

Red Blue Connector Concept Design Report

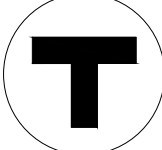

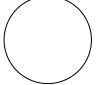
FINAL November 15, 2021

Appendix B Drawings

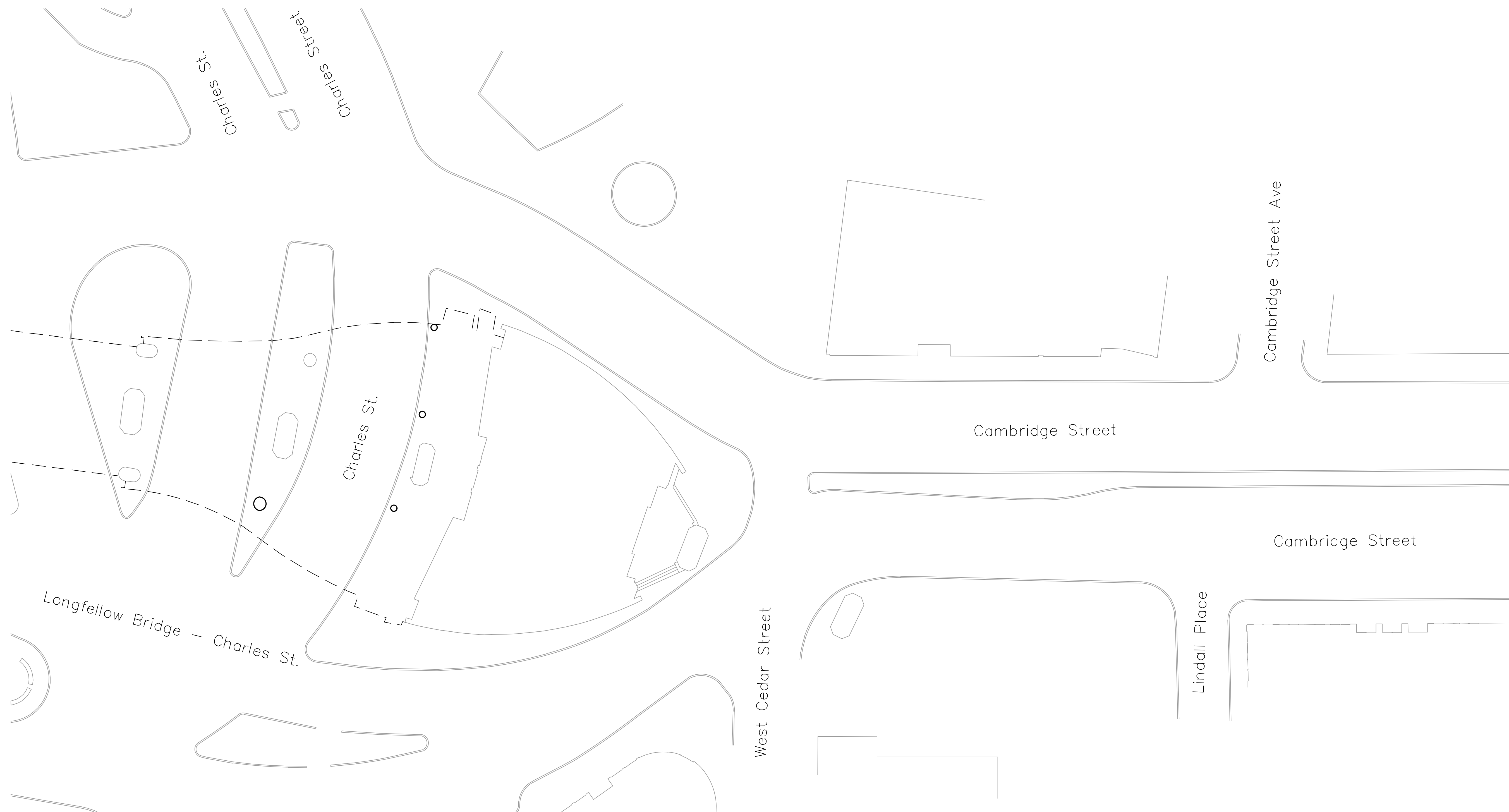


RED BLUE CONNECTOR - DRAWING INDEX				
NUMBER	SHEET NAME	SHEET DISCIPLINE	SUBMISSION STATUS	REVISION DATE
G0.001	DRAWING INDEX	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.101	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS SHEET 1 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.102	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS SHEET 2 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.103	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS SHEET 3 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.104	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS SHEET 4 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.105	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS SHEET 5 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.201	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 1 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.202	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 2 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.203	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 3 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.204	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 4 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G1.205	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 5 OF 5	GENERAL	CONCEPT DESIGN	15-Nov-21
G2.101A	CONSTRUCTION PHASING PART PLAN AND CROSS SECTION - PHASE 1A	GENERAL	CONCEPT DESIGN	15-Nov-21
G2.101B	CONSTRUCTION PHASING PART PLAN AND CROSS SECTION - PHASE 1B	GENERAL	CONCEPT DESIGN	15-Nov-21
G2.102	CONSTRUCTION PHASING PART PLAN AND CROSS SECTION - PHASE 2	GENERAL	CONCEPT DESIGN	15-Nov-21
G2.103	CONSTRUCTION PHASING PART PLAN AND CROSS SECTION - PHASE 3	GENERAL	CONCEPT DESIGN	15-Nov-21
G2.104	CONSTRUCTION PHASING PART PLAN AND CROSS SECTION - PHASE 4	GENERAL	CONCEPT DESIGN	15-Nov-21
C1.101	RED BLUE CONNECTOR TUNNEL PLAN AND PROFILE SHEET 1 OF 2	CIVIL	CONCEPT DESIGN	15-Nov-21
C1.102	RED BLUE CONNECTOR TUNNEL PLAN AND PROFILE SHEET 2 OF 2	CIVIL	CONCEPT DESIGN	15-Nov-21
C2.101	RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 1 OF 5	CIVIL	CONCEPT DESIGN	15-Nov-21
C2.102	RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 2 OF 5	CIVIL	CONCEPT DESIGN	15-Nov-21
C2.103	RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 3 OF 5	CIVIL	CONCEPT DESIGN	15-Nov-21
C2.104	RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 4 OF 5	CIVIL	CONCEPT DESIGN	15-Nov-21
C2.105	RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 5 OF 5	CIVIL	CONCEPT DESIGN	15-Nov-21
C3.101	RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 1 OF 4	CIVIL	CONCEPT DESIGN	15-Nov-21
C3.102	RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 2 OF 4	CIVIL	CONCEPT DESIGN	15-Nov-21
C3.103	RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 3 OF 4	CIVIL	CONCEPT DESIGN	15-Nov-21
C3.104	RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 4 OF 4	CIVIL	CONCEPT DESIGN	15-Nov-21
A1.001	SITE PLAN	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.101	STATION - PLATFORM LEVEL -1	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.201	STATION - PLATFORM LEVEL	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.301	STATION - PLATFORM LEVEL +1	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.401	STATION - MEZZANINE LEVEL	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.501	STATION - MEZZANINE LEVEL +1	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.601	STATION - GRADE LEVEL	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.701	BOWDOIN - TUNNEL LEVEL AND SECTION	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.801	BOWDOIN - MEZZANINE LEVEL	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A1.901	BOWDOIN - GRADE LEVEL	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A4.001	STATION SECTION 1	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21
A4.002	STATION SECTIONS 2, 3 & 4	ARCHITECTURE	CONCEPT DESIGN	15-Nov-21

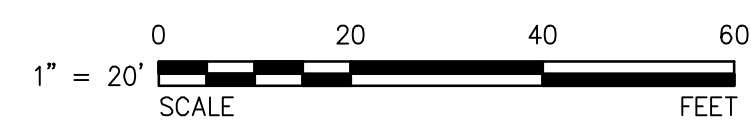
① DRAWING INDEX
NTS

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		RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT					
		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY					
		1 FEDERAL ST., 8TH FL. BOSTON, MA 02110 617.723.1700 www.aecom.com					
APPROVED BY: _____ Project Manager Date		SCALE: AS NOTED DATE: NOV 2021					
ISSUE	DATE	DESCRIPTION	BY	CHKD	APP.	PLAN NO.	ISSUE
						SHEET: G0.001	

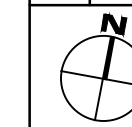
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ISSUE	DATE	DESCRIPTION	BY	CHKD.



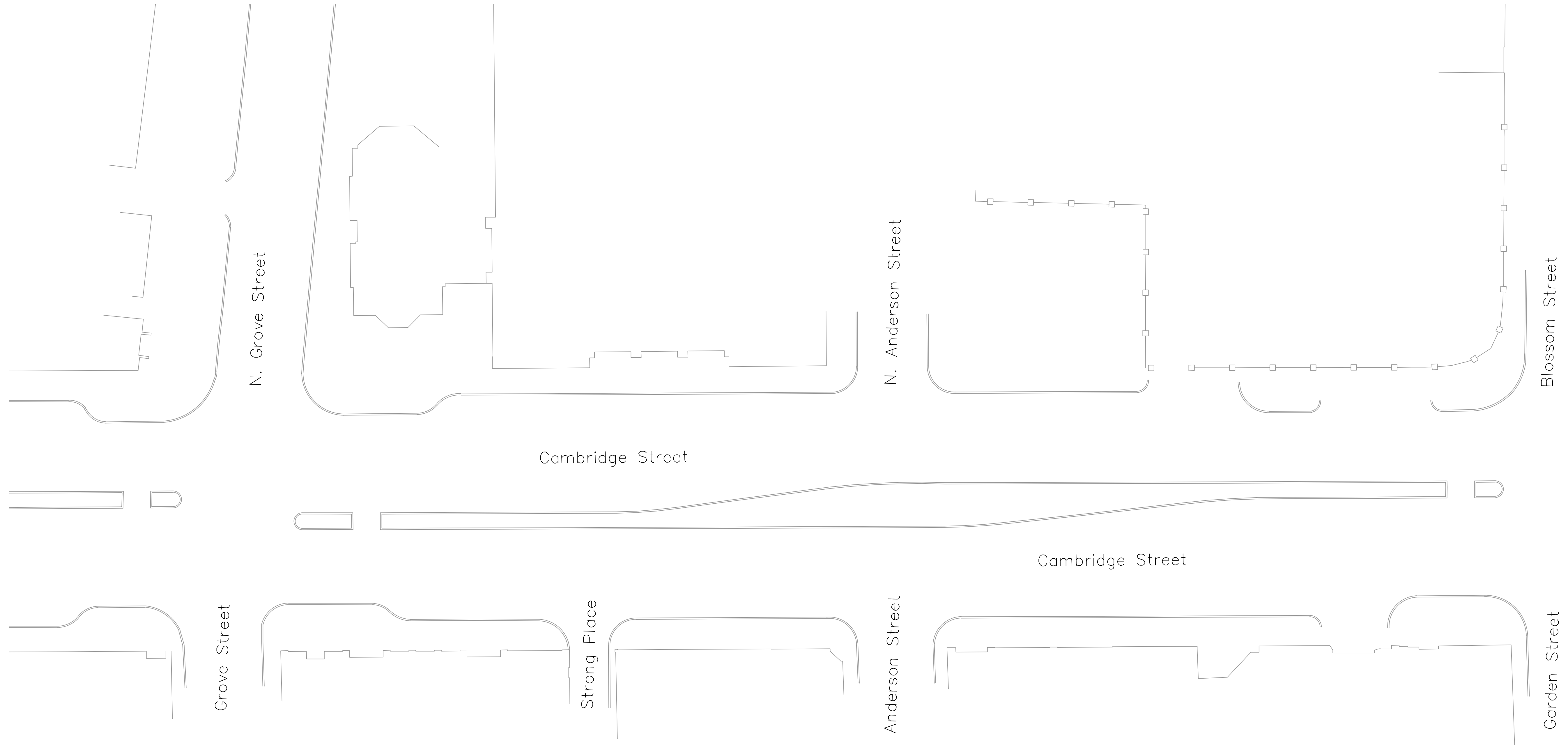
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 REFER TO SHEET / DETAIL TITLES FOR SCALE

T	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
	RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS PART 1 OF 5		
AECOM <small>APPROVED BY:</small>	<small>1 FEDERAL ST., 6TH FL. BOSTON, MA 02110 T+1-617-223-1700 AECOM.COM</small>	
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DRAWN BY	DESIGN BY	CHECK BY
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ISSUE		

FOR CONTINUATION SEE SHEET G1.102

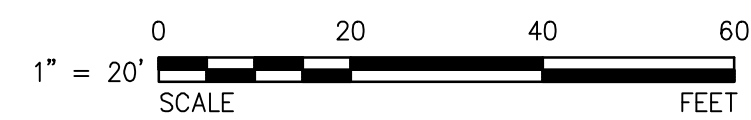
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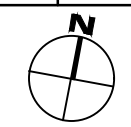


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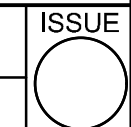


ISSUE	DATE	DESCRIPTION	BY	CHKD.



