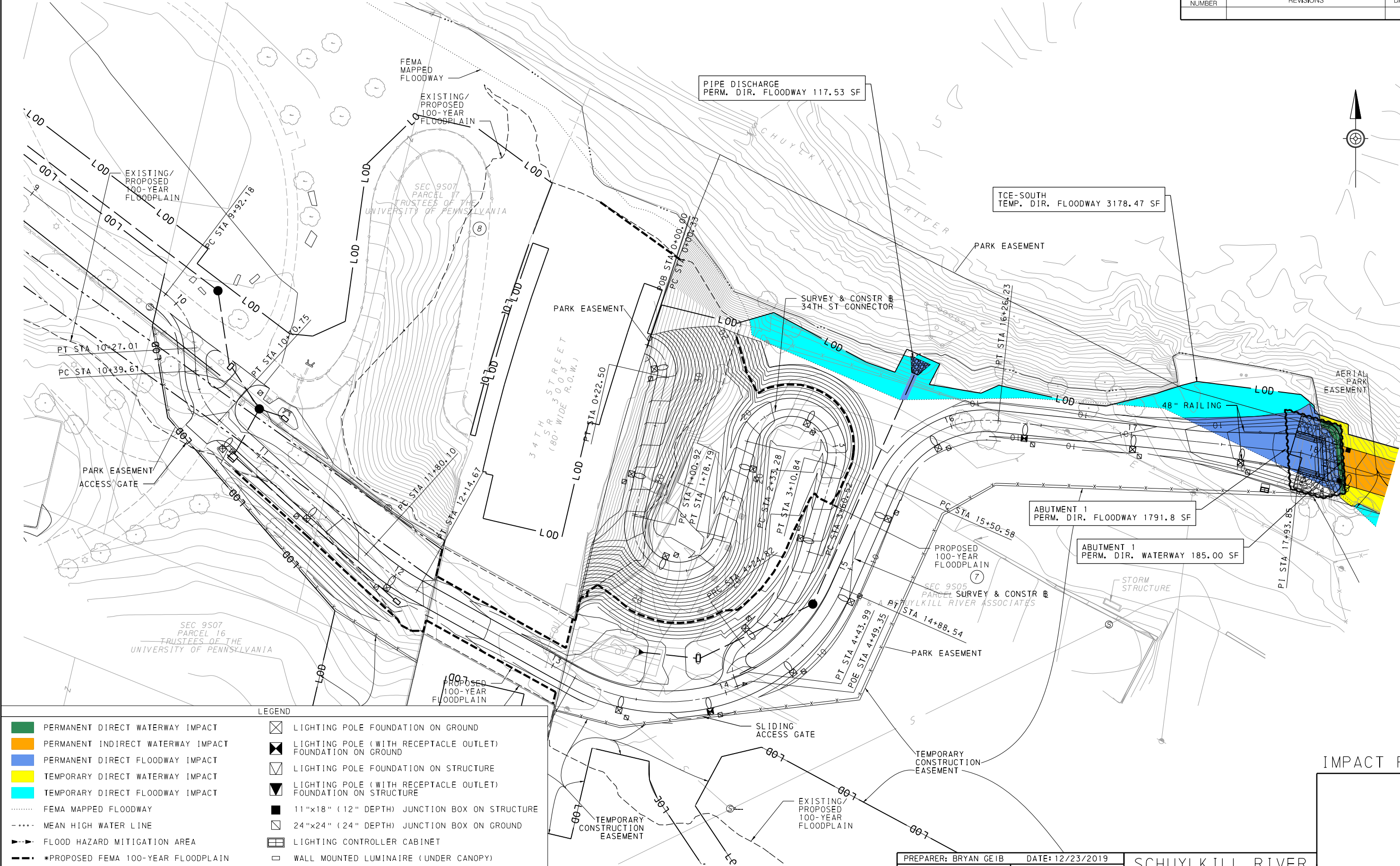


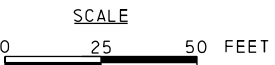
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	-	-	1 OF 8
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS		DATE	BY

