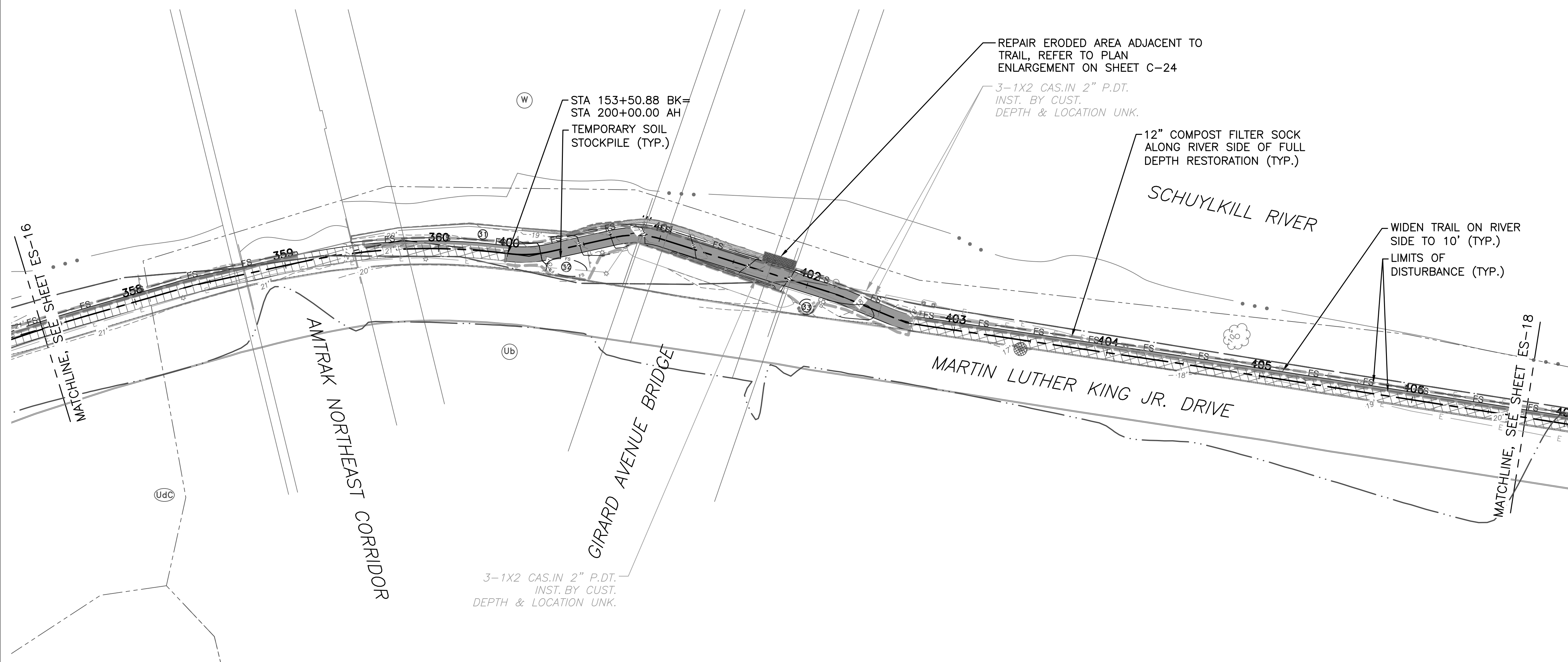
PROJECT TITLE
**MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK**

DRAWING TITLE
**EROSION & SEDIMENT
 CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-16
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML



NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - LIMITS OF DISTURBANCE
 - 100 YEAR FLOODPLAIN
 - INLET FILTER BAG FOR TYPE M INLET (ITEM NO. 0860-0000)
 - COMPOST FILTER SOCK
 - FILTER SOCK NUMBER
 - EXISTING CONTOUR ELEVATION
 - PROPOSED CONTOUR ELEVATION
 - SOIL BOUNDARY
 - SOIL TYPE - URBAN LAND
 - SOIL TYPE - URBAN LAND - CHESTER COMPLEX (8-15 PERCENT SLOPE)
 - SOIL TYPE - UDORTHERTS, SCHIST, AND GNEISS COMPLEX (0-8 PERCENT SLOPE)
 - SOIL TYPE - MANOR LOAM (15-25 PERCENT SLOPE)
 - SOIL TYPE - WATER
 - EROSION CONTROL BLANKET (PENNDOT TYPE 4)
 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

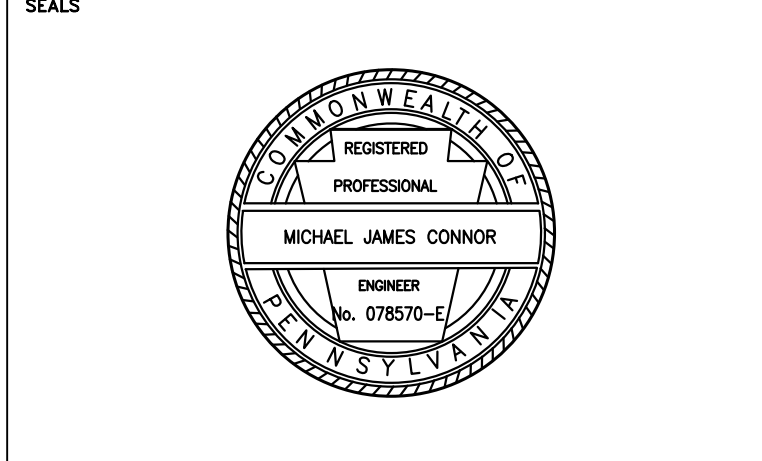


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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



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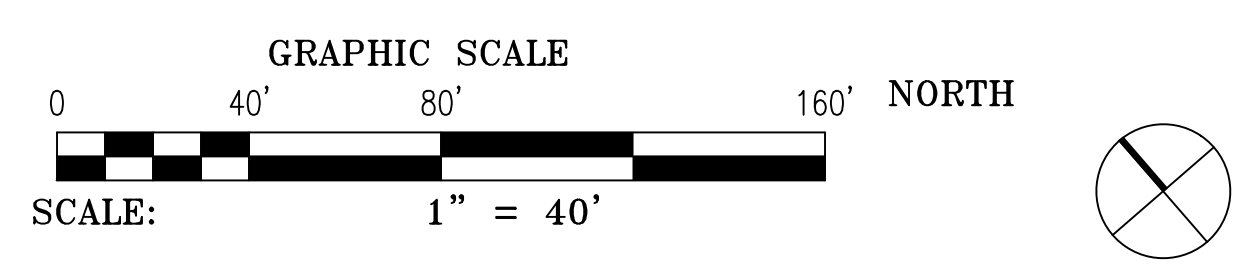
CITY OF PHILADELPHIA
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PHILADELPHIA PENNSYLVANIA

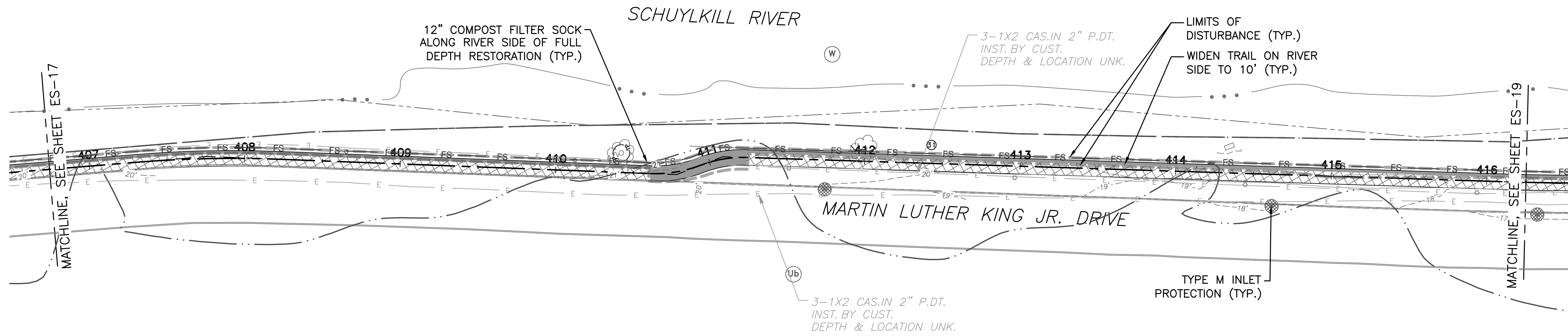
PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
**EROSION & SEDIMENT
CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-17
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.





- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
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 - PAVEMENT REMOVAL
 - LIMITS OF DISTURBANCE
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 - TREE REMOVAL
 - STUMP REMOVAL
 - TREE PROTECTION FENCE

REVISIONS		
ISSUE	DATE	REVISIONS

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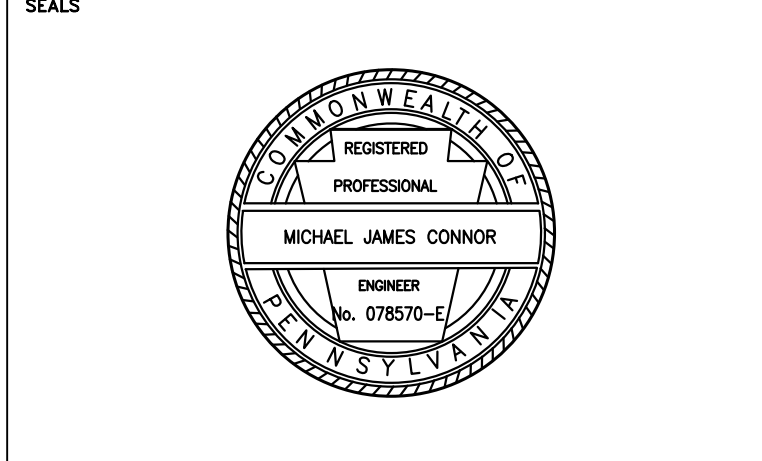


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1-800-242-1776

PROJECT COORDINATOR
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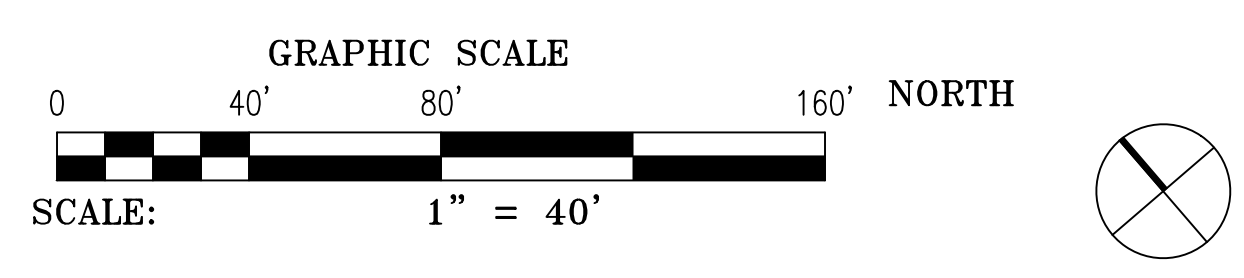
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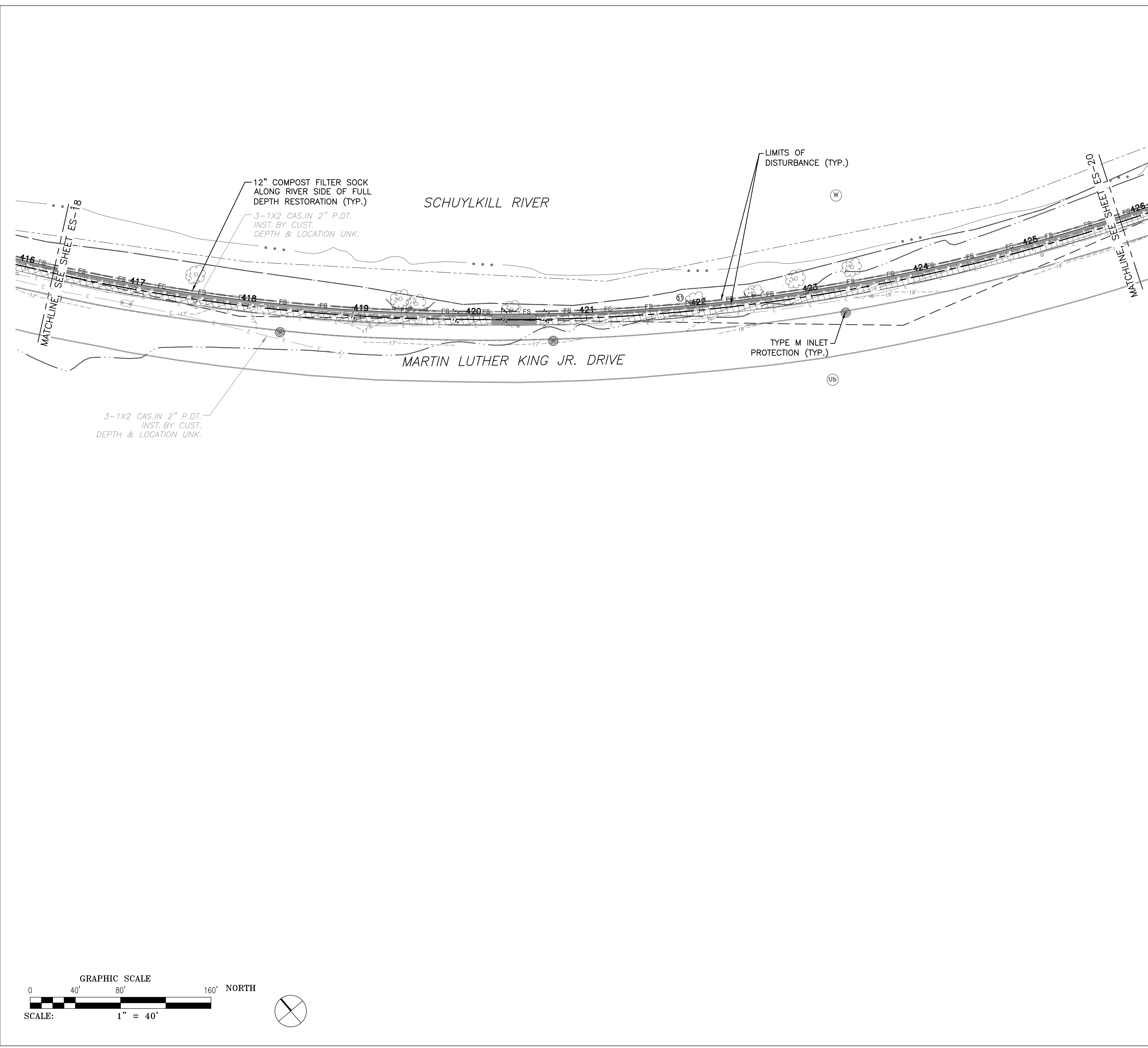
PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-18
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

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REVISIONS		
ISSUE	DATE	REVISIONS

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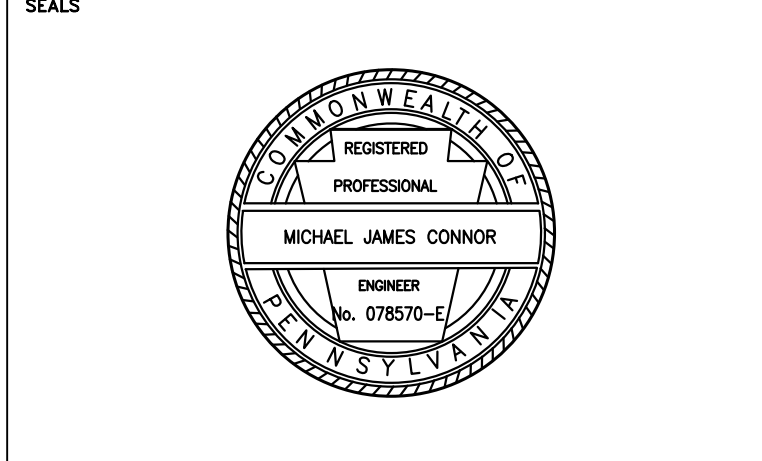


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1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



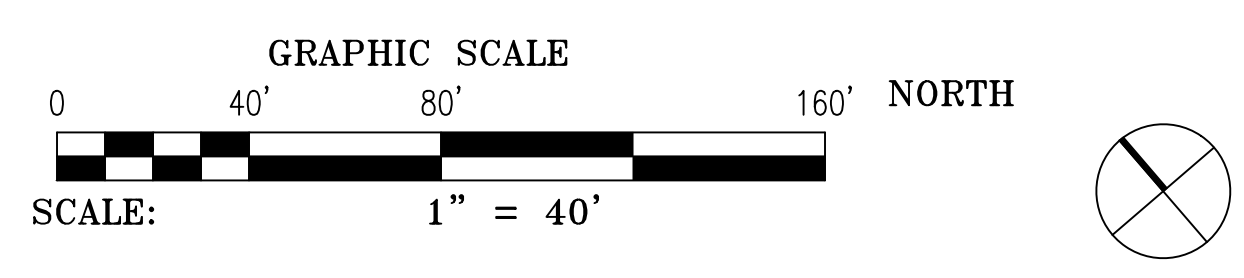
NV5 1315 WALNUT STREET, SUITE 900
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CITY OF PHILADELPHIA
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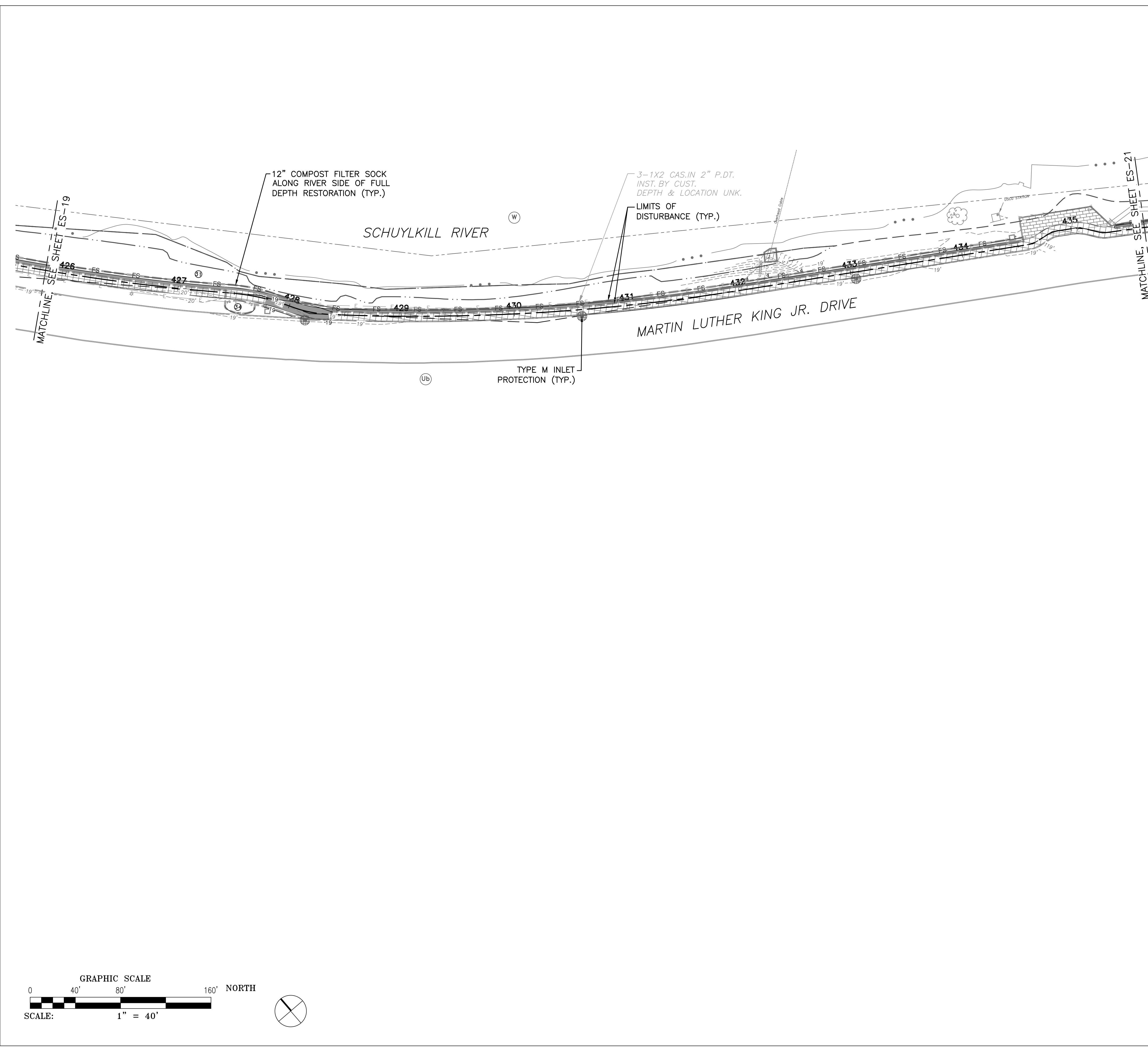
PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
EROSION & SEDIMENT CONTROL PLAN

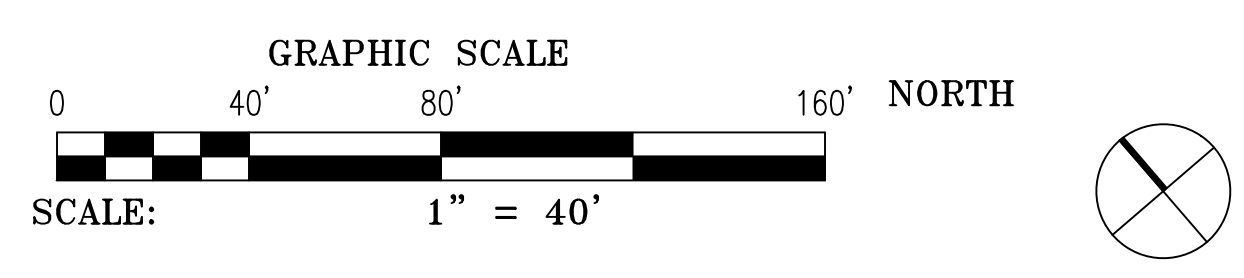
PROJECT NO. 17-17-4872-01	DRAWING NO. ES-19
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML



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 - STUMP REMOVAL
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REVISIONS		
ISSUE	DATE	REVISIONS

**BID SET
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CONSTRUCTION**

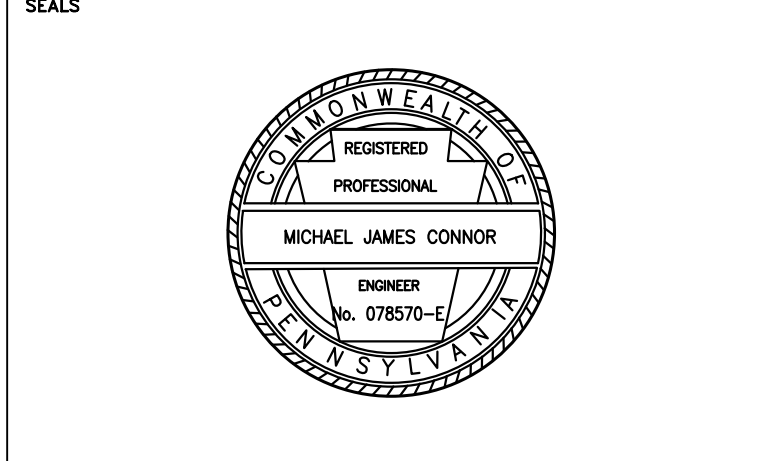


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1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



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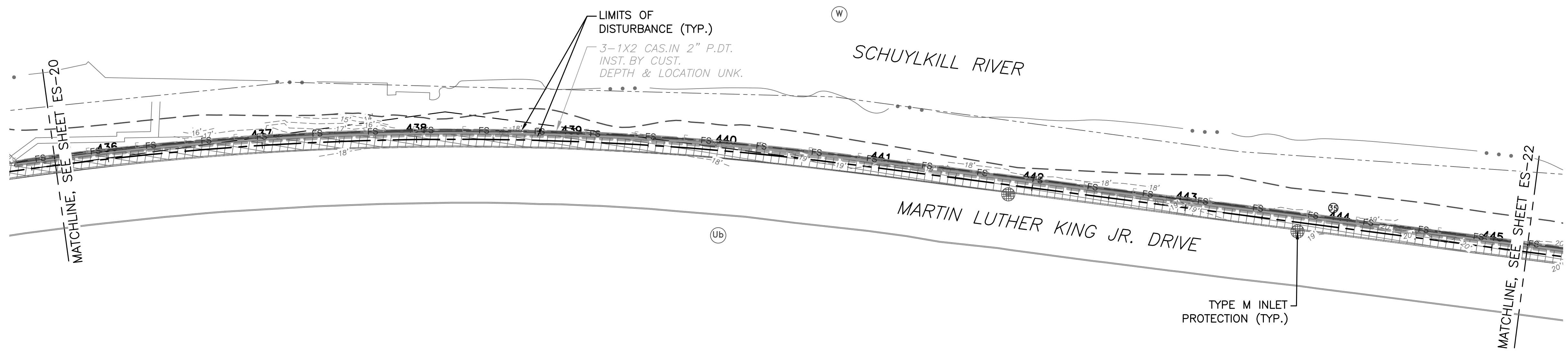
CITY OF PHILADELPHIA
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1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

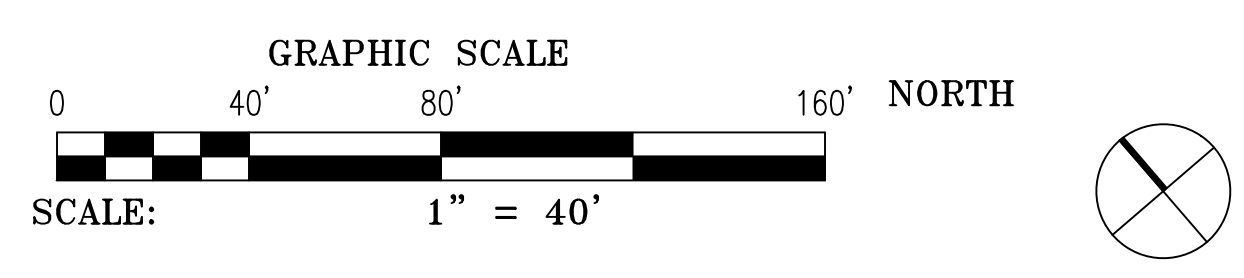
DRAWING TITLE
**EROSION & SEDIMENT
CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-20
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