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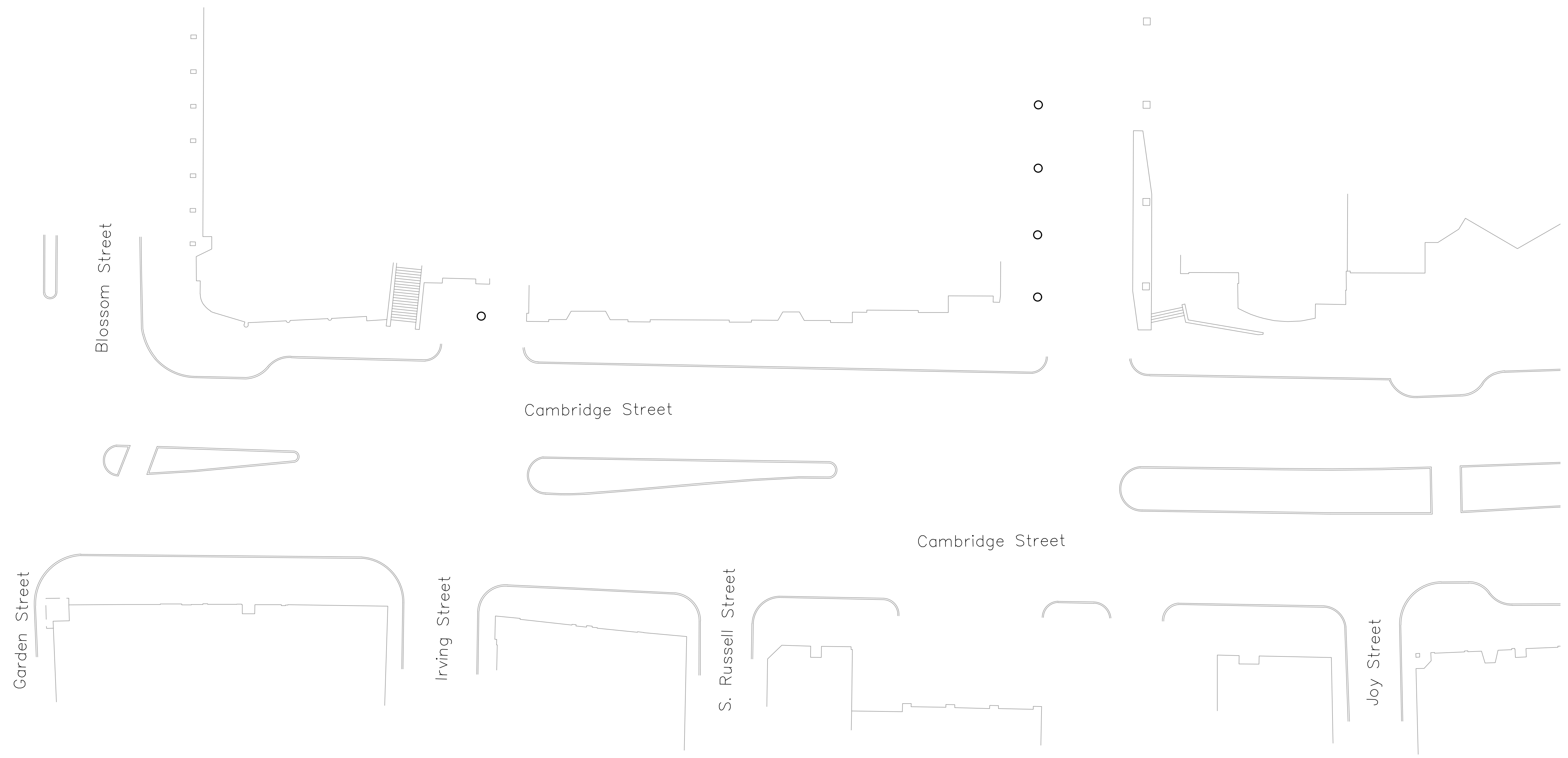
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	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS PART 2 OF 5	
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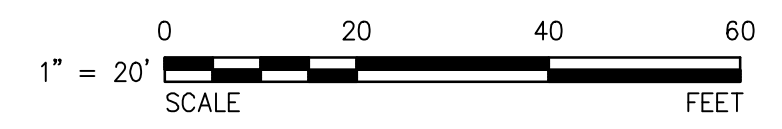
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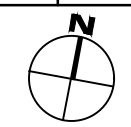
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 REFER TO SHEET / DETAIL TITLES FOR SCALE

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	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS PART 3 OF 5	
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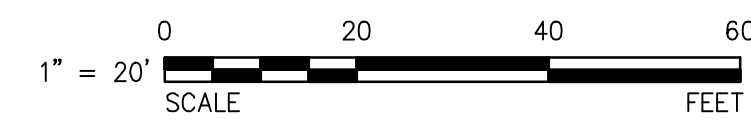
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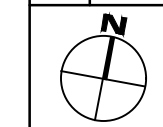
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REFER TO SHEET / DETAIL TITLES FOR SCALE

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	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS PART 4 OF 5							
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FOR CONTINUATION SEE SHEET G1.104

New Chardon Street

EXISTING BOWDOIN
STATION
(BELOW GROUND)

Cambridge Street

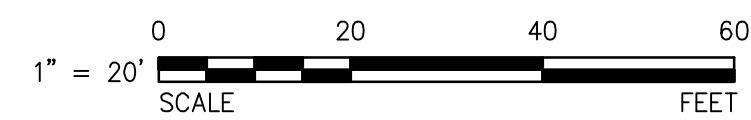
Cambridge Street

Bulfinch Place

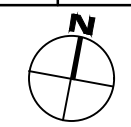
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LAST IN SERIES

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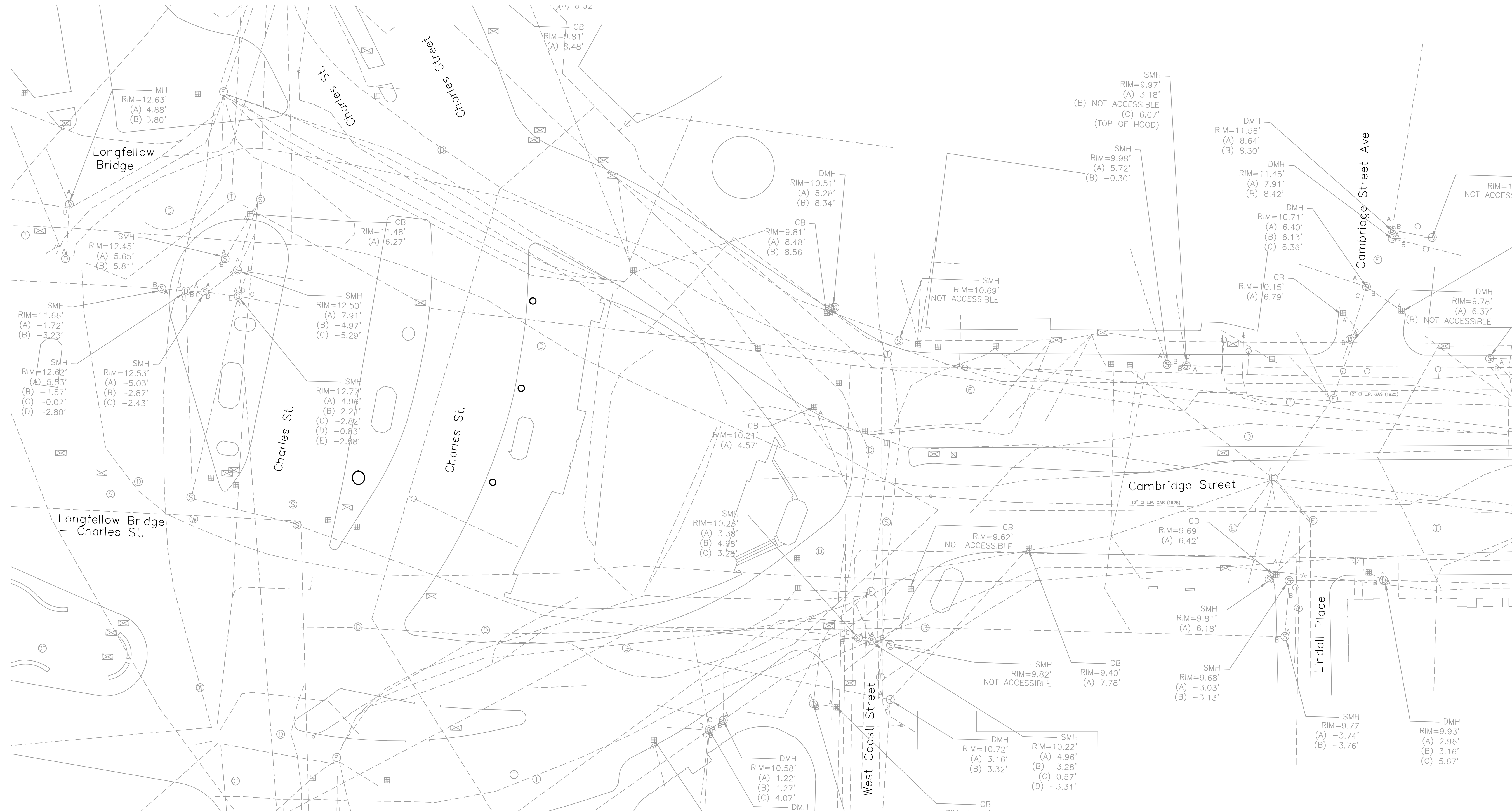


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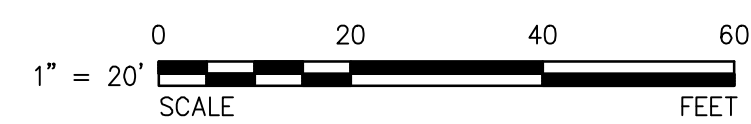
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	RED BLUE CONNECTOR SURVEY - EXISTING CONDITIONS PART 5 OF 5	
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APPROVED BY: _____ PROJECT MANAGER		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
SCALE: 1"=20' DATE: MAR 2021	DRAWN BY: _____ DESIGN BY: _____ CHECK BY: _____	PLAN NO. _____ SHEET: G1.105
ISSUE: _____		



NOTE:
 1. ALL UTILITY ELEVATIONS ARE NAVD 88
 ACQUIRED VIA FIELD SURVEY BY GREEN
 INTERNATIONAL

PLAN
 SCALE: 1"=20'



FOR CONTINUATION SEE SHEET G1.202

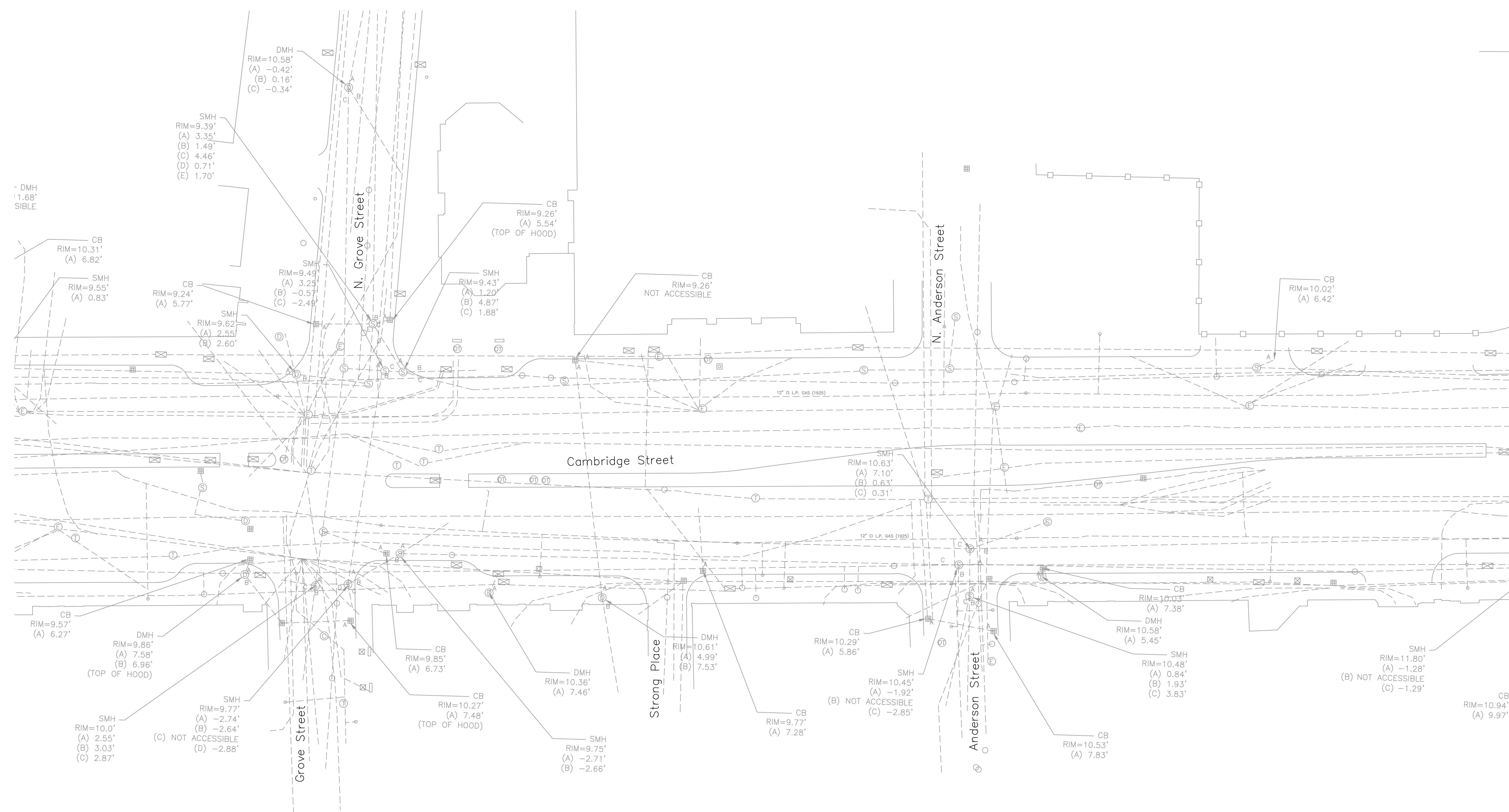
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		RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 1 OF 5	
		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
APPROVED BY: _____ PROJECT MANAGER		1 FEDERAL ST., 6 TH FL. BOSTON, MA 02110 T+1-617-725-1700 AECOM.COM	
ISSUE DATE DESCRIPTION BY CHKD.	SCALE: 1"=20' DATE: MAR 2021	DRAWN BY: _____ DESIGN BY: _____ CHECK BY: _____	PLAN NO. _____ SHEET: G1.201