SEE SHEET 1 OF 8



LEGEND	
PERMANENT DIRECT WATERWAY IMPACT	LIGHTING POLE FOUNDATION ON GROUND
PERMANENT INDIRECT WATERWAY IMPACT	LIGHTING POLE (WITH RECEPTACLE OUTLET) FOUNDATION ON GROUND
PERMANENT DIRECT FLOODWAY IMPACT	LIGHTING POLE FOUNDATION ON STRUCTURE
TEMPORARY DIRECT WATERWAY IMPACT	LIGHTING POLE (WITH RECEPTACLE OUTLET) FOUNDATION ON STRUCTURE
TEMPORARY DIRECT FLOODWAY IMPACT	11"x18" (12" DEPTH) JUNCTION BOX ON STRUCTURE
FEMA MAPPED FLOODWAY	24"x24" (24" DEPTH) JUNCTION BOX ON GROUND
MEAN HIGH WATER LINE	LIGHTING CONTROLLER CABINET
FLOOD HAZARD MITIGATION AREA	WALL MOUNTED LUMINAIRE (UNDER CANOPY)
*PROPOSED FEMA 100-YEAR FLOODPLAIN	TEMPORARY EXCAVATION SUPPORT
*EXISTING FEMA 100-YEAR FLOODPLAIN	

*FEMA 100-YEAR FLOOD ELEVATION BASED ON HYDRAULIC ANALYSIS PERFORMED FOR CURRENT STUDY AND DELINEATED USING PROJECT SURVEY, LIDAR, AND PROPOSED CONTOURS.



PREPARED BY: BRYAN GEIB	DATE: 12/23/2019
CONSULTANT / AGENT: AECOM, INC. 1700 MARKET STREET SUITE 1600 PHILADELPHIA, PA 19103	APPLICANT / OWNER: CITY OF PHILADELPHIA 1515 ARCH ST, 10th FL PHILADELPHIA, PA 19107

SCHUYLKILL RIVER
PARK EXTENSION
IN THE
CITY OF PHILADELPHIA, PENNSYLVANIA

IMPACT PLANS

OPERATOR: \$sdesignfiles\$

FILE NAME: \$sdesignfiles\$

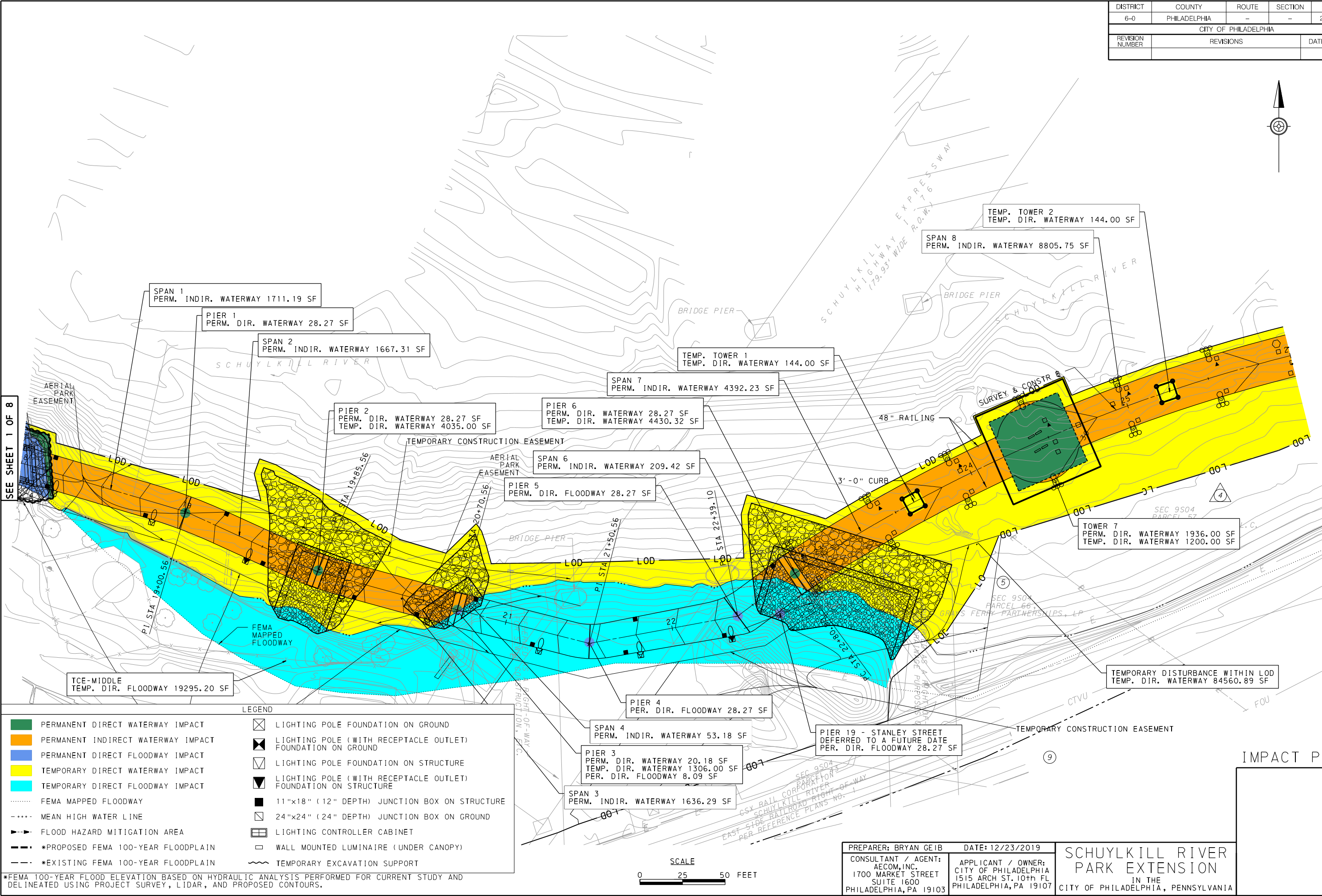
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AECOM