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REVISIONS		
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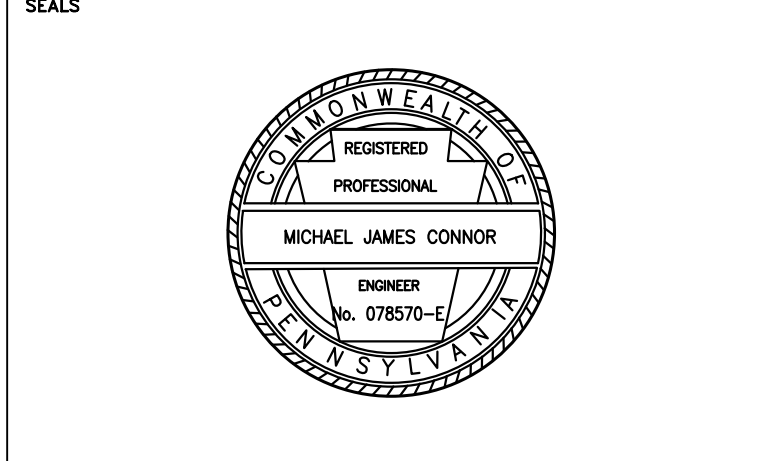


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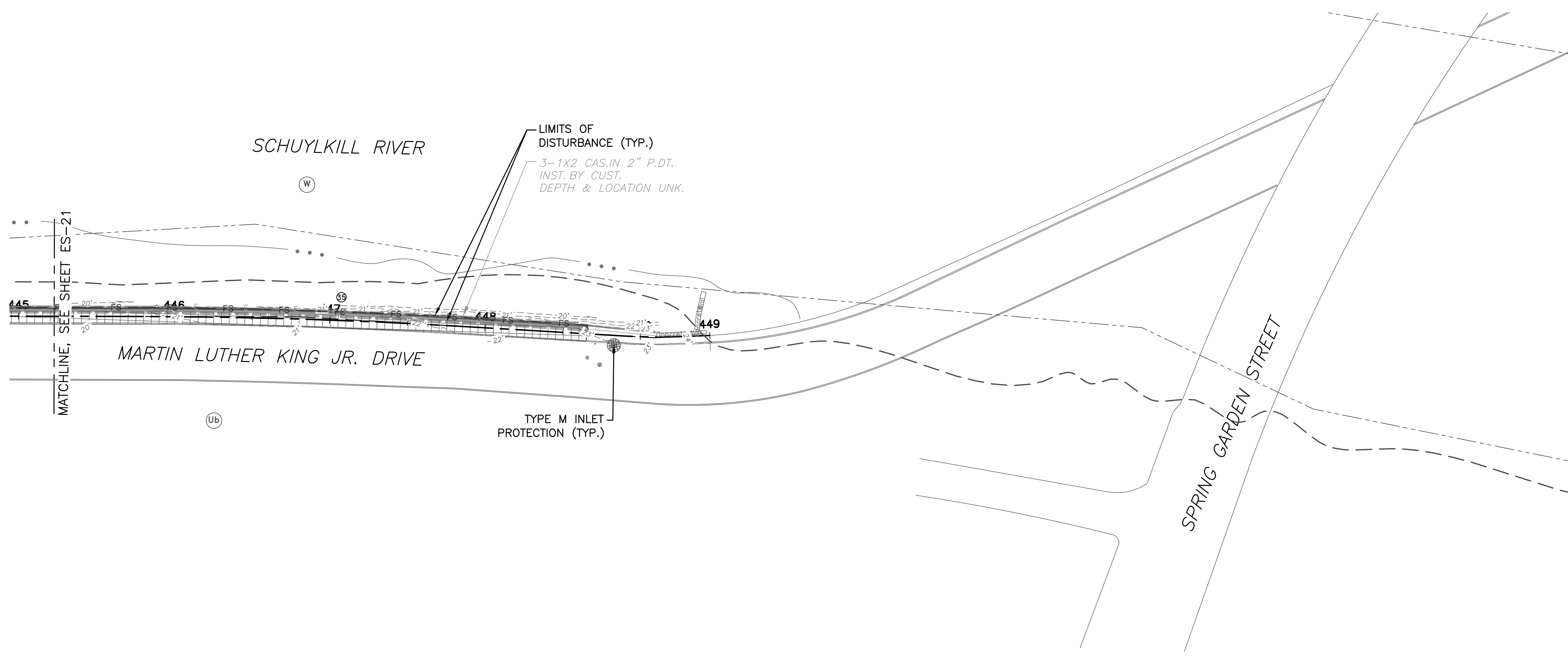
CITY OF PHILADELPHIA
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PROJECT TITLE
**MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK**

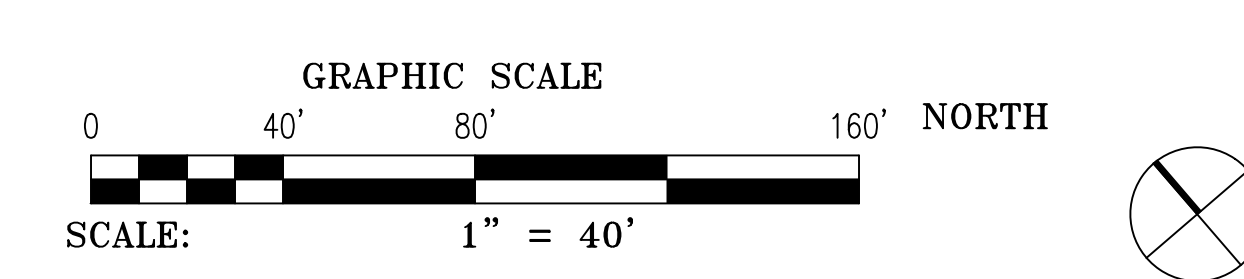
DRAWING TITLE
**EROSION & SEDIMENT
 CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-21
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



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 - TREE REMOVAL
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REVISIONS		
ISSUE	DATE	REVISIONS

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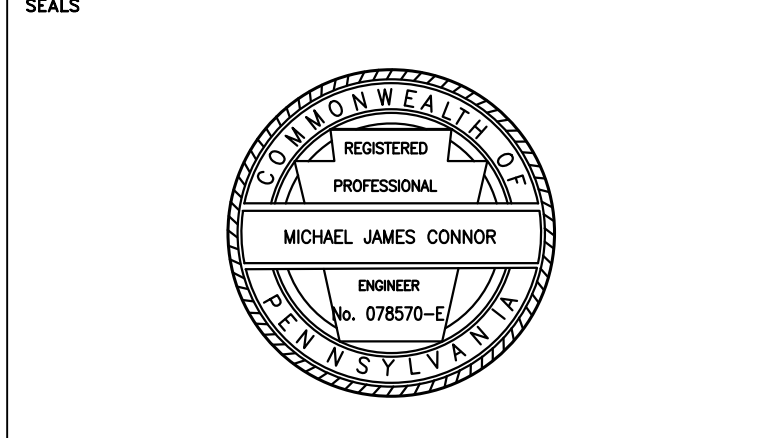


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PROJECT TITLE
**MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK**

DRAWING TITLE
**EROSION & SEDIMENT
 CONTROL PLAN**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-22
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

GENERAL NOTES:

- AN INDUSTRIAL WASTE PERMIT WILL BE REQUIRED SHOULD PUMPING TO CITY-OWNED INFRASTRUCTURE BECOME NECESSARY DURING CONSTRUCTION.
- INLET PROTECTION SHOULD BE PROVIDED FOR ALL INLETS OWNED BY PWD THAT ARE LOCATED WITHIN ONE BLOCK OF THE PROJECT SITE.
- PWD IS NOT RESPONSIBLE FOR ANY CLEANING OR REPAIRS NEEDED ON CITY-OWNED INFRASTRUCTURE DUE TO FAILURE OF ANY EROSION AND SEDIMENT CONTROL PRACTICES. THE OWNER'S PROJECT CONTRACTOR SHALL BE RESPONSIBLE.
- INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT BEST MANAGEMENT PRACTICES SHALL OCCUR ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS, AND AFTER ALL PRECIPITATION EVENTS.
- THE MAXIMUM HEIGHT FOR STOCKPILES AREAS SHALL BE 20 FEET.
- THE MAXIMUM SIDE SLOPE FOR STOCKPILE AREAS SHALL NOT EXCEED 2:1.
- THE ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED ON SITE. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE.
- COMPOST FILTER SOCKS SHOULD BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH SOCK SECTION SHOULD BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. SUPPORT STAKES SHALL BE SPACED AT A MAXIMUM OF 8 FEET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE SOCK.
- ANY SOCK SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY BE CLEARED OF SEDIMENT. IF FILTER SOCK IS DEEMED CLOGGED BY OWNER, ENGINEER, PWD, OR PA DEP INSPECTOR, THE SECTION OF FILTER SOCK SHALL BE REPLACED IN KIND.
- SPRAY WATER TO MOISTEN SOIL IN AREAS OF EARTHMOVING PRIOR TO BEGINNING DAILY EARTHMOVING ACTIVITY. SPRAYING SHALL OCCUR AS MANY TIMES AS NEEDED TO ENSURE WIND BLOWN DUST DOES NOT LEAVE THE PROJECT AREA.

CONSTRUCTION SEQUENCE:

THE PURPOSE OF THIS PLAN IS TO DOCUMENT THE E&S MEASURES NECESSARY TO CONTROL THE EARTH DISTURBANCE ACTIVITIES ASSOCIATED WITH THE CONSTRUCTION OF THE PROPOSED MLK DRIVE TRAIL REHABILITATION (PWD TRACKING #FY19-MLKD-5808-01).

ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED WITH THE FOLLOWING SEQUENCE. EACH STAGE SHALL BE COMPLETED BEFORE ANY FOLLOWING STAGE IS INITIATED.

AT LEAST SEVEN (7) DAYS BEFORE STARTING ANY EARTH DISTURBANCE ACTIVITIES, THE OPERATOR SHALL INVITE ALL CONTRACTORS INVOLVED IN THOSE ACTIVITIES INCLUDING BUT NOT LIMITED TO THE LAND OWNER AND ALL APPROPRIATE CITY OFFICIALS TO A SITE MEETING.

PRIOR TO ANY EARTHWORK, THE PWD INSPECTIONS COORDINATOR (OFFICE 215-685-6387) MUST BE CALLED TO SCHEDULE A PRE-CONSTRUCTION MEETING WITH PWD'S EROSION AND SEDIMENT CONTROL INSPECTION GROUP.

THE FOLLOWING STEPS SHALL BE IMPLEMENTED DURING CONSTRUCTION:

- INSTALL INLET PROTECTION ON ALL EXISTING INLETS, AS SHOWN ON THE PLANS.
- INSTALL THE ROCK CONSTRUCTION ENTRANCES, AS SHOWN ON THE PLANS.
- INSTALL PERIMETER CONTROLS (COMPOST FILTER SOCKS) AROUND THE LIMITS OF WORK. INSTALL TREE PROTECTION, AS SHOWN ON PLANS.
- ENSURE THAT ADEQUATE SEDIMENT CONTROL MEASURES (PARTICULARLY ADEQUATELY SIZED AND PROPERLY FUNCTIONING PERIMETER COMPOST FILTER SOCKS) ARE PROVIDED DOWN-SLOPE OF ANY AND ALL EARTH DISTURBANCE ACTIVITIES UNTIL CONTRIBUTORY DRAINAGE AREA IS ADEQUATELY STABILIZED.
- BEGIN DEMOLITION AND REMOVAL OF ALL EXISTING SURFACE FEATURES WITHIN THE LIMITS OF DISTURBANCE WHICH ARE MARKED TO BE REMOVED ON THE "CONSTRUCTION PLANS." WASTE MATERIALS, SCRAP OR EXCESS CONSTRUCTION MATERIALS SHALL BE COLLECTED, STORED, AND DISPOSED OF IN ACCORDANCE WITH THE SOLID WASTE MANAGEMENT ACT (35 P.S. §§ 6018.101-6018.1003), THE MUNICIPAL WASTE PLANNING, RECYCLING AND WASTE REDUCTION ACT (53 P.S. §§ 4000.101-4000.1904), THE CLEAN STREAMS LAW (35 P.S. §§ 691.1-691.1001) AND RELATED RULES AND REGULATIONS. (TITLE 25, CHAPTER 105, SECTION 46a). WHERE ONLY PORTIONS OF PAVEMENT REMOVAL ARE OCCURRING, PAVEMENT REMOVAL SHALL BE DONE BY SAWCUTTING A CLEAN LINE AT THE LIMITS OF DISTURBANCE.
- PROTECT UTILITY STRUCTURES FROM DAMAGE DURING CONSTRUCTION.
- MILL SECTIONS OF EXISTING PAVED TRAIL WHERE INDICATED IN THE PLANS. SAWCUT EXISTING TRAIL AT FULL DEPTH LIMITS. REMOVE EXISTING ASPHALT TRAIL PAVEMENT WHERE FULL DEPTH PAVING WILL BE PERFORMED.
- BEGIN TRAIL EXCAVATION. CLEAN FILL EXCAVATED FOR CONSTRUCTION OF PROPOSED TRAIL SHALL BE TAKEN OFFSITE. ANY SOIL REMOVED FROM THE SITE MAY ONLY BE TAKEN TO A SITE WITH AN APPROVED SOIL EROSION AND SEDIMENT CONTROL PLAN.
- ROUGH GRADE SITE TO SUBGRADE ELEVATIONS. (REFER TO TRAIL SECTION DETAILS FOR NOTES ON EXCAVATION AND SUBGRADE COMPACTION). RUNOFF FROM THIS PROJECT AREA WILL DISCHARGE TO THE SCHUYLKILL RIVER, WHICH IS CLASSIFIED AS A WARM WATER FISHERY PER PADEP CHAPTER 93 REGULATIONS ALONG THE AREA OF WORK.
- BEGIN CONSTRUCTION OF PROPOSED TRAIL.
- FINAL GRADE THE TRAIL AND INSTALL THE STONE BASE, BINDER COURSE AND WEARING COURSE.
- WHEN ALL BACKFILL AND ALL EARTHWORK CONSTRUCTION IS COMPLETE, STABILIZE ANY DISTURBED AREAS WITH SEED AND MULCH. THE MAXIMUM HEIGHT FOR STOCKPILES SHALL BE 35 FEET.
- INSTALL PROPOSED SIGNAGE AND OTHER SITE FEATURES.
- WHEN ALL AREAS TRIBUTARY TO THE EXISTING AND PROPOSED INLETS AND OVERLAND FLOW HAVE BEEN STABILIZED, THE INLET PROTECTION AND OTHER E&S CONTROLS SHALL BE REMOVED.

STANDARD E&S NOTES

- AN INDUSTRIAL WASTE PERMIT WILL BE REQUIRED SHOULD PUMPING TO CITY-OWNED INFRASTRUCTURE BECOME NECESSARY DURING CONSTRUCTION. ALL PUMPING OF WATER FROM ANY WORK AREA SHALL BE DONE ACCORDING TO THE PROCEDURE DESCRIBED IN THIS PLAN, OVER UNDISTURBED VEGETATED AREAS.
- INLET PROTECTION SHOULD BE PROVIDED FOR ALL INLETS OWNED BY PWD THAT ARE LOCATED WITHIN ONE BLOCK OF THE PROJECT SITE.
- PWD IS NOT RESPONSIBLE FOR ANY CLEANING OR REPAIRS NEEDED ON CITY-OWNED INFRASTRUCTURE DUE TO FAILURE OF ANY EROSION AND SEDIMENT CONTROL PRACTICES. THE AWARDED CONTRACTOR WORKING ON BEHALF OF THE CITY OF PHILADELPHIA DEPARTMENT OF PARKS AND RECREATION SHALL BE RESPONSIBLE FOR ANY REQUIRED CLEANING OR REPAIRS AS STATED ABOVE.
- INSPECTION AND MAINTENANCE OF ALL EROSION AND SEDIMENT CONTROL BEST MANAGEMENT PRACTICES SHALL OCCUR ON A WEEKLY BASIS, BEFORE ANY ANTICIPATED PRECIPITATION EVENTS, AND AFTER ALL PRECIPITATION EVENTS.
- TOPSOIL REQUIRED FOR THE ESTABLISHMENT OF VEGETATION SHALL BE STOCKPILED AT THE LOCATION(S) SHOWN ON THE PLAN MAP(S) IN THE AMOUNT NECESSARY TO COMPLETE THE FINISH GRADING OF ALL EXPOSED AREAS THAT ARE TO BE STABILIZED BY VEGETATION. EACH STOCKPILE SHALL BE PROTECTED IN THE MANNER SHOWN ON THE PLAN DRAWINGS. STOCKPILE HEIGHTS SHALL NOT EXCEED 20 FEET. STOCKPILE SLOPES SHALL BE 2H:1V OR FLATTER.
- THE ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED ON-SITE. A STOCKPILE SHALL BE MAINTAINED ON-SITE FOR THIS PURPOSE. AT THE END OF EACH CONSTRUCTION DAY, ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS AND SIDEWALKS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE. IN NO CASE SHALL THE SEDIMENT BE WASHED, SHOVELED, OR SWEEPED INTO ANY ROADSIDE DITCH, STORM SEWER, OR SURFACE WATER.
- FILTER FABRIC FENCE SHOULD BE INSTALLED AT LEVEL GRADE. BOTH ENDS OF EACH FENCE SECTION SHOULD BE EXTENDED AT LEAST 8 FEET UPSLOPE AT 45 DEGREES TO THE MAIN BARRIER ALIGNMENT. SUPPORT STAKES SHALL BE SPACED AT A MAXIMUM OF 8 FEET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/2 THE ABOVE GROUND HEIGHT OF THE FILTER FENCE.
- ANY FENCE SECTION WHICH HAS BEEN UNDERMINED OR TOPPED MUST BE IMMEDIATELY REPLACED WITH A ROCK FILTER OUTLET. SEDIMENT MUST BE REMOVED WHEN ACCUMULATIONS REACH 1/3 THE HEIGHT OF THE OUTLET.
- EROSION CONTROL BLANKETING SHALL BE INSTALLED ON ALL SLOPES 3H:1V OR STEEPER WITHIN 50 FEET OF A SURFACE WATER AND ON ALL OTHER DISTURBED AREAS SPECIFIED ON THE PLAN MAPS AND/OR DETAIL SHEETS.
- IMMEDIATELY UPON DISCOVERING UNFORESEEN CIRCUMSTANCES POSING THE POTENTIAL FOR ACCELERATED EROSION AND/OR SEDIMENT POLLUTION, THE OPERATOR SHALL IMPLEMENT APPROPRIATE BEST MANAGEMENT PRACTICES TO MINIMIZE THE POTENTIAL FOR EROSION AND SEDIMENT POLLUTION AND NOTIFY PWD AND PA DEP.
- UNTIL THE SITE IS STABILIZED, ALL E&S BMPS SHALL BE MAINTAINED PROPERLY. MAINTENANCE SHALL INCLUDE INSPECTIONS OF ALL E&S BMPS PRIOR TO ANY ANTICIPATED STORM EVENT, AFTER EACH RUNOFF EVENT AND ON A WEEKLY BASIS. ALL PREVENTATIVE AND REMEDIAL MAINTENANCE WORK, INCLUDING CLEAN OUT, REPAIR, REPLACEMENT, REGRADING, RESEEDING, REMULCHING, AND RENETTING, MUST BE PERFORMED IMMEDIATELY. IF THE E&S BMPS FAIL TO PERFORM AS EXPECTED, REPLACEMENT BMPS, OR MODIFICATIONS OF THOSE INSTALLED, WILL BE REQUIRED.
- ALL EARTH DISTURBANCES, INCLUDING CLEARING AND GRUBBING, AS WELL AS CUTS AND FILLS, SHALL BE DONE IN ACCORDANCE WITH THE APPROVED E&S PLAN (STAMPED, SIGNED AND DATED BY THE REVIEWING AGENCY). A COPY OF THE APPROVED DRAWINGS MUST BE AVAILABLE AT THE PROJECT SITE AT ALL TIMES. PWD SHALL BE NOTIFIED OF ANY CHANGES TO THE APPROVED PLAN PRIOR TO IMPLEMENTATION OF THOSE CHANGES. PWD MAY REQUIRE A WRITTEN SUBMITTAL OF THOSE CHANGES FOR REVIEW AND APPROVAL AT ITS DISCRETION.
- AT LEAST THREE (3) DAYS PRIOR TO STARTING ANY EARTH DISTURBANCE ACTIVITIES, OR EXPANDING INTO AN AREA PREVIOUSLY UNMARKED, THE PENNSYLVANIA ONE CALL SYSTEM INC. SHALL BE NOTIFIED AT 1-800-242-1776 FOR THE LOCATION OF EXISTING UNDERGROUND UTILITIES.
- ALL EARTH DISTURBANCE ACTIVITIES SHALL PROCEED IN ACCORDANCE WITH THE SEQUENCE PROVIDED ON THE PLAN DRAWINGS. EACH STAGE SHALL BE COMPLETED AND IMMEDIATELY STABILIZED BEFORE ANY FOLLOWING STAGE IS INITIATED. DEVIATION FROM THAT SEQUENCE MUST BE APPROVED IN WRITING BY PWD AND THE PA DEP PRIOR TO IMPLEMENTATION.
- AREAS TO BE FILLED ARE TO BE CLEARED, GRUBBED, AND STRIPPED OF TOPSOIL TO REMOVE TREES, VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
- CLEARING, GRUBBING, AND TOPSOIL STRIPPING SHALL BE LIMITED TO THOSE AREAS DESCRIBED IN EACH STAGE OF THE CONSTRUCTION SEQUENCE. GENERAL SITE CLEARING, GRUBBING AND TOPSOIL STRIPPING MAY NOT COMMENCE IN ANY STAGE OR PHASE OF THE PROJECT UNTIL THE E&S BMPS SPECIFIED BY THE BMP SEQUENCE FOR THAT STAGE OR PHASE HAVE BEEN INSTALLED AND ARE FUNCTIONING AS DESCRIBED IN THIS E&S PLAN.
- AT NO TIME SHALL CONSTRUCTION VEHICLES BE ALLOWED TO ENTER AREAS OUTSIDE THE LIMIT OF DISTURBANCE BOUNDARIES SHOWN ON THE PLAN MAPS. THESE AREAS MUST BE CLEARLY MARKED AND FENCED OFF BEFORE CLEARING AND GRUBBING OPERATIONS BEGIN.
- A LOG SHOWING DATES THAT E&S BMPS WERE INSPECTED AS WELL AS ANY DEFICIENCIES FOUND AND THE DATE THEY WERE CORRECTED SHALL BE MAINTAINED ON THE SITE AND BE MADE AVAILABLE TO PWD AT THE TIME OF INSPECTION.

STANDARD E&S NOTES (CONTINUED):

- ALL SEDIMENT REMOVED FROM BMPS SHALL BE DISPOSED OF IN THE FOLLOWING MANNER: (APPLICANT TO DESCRIBE DISPOSAL METHOD)
- AREAS WHICH ARE TO BE TOPSOILED SHALL BE SCARIFIED TO A MINIMUM DEPTH OF THREE TO FIVE INCHES -- SIX TO 12 INCHES ON COMPACTED SOILS -- PRIOR TO PLACEMENT OF TOPSOIL. AREAS TO BE VEGETATED SHALL HAVE A MINIMUM FOUR INCHES OF TOPSOIL IN PLACE PRIOR TO SEEDING AND MULCHING. FILL OUTSLOPES SHALL HAVE A MINIMUM OF TWO INCHES OF TOPSOIL.
- ALL FILLS SHALL BE COMPACTED AS REQUIRED TO REDUCE EROSION, SLIPPAGE, SETTLEMENT, SUBSIDENCE, OR OTHER RELATED PROBLEMS. FILL INTENDED TO SUPPORT BUILDINGS, STRUCTURES, AND CONDUITS, ETC. SHALL BE COMPACTED IN ACCORDANCE WITH LOCAL REQUIREMENTS OR CODES.
- ALL EARTHEN FILLS SHALL BE PLACED IN COMPACTED LAYERS NOT TO EXCEED NINE INCHES IN THICKNESS.
- FILL MATERIALS SHALL BE FREE OF FROZEN PARTICLES, BRUSH, ROOTS, SOD, OR OTHER FOREIGN OR OBJECTIONABLE MATERIALS THAT WOULD INTERFERE WITH OR PREVENT CONSTRUCTION OF SATISFACTORY FILLS.
- FROZEN MATERIALS OR SOFT, MUCKY, OR HIGHLY COMPRESSIBLE MATERIALS SHALL NOT BE INCORPORATED INTO FILLS.
- FILL SHALL NOT BE PLACED ON SATURATED OR FROZEN SURFACES.
- SEEPS OR SPRINGS ENCOUNTERED DURING CONSTRUCTION SHALL BE HANDLED IN ACCORDANCE WITH THE STANDARD AND SPECIFICATION FOR SUBSURFACE DRAIN OR OTHER APPROVED METHOD.
- ALL GRADED AREAS SHALL BE PERMANENTLY STABILIZED IMMEDIATELY UPON REACHING FINISHED GRADE. CUT SLOPES IN COMPETENT BEDROCK AND ROCK FILLS NEED NOT BE VEGETATED. SEEDD AREAS WITHIN 50 FEET OF A SURFACE WATER, OR AS OTHERWISE SHOWN ON THE PLAN DRAWINGS, SHALL BE BLANKETED ACCORDING TO THE STANDARDS OF THIS PLAN.
- IMMEDIATELY AFTER EARTH DISTURBANCE ACTIVITIES CEASE IN ANY AREA OR SUBAREA OF THE PROJECT, THE OPERATOR SHALL STABILIZE ALL DISTURBED AREAS. DURING NON-GERMINATING MONTHS, MULCH OR PROTECTIVE BLANKETING SHALL BE APPLIED AS DESCRIBED IN THE PLAN. AREAS NOT AT FINISHED GRADE, WHICH WILL BE REACTIVATED WITHIN ONE YEAR, MAY BE STABILIZED IN ACCORDANCE WITH THE TEMPORARY STABILIZATION SPECIFICATIONS. THOSE AREAS WHICH WILL NOT BE REACTIVATED WITHIN ONE YEAR SHALL BE STABILIZED IN ACCORDANCE WITH THE PERMANENT STABILIZATION SPECIFICATIONS.
- PERMANENT STABILIZATION IS DEFINED AS A MINIMUM UNIFORM, PERENNIAL 70% VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED EROSION. CUT AND FILL SLOPES SHALL BE CAPABLE OF RESISTING FAILURE DUE TO SLUMPING, SLIDING, OR OTHER MOVEMENTS.
- E&S BMPS SHALL REMAIN FUNCTIONAL AS SUCH UNTIL ALL AREAS TRIBUTARY TO THEM ARE PERMANENTLY STABILIZED OR UNTIL THEY ARE REPLACED BY ANOTHER BMP APPROVED BY PWD AND PA DEP.
- AFTER FINAL SITE STABILIZATION HAS BEEN ACHIEVED, TEMPORARY E&S BMPS MUST BE REMOVED OR CONVERTED TO PERMANENT POST-CONSTRUCTION STORMWATER MANAGEMENT PRACTICES. AREAS DISTURBED DURING REMOVAL OR CONVERSION OF THE E&S BMPS SHALL BE STABILIZED IMMEDIATELY. IN ORDER TO ENSURE RAPID REVEGETATION OF DISTURBED AREAS, SUCH REMOVAL/CONVERSIONS ARE TO BE DONE ONLY DURING THE GERMINATING SEASON.
- SEDIMENT BASINS AND/OR TRAPS SHALL BE KEPT FREE OF ALL CONSTRUCTION WASTE, WASH WATER, AND OTHER DEBRIS HAVING POTENTIAL TO CLOG THE BASIN/TRAP OUTLET STRUCTURES AND/OR POLLUTE THE SURFACE WATERS. (WHEN APPLICABLE)
- DURING CONSTRUCTION, THE SELECTED CONTRACTOR IS EXPECTED TO FOLLOW THE PCSMP APPROVED BY PWD. NO CHANGE OR DEVIATION FROM THE APPROVED PCSMP IS PERMITTED WITHOUT PRIOR APPROVAL FROM PWD.
- ALL WORK ASSOCIATED WITH PWD WATER CONVEYANCE AND SEWER INFRASTRUCTURE SHALL BE DONE IN ACCORDANCE WITH THE CITY OF PHILADELPHIA WATER DEPARTMENT WATER MAIN STANDARD DETAILS AND CORROSION CONTROL SPECIFICATIONS* 1985 EDITION, AND STANDARD DETAILS AND STANDARD SPECIFICATIONS FOR SEWERS 1985 EDITION.