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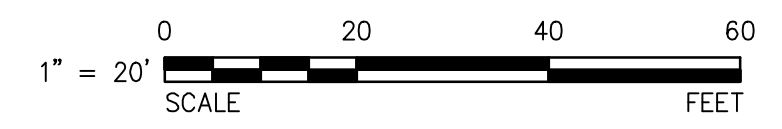
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FOR CONTINUATION SEE SHEET G1.203



NOTE:
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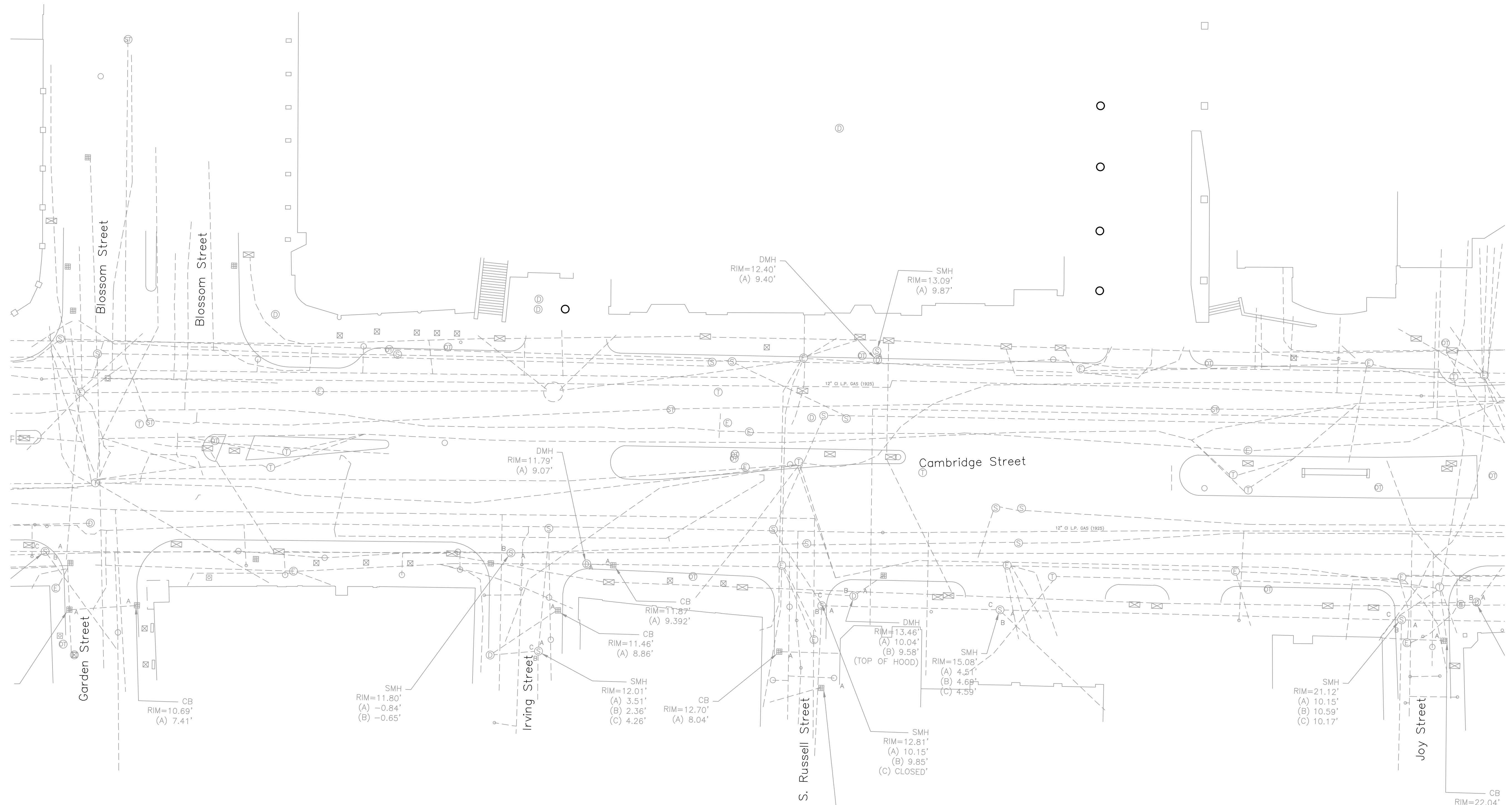


ISSUE	DATE	DESCRIPTION	BY	CHKD.

	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 2 OF 5	
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PROJECT MANAGER	SCALE: 1"=20' DATE: MAR 2021	DRAWN BY DESIGN BY CHECK BY
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		ISSUE

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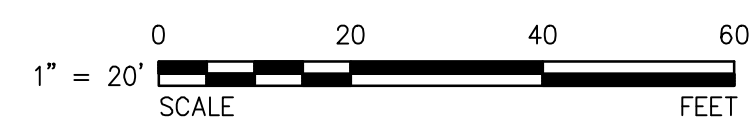


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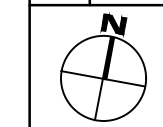
NOTE:

1. ALL UTILITY ELEVATIONS ARE NAVD 88 ACQUIRED VIA FIELD SURVEY BY GREEN INTERNATIONAL

PLAN
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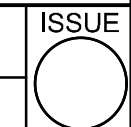


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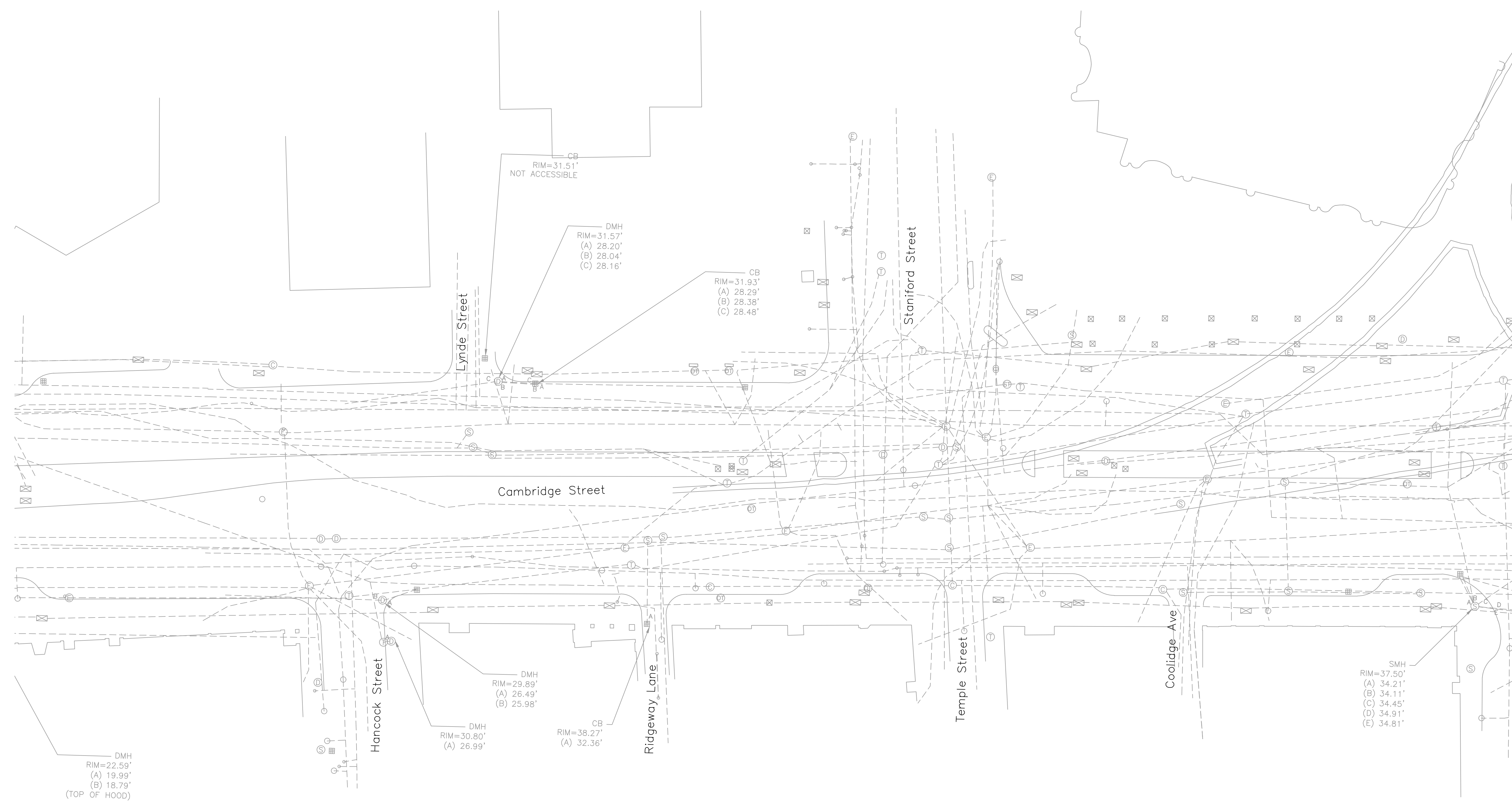
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	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 3 OF 5	
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<small>PROJECT MANAGER</small>	<small>SCALE: 1"=20'</small> <small>DATE: MAR 2021</small>	<small>DRAWN BY</small> <small>DESIGN BY</small> <small>CHECK BY</small>
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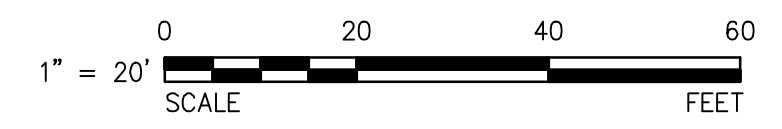
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FOR CONTINUATION SEE SHEET G1.205

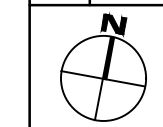


NOTE:
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PLAN
 SCALE: 1"=20'



ISSUE	DATE	DESCRIPTION	BY	CHKD.



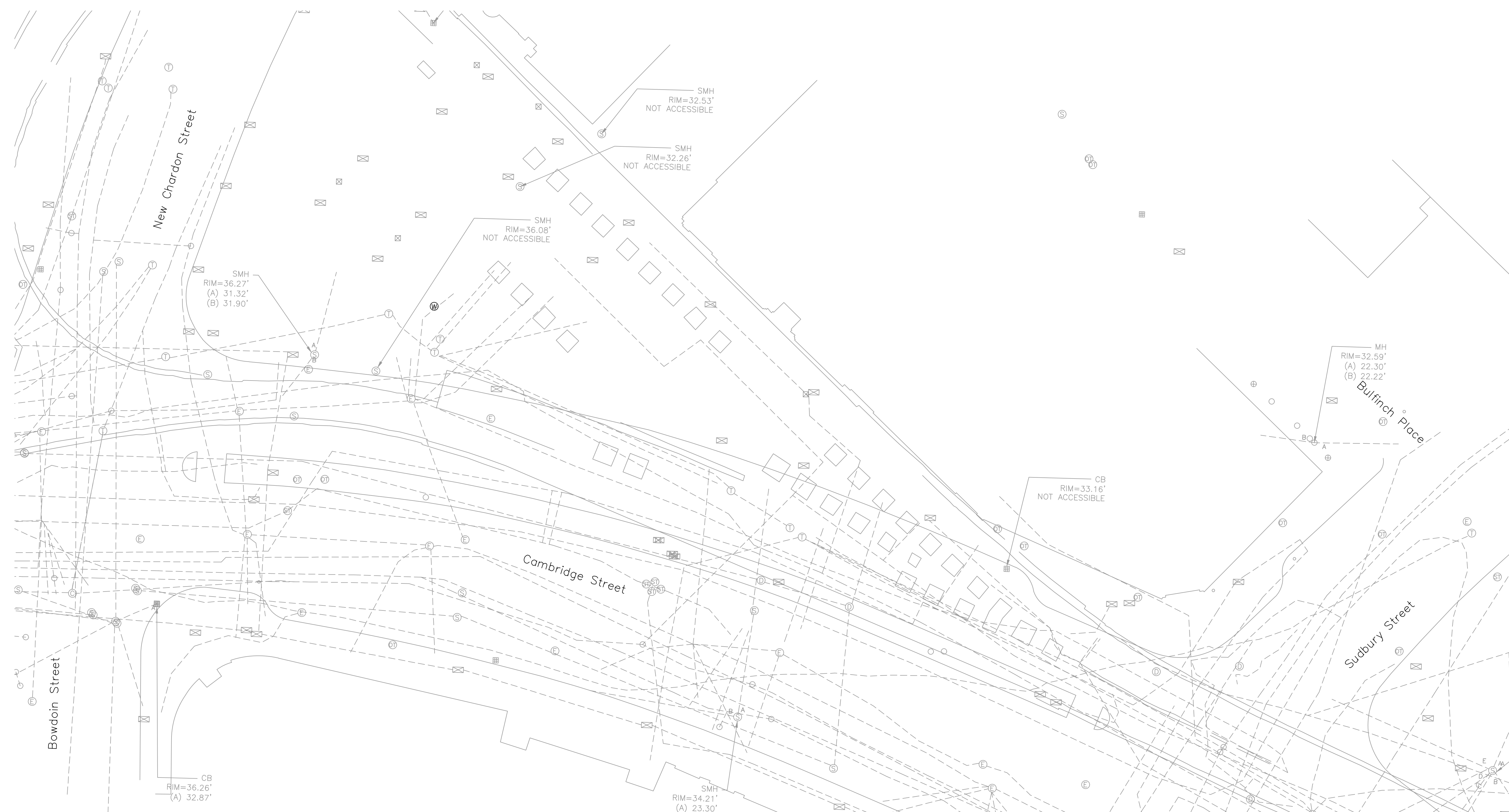
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	RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 4 OF 5	
	1 FEDERAL ST., 6 TH FL. BOSTON, MA 02110 T+1-617-725-1700 AECOM.COM	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
APPROVED BY: _____ PROJECT MANAGER	SCALE: 1"=20' DATE: MAR 2021	DRAWN BY: _____ DESIGN BY: _____ CHECK BY: _____
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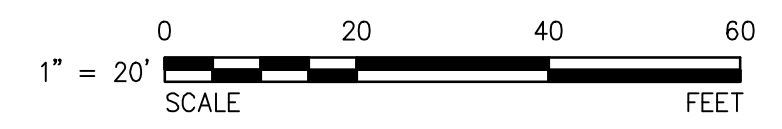
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LAST IN SERIES