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	-	-	2 OF 8
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS	DATE	BY	



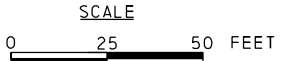
SEE SHEET 1 OF 8

SEE SHEET 3 OF 8

OPERATOR: sdesign@iress.com
FILE NAME: sdesign@iress.com
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User: galibb
AECOM

LEGEND	
	PERMANENT DIRECT WATERWAY IMPACT
	PERMANENT INDIRECT WATERWAY IMPACT
	PERMANENT DIRECT FLOODWAY IMPACT
	TEMPORARY DIRECT WATERWAY IMPACT
	TEMPORARY DIRECT FLOODWAY IMPACT
	FEMA MAPPED FLOODWAY
	MEAN HIGH WATER LINE
	FLOOD HAZARD MITIGATION AREA
	*PROPOSED FEMA 100-YEAR FLOODPLAIN
	*EXISTING FEMA 100-YEAR FLOODPLAIN
	LIGHTING POLE FOUNDATION ON GROUND
	LIGHTING POLE (WITH RECEPTACLE OUTLET) FOUNDATION ON GROUND
	LIGHTING POLE FOUNDATION ON STRUCTURE
	LIGHTING POLE (WITH RECEPTACLE OUTLET) FOUNDATION ON STRUCTURE
	11"x18" (12" DEPTH) JUNCTION BOX ON STRUCTURE
	24"x24" (24" DEPTH) JUNCTION BOX ON GROUND
	LIGHTING CONTROLLER CABINET
	WALL MOUNTED LUMINAIRE (UNDER CANOPY)
	TEMPORARY EXCAVATION SUPPORT

*FEMA 100-YEAR FLOOD ELEVATION BASED ON HYDRAULIC ANALYSIS PERFORMED FOR CURRENT STUDY AND DELINEATED USING PROJECT SURVEY, LIDAR, AND PROPOSED CONTOURS.



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SCHUYLKILL RIVER
PARK EXTENSION
IN THE
CITY OF PHILADELPHIA, PENNSYLVANIA

IMPACT PLANS

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	-	-	3 OF 8
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS	DATE	BY	



SEE SHEET 2 OF 8

SEE SHEET 4 OF 8

PERMANENT DIRECT WATERWAY IMPACT

PERMANENT INDIRECT WATERWAY IMPACT

PERMANENT DIRECT FLOODWAY IMPACT

TEMPORARY DIRECT WATERWAY IMPACT

TEMPORARY DIRECT FLOODWAY IMPACT

FEMA MAPPED FLOODWAY

MEAN HIGH WATER LINE

FLOOD HAZARD MITIGATION AREA

*PROPOSED FEMA 100-YEAR FLOODPLAIN

*EXISTING FEMA 100-YEAR FLOODPLAIN

LIGHTING POLE FOUNDATION ON GROUND

LIGHTING POLE (WITH RECEPTACLE OUTLET) FOUNDATION ON GROUND

LIGHTING POLE FOUNDATION ON STRUCTURE

LIGHTING POLE (WITH RECEPTACLE OUTLET) FOUNDATION ON STRUCTURE

11"x18" (12" DEPTH) JUNCTION BOX ON STRUCTURE

24"x24" (24" DEPTH) JUNCTION BOX ON GROUND

LIGHTING CONTROLLER CABINET

WALL MOUNTED LUMINAIRE (UNDER CANOPY)