TOPSOIL SPECIFICATIONS:

CUBIC YARDS OF TOPSOIL REQUIRED FOR APPLICATION TO VARIOUS DEPTHS

DEPTH (IN.)	PER 1,000 SQUARE FEET	PER ACRE
1	3.1	134
2	6.2	268
3	9.3	403
4	12.4	537
5	15.5	672
6	18.6	806
7	21.7	940
8	24.8	1,074

- GRADED AREAS SHOULD BE SCARIFIED OR OTHERWISE LOOSENED TO A DEPTH OF 3 TO 5 INCHES TO PERMIT BONDING OF THE TOPSOIL TO THE SURFACE AREAS AND TO PROVIDE A ROUGHENED SURFACE TO PREVENT TOPSOIL FROM SLIDING DOWN SLOPE.
- TOPSOIL SHOULD BE UNIFORMLY DISTRIBUTED ACROSS THE DISTURBED AREA TO A DEPTH OF 4 TO 8 INCHES MINIMUM -- 2 INCHES ON FILL OUTSLOPES. SPREADING SHOULD BE DONE IN SUCH A MANNER THAT SODDING OR SEEDING CAN PROCEED WITH A MINIMUM OF ADDITIONAL PREPARATION OR TILLAGE. IRREGULARITIES IN THE SURFACE RESULTING FROM TOPSOIL PLACEMENT SHOULD BE CORRECTED IN ORDER TO PREVENT FORMATION OF DEPRESSIONS UNLESS SUCH DEPRESSIONS ARE PART OF THE PCSM PLAN.
- TOPSOIL SHOULD NOT BE PLACED WHILE THE TOPSOIL OR SUBSOIL IS IN A FROZEN OR MUDDY CONDITION, WHEN THE SUBSOIL IS EXCESSIVELY WET, OR IN A CONDITION THAT MAY OTHERWISE BE DETRIMENTAL TO PROPER GRADING AND SEEDBED PREPARATION. COMPACTED SOILS SHOULD BE SCARIFIED 6 TO 12 INCHES ALONG CONTOUR WHEREVER POSSIBLE PRIOR TO SEEDING.

REVISIONS

ISSUE	DATE	REVISIONS

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CONSTRUCTION

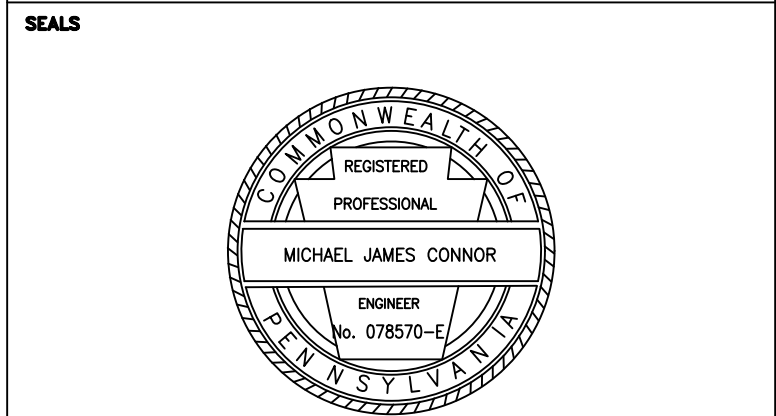


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



NV|5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.258.2776 WWW.NV5.COM

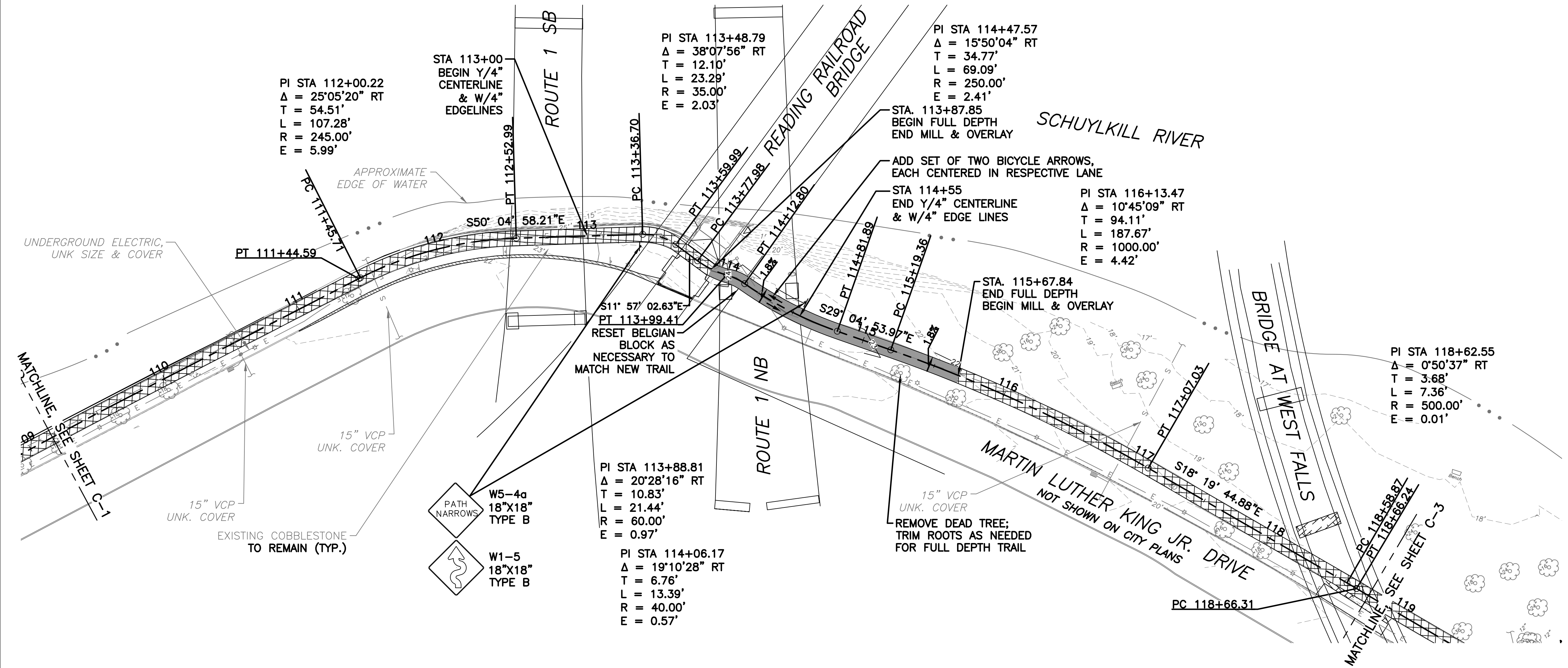
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

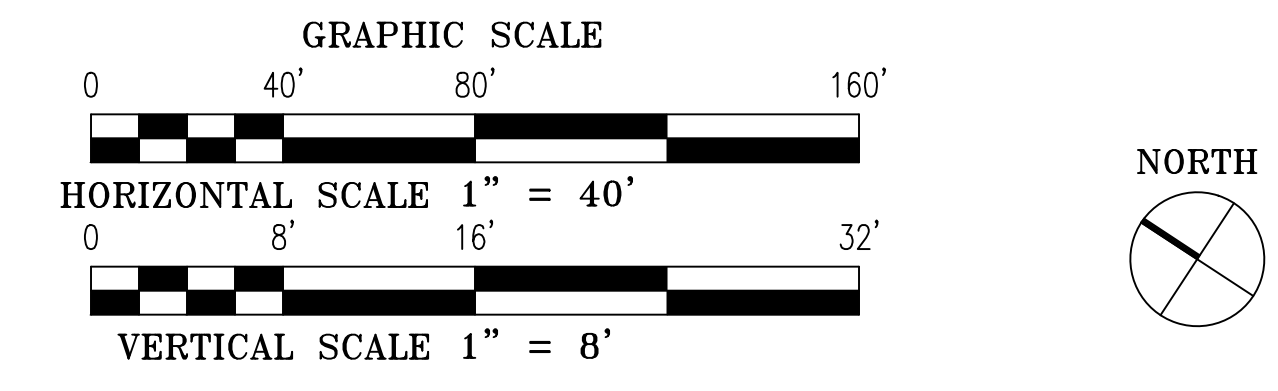
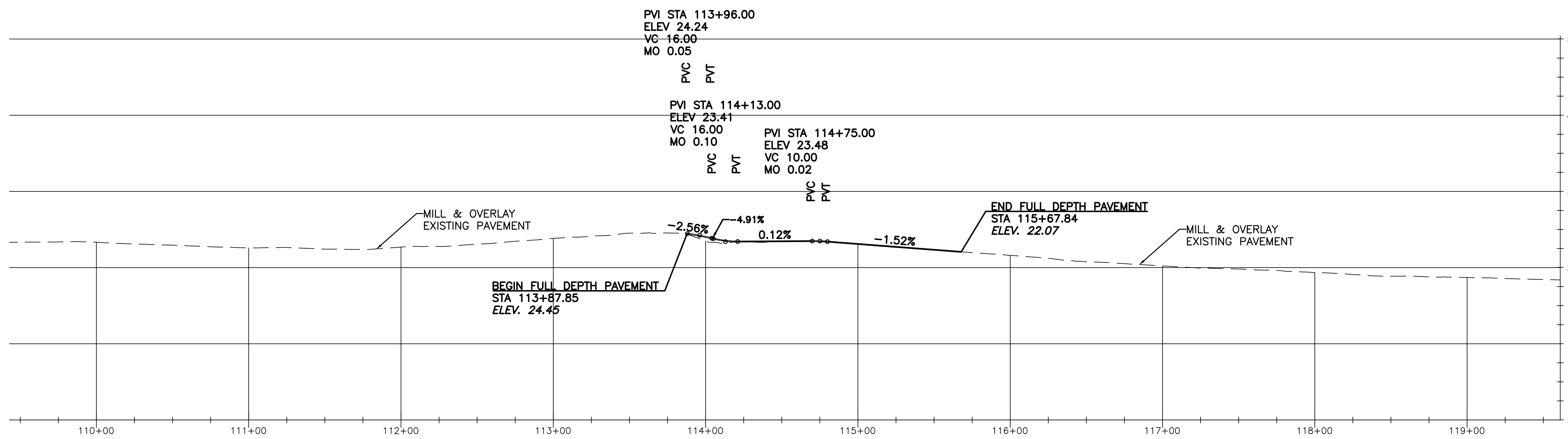
DRAWING TITLE
**EROSION & SEDIMENT
POLLUTION CONTROL NOTES**

PROJECT NO. 17-17-4872-01	DRAWING NO. ES-24
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

ALL DIMENSIONS AND CONDITIONS SHALL BE AS SHOWN UNLESS OTHERWISE NOTED. VERIFY CONDITIONS BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)



REVISIONS		
ISSUE	DATE	REVISIONS

**BID SET
NOT FOR
CONSTRUCTION**

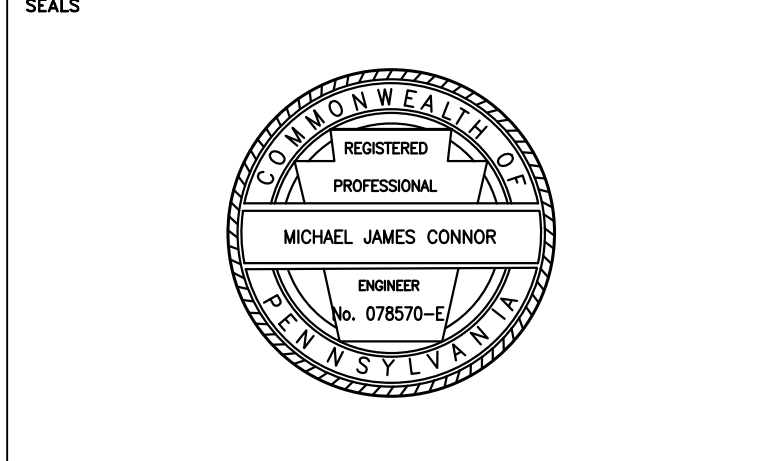


CALL BEFORE YOU DIG!

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1-800-242-1776

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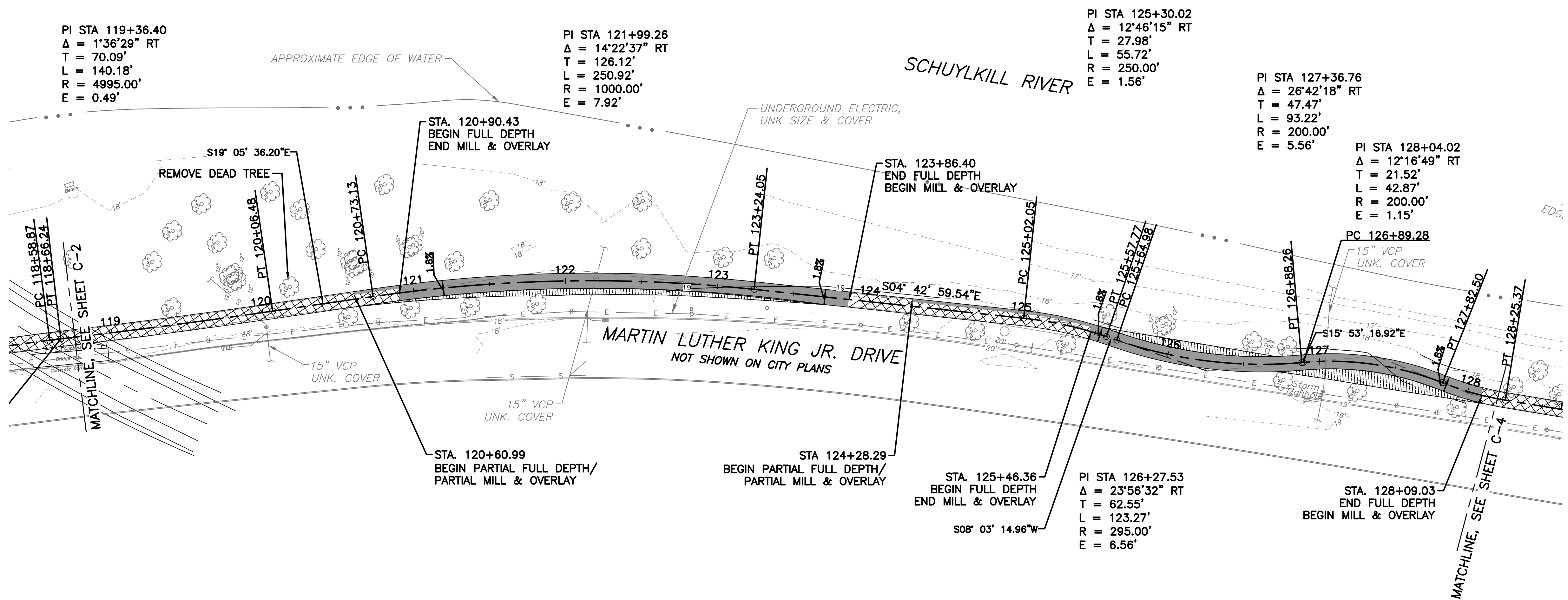
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-2
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
 NOT FOR
 CONSTRUCTION

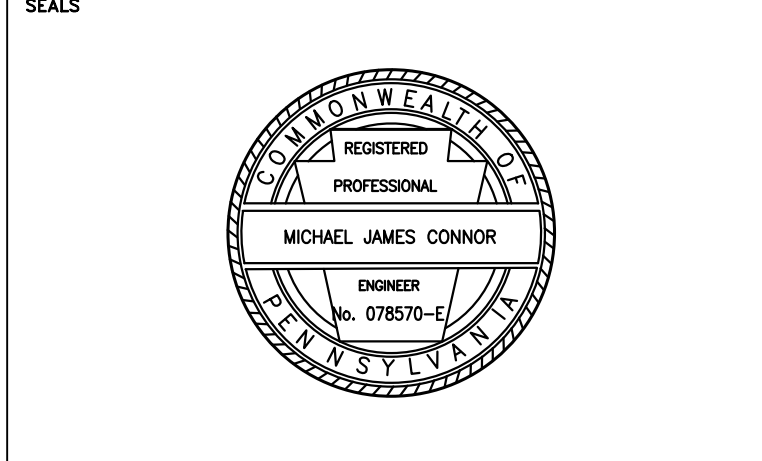


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
1-800-242-1776

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 PHILADELPHIA, PA, 19107
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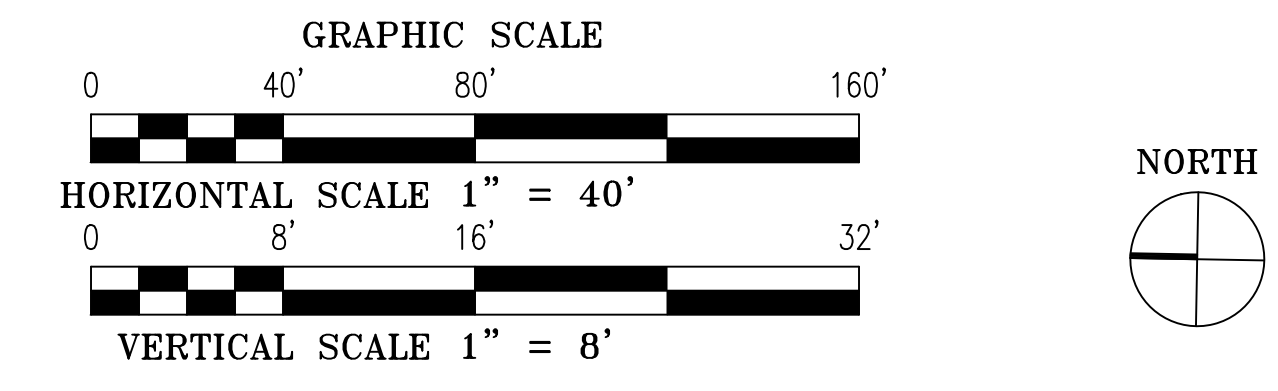
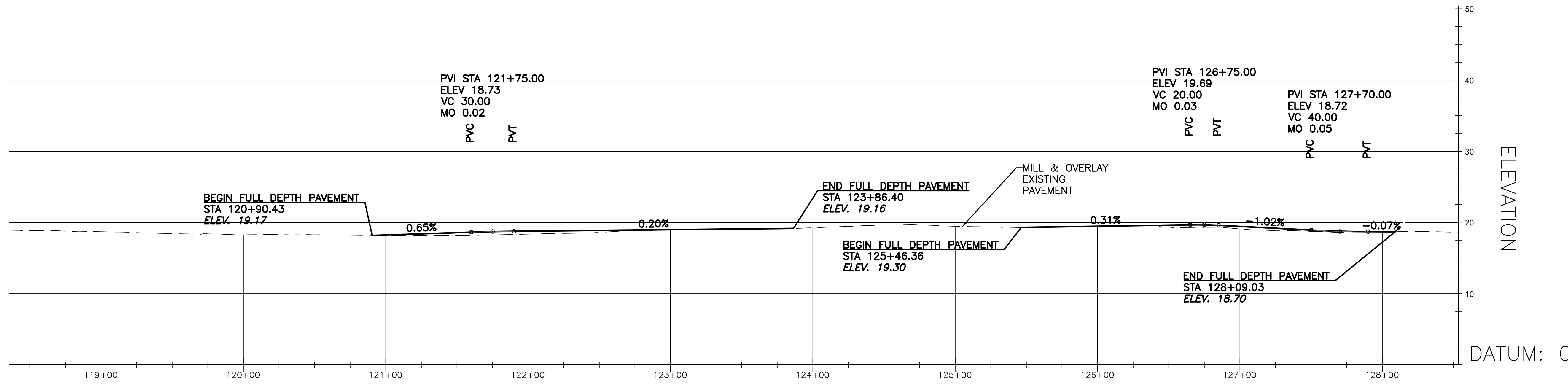
CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

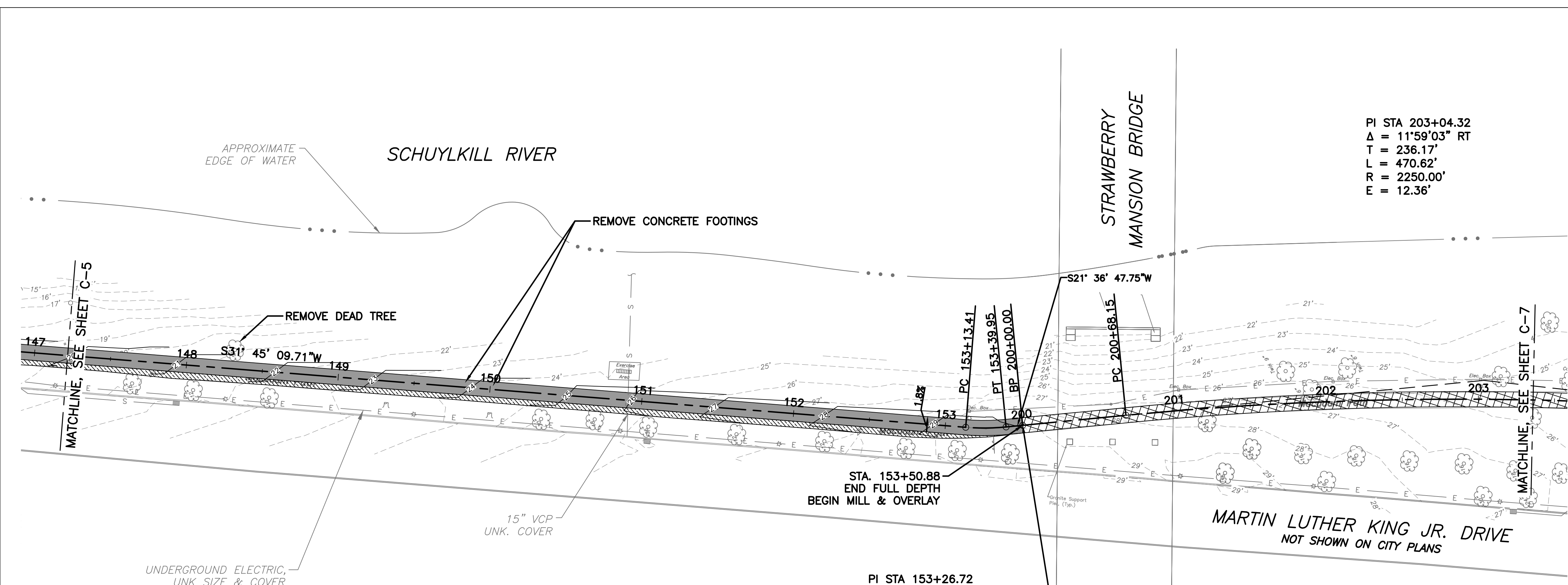
PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-3
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.