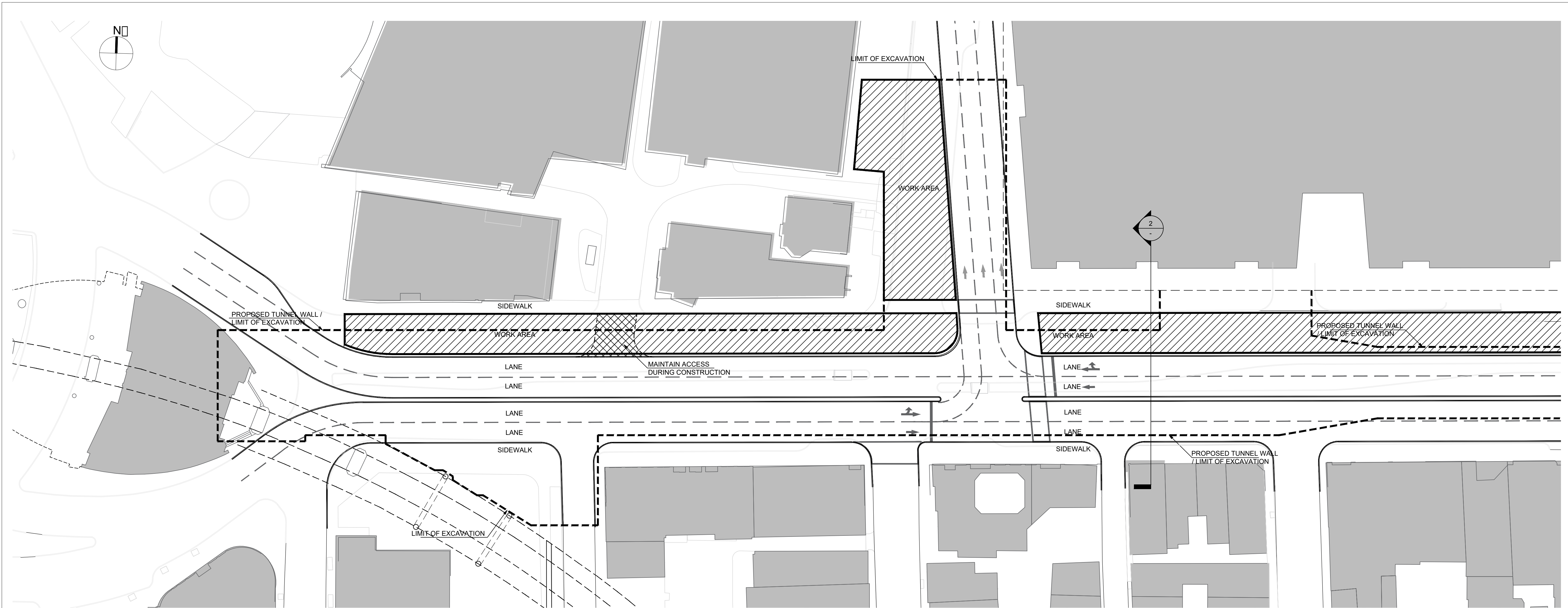


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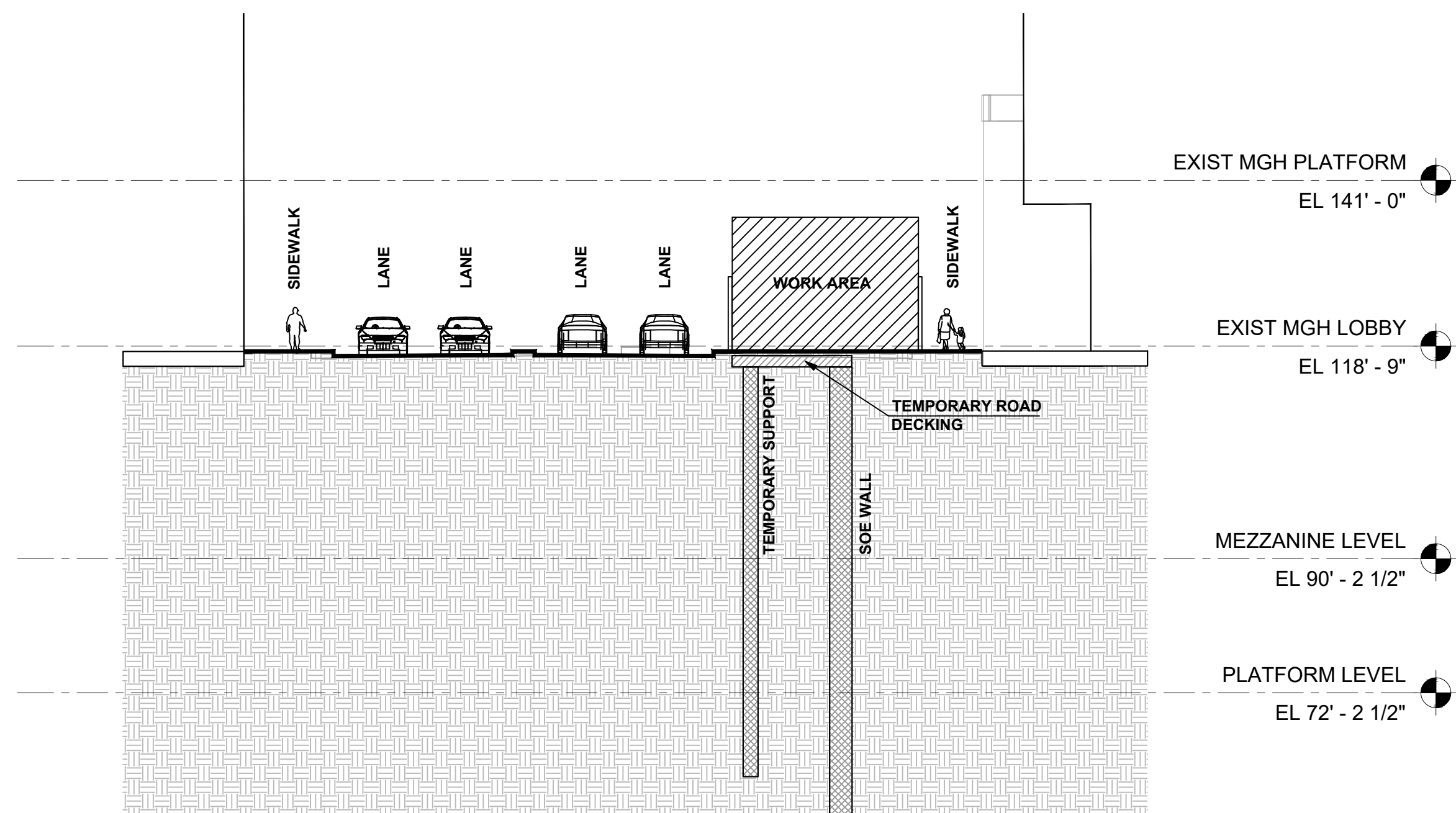
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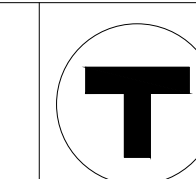
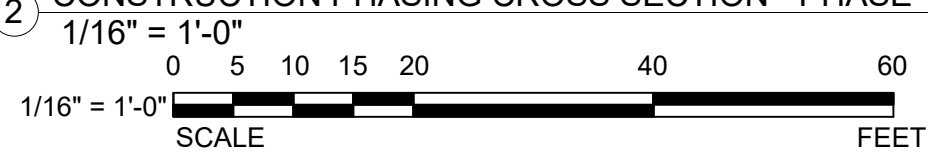
				MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
		RED BLUE CONNECTOR SURVEY - UTILITIES SHEET 5 OF 5			
PROJECT MANAGER				MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
SCALE: 1"=20' DATE: AUG 2020	DRAWN BY	DESIGN BY	CHECK BY	PLAN NO.	ISSUE
GRAPHIC SCALE ABOVE IS FOR FULL SIZE - 22X34 SHEETS REFER TO SHEET / DETAIL TITLES FOR SCALE				SHEET: G1.205	



① CONSTRUCTION PHASING PART PLAN - PHASE 1A



② CONSTRUCTION PHASING CROSS SECTION - PHASE 1A



MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
RED BLUE CONNECTOR
 CHARLES MGH STATION - BOSTON, MA
 CONCEPT DESIGN REPORT