TEMPORARY EXCAVATION SUPPORT

SEC 9S03
PARCEL 144
2900 ELLSWORTH ASSOCIATES, L.L.C.

ELLSWORTH STREET
50' WIDE R.O.W.

TEMP. TOWER 3
TEMP. DIR. WATERWAY 144.00 SF

SPAN 8
PERM. INDIR. WATERWAY 8805.75 SF

FLOOD HAZARD MITIGATION AREA
PERM. DIR. WATERWAY 81846.00 SF

TOWER 8
PERM. DIR. WATERWAY 1936.00 SF
TEMP. DIR. WATERWAY 1200.00 SF

PIER 11
PERM. DIR. WATERWAY 28.27 SF

TEMP. TOWER 4
TEMP. DIR. WATERWAY 144.00 SF

48" RAILING

3'-0" CURB

FLOOD HAZARD MITIGATION SURVEY & CONSTR # 71+44.38 =
SURVEY & CONSTR # 28+53.15

FLOOD HAZARD MITIGATION SURVEY & CONSTR #

N45°40'12"E

PI STA 29+30.90

PI STA 29+65.90

PI STA 30+45.90

PI STA 31+40.90

PI STA 32+35.90

TEMP. TOWER 5
TEMP. DIR. WATERWAY 144.00 SF

SPAN 9
PERM. INDIR. WATERWAY 4365.49 SF

TEMPORARY DISTURBANCE WITHIN LOD
TEMP. DIR. WATERWAY 84560.89 SF

PIER 9
PERM. DIR. WATERWAY 28.27 SF

SPAN 12
PERM. INDIR. WATERWAY 1868.01 SF

PIER 12
PERM. DIR. WATERWAY 28.27 SF

SPAN 11
PERM. INDIR. WATERWAY 1568.58 SF

PIER 10
PERM. DIR. WATERWAY 28.27 SF

SPAN 10
PERM. INDIR. WATERWAY 771.99 SF

SPAN 13
PERM. INDIR. WATERWAY 1867.54 SF

FEMA MAPPED FLOODWAY

FOU

CTVU

SEC 9S02
PARCEL 156
VOLTA ENERGY

LEGEND

*FEMA 100-YEAR FLOOD ELEVATION BASED ON HYDRAULIC ANALYSIS PERFORMED FOR CURRENT STUDY AND DELINEATED USING PROJECT SURVEY, LIDAR, AND PROPOSED CONTOURS.

SCALE
0 25 50 FEET

NOTE: FLOOD HAZARD MITIGATION AREA BENEATH STRUCTURE IS CONSIDERED TO BE PERMANENT DIRECT WATERWAY IMPACT AND IS INCLUDED AS SUCH IN THE IMPACT CALCULATIONS AND TOTALS.

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SCHUYLKILL RIVER
PARK EXTENSION
IN THE
CITY OF PHILADELPHIA, PENNSYLVANIA

IMPACT PLANS

DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	-	-	5 OF 8
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS		DATE	BY