PI STA 203+04.32
 $\Delta = 11^{\circ}59'03''$ RT
 T = 236.17'
 L = 470.62'
 R = 2250.00'
 E = 12.36'

PI STA 153+26.72
 $\Delta = 10^{\circ}08'22''$ RT
 T = 13.31'
 L = 26.54'
 R = 150.00'
 E = 0.59'

LEGEND

- 1.5" MILL & OVERLAY OF EXISTING TRAIL
- FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
- NEW CONCRETE SIDEWALK CONSTRUCTION
- PAVEMENT REMOVAL
- EXISTING LIGHT POLE
- EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

**BID SET
 NOT FOR
 CONSTRUCTION**

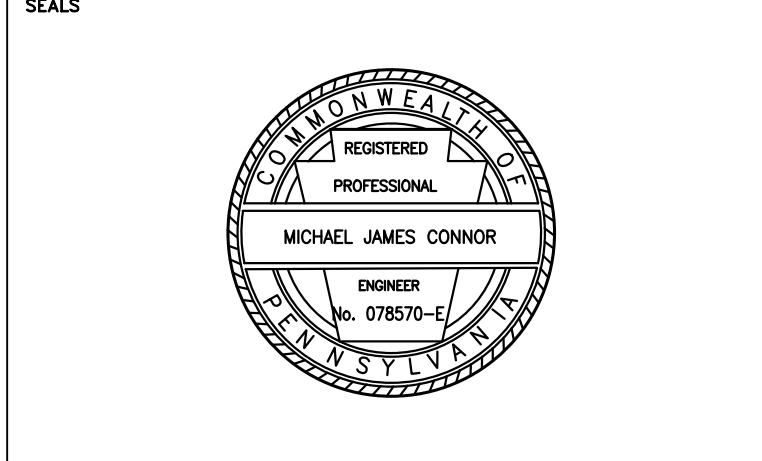


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
 1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



NV5 1315 WALNUT STREET, SUITE 900
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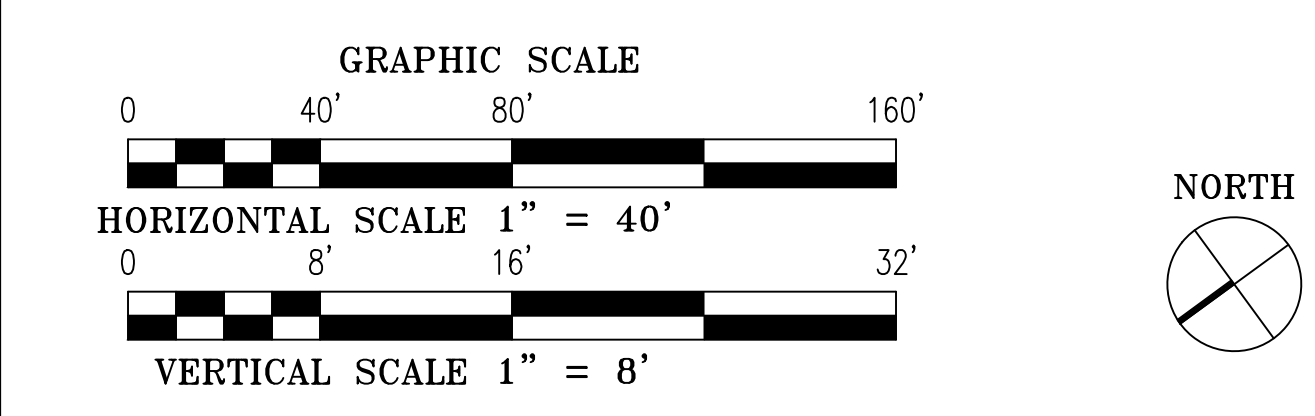
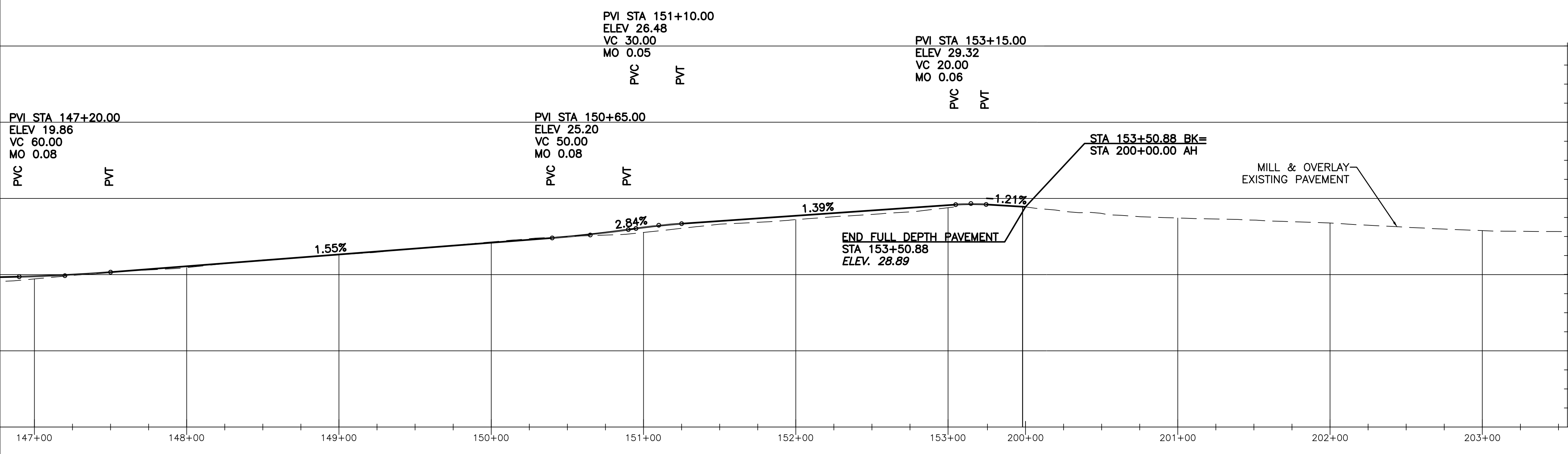
CITY OF PHILADELPHIA
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 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK**

DRAWING TITLE
TRAIL PLAN & PROFILE

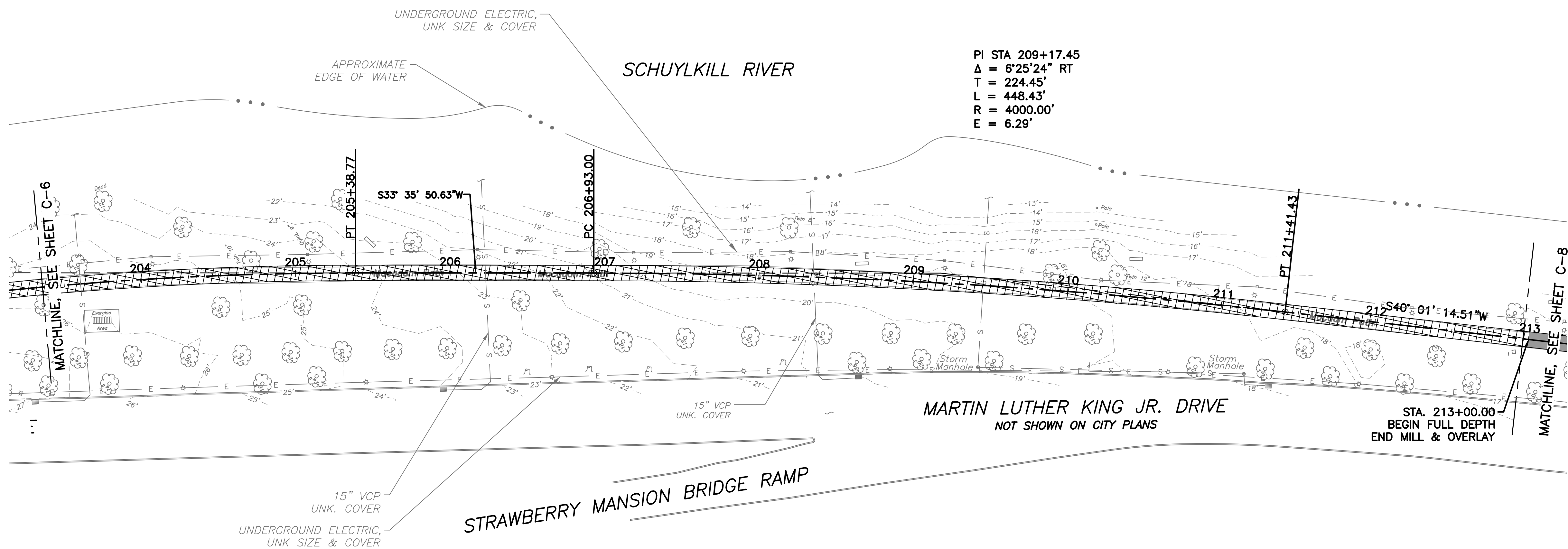
PROJECT NO. 17-17-4872-01	DRAWING NO. C-6
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE REFERRED TO THE CONTRACTOR'S SITE BEFORE PROCEEDING WITH THE WORK.



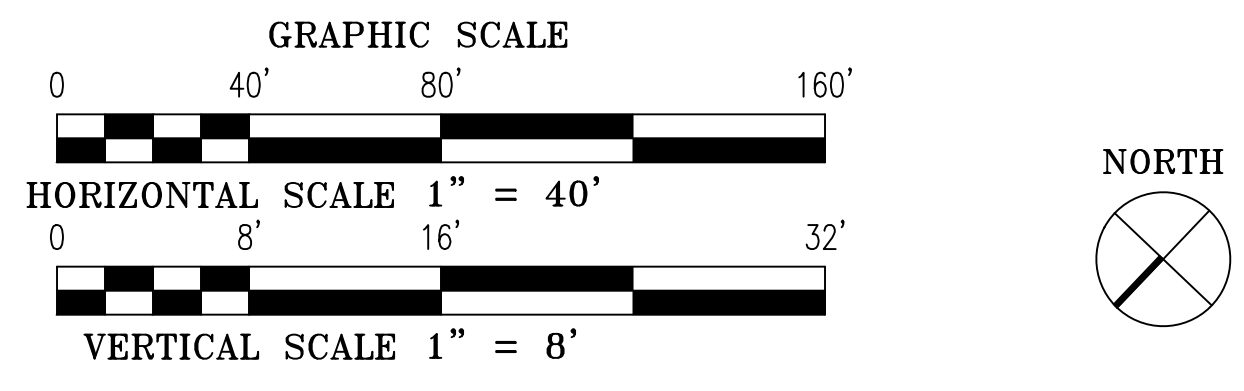
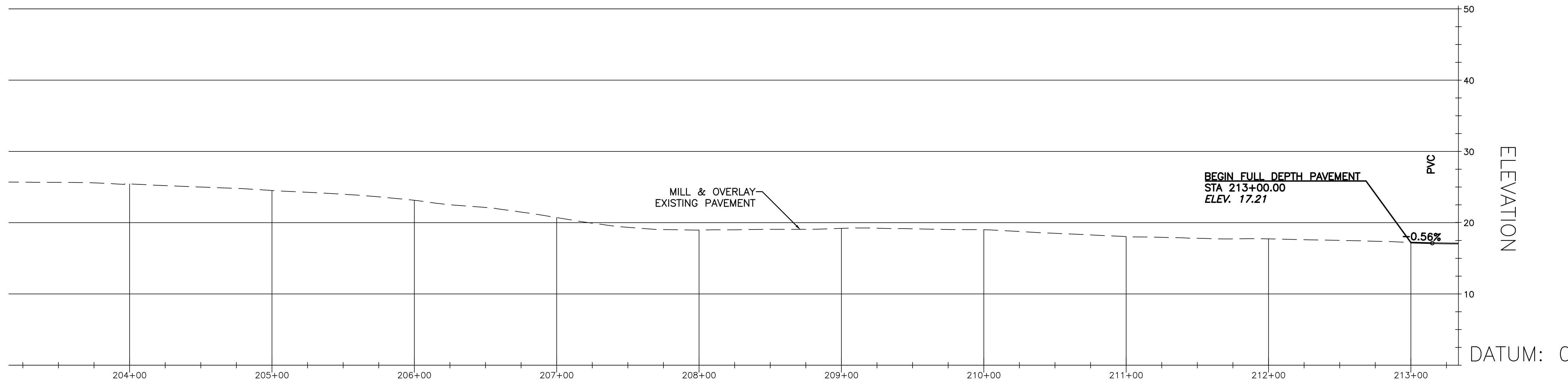
ELEVATION

DATUM: 0



PI STA 209+17.45
 $\Delta = 6'25'24''$ RT
 $T = 224.45'$
 $L = 448.43'$
 $R = 4000.00'$
 $E = 6.29'$

- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)



REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

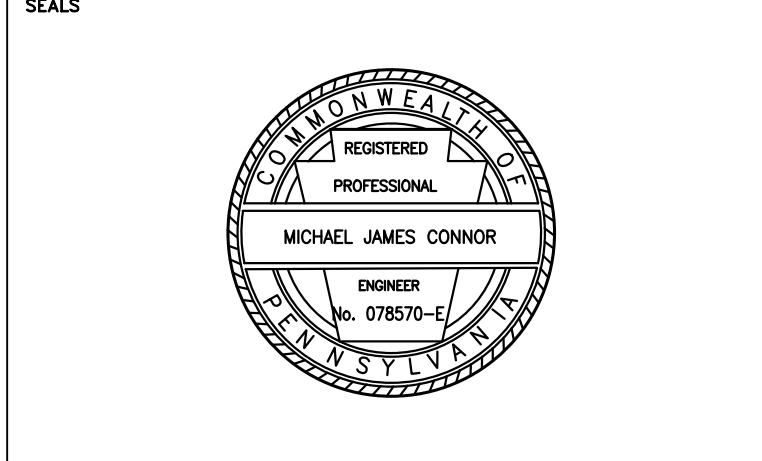


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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



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 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-7
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

PI STA 215+14.43
 $\Delta = 31'17''00''$ RT
 T = 49.00'
 L = 95.55'
 R = 175.00'
 E = 6.73'

PI STA 215+98.26
 $\Delta = 27'54'33''$ RT
 T = 37.27'
 L = 73.07'
 R = 150.00'
 E = 4.56'

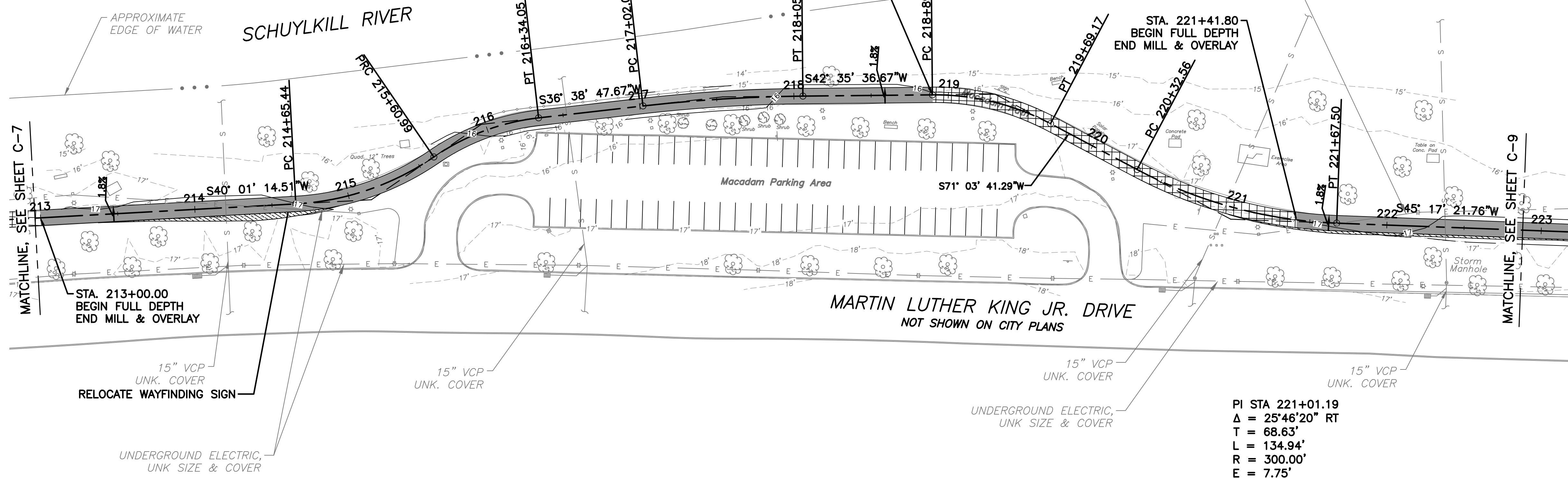
PI STA 217+53.99
 $\Delta = 5'56'49''$ RT
 T = 51.94'
 L = 103.79'
 R = 1000.00'
 E = 1.35'

STA. 218+89.67
 END FULL DEPTH
 BEGIN MILL & OVERLAY

PI STA 219+30.26
 $\Delta = 28'28'05''$ RT
 T = 40.59'
 L = 79.50'
 R = 160.00'
 E = 5.07'

STA. 221+41.80
 BEGIN FULL DEPTH
 END MILL & OVERLAY

PI STA 221+01.19
 $\Delta = 25'46'20''$ RT
 T = 68.63'
 L = 134.94'
 R = 300.00'
 E = 7.75'



LEGEND

- 1.5" MILL & OVERLAY OF EXISTING TRAIL
- FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
- NEW CONCRETE SIDEWALK CONSTRUCTION
- PAVEMENT REMOVAL
- EXISTING LIGHT POLE
- EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

**BID SET
 NOT FOR
 CONSTRUCTION**

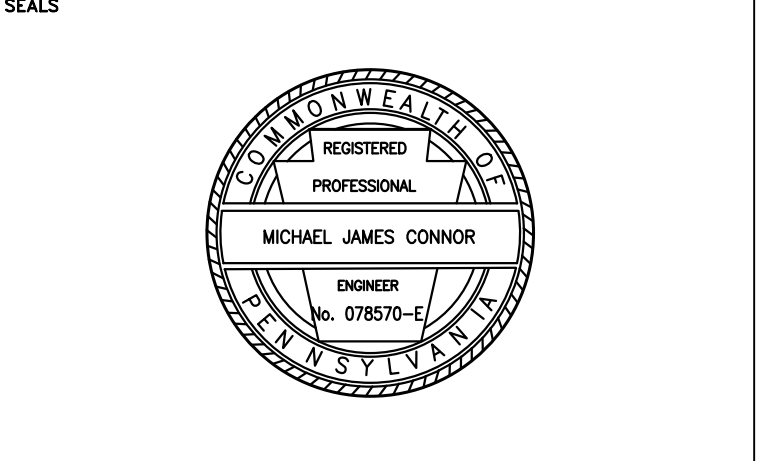


CALL BEFORE YOU DIG!

PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.

Pennsylvania One Call System, Inc.
 1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG

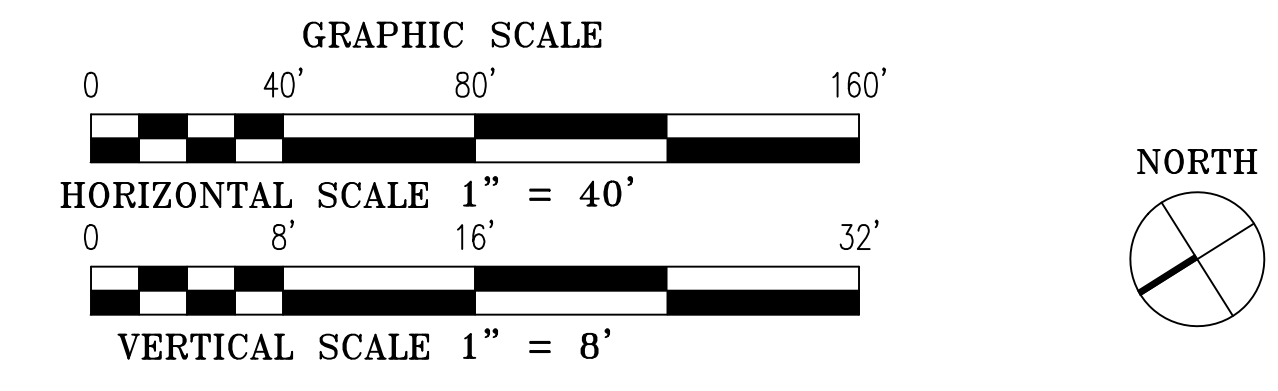
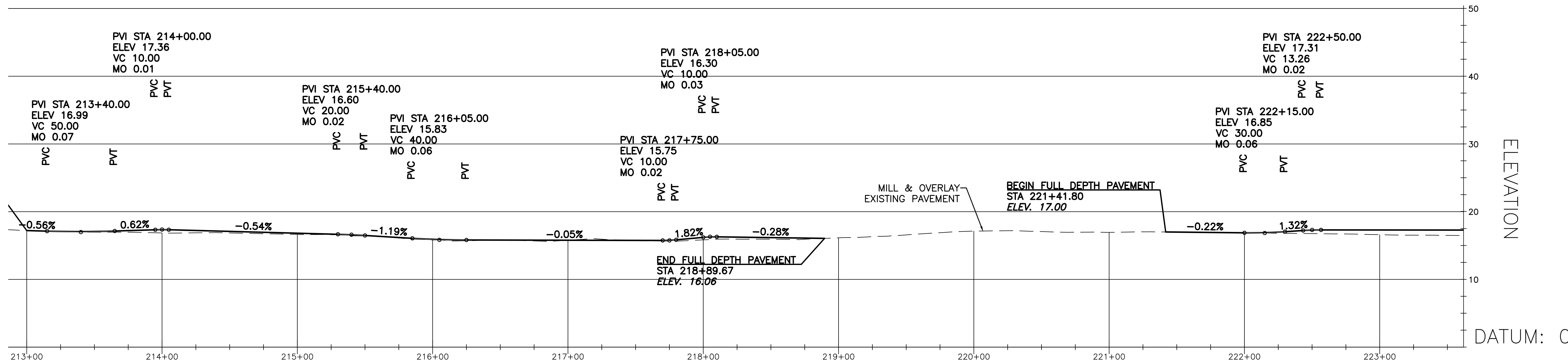


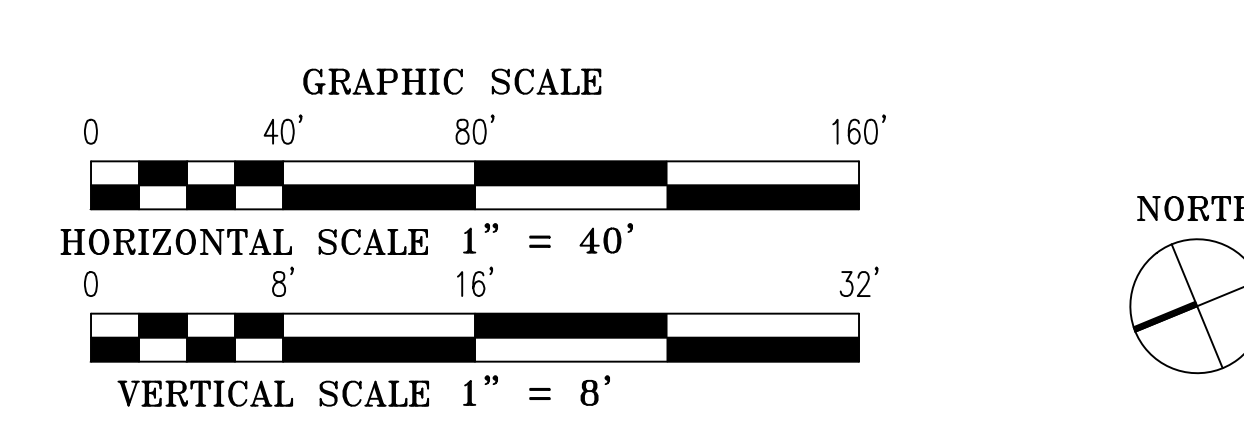
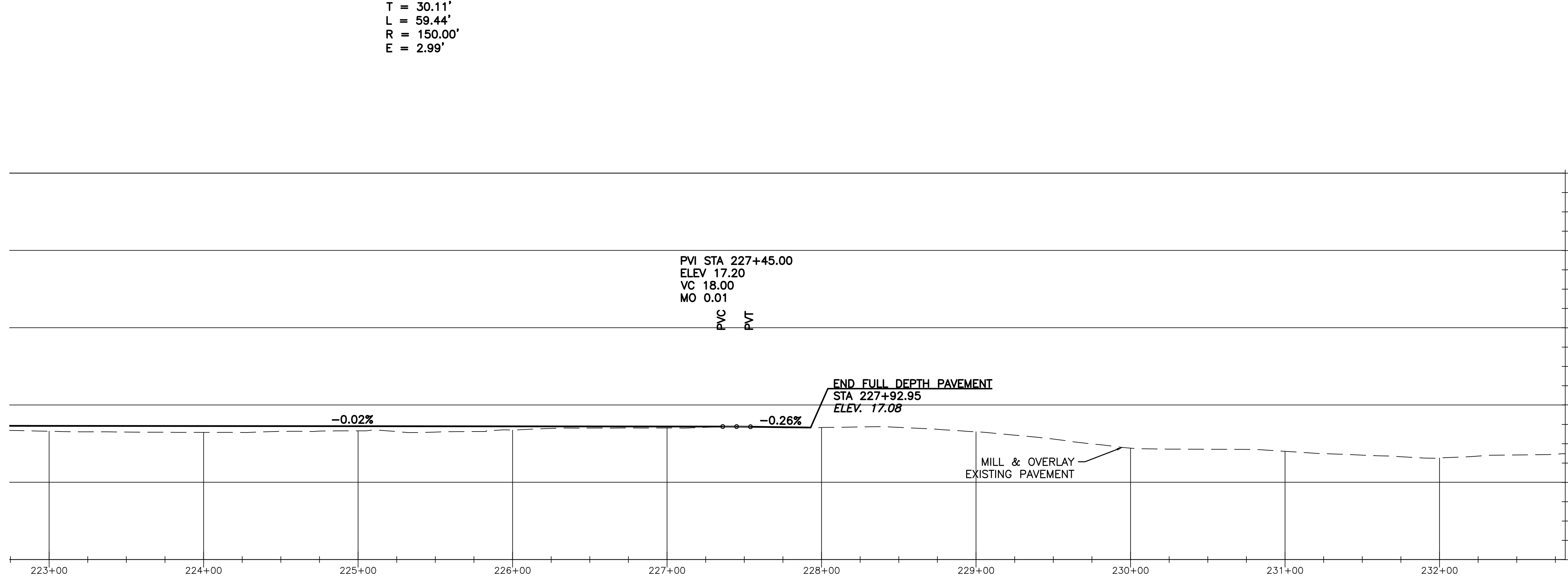
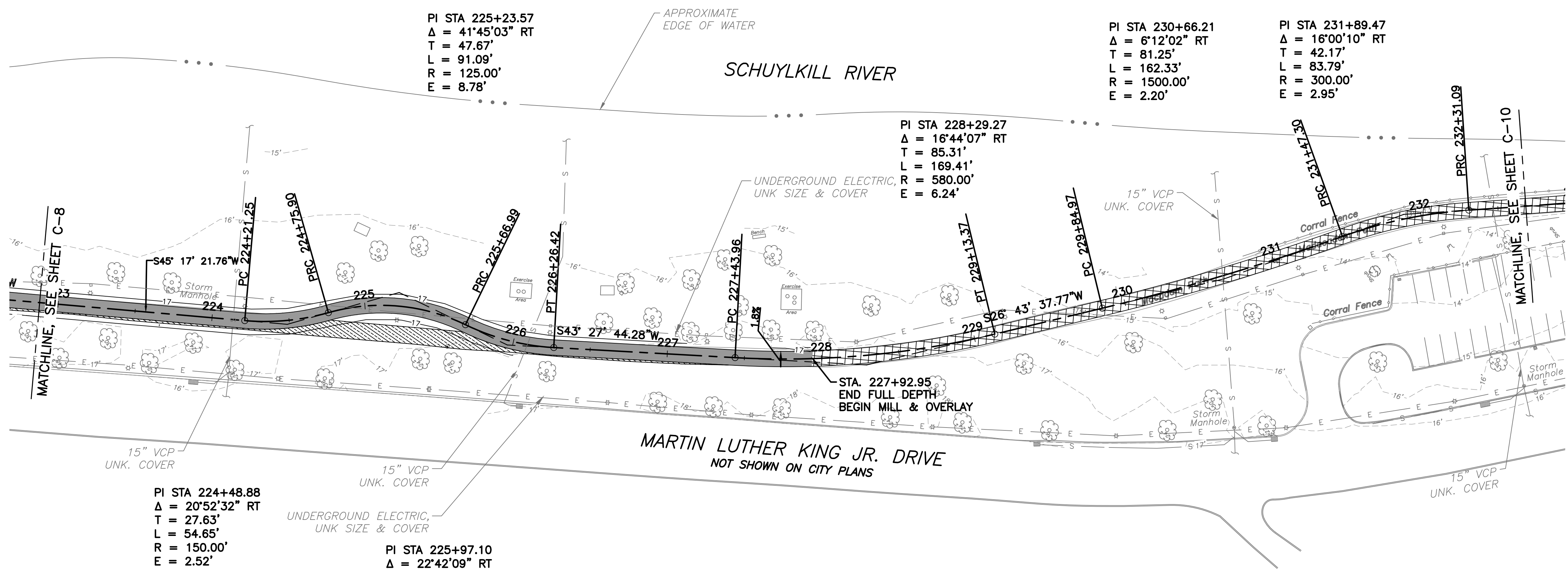
NV5 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
**MLK DRIVE TRAIL
 REHABILITATION
 WEST FAIRMOUNT PARK**

DRAWING TITLE TRAIL PLAN & PROFILE	
PROJECT NO. 17-17-4872-01	DRAWING NO. C-8
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML
<small>NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON THE SITE BEFORE PROCEEDING WITH THE WORK.</small>	





- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

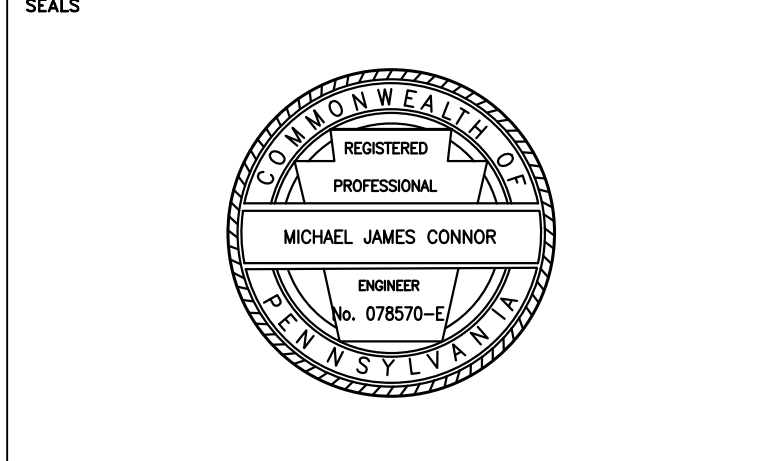


CALL BEFORE YOU DIG!