**CONSTRUCTION PHASING PART PLAN
 AND CROSS SECTION - PHASE 1A**

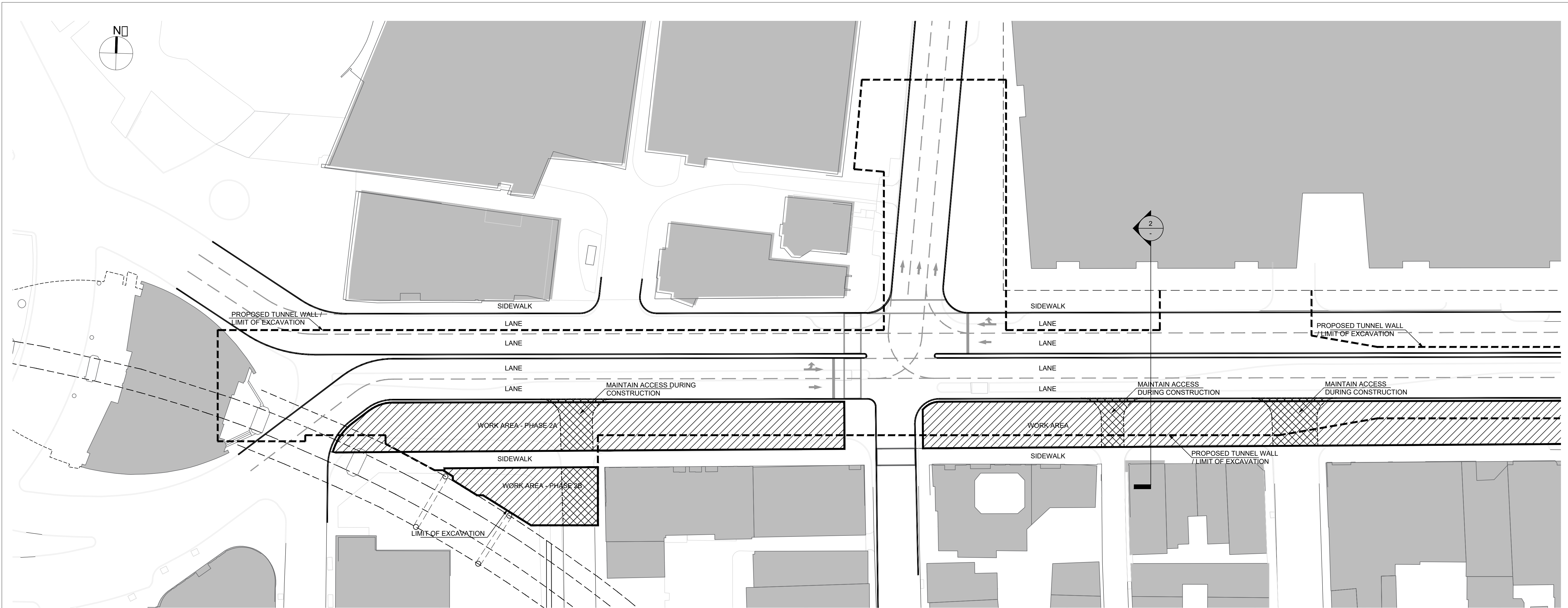


1 FEDERAL ST., 8TH FL.
 BOSTON, MA 02110
 617 723 1700
 www.aecom.com

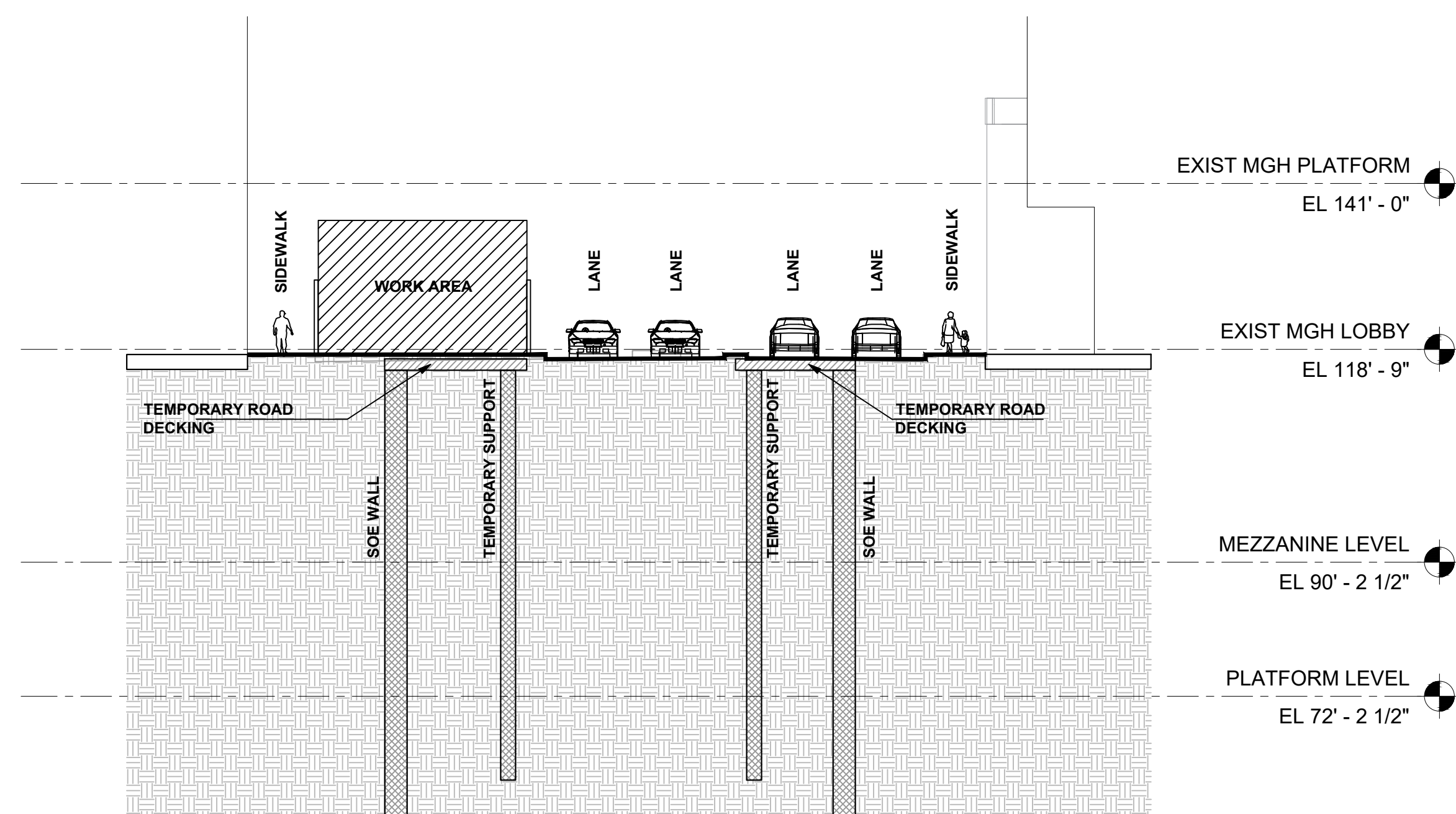
MASSACHUSETTS BAY TRANSPORTATION
 AUTHORITY

ISSUE	DATE	DESCRIPTION	BY	CHKD	APP.



APPROVED BY:	Project Manager	Date
SCALE: AS NOTED	DRAWN BY	DESIGN BY
DATE: NOV 2021	CHECK BY	PLAN NO.
		SHEET: G2.101A
		ISSUE

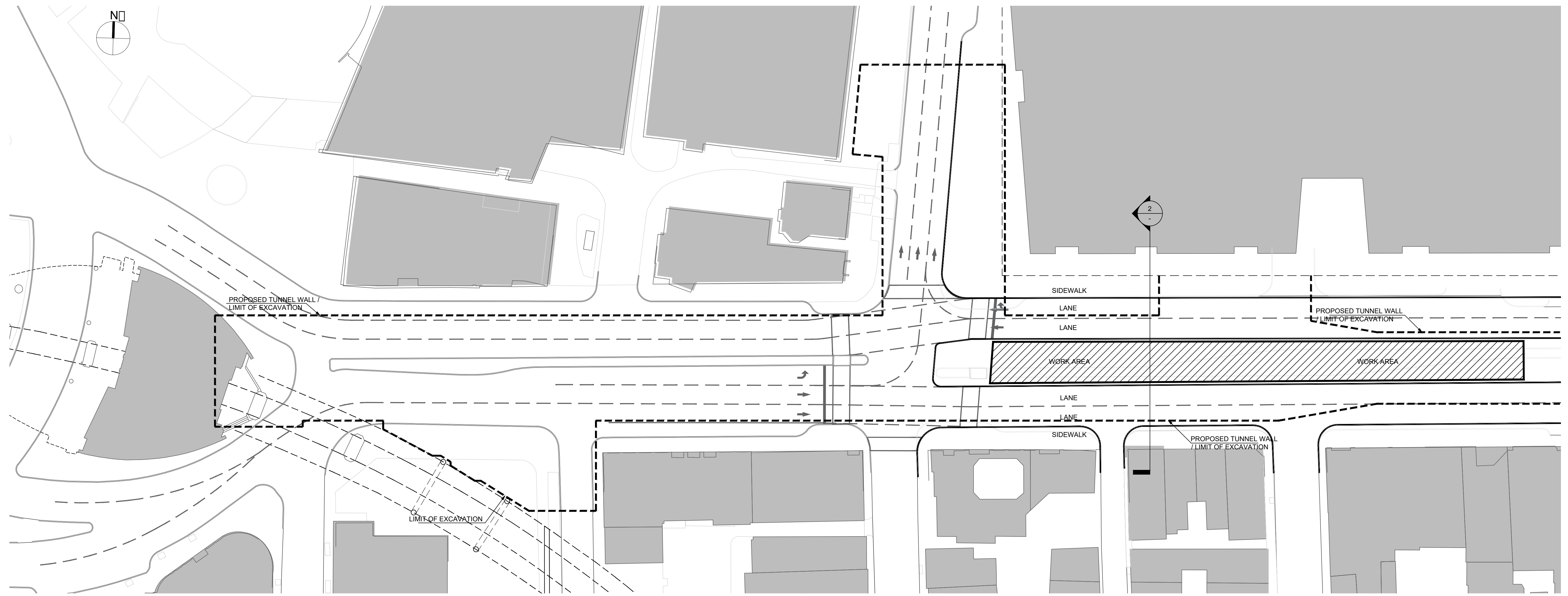


① CONSTRUCTION PHASING PART PLAN - PHASE 2
 1" = 30'-0"
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 1" = 30'
 SCALE FEET

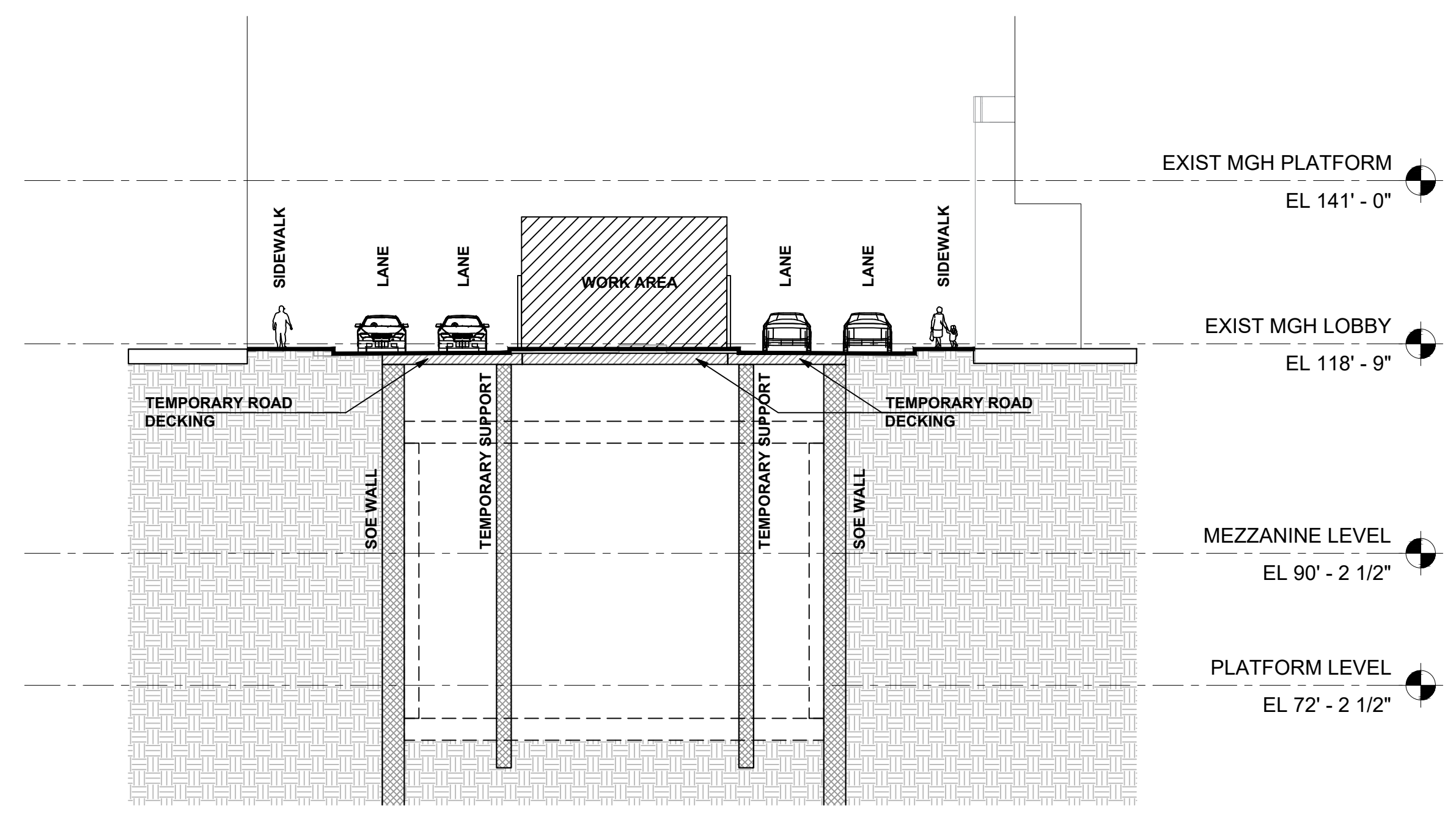


② CONSTRUCTION PHASING CROSS SECTION - PHASE 2
 1/16" = 1'-0"
 0 5 10 15 20 40 60
 1/16" = 1'-0"
 SCALE FEET

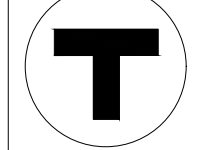

		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT			
		CONSTRUCTION PHASING PART PLAN AND CROSS SECTION - PHASE 2			
		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY			
APPROVED BY:		Project Manager: _____ Date: _____			
ISSUE	DATE	DESCRIPTION	BY	CHKD	APP
SCALE: AS NOTED		DRAWN BY	DESIGN BY	CHECK BY	PLAN NO.
DATE: NOV 2021		SHEET: G2.102			ISSUE



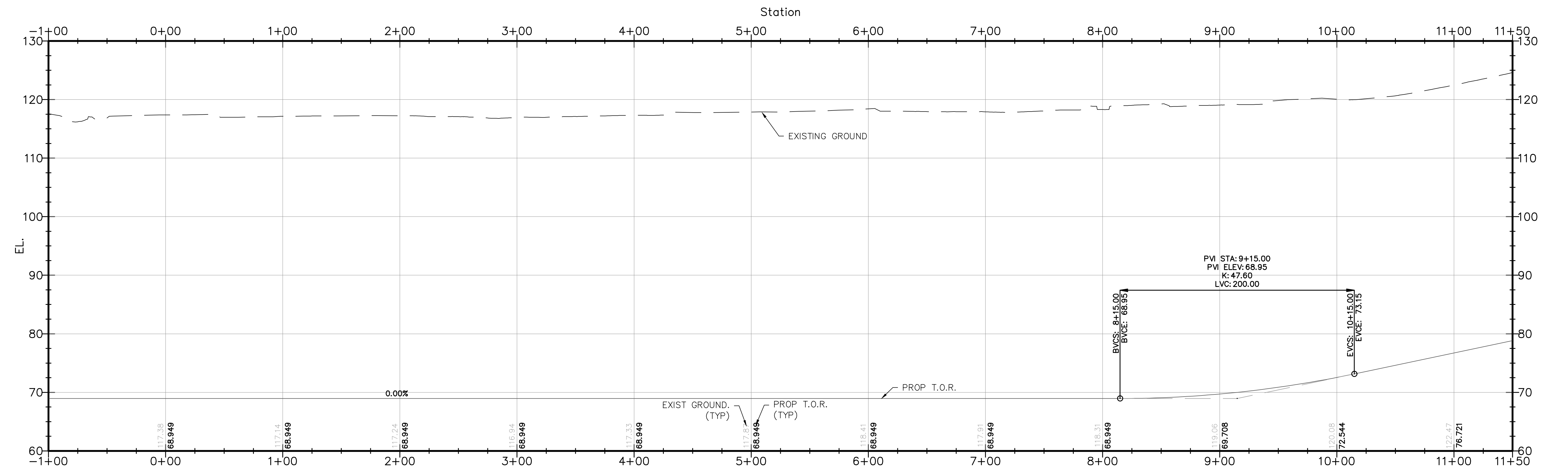
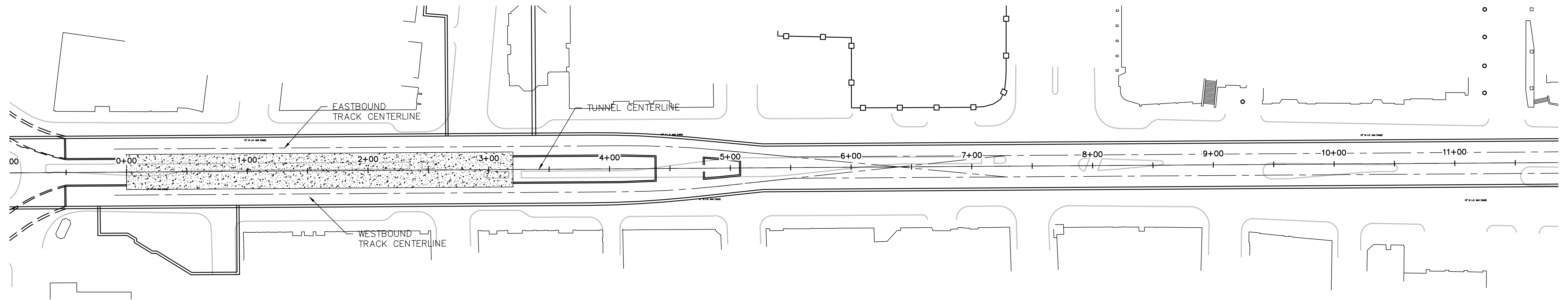
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 1" = 30'
 SCALE FEET