← LIMIT OF WORK
STA 8+00.00
SCHUYLKILL RIVER PARK EXTENSION
CITY OF PHILADELPHIA
PHILADELPHIA COUNTY

← START WORK
STA 8+18.50
SCHUYLKILL RIVER PARK EXTENSION
CITY OF PHILADELPHIA
PHILADELPHIA COUNTY

PVI STA 9+70.00
ELEV 12.70

PVI STA 10+10.00
ELEV 12.45
VC 75'
MO 0.25'
HLSD 313'
K 28

PVI STA 11+35.00
ELEV 15.08
VC 125'
MO -0.72'
SSD 297'
K 27

HIGH POINT STA 11+29.62
ELEV 14.37

LOW POINT STA 9+89.37
ELEV 12.63

PVI STA 12+90.00
ELEV 11.21
VC 80'
MO 0.31'
HLSD 240'
K 26

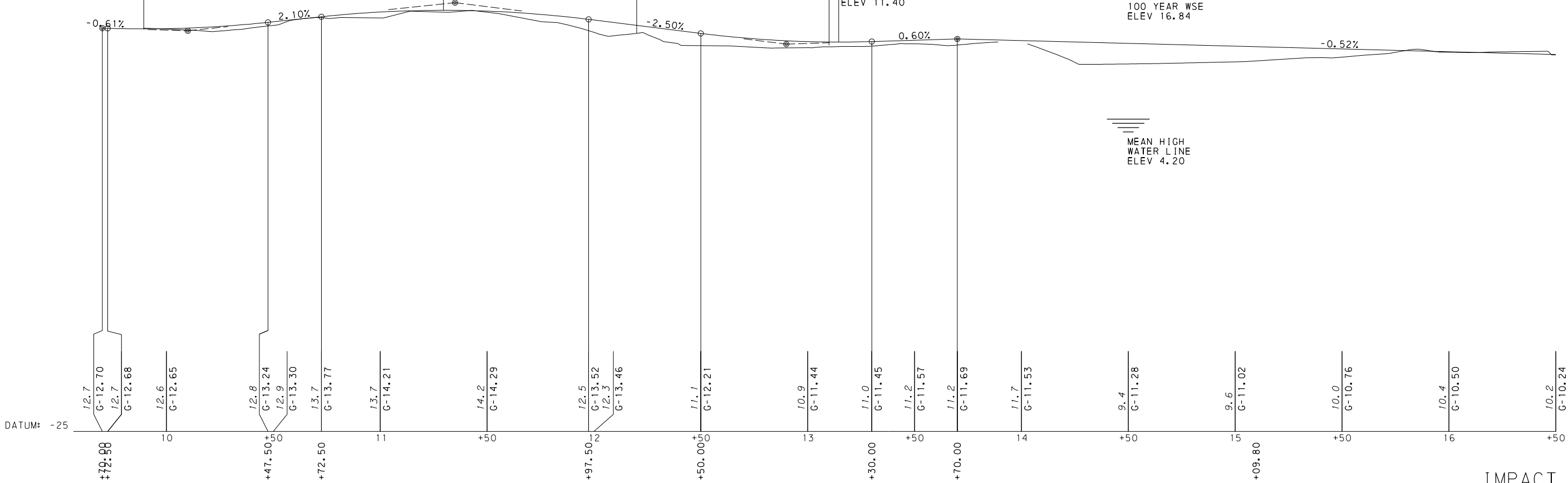
LOW POINT STA 13+14.53
ELEV 11.40

PVI STA 13+70.00
ELEV 11.69

ELECTRIC
(ELEVATION APPROXIMATE)
(REMOVE)

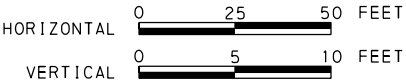
100 YEAR WSE
ELEV 16.84

MEAN HIGH
WATER LINE
ELEV 4.20



PROFILE - SCHUYLKILL RIVER PARK EXTENSION

SCALE



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SCHUYLKILL RIVER
PARK EXTENSION
IN THE
CITY OF PHILADELPHIA, PENNSYLVANIA