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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-9
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

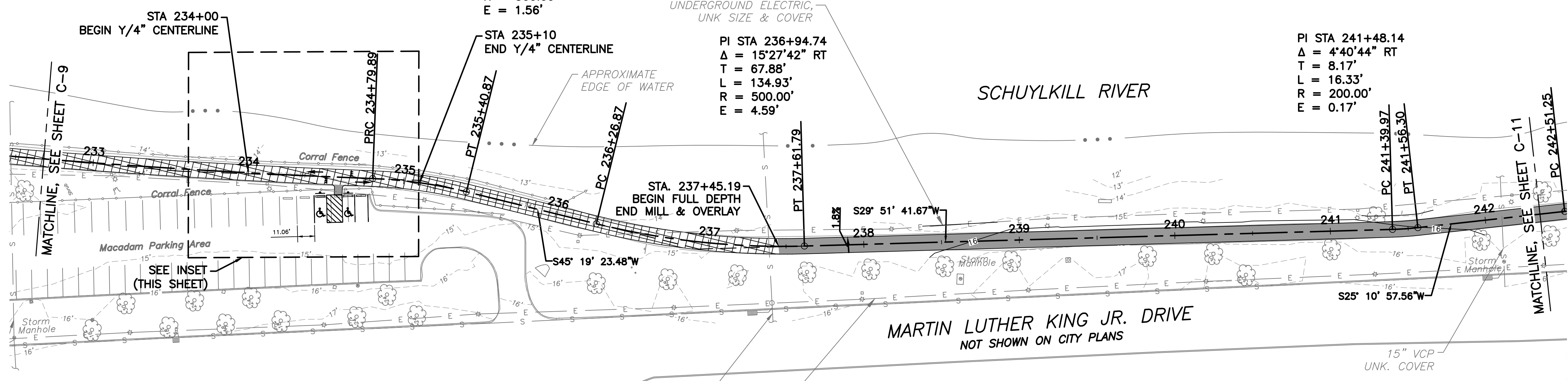
NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE CHECKED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

PI STA 233+55.52
 $\Delta = 2'51'04''$ RT
 $T = 124.43'$
 $L = 248.81'$
 $R = 5000.00'$
 $E = 1.55'$

PI STA 235+10.49
 $\Delta = 11'38'42''$ RT
 $T = 30.59'$
 $L = 60.97'$
 $R = 300.00'$
 $E = 1.56'$

PI STA 236+94.74
 $\Delta = 15'27'42''$ RT
 $T = 67.88'$
 $L = 134.93'$
 $R = 500.00'$
 $E = 4.59'$

PI STA 241+48.14
 $\Delta = 4'40'44''$ RT
 $T = 8.17'$
 $L = 16.33'$
 $R = 200.00'$
 $E = 0.17'$



LEGEND

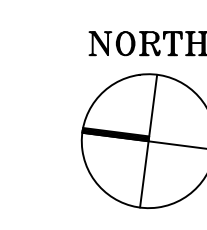
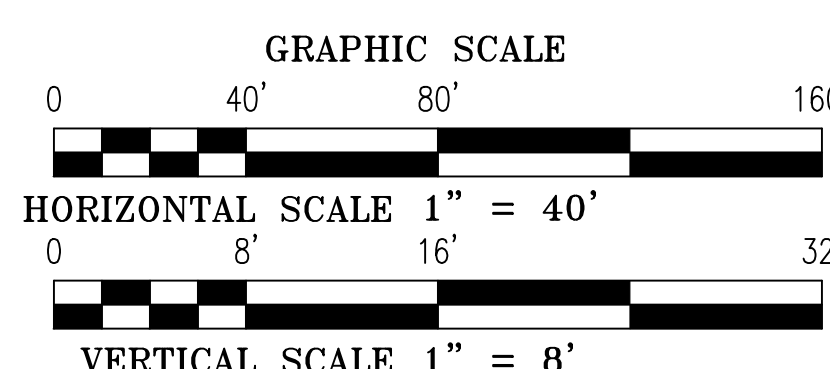
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
- FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
- NEW CONCRETE SIDEWALK CONSTRUCTION
- PAVEMENT REMOVAL
- EXISTING LIGHT POLE
- EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

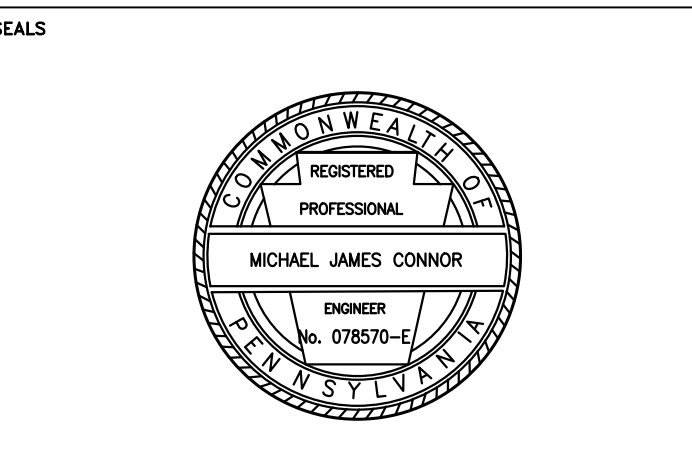
BID SET
NOT FOR
CONSTRUCTION



CALL BEFORE YOU DIG!
 PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.
 Pennsylvania One Call System, Inc.
 1-800-242-1776



PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
 PHILADELPHIA, PA, 19107
 P: 215.259.2776 WWW.NV5.COM

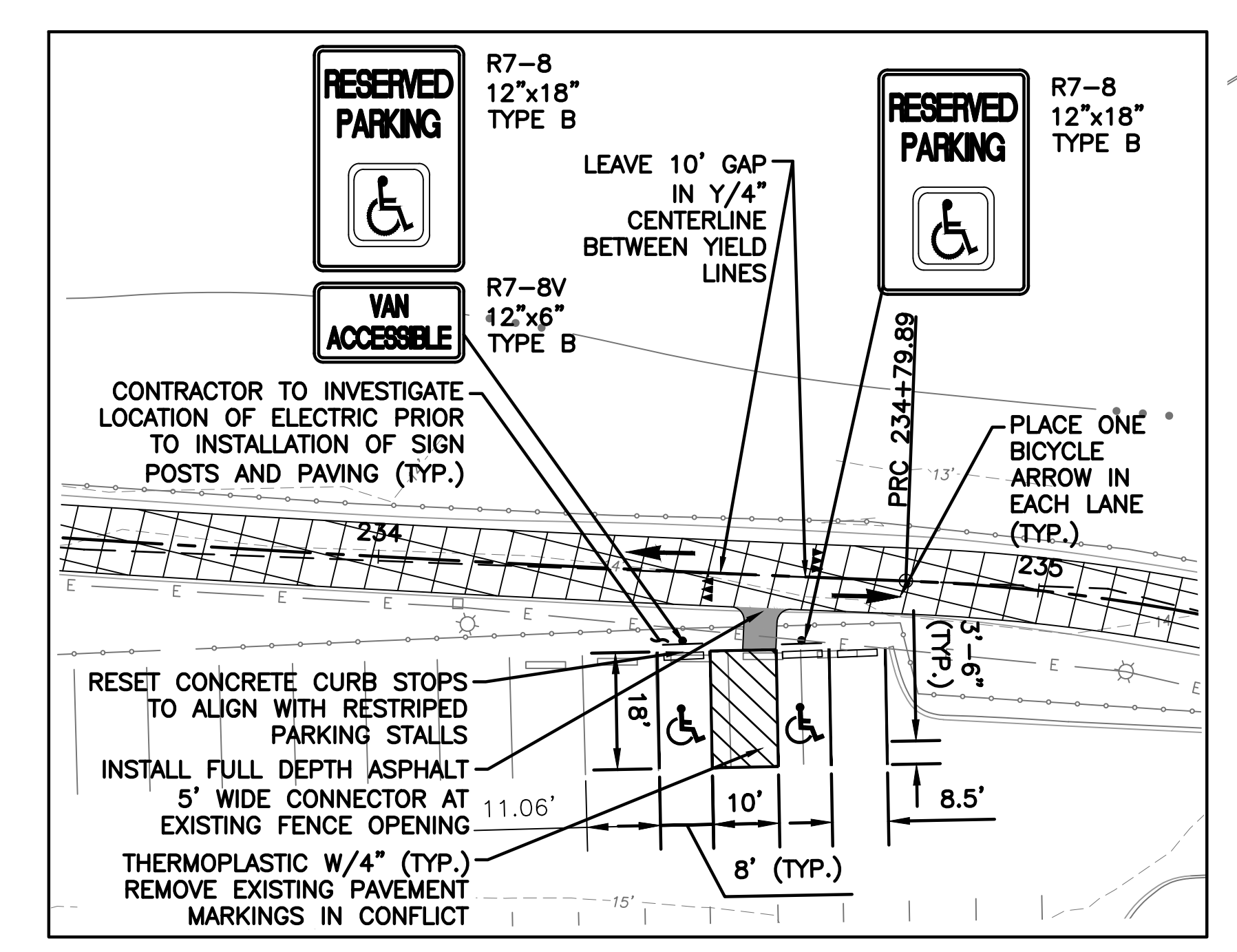
CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

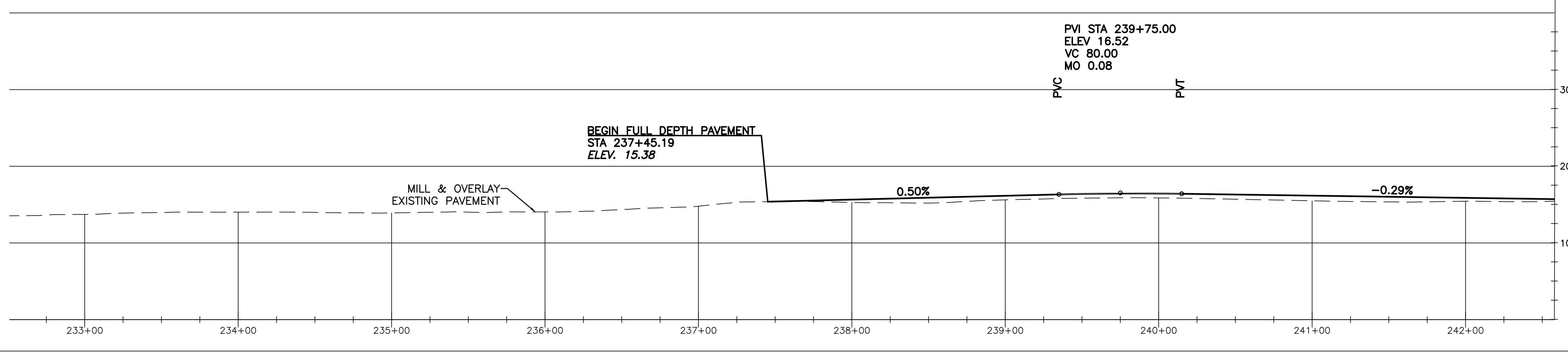
DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-10
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE CONFIRMED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

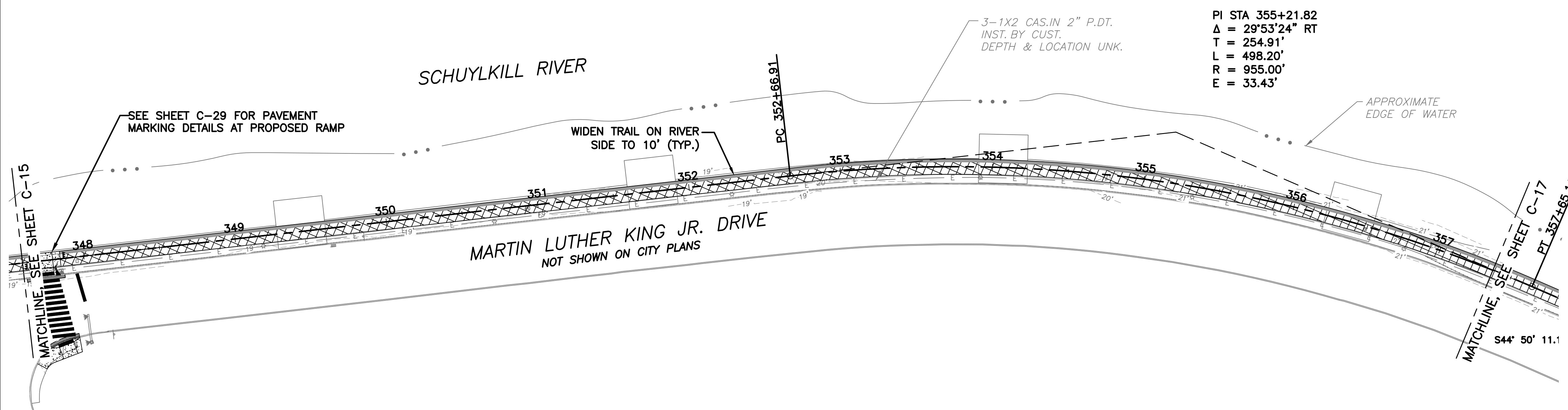


INSET - PARKING LOT ADA ACCESS DETAIL
 SCALE: 1" = 20'



ELEVATION

DATUM: 0



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

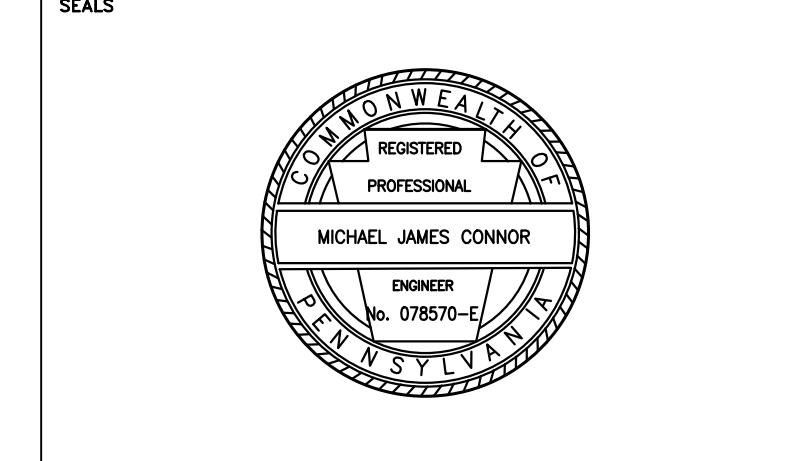


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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



NIV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NIV5.COM

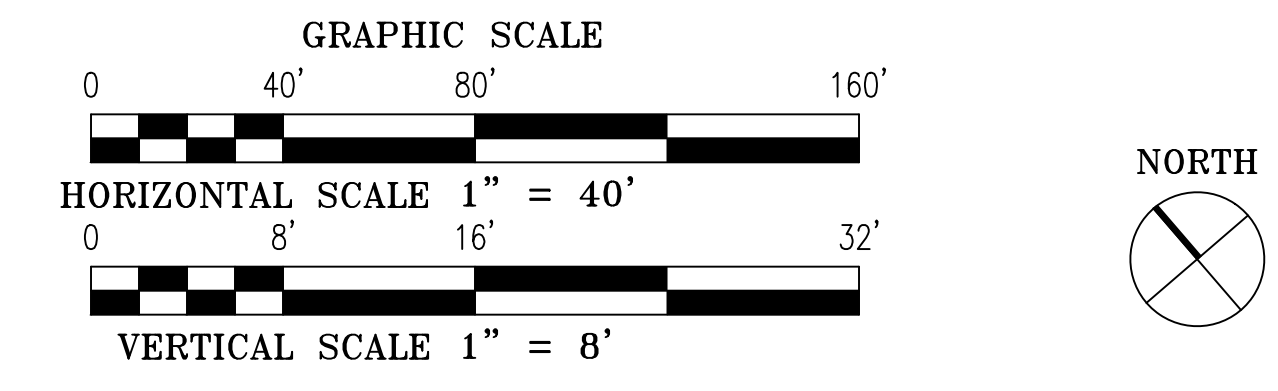
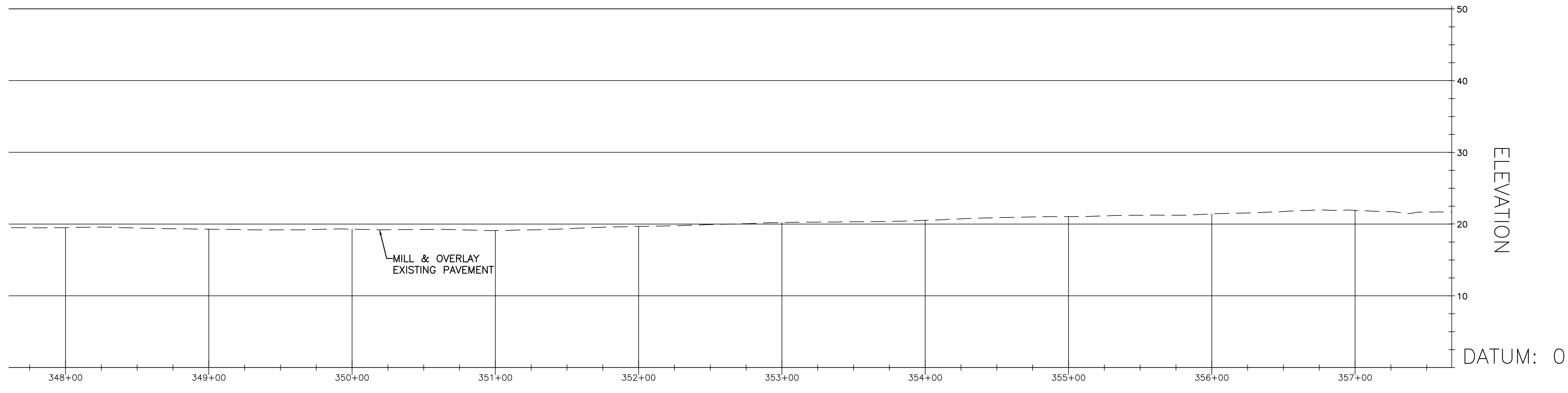
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-16
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE CONFIRMED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

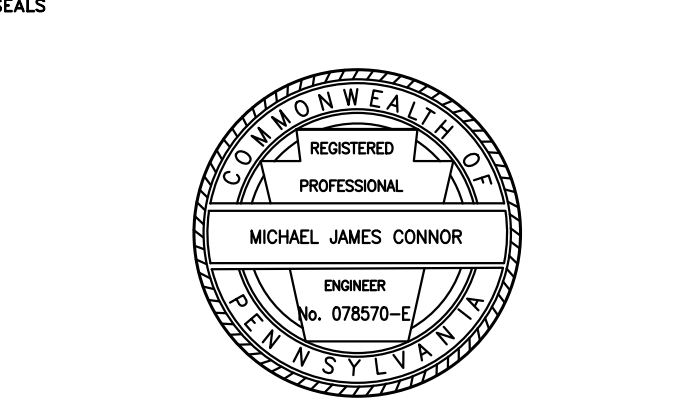


CALL BEFORE YOU DIG!

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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



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CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

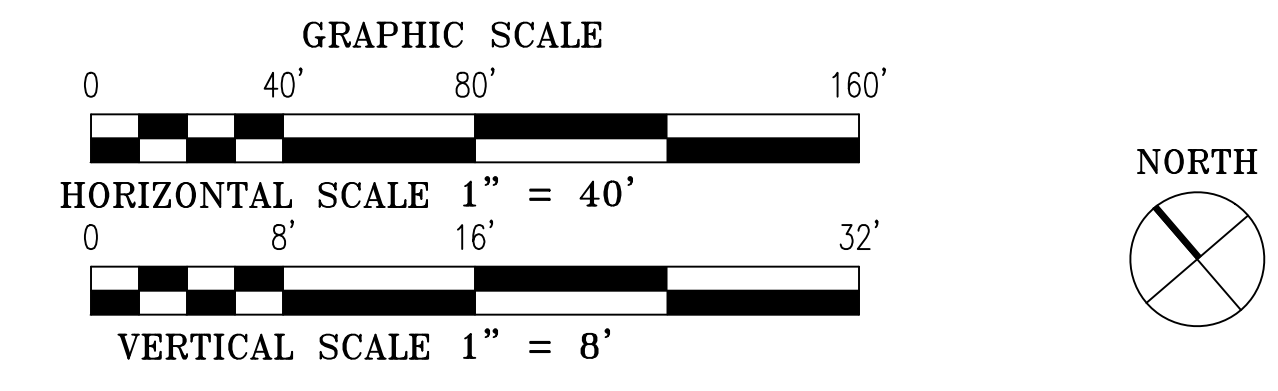
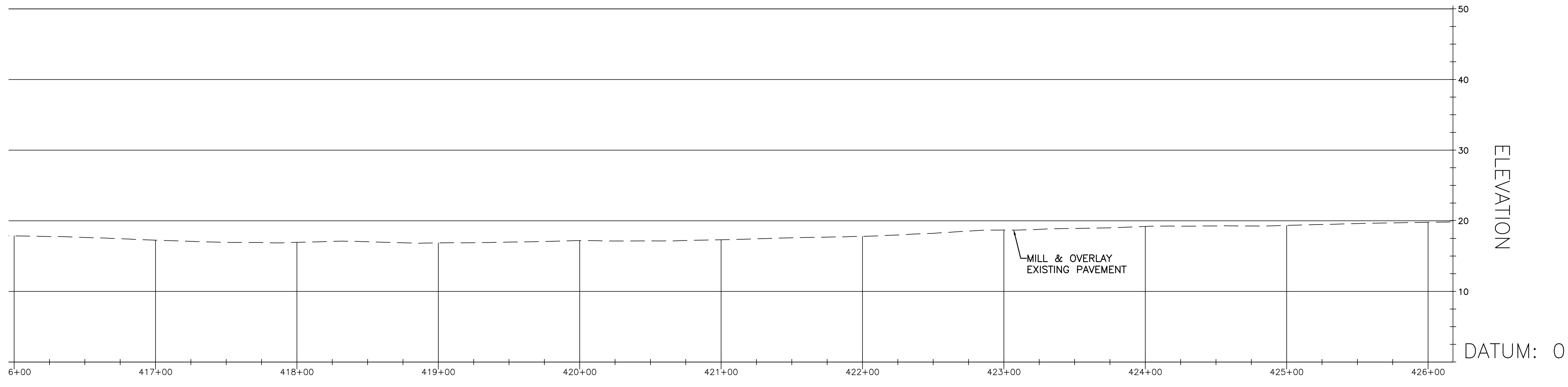
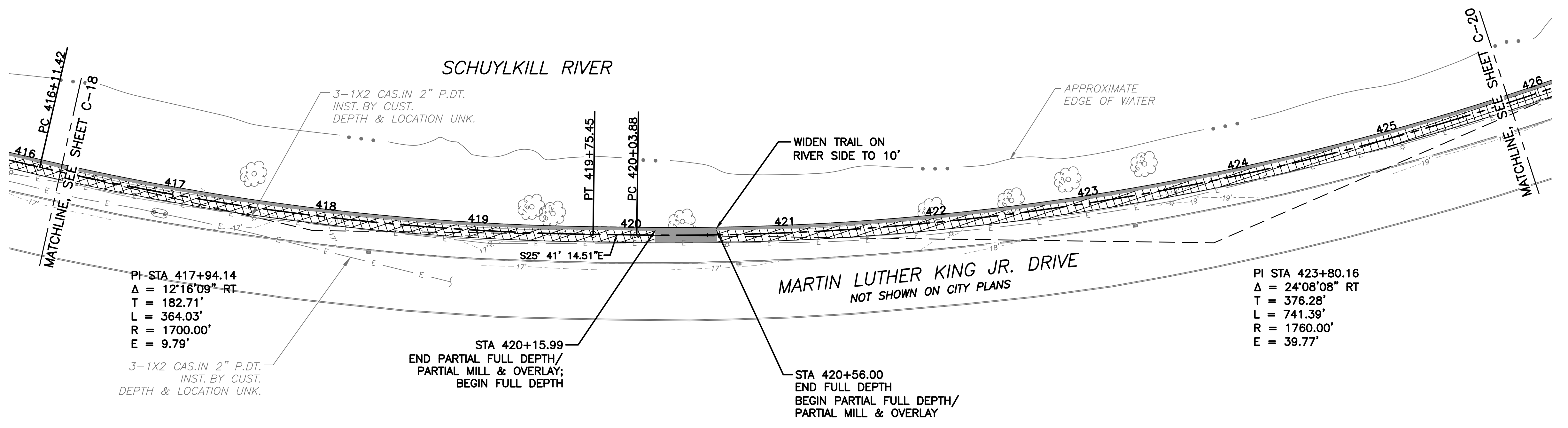
PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