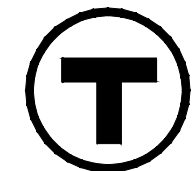

② CONSTRUCTION PHASING CROSS SECTION - PHASE 4
 1/16" = 1'-0"
 0 5 10 15 20 40 60
 1/16" = 1'-0"
 SCALE FEET

		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT			
		CONSTRUCTION PHASING PART PLAN AND CROSS SECTION - PHASE 4			
		1 FEDERAL ST., 8TH FL. BOSTON, MA 02110 617 723 1700 www.aecom.com			
APPROVED BY:		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY			
Project Manager		Date			
ISSUE	DATE	DESCRIPTION	BY	CHKD	APP.
SCALE: AS NOTED		DRAWN BY	DESIGN BY	CHECK BY	PLAN NO.
DATE: NOV 2021		SHEET: G2.104			ISSUE

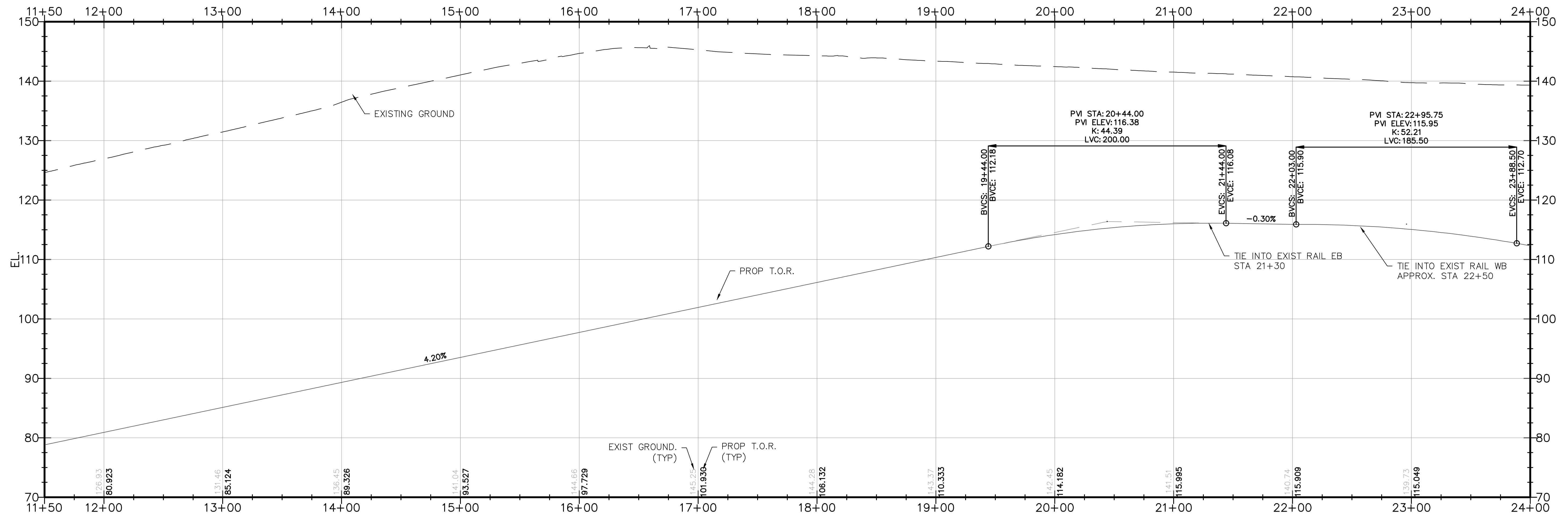
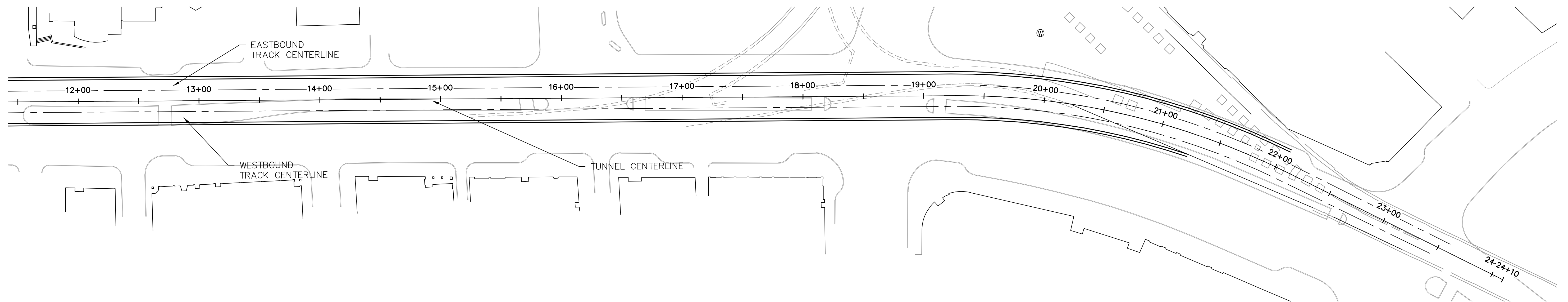
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Tunnel Centerline PROFILE

		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
RED BLUE CONNECTOR TUNNEL PLAN AND PROFILE PART 1 OF 2			
		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
APPROVED BY: _____ PROJECT MANAGER		SCALE: 1"=20' DATE: MAR. 2021	
DRAWN BY: _____ DESIGN BY: _____ CHECK BY: _____		PLAN NO. _____ SHEET: C1.101	
ISSUE DATE DESCRIPTION BY CHKD.		ISSUE _____	

0 1/4" 1/2" 1" 2" 3"
 GRAPHIC SCALE ABOVE IS FOR FULL SIZE - 22X34 SHEETS
 REFER TO SHEET / DETAIL TITLES FOR SCALE



Tunnel Centerline PROFILE

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
 RED - BLUE CONNECTOR
 CONCEPTUAL DESIGN
 CONCEPT DESIGN REPORT

RED BLUE CONNECTOR
 TUNNEL PLAN AND PROFILE
 PART 2 OF 2

AECOM
 APPROVED BY: _____
 PROJECT MANAGER: _____
 1 FEDERAL ST., 8TH FL.
 BOSTON, MA 02110
 T+1-617-723-1700
 AECOM.COM
 MASSACHUSETTS BAY TRANSPORTATION
 AUTHORITY

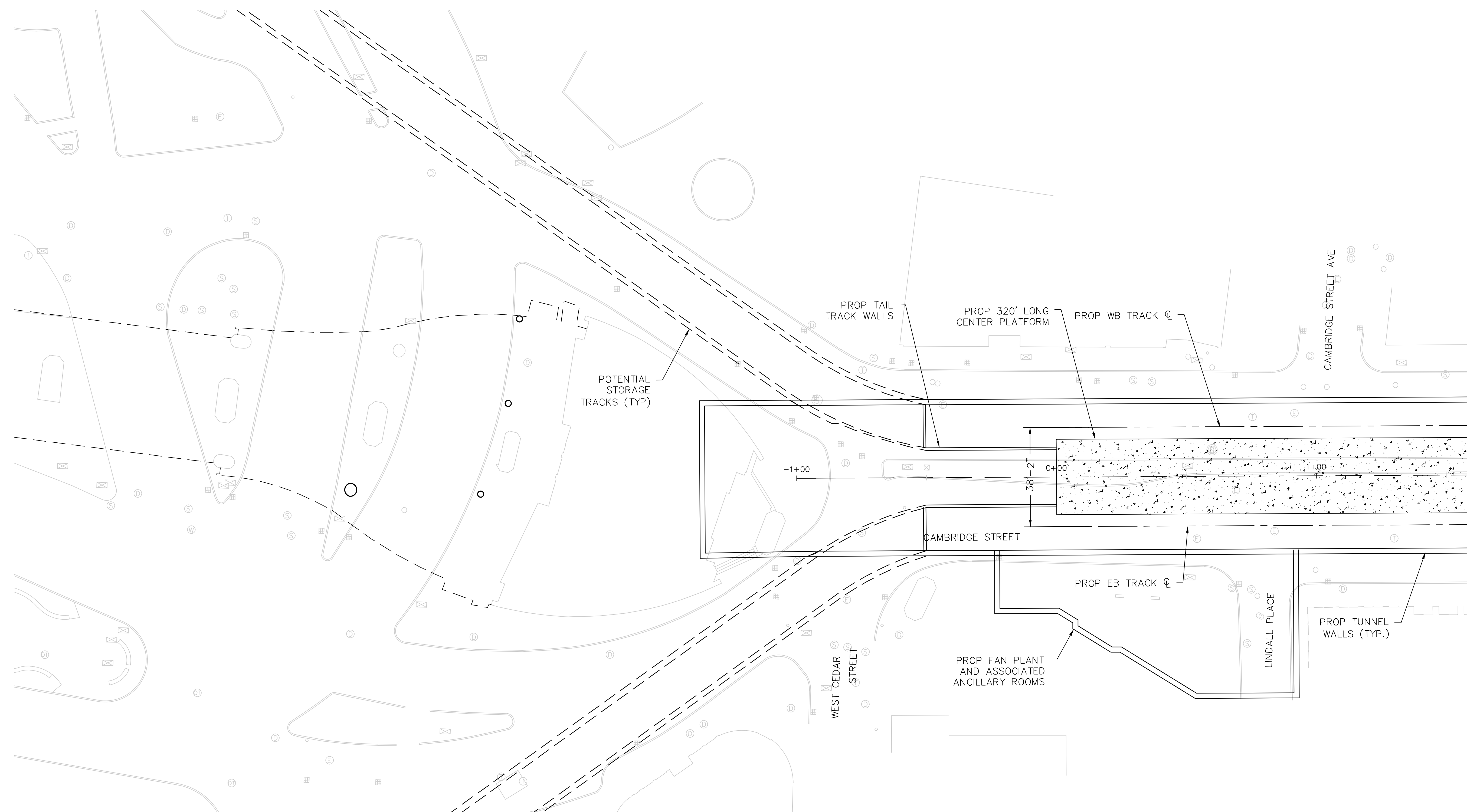
ISSUE	DATE	DESCRIPTION	BY	CHKD.