SEE SHEET 6 OF 8

IMPACT PLANS

OPERATOR: \$des igit i e s s

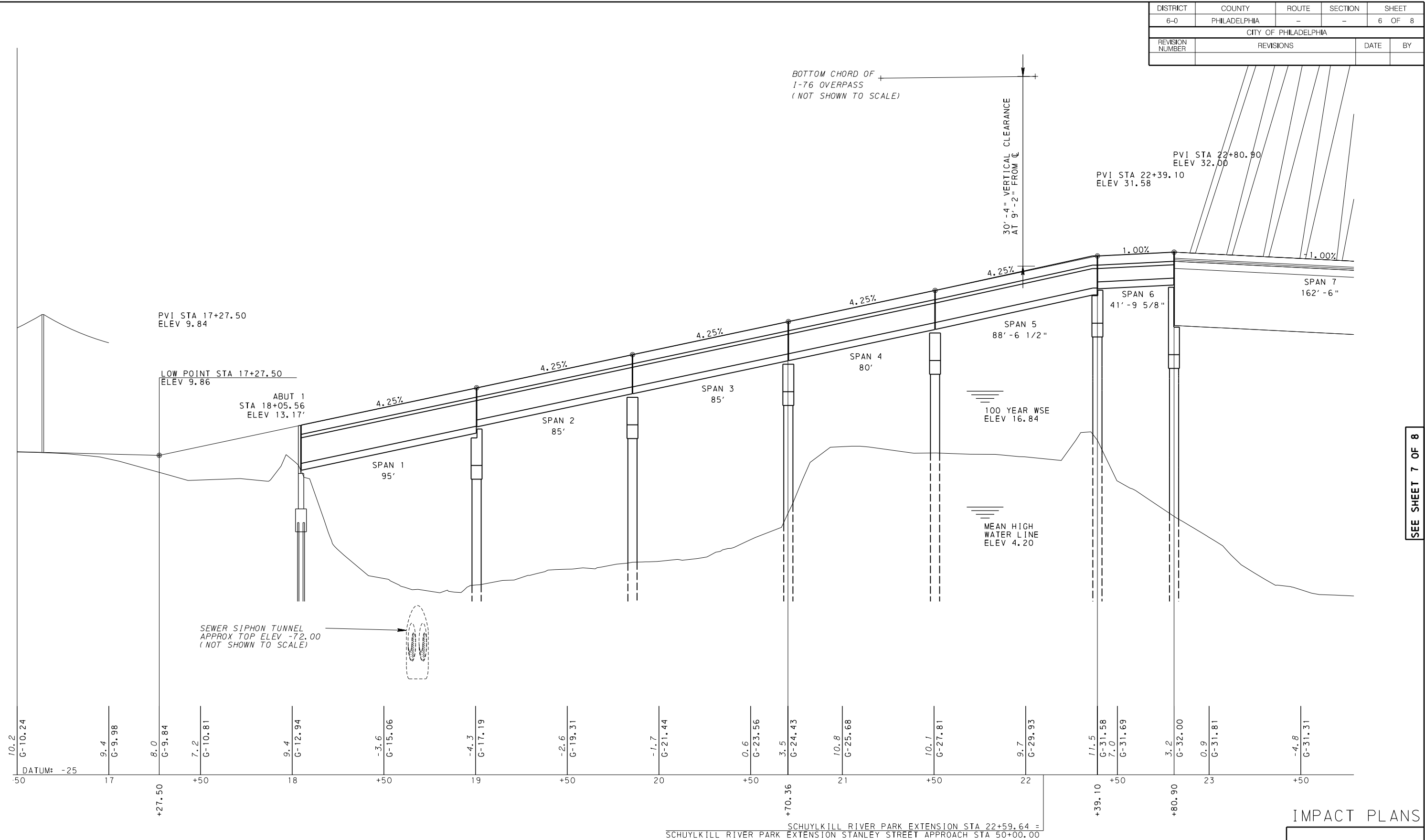
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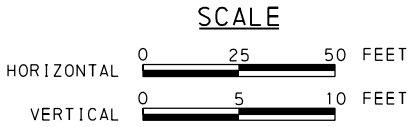
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PROFILE - SCHUYLKILL RIVER PARK EXTENSION



PREPARED BY: BRYAN GEIB	DATE: 12/23/2019
CONSULTANT / AGENT: AECOM, INC. 1700 MARKET STREET SUITE 1600 PHILADELPHIA, PA 19103	APPLICANT / OWNER: CITY OF PHILADELPHIA 1515 ARCH ST, 10th FL PHILADELPHIA, PA 19107