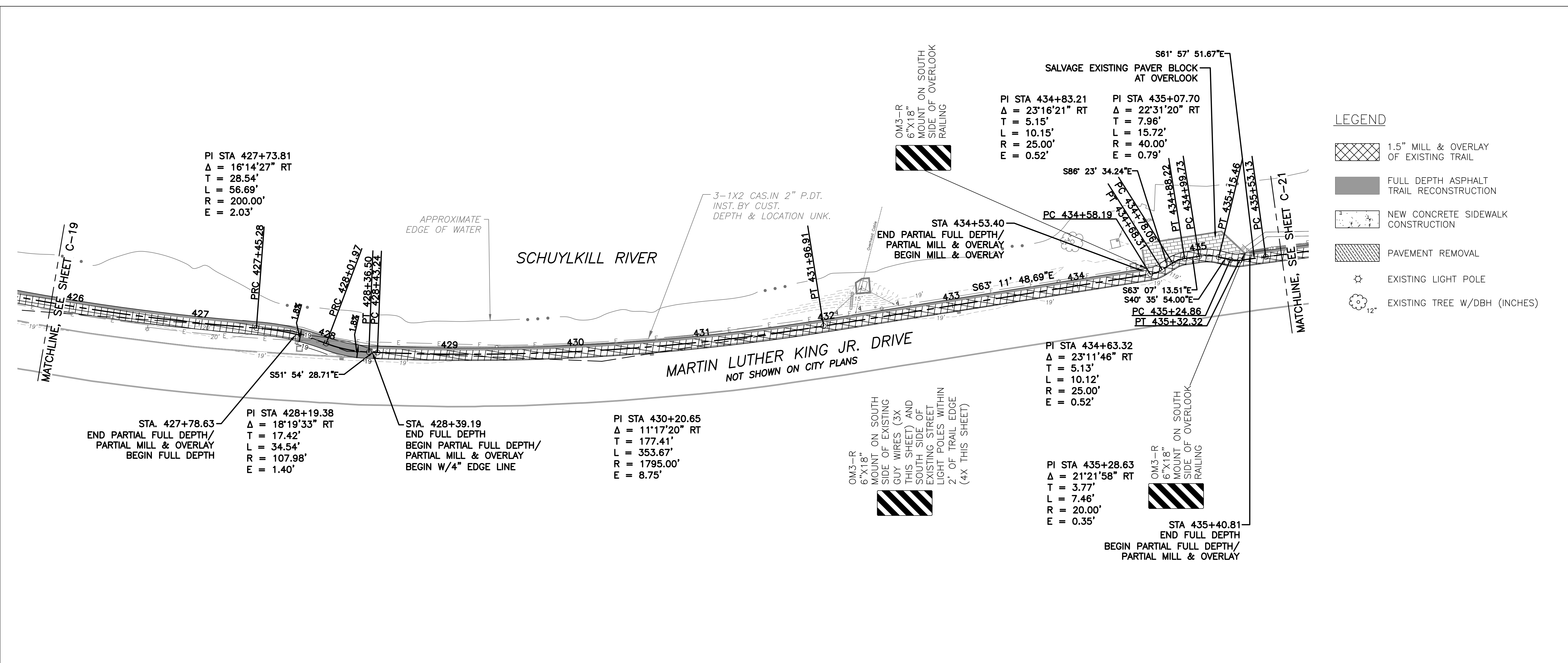
DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-19
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)





- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

**BID SET
NOT FOR
CONSTRUCTION**

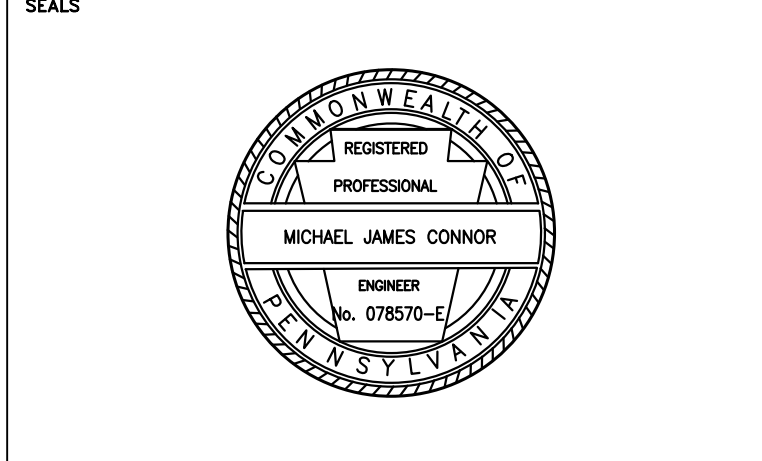


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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR **ROB ARMSTRONG**



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

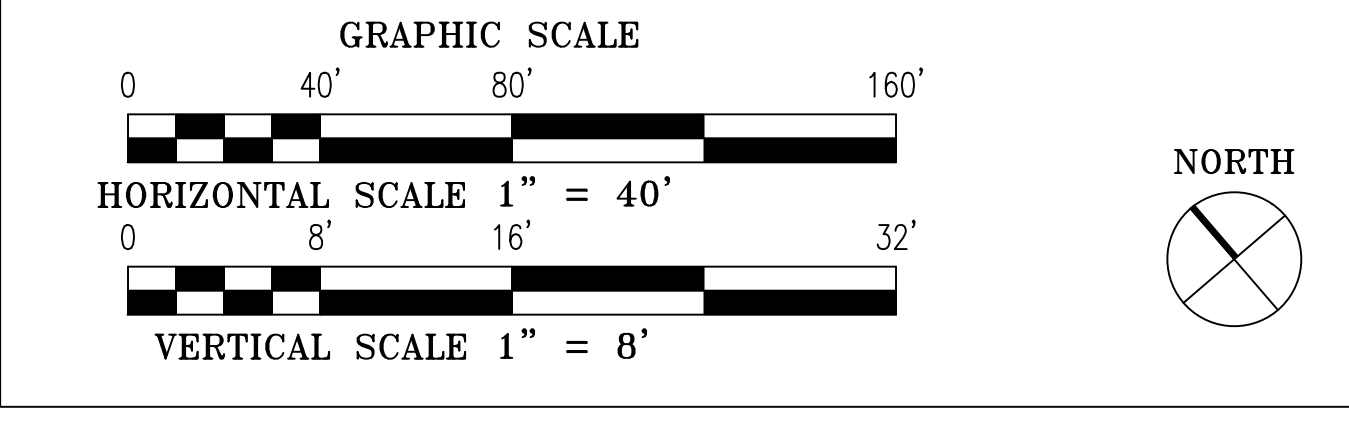
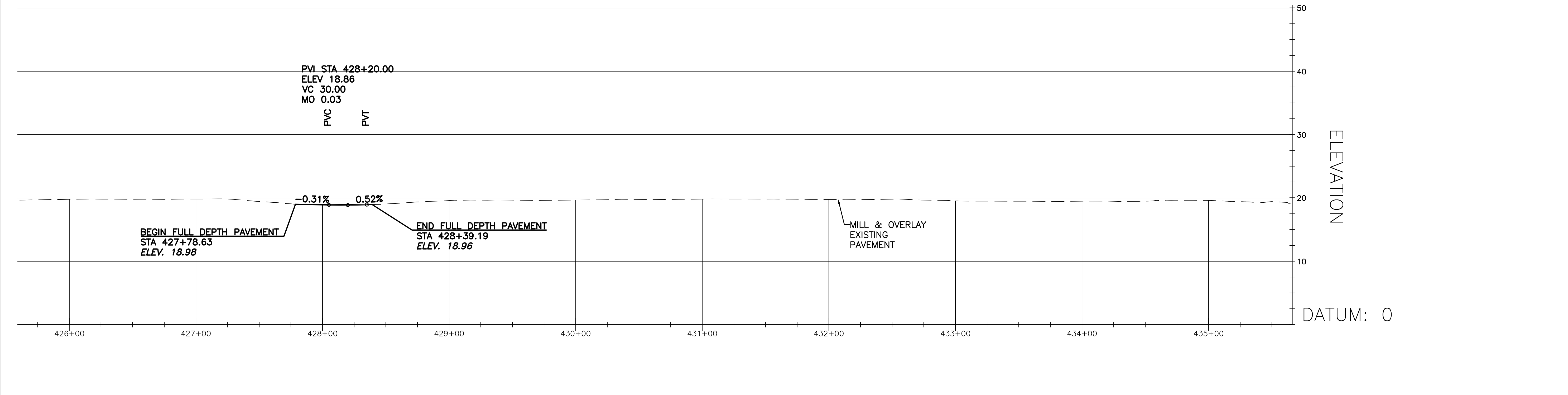
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

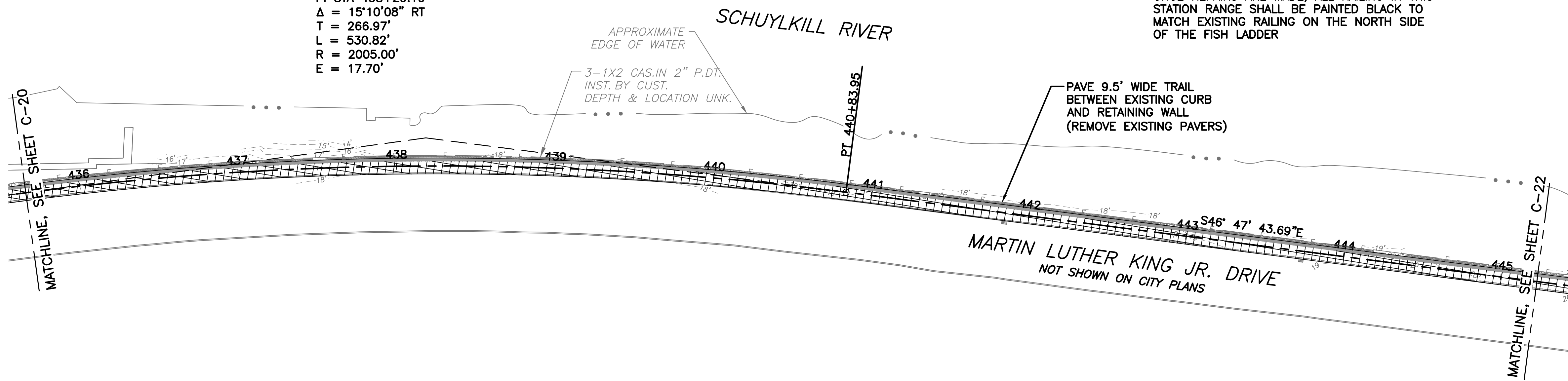
DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-20
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE CONFIRMED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



PI STA 438+20.10
 $\Delta = 15^{\circ}10'08''$ RT
 $T = 266.97'$
 $L = 530.82'$
 $R = 2005.00'$
 $E = 17.70'$



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

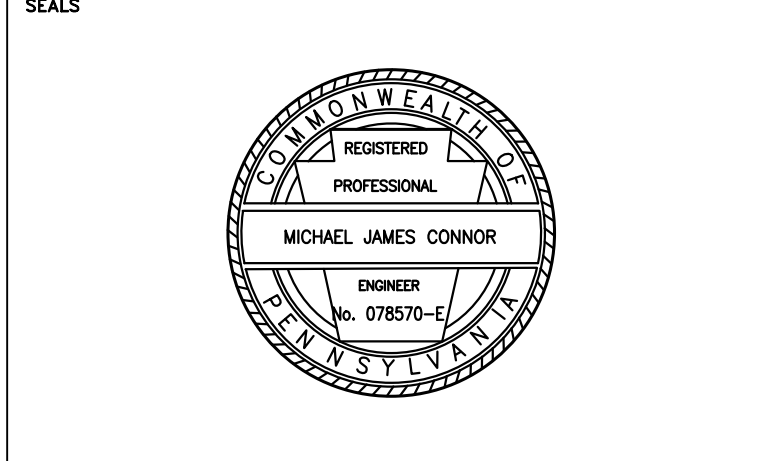


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1-800-242-1776

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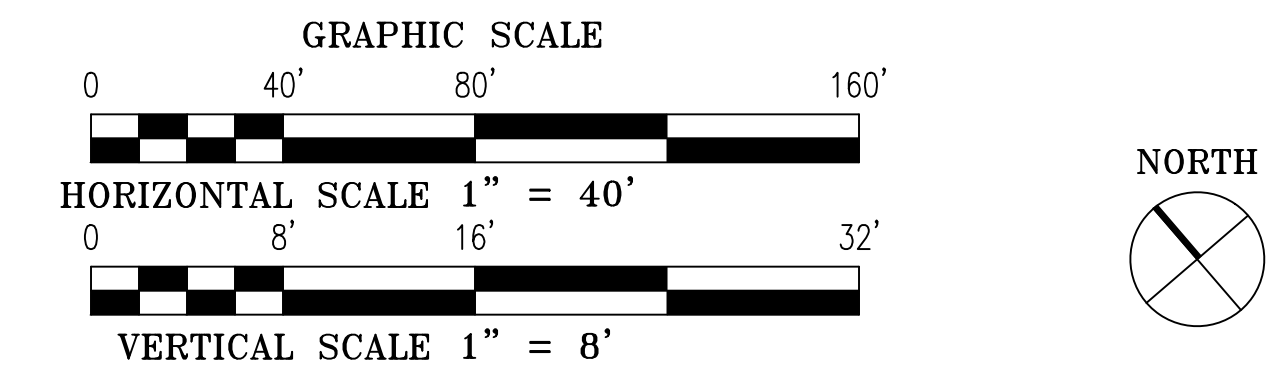
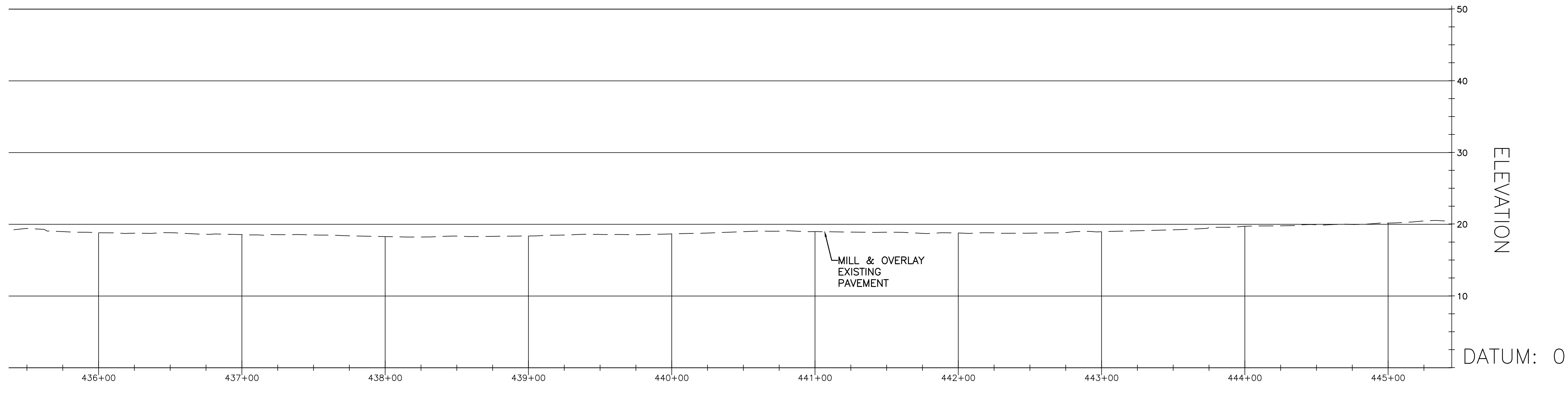
CITY OF PHILADELPHIA
 DEPARTMENT OF PUBLIC PROPERTY
 1515 ARCH STREET
 11TH FLOOR, ONE PARKWAY BUILDING
 PHILADELPHIA PENNSYLVANIA

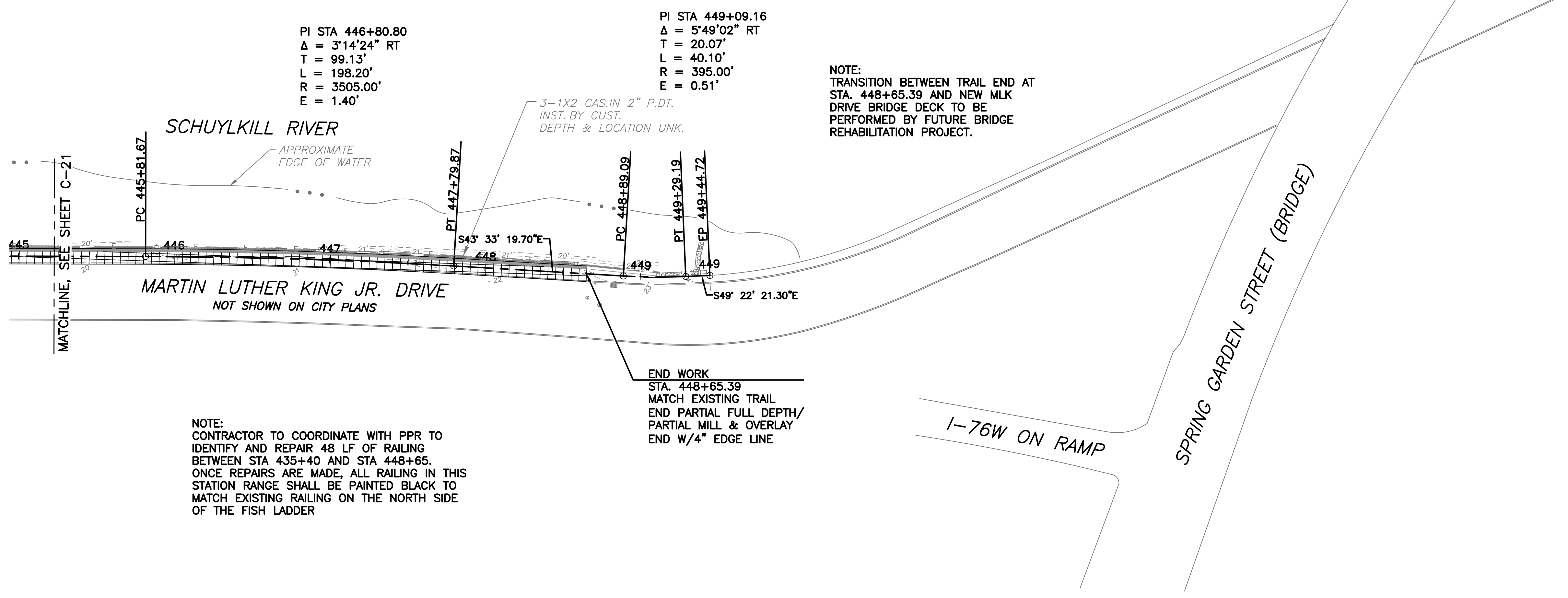
PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-21
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

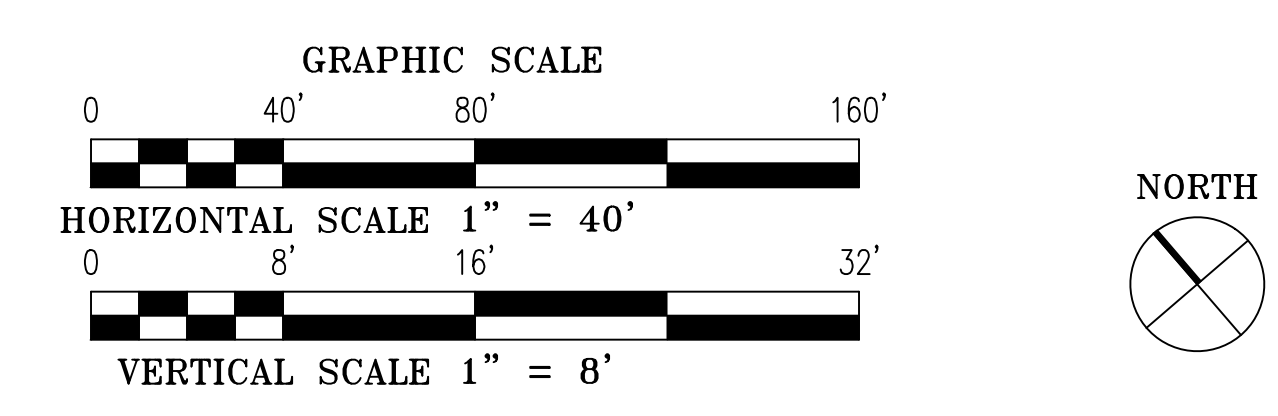
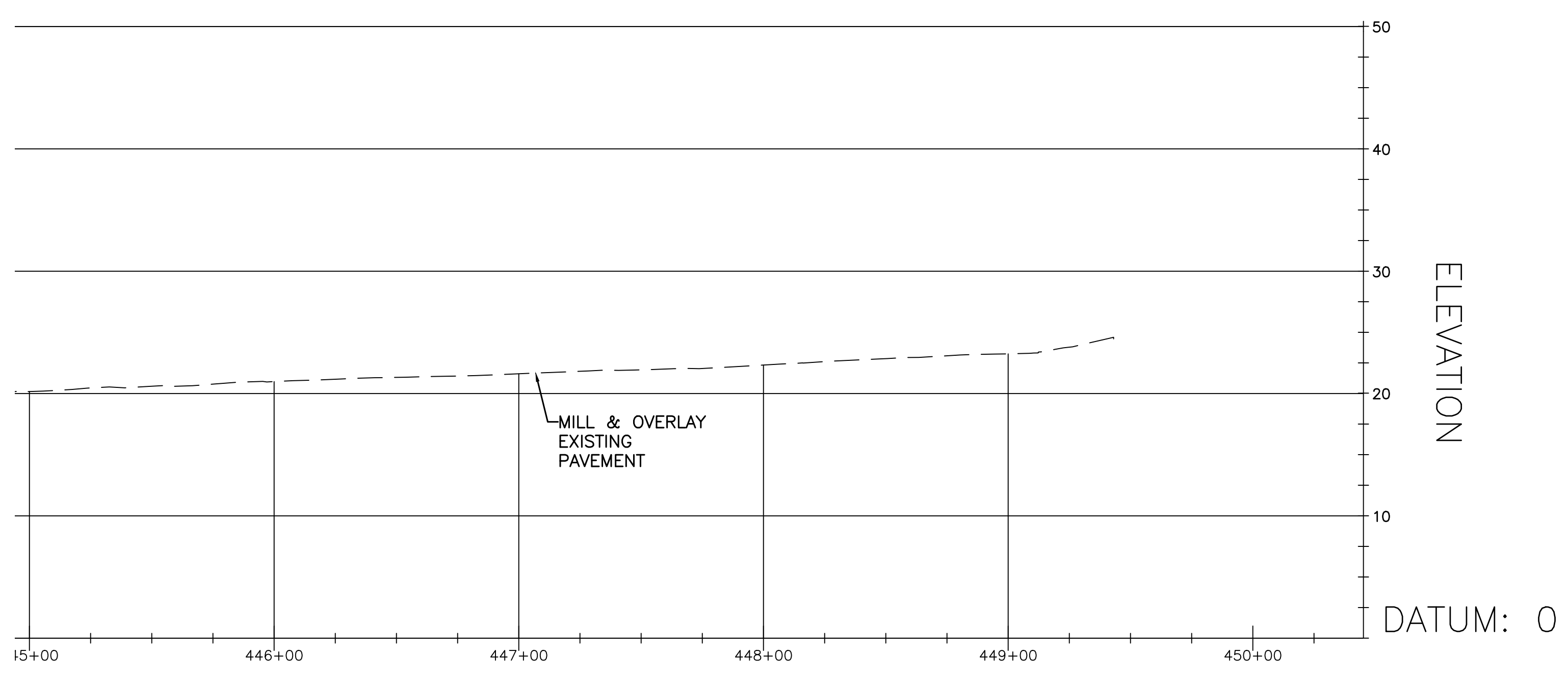




NOTE:
CONTRACTOR TO COORDINATE WITH PPR TO IDENTIFY AND REPAIR 48 LF OF RAILING BETWEEN STA 435+40 AND STA 448+65. ONCE REPAIRS ARE MADE, ALL RAILING IN THIS STATION RANGE SHALL BE PAINTED BLACK TO MATCH EXISTING RAILING ON THE NORTH SIDE OF THE FISH LADDER

END WORK
STA. 448+65.39
MATCH EXISTING TRAIL
END PARTIAL FULL DEPTH/
PARTIAL MILL & OVERLAY
END W/4" EDGE LINE

NOTE:
TRANSITION BETWEEN TRAIL END AT STA. 448+65.39 AND NEW MLK DRIVE BRIDGE DECK TO BE PERFORMED BY FUTURE BRIDGE REHABILITATION PROJECT.