SCALE: 1"=20'
 DATE: MAR. 2021
 DRAWN BY: _____
 DESIGN BY: _____
 CHECK BY: _____
 GRAPHIC SCALE ABOVE IS FOR FULL SIZE - 22X34 SHEETS
 REFER TO SHEET / DETAIL TITLES FOR SCALE

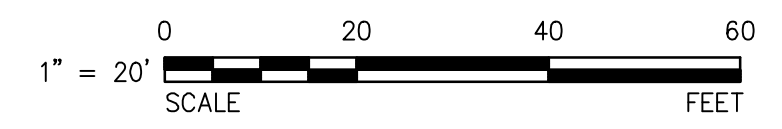
PLAN NO. _____
 SHEET: C1.102
 ISSUE: _____

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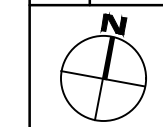


PLAN
 SCALE: 1"=20'



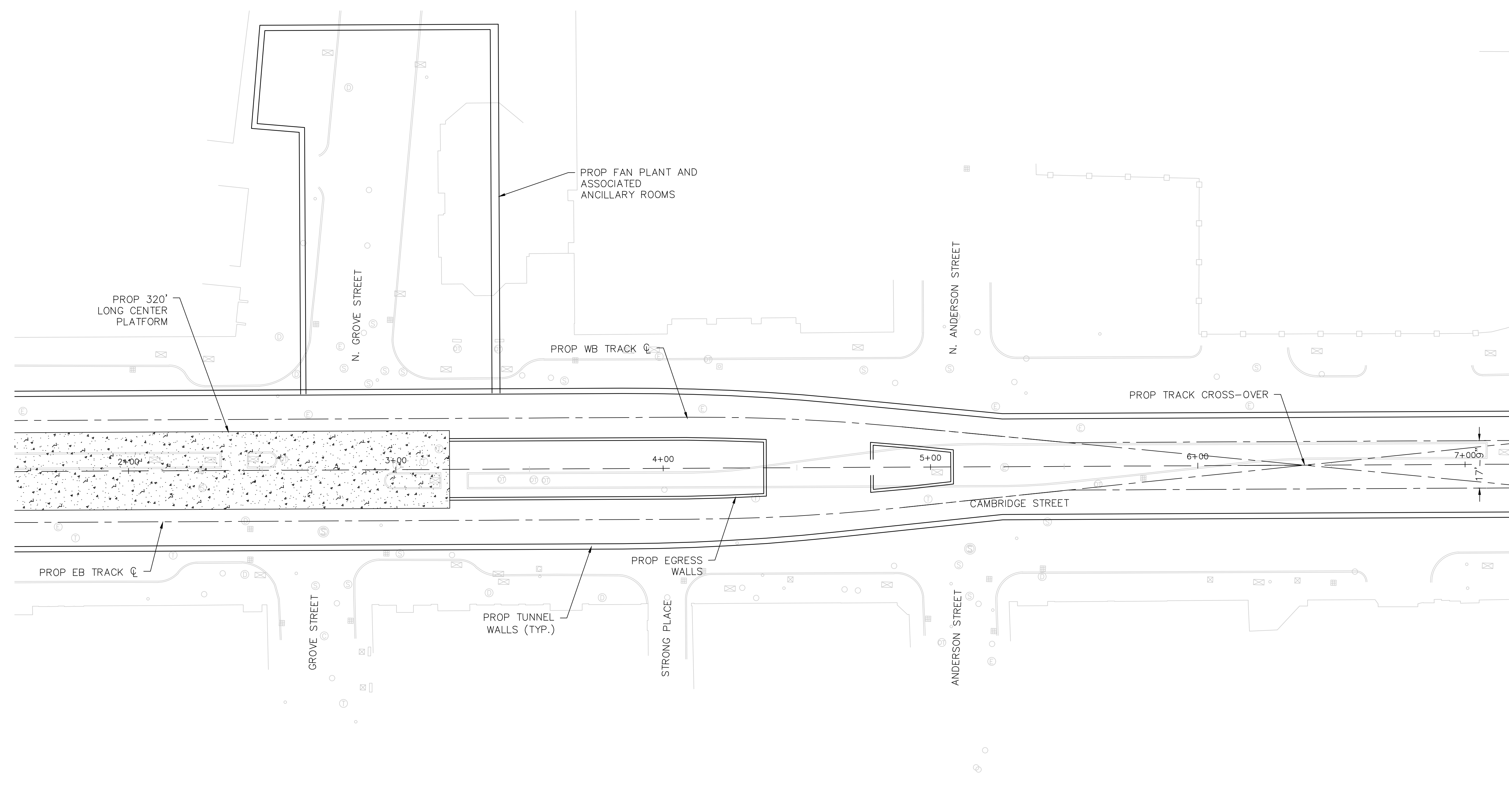
FOR CONTINUATION SEE SHEET C-2

		T		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
				RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
		RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 1 OF 5			
		AECOM		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
		APPROVED BY:		PROJECT MANAGER	
ISSUE	DATE	DESCRIPTION	BY	CHKD.	
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		DATE: MAR. 2021		CHECK BY	PLAN NO.
		SHEET: C2.101		ISSUE	



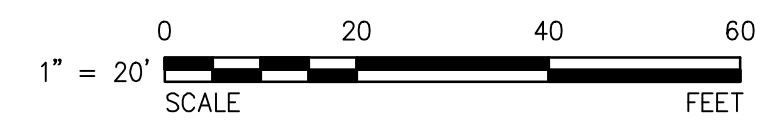
GRAPHIC SCALE ABOVE IS FOR FULL SIZE - 22X34 SHEETS
 REFER TO SHEET / DETAIL TITLES FOR SCALE

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PLAN
 SCALE: 1"=20'

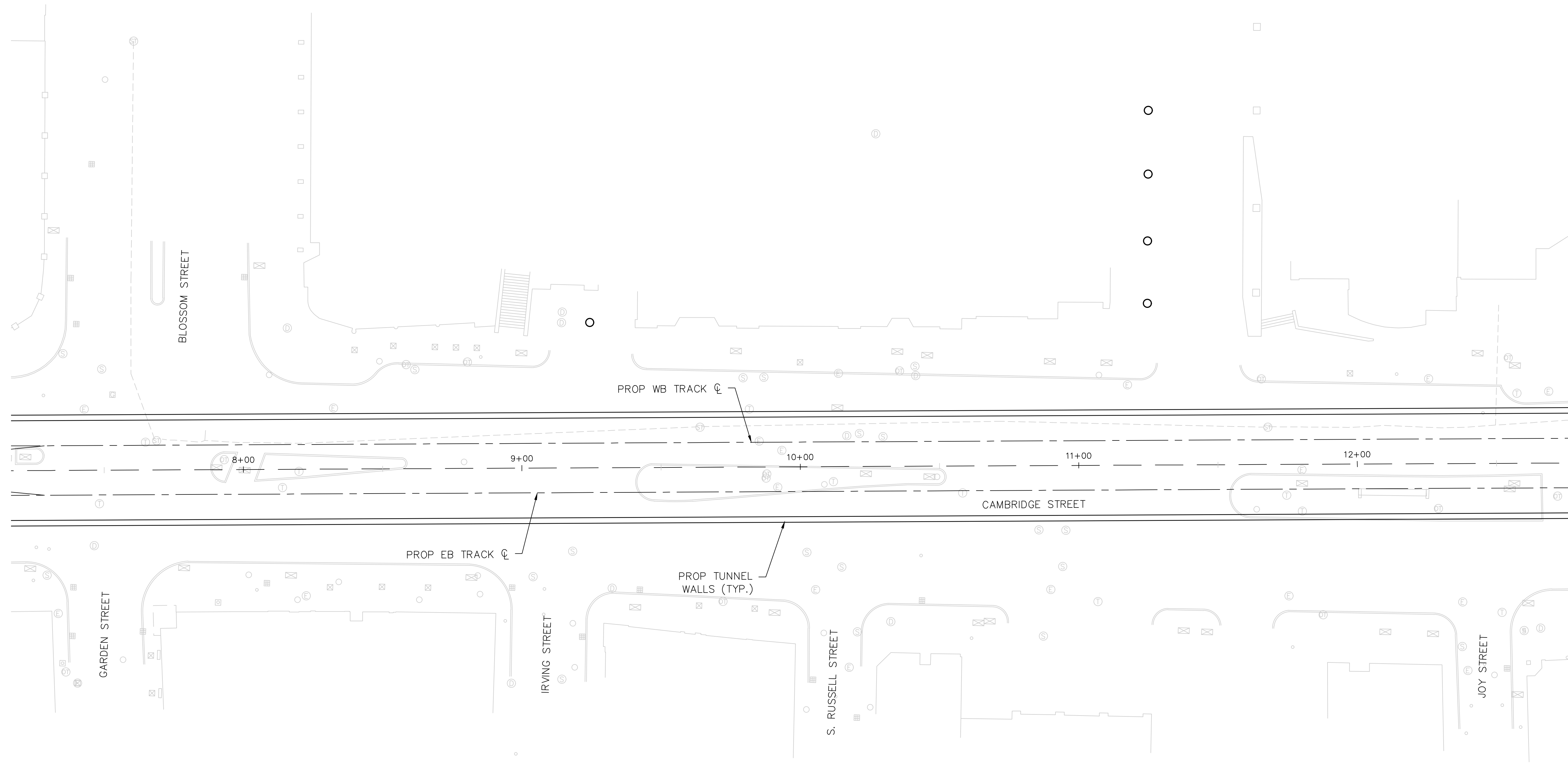
FOR CONTINUATION SEE SHEET C-3



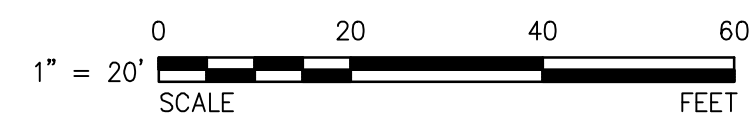
ISSUE	DATE	DESCRIPTION	BY	CHKD.

T	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
	RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 2 OF 5		
AECOM <small>APPROVED BY:</small>	<small>1 FEDERAL ST., 6TH FL. BOSTON, MA 02110 T+1-617-223-1700 AECOM.COM</small>	
	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
PROJECT MANAGER	SCALE: 1"=20'	DATE: MAR. 2021
DRAWN BY	DESIGN BY	CHECK BY
PLAN NO.	SHEET: C2.102	
ISSUE	()	

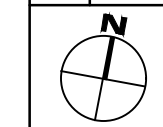
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PLAN
 SCALE: 1"=20'



ISSUE	DATE	DESCRIPTION	BY	CHKD.

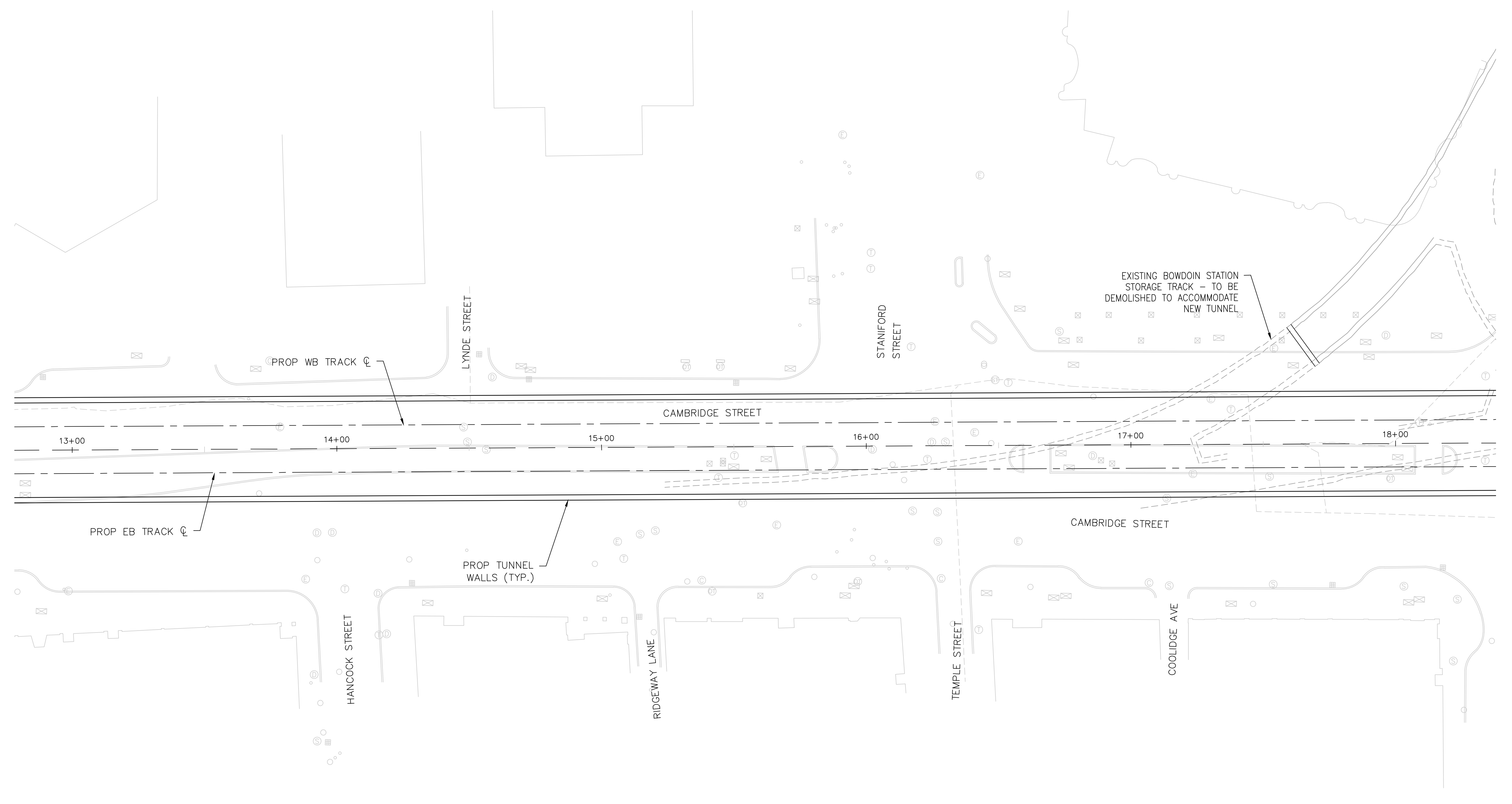


GRAPHIC SCALE ABOVE IS FOR FULL SIZE - 22X34 SHEETS
 REFER TO SHEET / DETAIL TITLES FOR SCALE

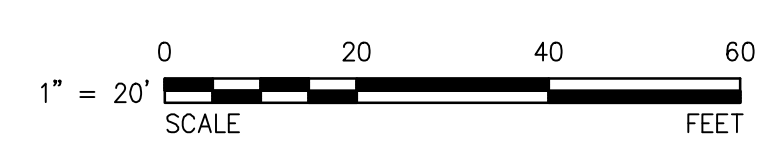
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	RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 3 OF 5							
	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY							
APPROVED BY: _____ PROJECT MANAGER	SCALE: 1"=20' DATE: MAR. 2021	<table border="1"> <tr> <td>DRAWN BY</td> <td>DESIGN BY</td> <td>CHECK BY</td> </tr> <tr> <td> </td> <td> </td> <td> </td> </tr> </table>	DRAWN BY	DESIGN BY	CHECK BY			
DRAWN BY	DESIGN BY	CHECK BY						
PLAN NO. SHEET: C2.103	ISSUE 							