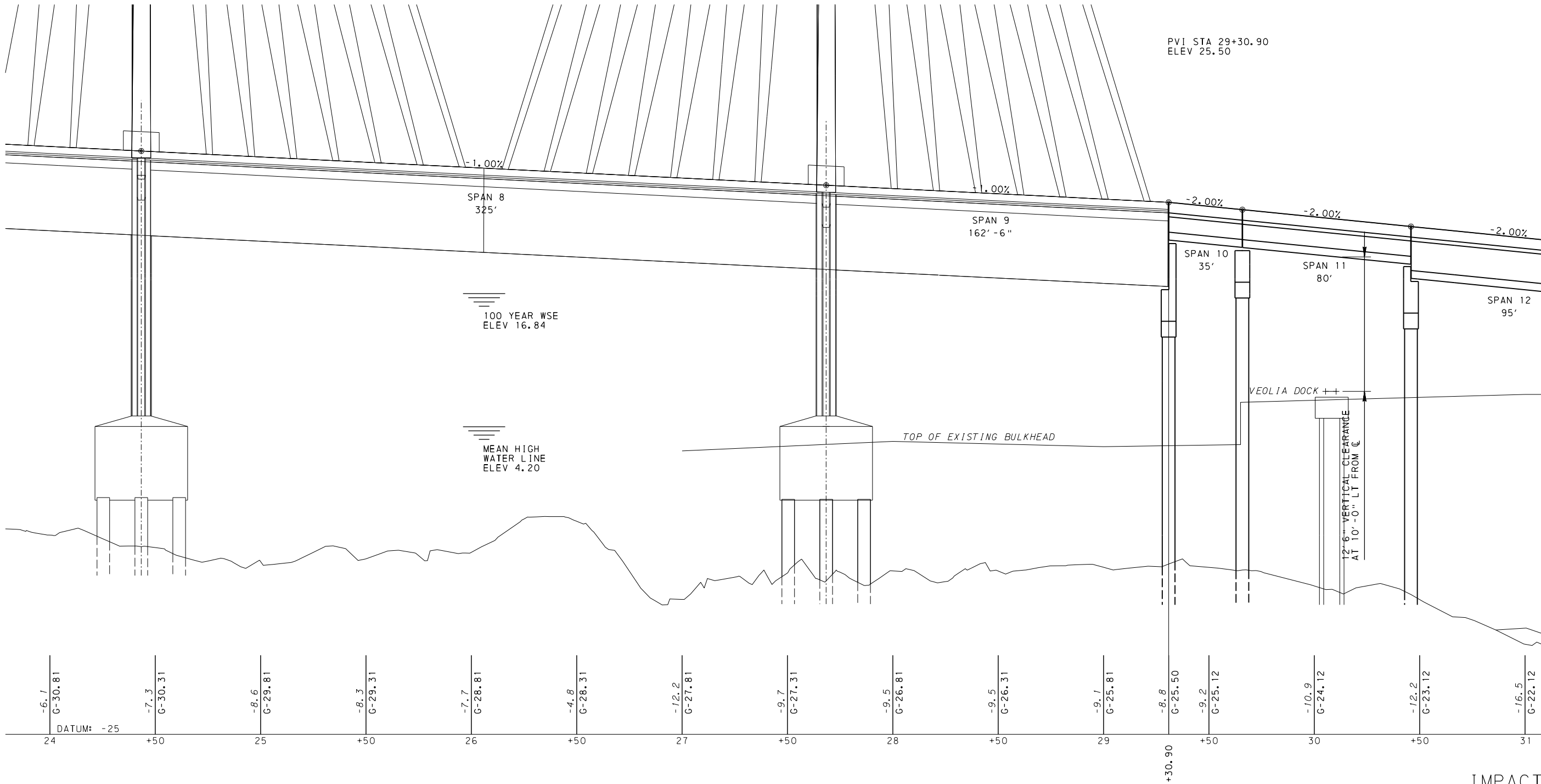
SCHUYLKILL RIVER
PARK EXTENSION
IN THE
CITY OF PHILADELPHIA, PENNSYLVANIA

IMPACT PLANS

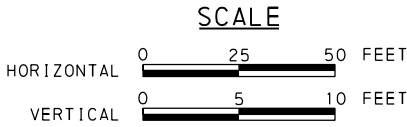
DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	-	-	7 OF 8
CITY OF PHILADELPHIA				
REVISION NUMBER	REVISIONS		DATE	BY

SEE SHEET 6 OF 8

SEE SHEET 8 OF 8



PROFILE - SCHUYLKILL RIVER PARK EXTENSION



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SCHUYLKILL RIVER
PARK EXTENSION
IN THE
CITY OF PHILADELPHIA, PENNSYLVANIA