- LEGEND**
- 1.5" MILL & OVERLAY OF EXISTING TRAIL
 - FULL DEPTH ASPHALT TRAIL RECONSTRUCTION
 - NEW CONCRETE SIDEWALK CONSTRUCTION
 - PAVEMENT REMOVAL
 - EXISTING LIGHT POLE
 - EXISTING TREE W/DBH (INCHES)

REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

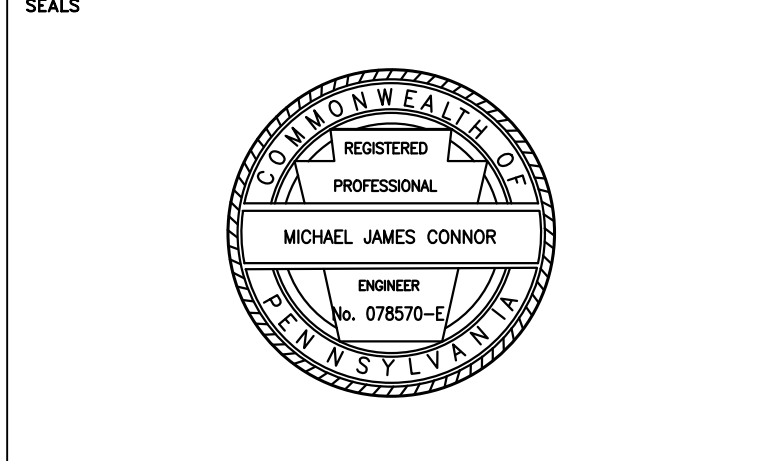


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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

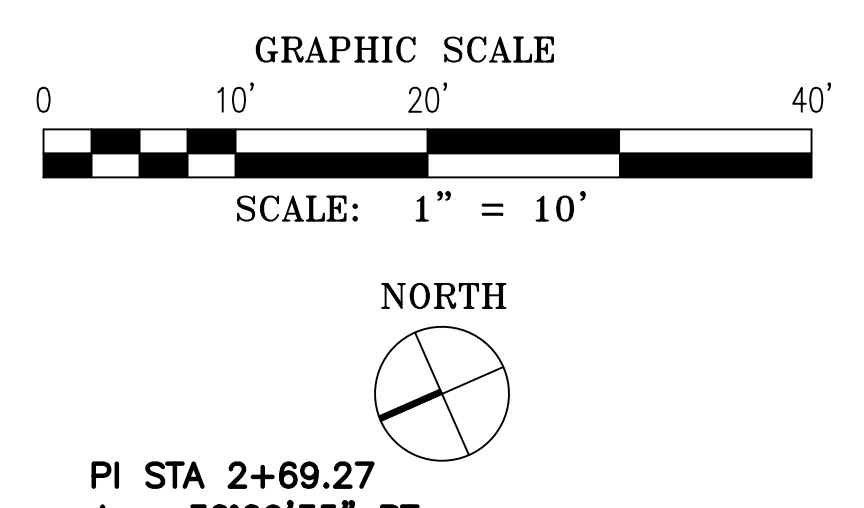
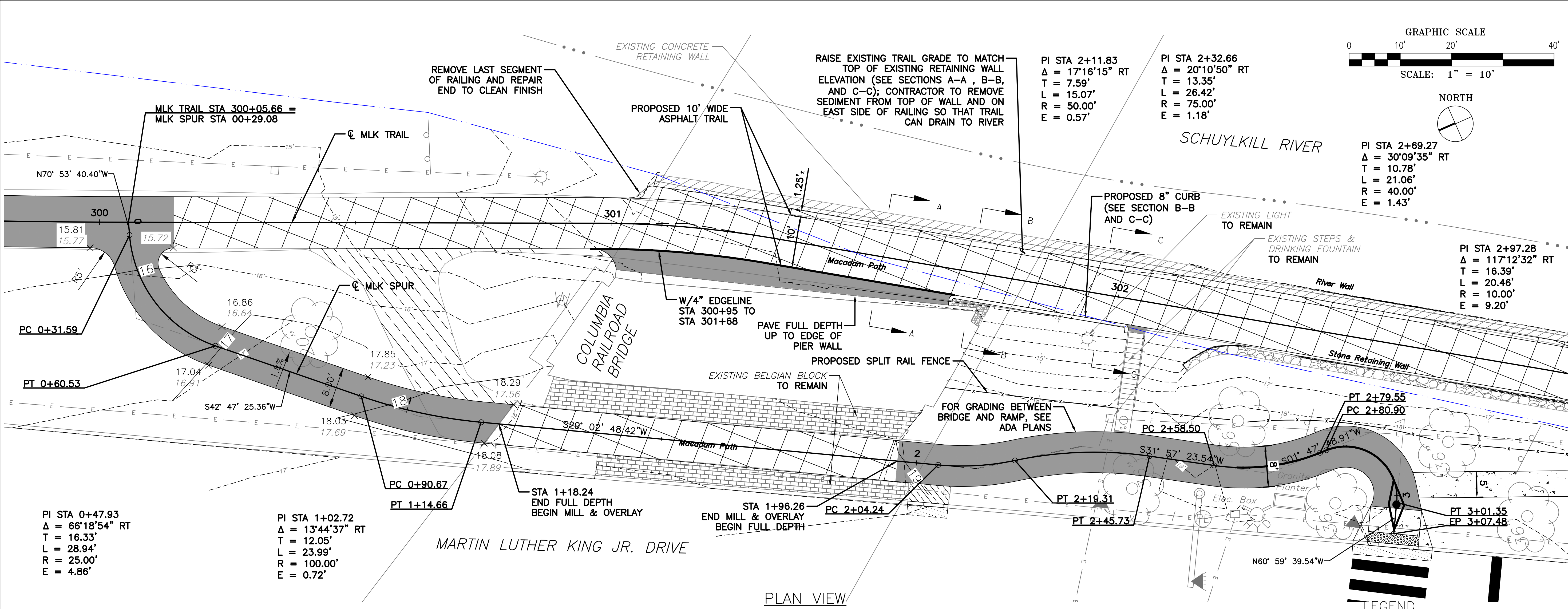
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
TRAIL PLAN & PROFILE

PROJECT NO. 17-17-4872-01	DRAWING NO. C-22
DATE 8/03/2020	
SCALE AS SHOWN	
DRAWN BY CS	
CHECKED BY ML	

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



REVISIONS		
ISSUE	DATE	REVISIONS

**BID SET
NOT FOR
CONSTRUCTION**

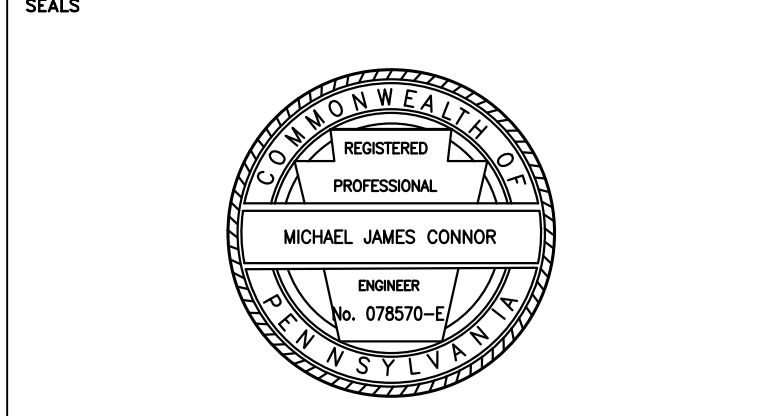


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Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR: **ROB ARMSTRONG**



NV|5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
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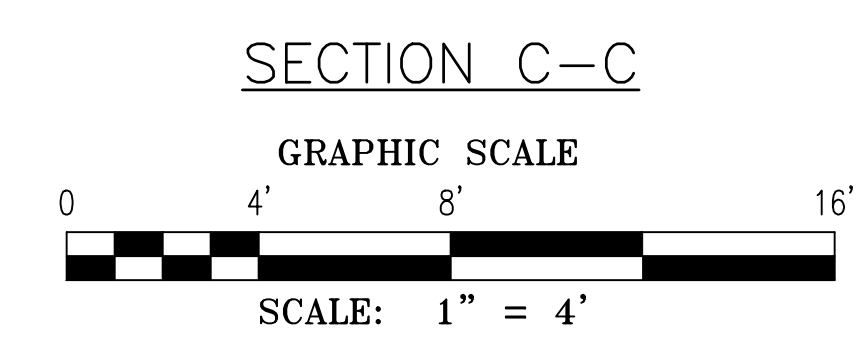
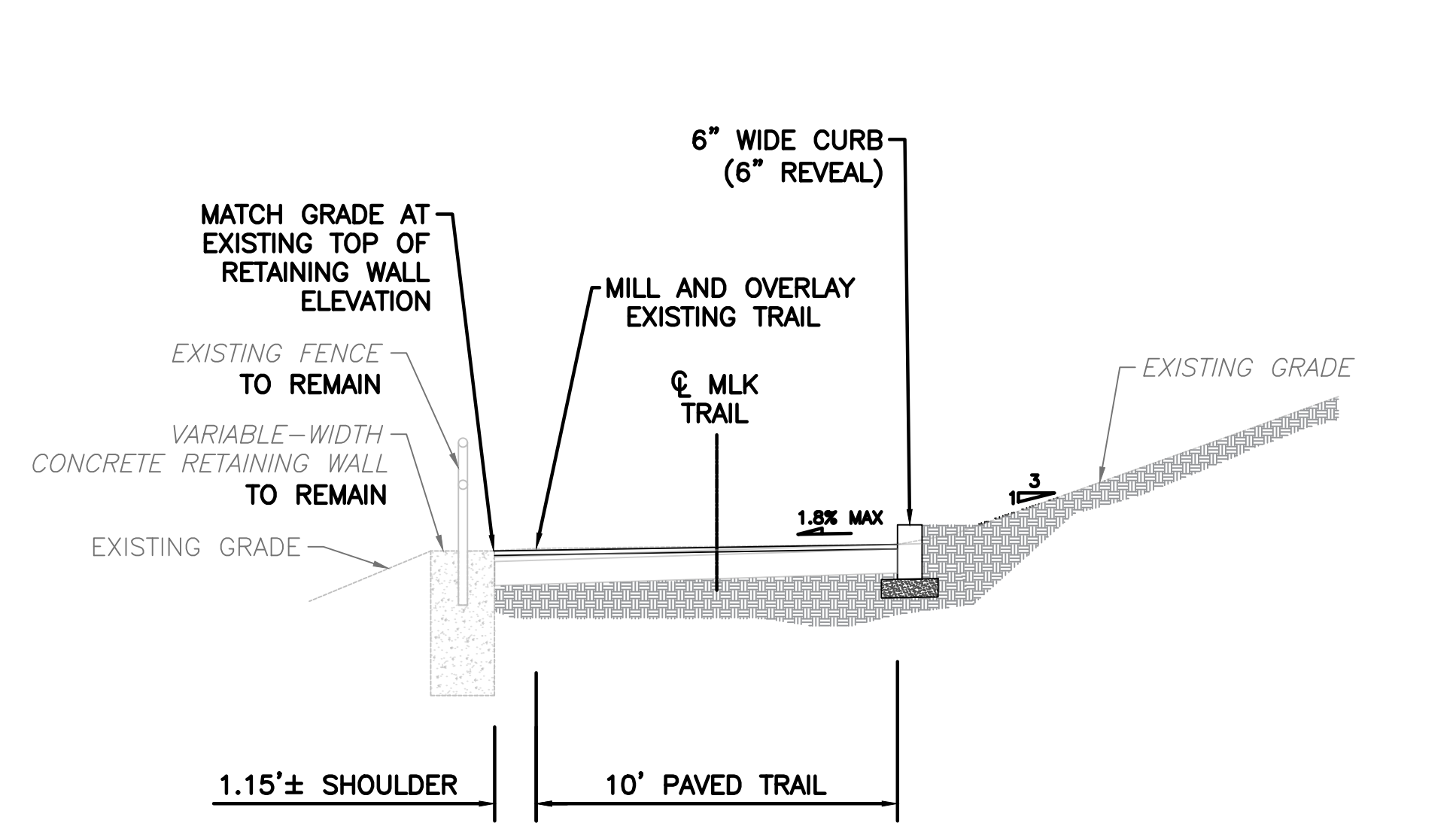
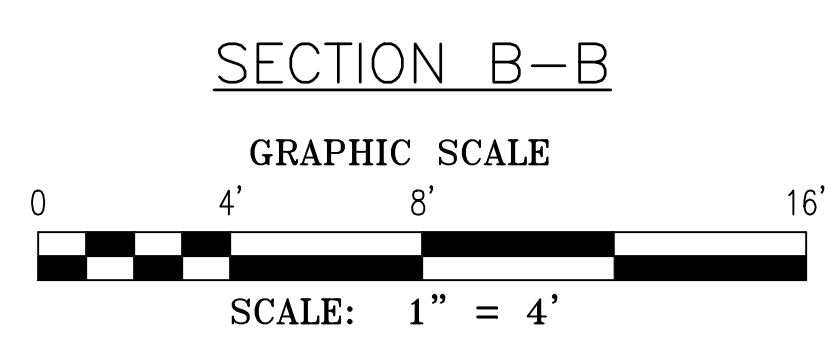
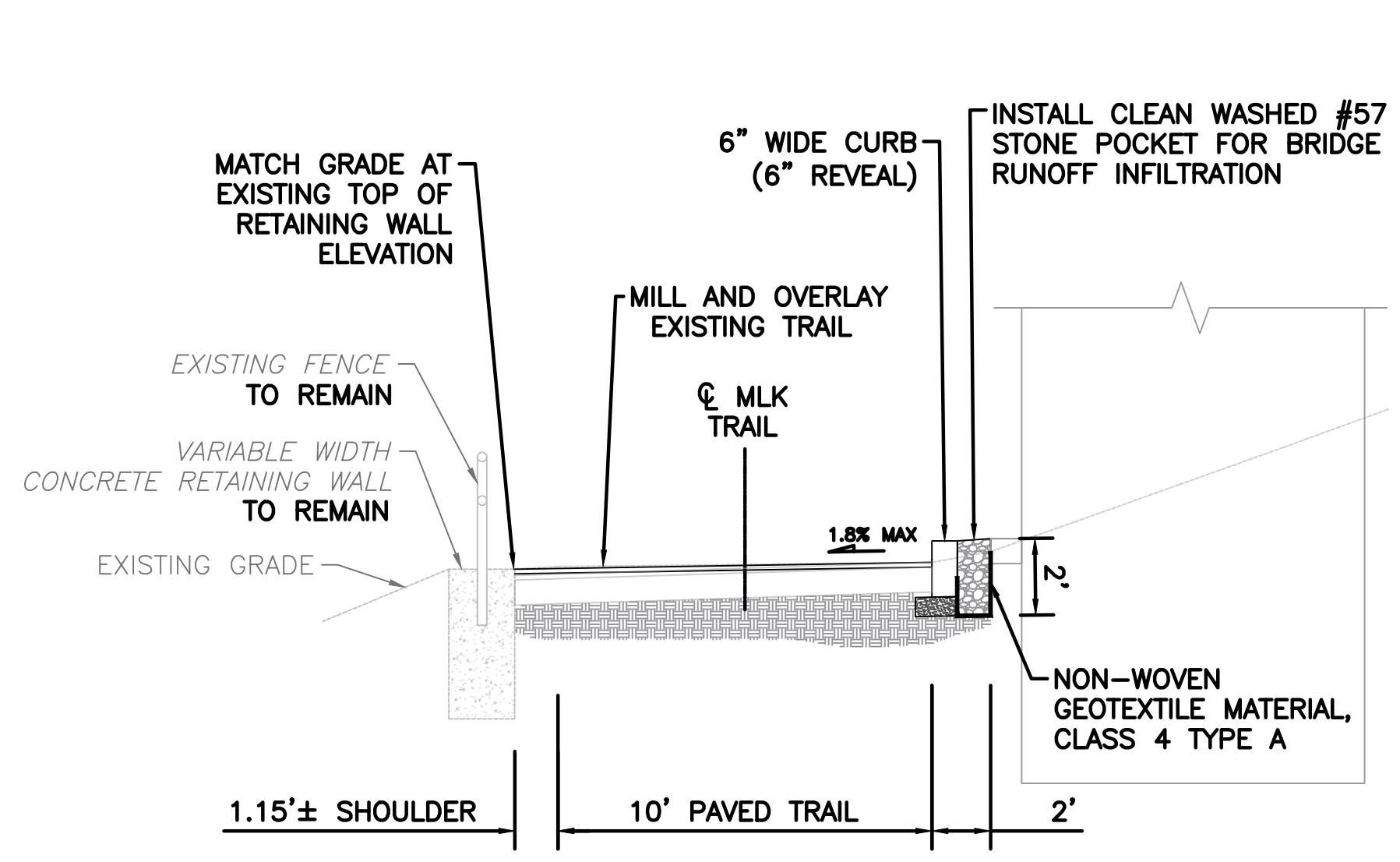
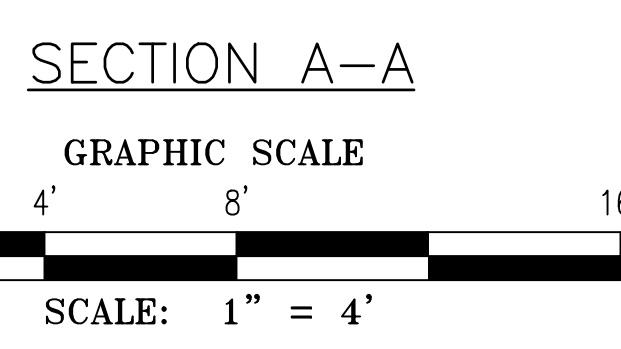
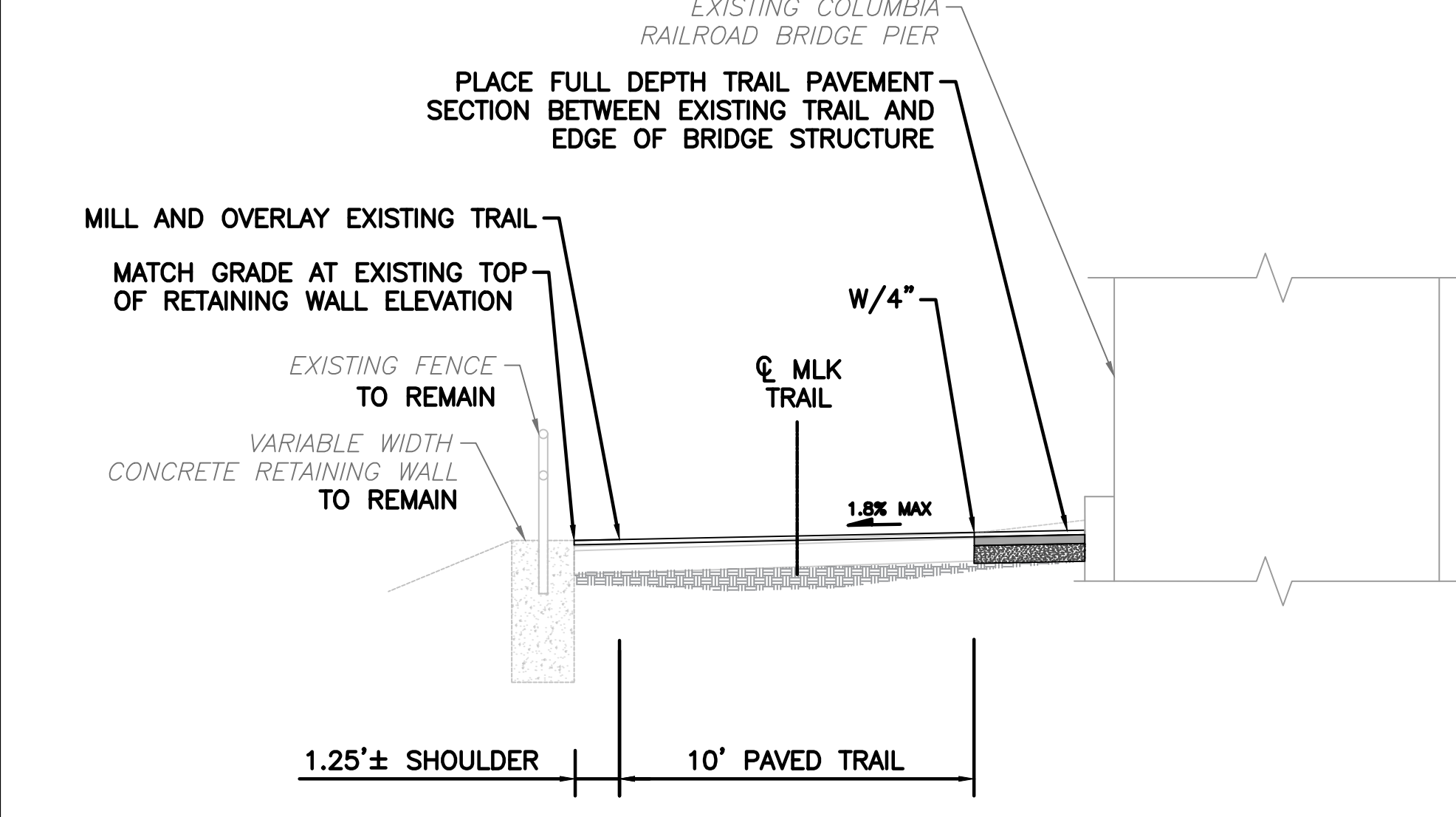
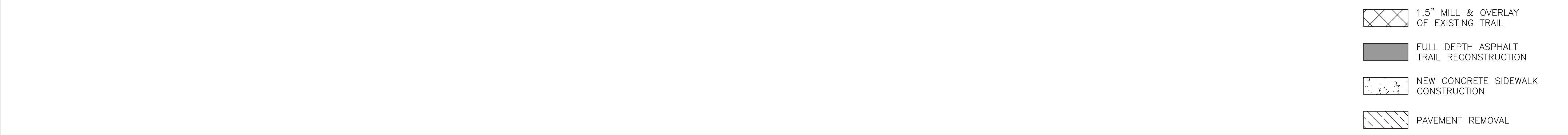
CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

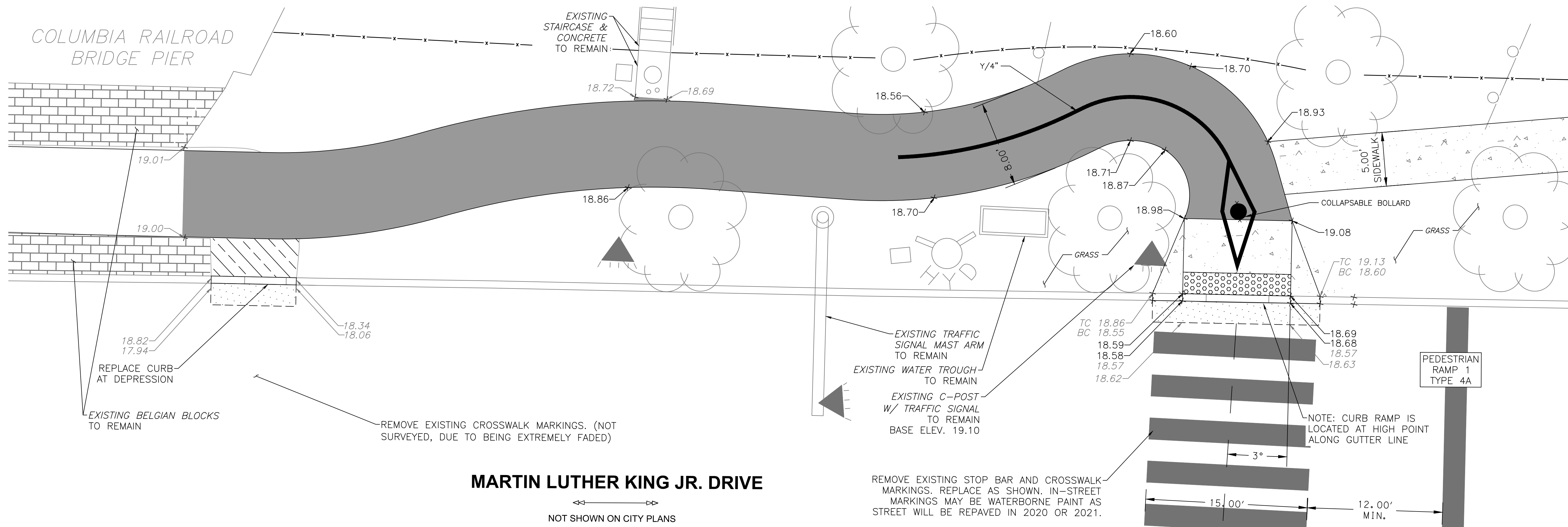
PROJECT TITLE
**MLK DRIVE TRAIL REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
**TRAIL DETAIL AT
COLUMBIA R.R. BRIDGE**

PROJECT NO. 17-17-4872-01	DRAWING NO. C-23
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.





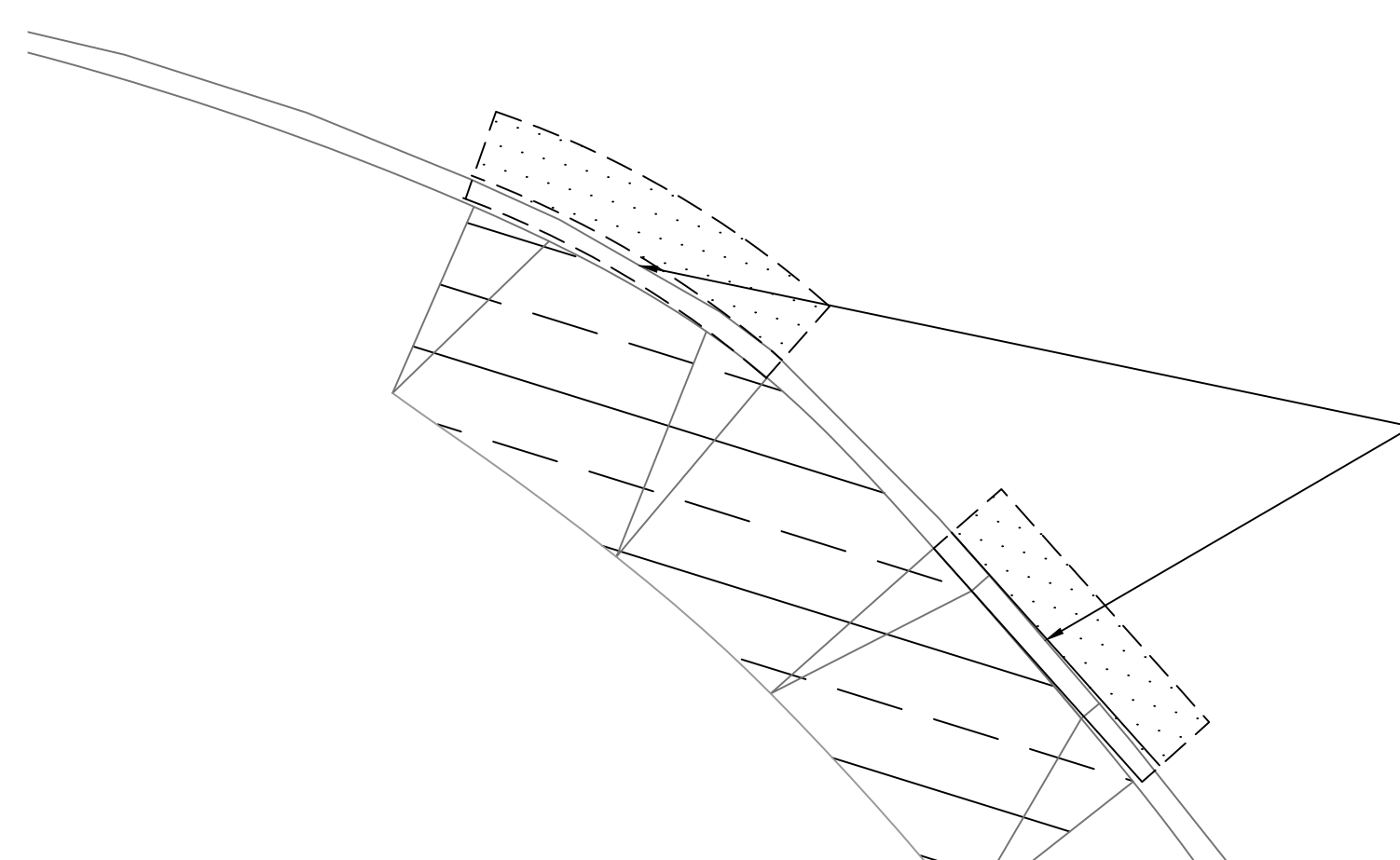
MARTIN LUTHER KING JR. DRIVE

NOT SHOWN ON CITY PLANS

NOTE: CONTRACTOR SHALL PHASE WORK AT THIS INTERSECTION TO ALLOW FOR AN ADA ACCESSIBLE ROUTE AT ALL TIMES IF THE MLK TRAIL IS OPEN. CONSTRUCT RAMP 1 AND 2 PRIOR TO REMOVING THE EXISTING RAMP IN THE NORTHWEST CORNER AND ASSOCIATED CROSSWALKS.

REMOVE EXISTING STOP BAR AND CROSSWALK MARKINGS. REPLACE AS SHOWN. IN-STREET MARKINGS MAY BE WATERBORNE PAINT AS STREET WILL BE REPAVED IN 2020 OR 2021.

NOTE: CURB RAMP IS LOCATED AT HIGH POINT ALONG GUTTER LINE



REMOVE EXISTING ADA RAMP AND REPLACE DEPRESSED CURB WITH FULL HEIGHT CURB. MATCH EXISTING CURB ELEVATIONS AT END OF EXISTING FLARES.

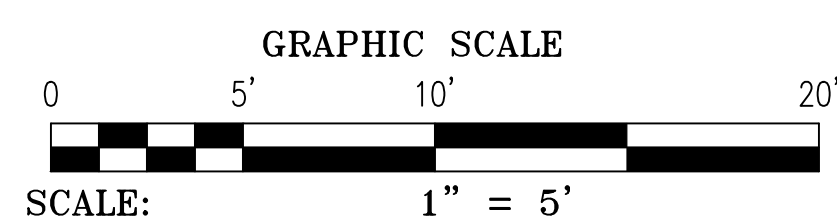
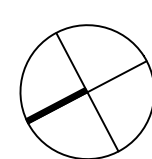
MONTGOMERY DRIVE
NOT SHOWN ON CITY PLAN

SEE SHEETS C-27 AND C-28 FOR ADA RAMP DETAILS

LEGEND

- EL. X.XX PROPOSED ELEVATION
- EL. X.XX EXISTING ELEVATION
- X.X% PROPOSED SLOPE
- TC X.XX PROPOSED TOP OF CURB
- BC X.XX PROPOSED BOTTOM OF CURB
- TC X.XX EXISTING TOP OF CURB
- BC X.XX EXISTING BOTTOM OF CURB
- ADA DETECTABLE WARNING STRIP (CAST IRON PER SPECIFICATIONS)
- PROPOSED CONCRETE SIDEWALK
- ASPHALT PAVING
- MILL & OVERLAY
- ASPHALT REMOVAL
- LIMIT OF PHASED WORK
- PAVEMENT RESTORATION LIMITS

NORTH



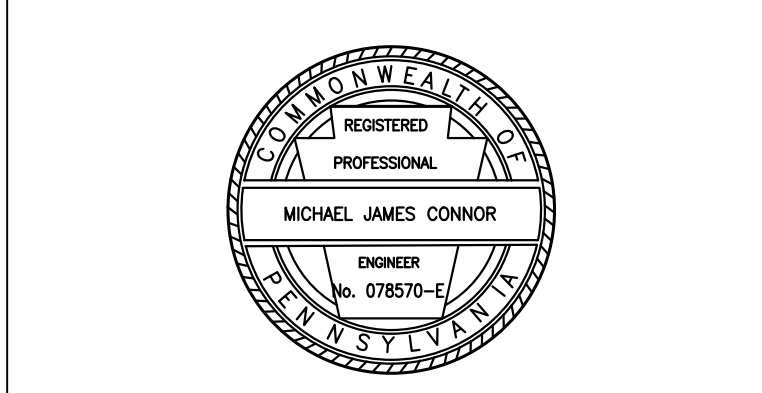
REVISIONS		
ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION



CALL BEFORE YOU DIG!
PENNSYLVANIA LAW REQUIRES THREE (3) WORKING DAYS NOTICE FOR CONSTRUCTION PHASE AND TEN (10) WORKING DAYS FOR DESIGN STAGE. UTILITY INFORMATION IDENTIFIED THROUGH THE ONE-CALL PROCESS IS VALID FOR 90 DAYS FROM THE DATE OF THE CALL.
Pennsylvania One Call System, Inc.
1-800-242-1776

PROJECT COORDINATOR
ROB ARMSTRONG



NV5 1315 WALNUT STREET, SUITE 900
PHILADELPHIA, PA, 19107
P: 215.259.2776 WWW.NV5.COM

CITY OF PHILADELPHIA
DEPARTMENT OF PUBLIC PROPERTY
1515 ARCH STREET
11TH FLOOR, ONE PARKWAY BUILDING
PHILADELPHIA PENNSYLVANIA

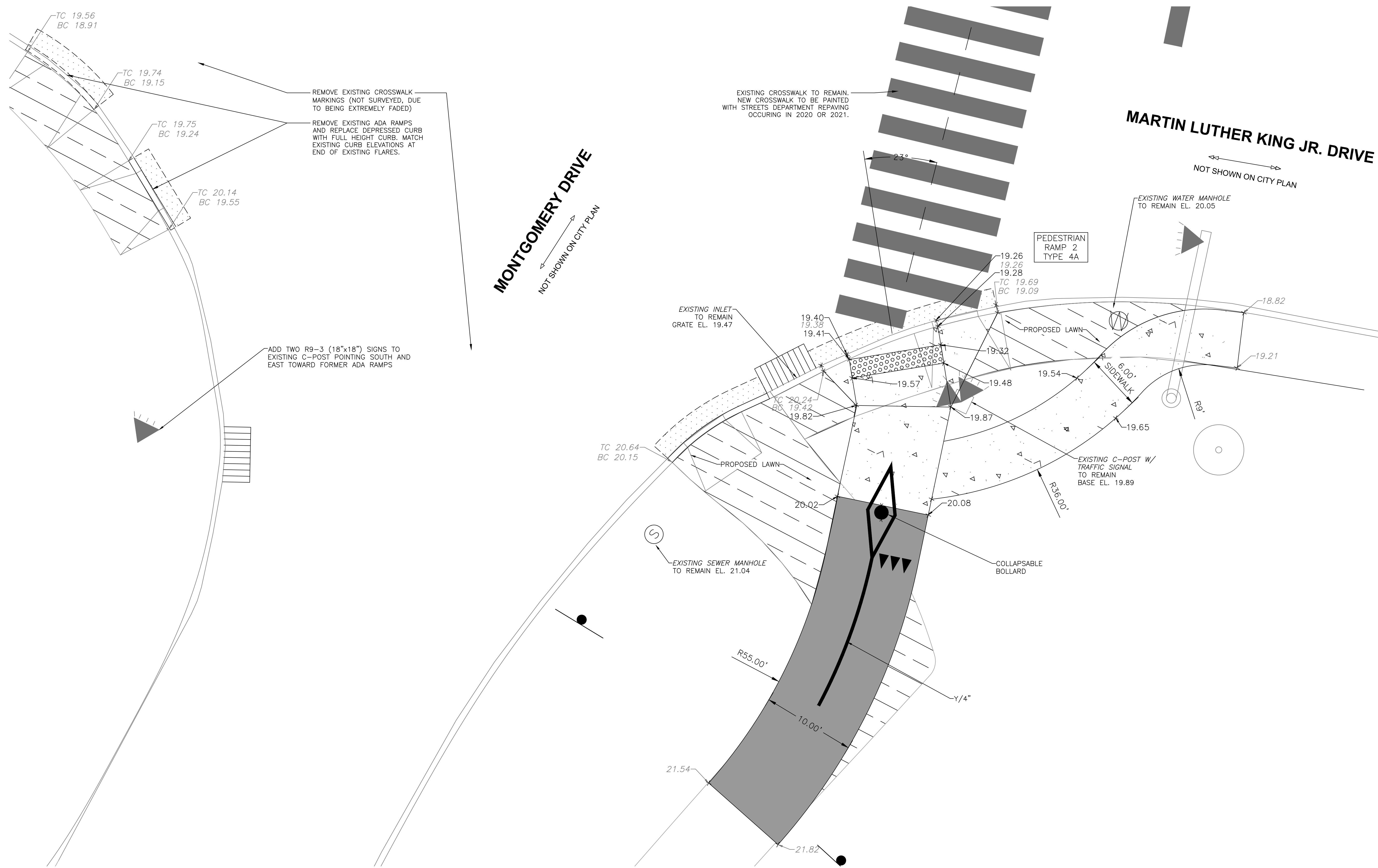
PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
RAMP ELEVATION DETAIL

PROJECT NO. 17-17-4872-01	DRAWING NO. C-25
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

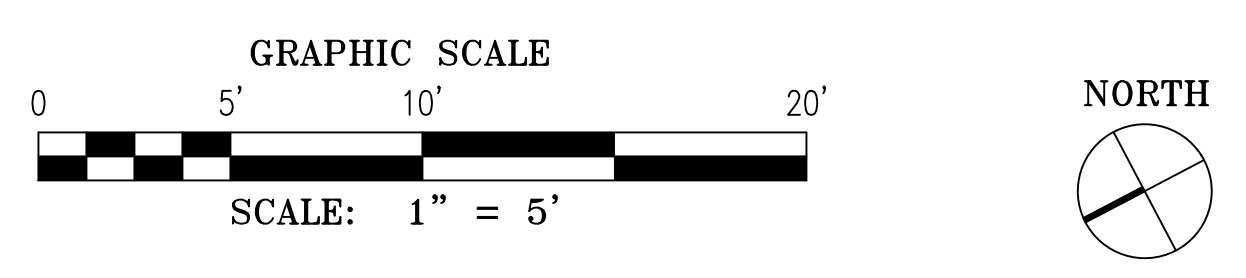
ADA UNIT LOG #A-66, WOID: 867341

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE CONFIRMED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.



LEGEND

EL. X.XX	PROPOSED ELEVATION		ADA DETECTABLE WARNING STRIP (CAST IRON PER SPECIFICATIONS)
EL. X.XX	EXISTING ELEVATION		PROPOSED CONCRETE SIDEWALK
X.X%	PROPOSED SLOPE		ASPHALT PAVING
TC X.XX	PROPOSED TOP OF CURB		MILL & OVERLAY
BC X.XX	PROPOSED BOTTOM OF CURB		ASPHALT REMOVAL
TC X.XX	EXISTING TOP OF CURB		LIMIT OF PHASED WORK
BC X.XX	EXISTING BOTTOM OF CURB		PAVEMENT RESTORATION LIMITS



REVISIONS

ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

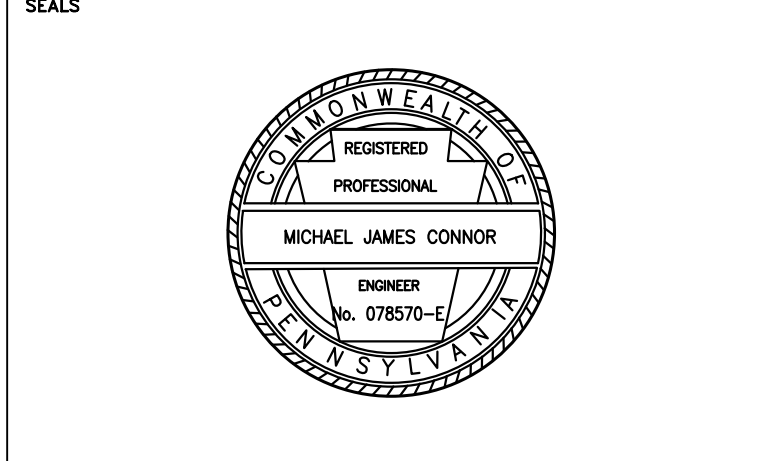


CALL BEFORE YOU DIG!

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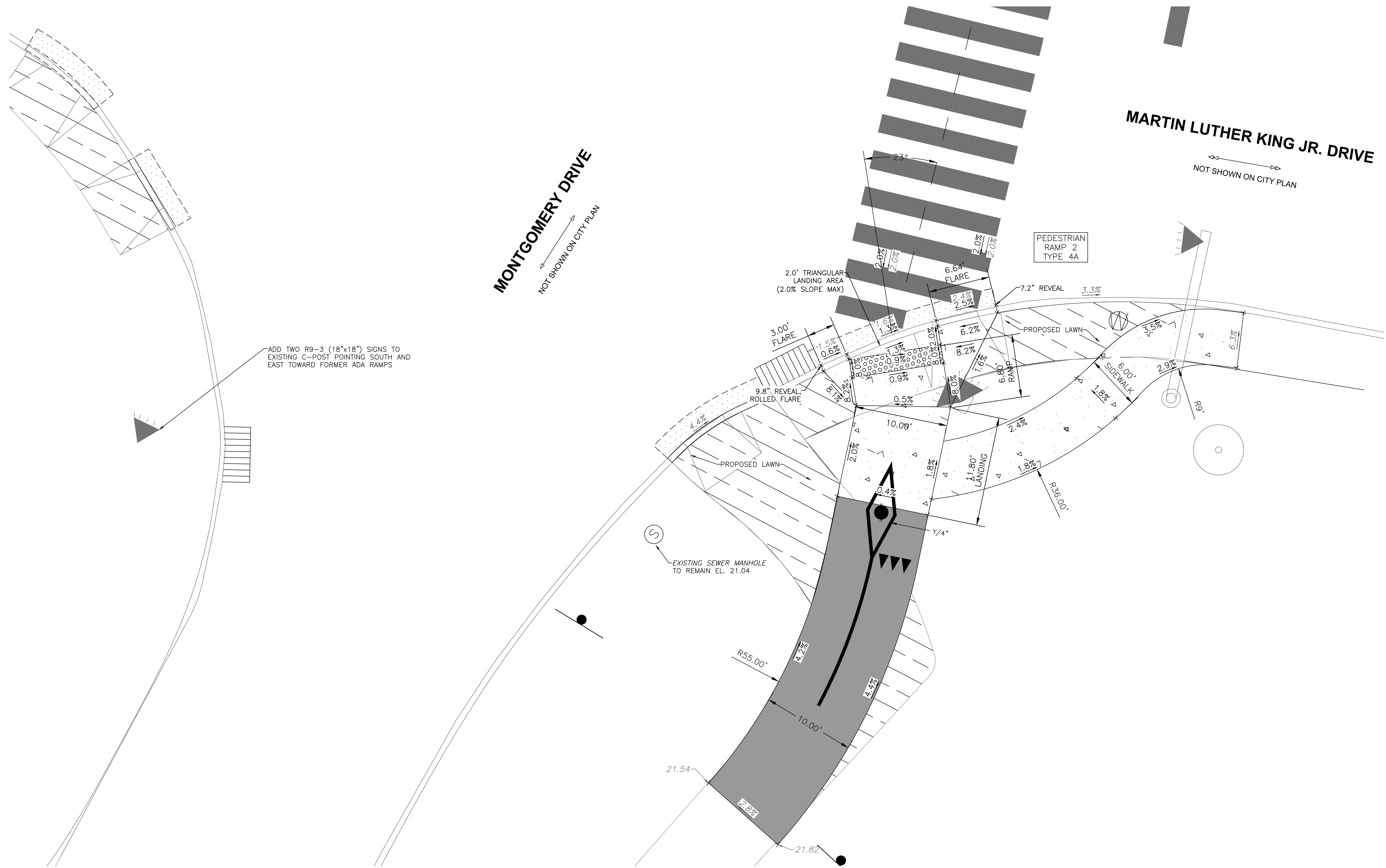
PROJECT TITLE
**MLK DRIVE TRAIL
REHABILITATION
WEST FAIRMOUNT PARK**

DRAWING TITLE
RAMP ELEVATION DETAIL

PROJECT NO. 17-17-4872-01	DRAWING NO. C-27
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE SITE BEFORE PROCEEDING WITH THE WORK.

ADA UNIT LOG #A-66, WOID: 867341



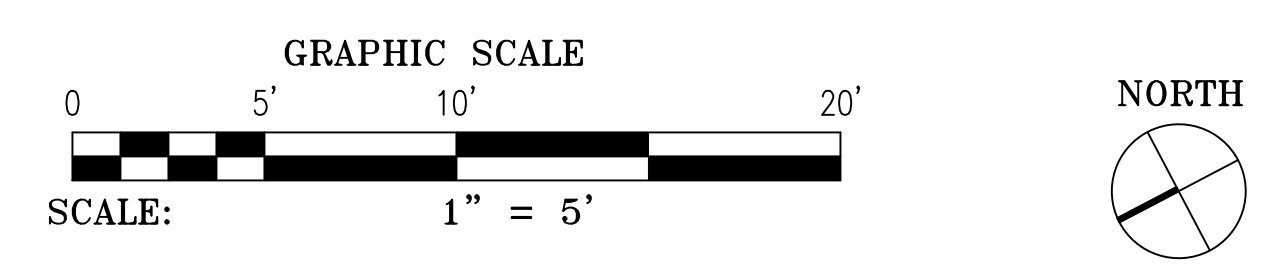
ADD TWO R9-3 (18"x18") SIGNS TO EXISTING C-POST POINTING SOUTH AND EAST TOWARD FORMER ADA RAMP

EXISTING SEWER MANHOLE TO REMAIN EL. 21.04

PEDESTRIAN RAMP 2 TYPE 4A

LEGEND

EL. X.XX	PROPOSED ELEVATION		ADA DETECTABLE WARNING STRIP (CAST IRON PER SPECIFICATIONS)
EL. X.XX	EXISTING ELEVATION		PROPOSED CONCRETE SIDEWALK
X.X%	PROPOSED SLOPE		ASPHALT PAVING
TC X.XX	PROPOSED TOP OF CURB		MILL & OVERLAY
BC X.XX	PROPOSED BOTTOM OF CURB		ASPHALT REMOVAL
TC X.XX	EXISTING TOP OF CURB		LIMIT OF PHASED WORK
BC X.XX	EXISTING BOTTOM OF CURB		PAVEMENT RESTORATION LIMITS



REVISIONS

ISSUE	DATE	REVISIONS

BID SET
NOT FOR
CONSTRUCTION

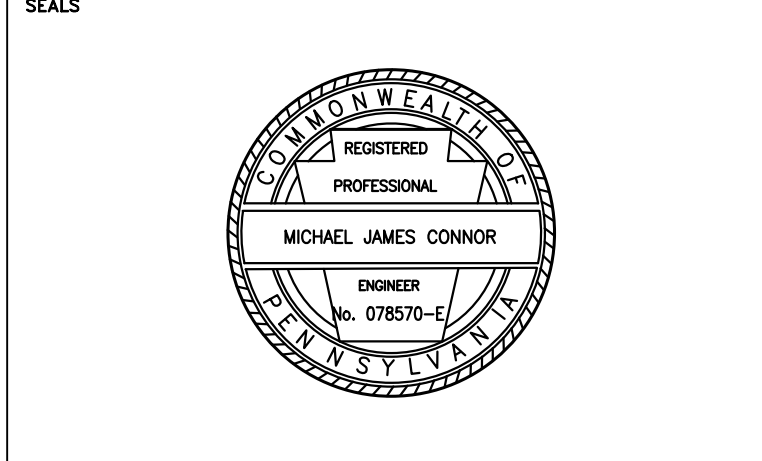


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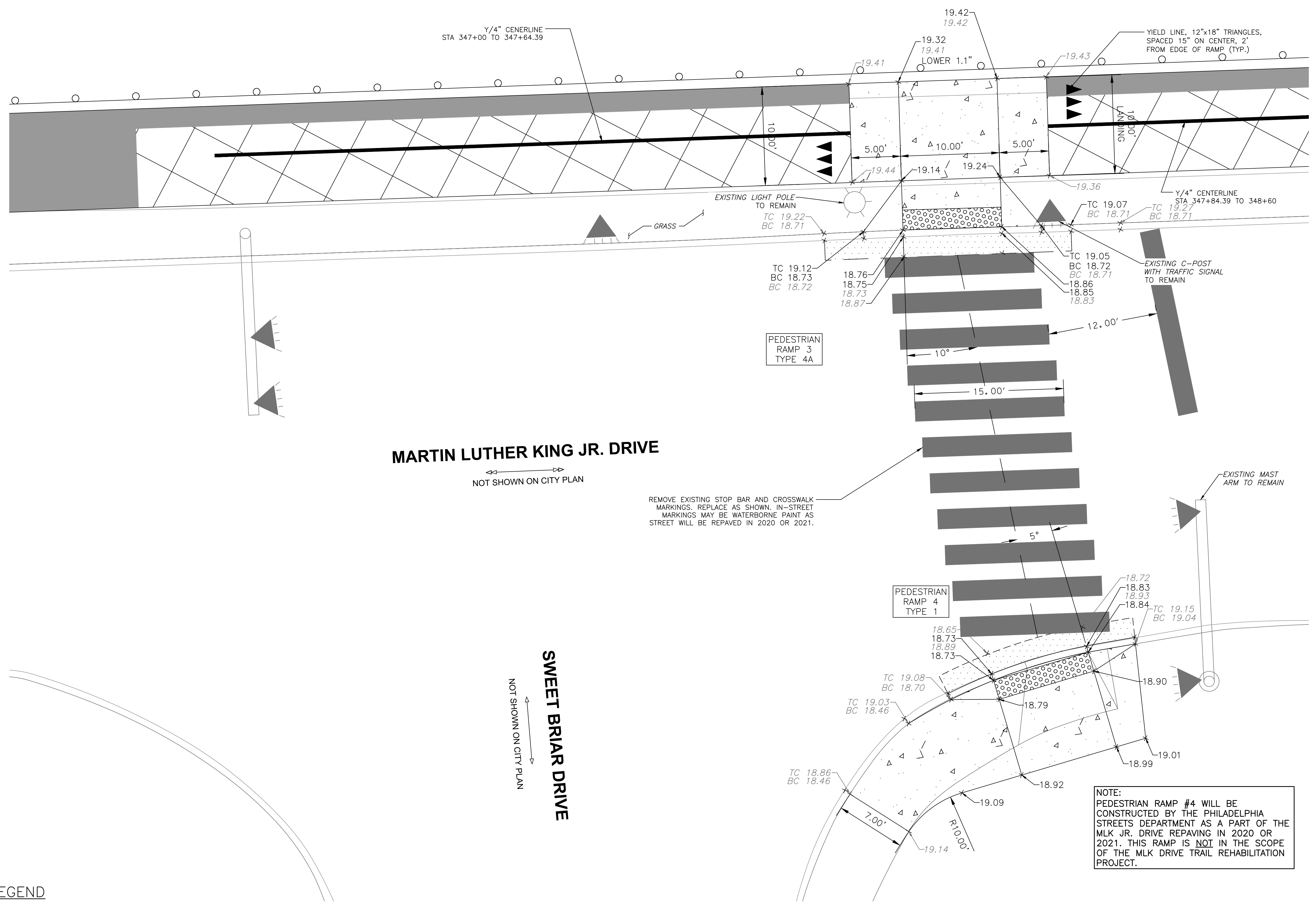
PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
RAMP SLOPE DETAIL

PROJECT NO. 17-17-4872-01	DRAWING NO. C-28
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

NOTE: ALL DIMENSIONS AND CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON THE SITE BEFORE PROCEEDING WITH THE WORK.

ADA UNIT LOG #A-66, WOID: 867341



MARTIN LUTHER KING JR. DRIVE
 NOT SHOWN ON CITY PLAN

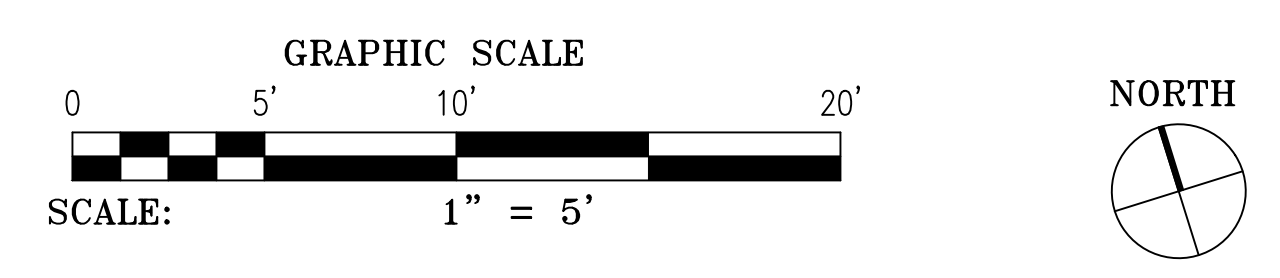
SWEET BRIAR DRIVE
 NOT SHOWN ON CITY PLAN

REMOVE EXISTING STOP BAR AND CROSSWALK MARKINGS. REPLACE AS SHOWN. IN-STREET MARKINGS MAY BE WATERBORNE PAINT AS STREET WILL BE REPAVED IN 2020 OR 2021.

NOTE:
 PEDESTRIAN RAMP #4 WILL BE CONSTRUCTED BY THE PHILADELPHIA STREETS DEPARTMENT AS A PART OF THE MLK JR. DRIVE REPAVING IN 2020 OR 2021. THIS RAMP IS NOT IN THE SCOPE OF THE MLK DRIVE TRAIL REHABILITATION PROJECT.

LEGEND

EL. X.XX	PROPOSED ELEVATION		ADA DETECTABLE WARNING STRIP (CAST IRON PER SPECIFICATIONS)
EL. X.XX	EXISTING ELEVATION		PROPOSED CONCRETE SIDEWALK
X.X%	PROPOSED SLOPE		ASPHALT PAVING
TC X.XX	PROPOSED TOP OF CURB		MILL & OVERLAY
BC X.XX	PROPOSED BOTTOM OF CURB		ASPHALT REMOVAL
TC X.XX	EXISTING TOP OF CURB		LIMIT OF PHASED WORK
BC X.XX	EXISTING BOTTOM OF CURB		PAVEMENT RESTORATION LIMITS



ADA UNIT LOG #A-66, WOID: 867341

REVISIONS

ISSUE	DATE	REVISIONS

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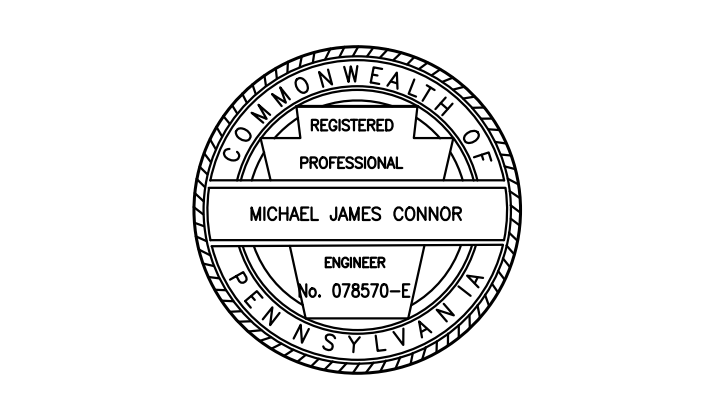


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PROJECT TITLE
MLK DRIVE TRAIL REHABILITATION WEST FAIRMOUNT PARK

DRAWING TITLE
RAMP ELEVATION DETAIL

PROJECT NO. 17-17-4872-01	DRAWING NO. C-29
DATE 8/03/2020	SCALE AS SHOWN
DRAWN BY CS	CHECKED BY ML

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