IMPACT PLANS

OPERATOR: \$desIgniies\$

FILE NAME: \$desIgniies\$

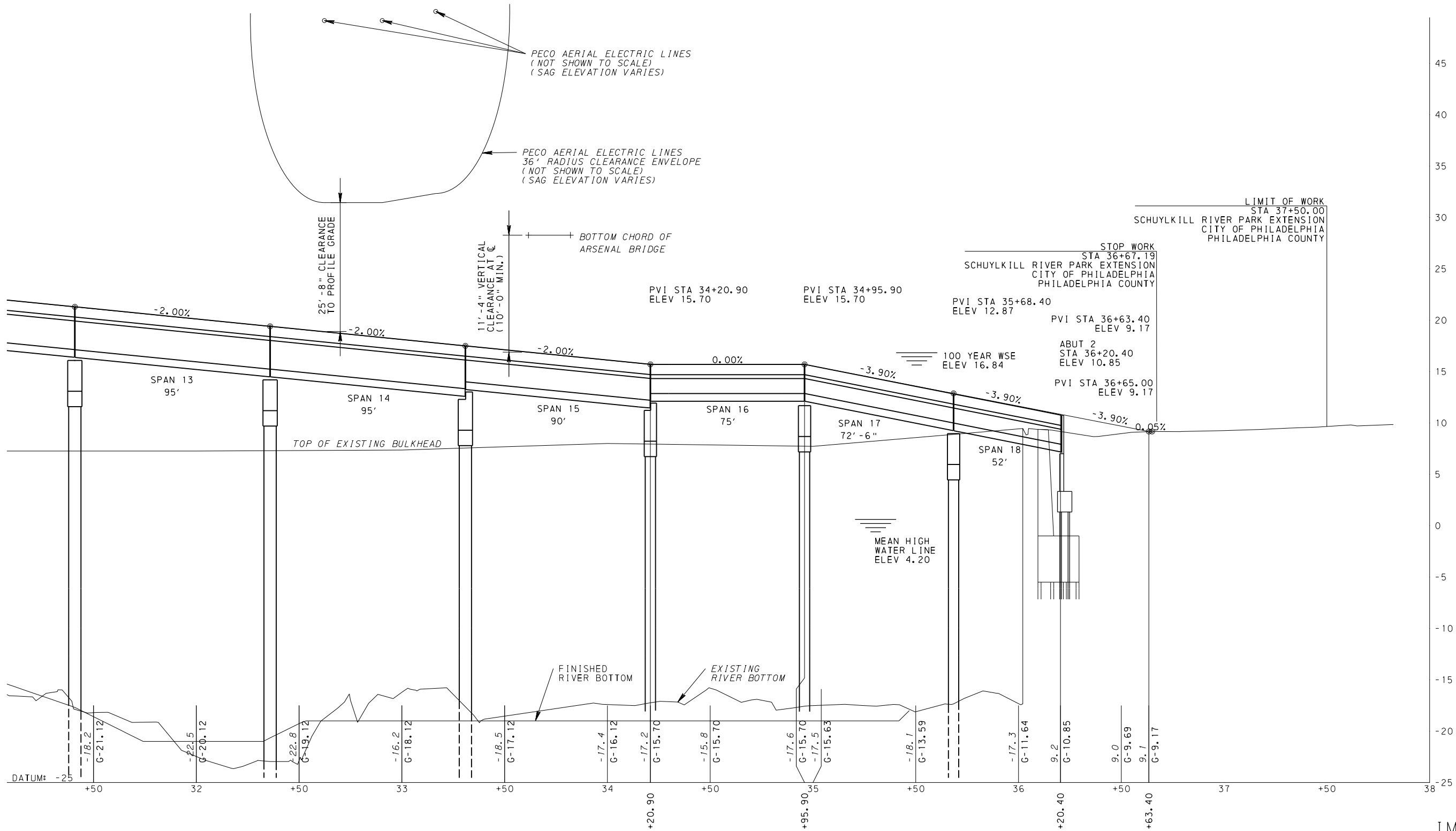
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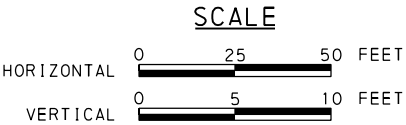
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DISTRICT	COUNTY	ROUTE	SECTION	SHEET
6-0	PHILADELPHIA	-	-	8 OF 8
CITY OF PHILADELPHIA				
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PROFILE - SCHUYLKILL RIVER PARK EXTENSION



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SCHUYLKILL RIVER
PARK EXTENSION
IN THE
CITY OF PHILADELPHIA, PENNSYLVANIA

IMPACT PLANS

OPERATOR: \$des igned files\$

FILE NAME: \$des igned files\$

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