FOR CONTINUATION SEE SHEET C-4

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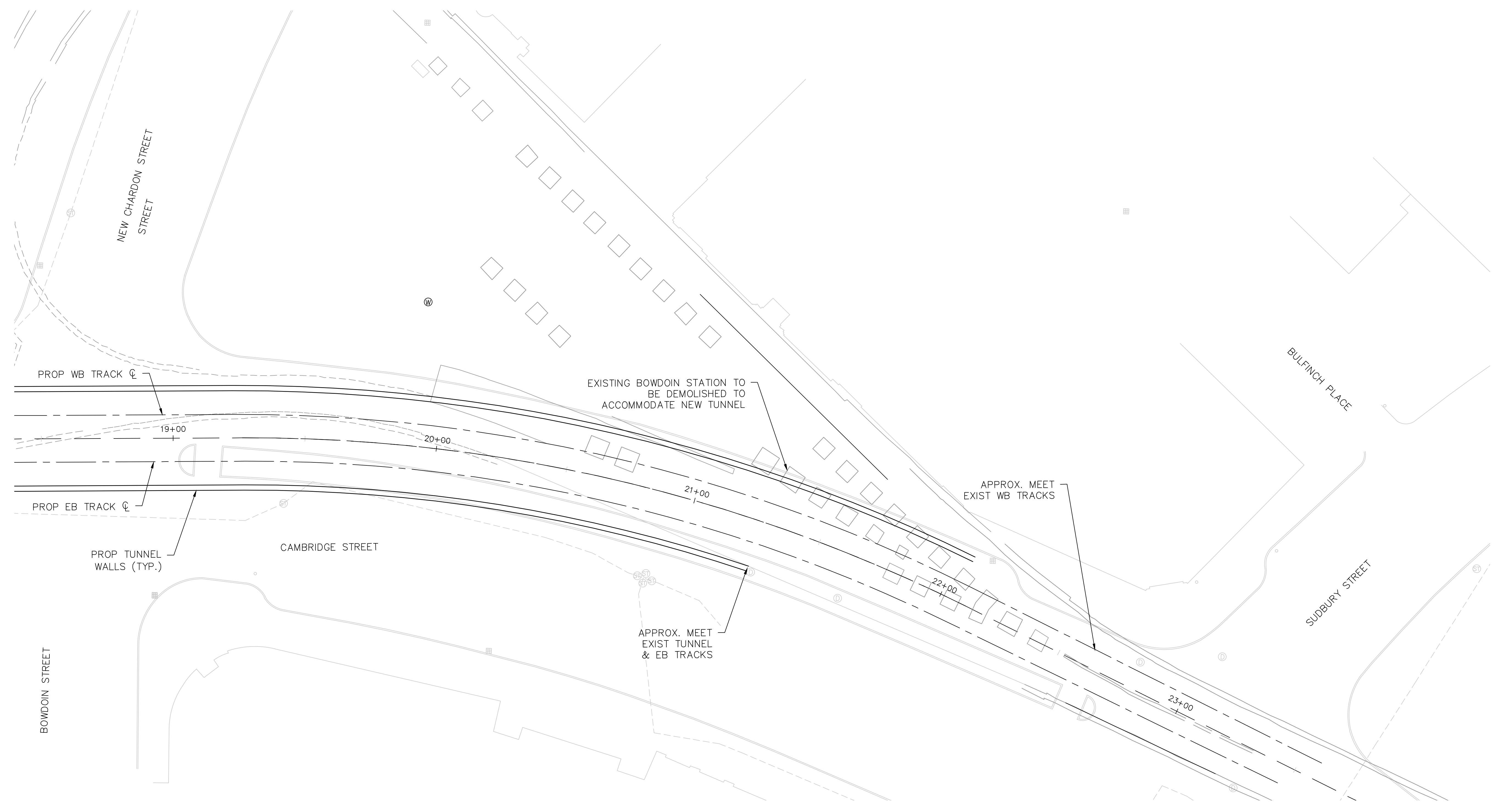
PLAN
 SCALE: 1"=20'



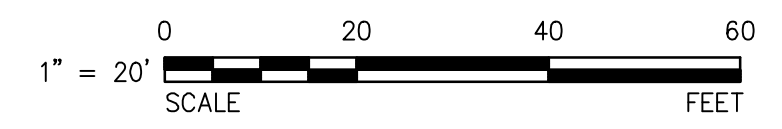
FOR CONTINUATION SEE SHEET C-5

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		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
APPROVED BY: _____ PROJECT MANAGER		SCALE: 1"=20' DATE: MAR. 2021	
ISSUE DATE	DESCRIPTION	BY CHKD.	DRAWN BY DESIGN BY CHECK BY
		PLAN NO. SHEET: C2.104	
0 1/4" 1/2" 1" 2" 3" GRAPHIC SCALE ABOVE IS FOR FULL SIZE - 22X34 SHEETS REFER TO SHEET / DETAIL TITLES FOR SCALE		1 FEDERAL ST., 6 TH FL. BOSTON, MA 02110 T+1-617-223-1700 AECOM.COM	

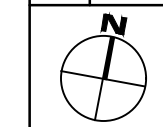
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PLAN
 SCALE: 1"=20'



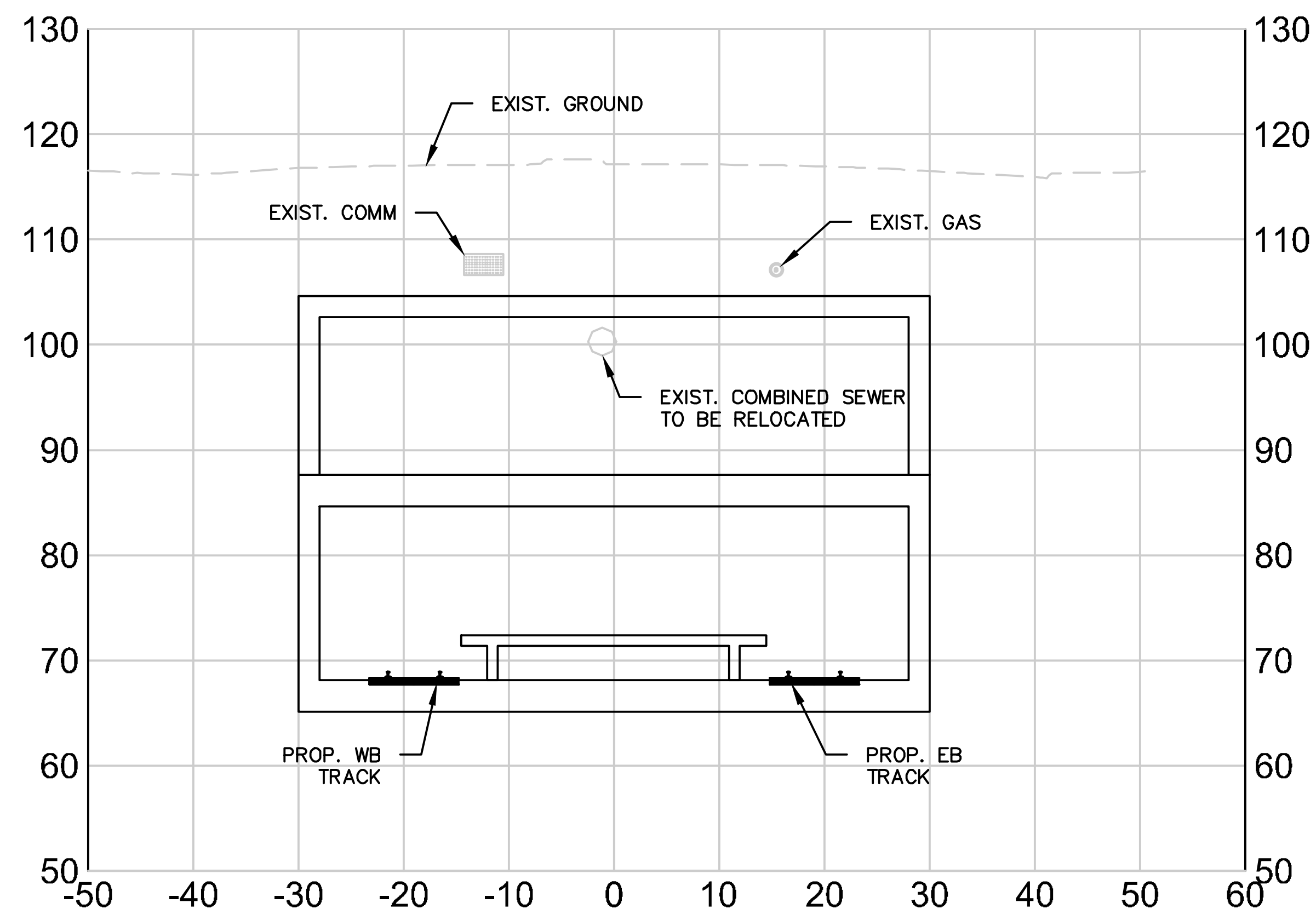
ISSUE	DATE	DESCRIPTION	BY	CHKD.



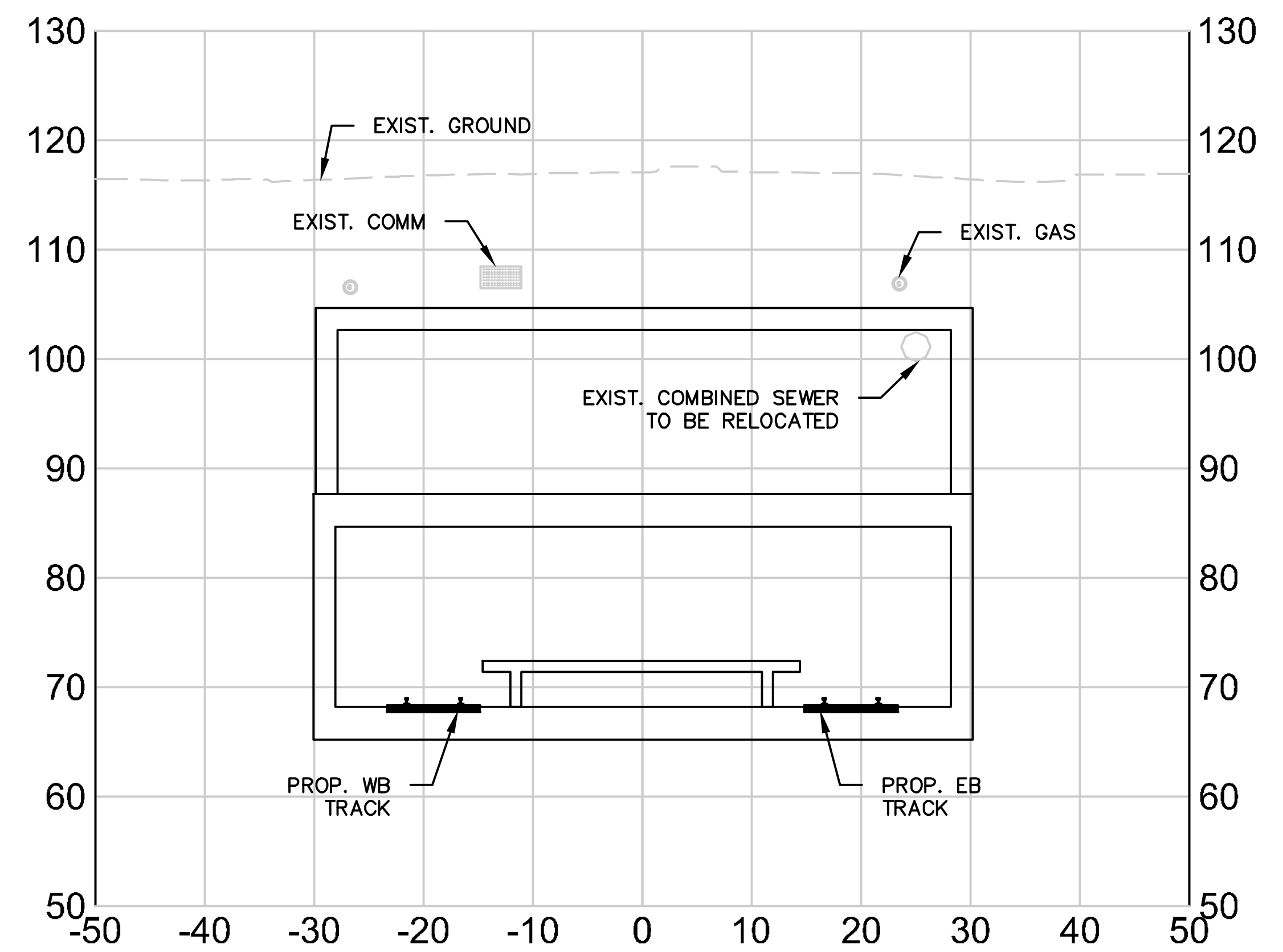
0 1/4" 1/2" 1" 2" 3"
 GRAPHIC SCALE ABOVE IS FOR FULL SIZE - 22X34 SHEETS
 REFER TO SHEET / DETAIL TITLES FOR SCALE

	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
	RED BLUE CONNECTOR TUNNEL LAYOUT PLAN SHEET 5 OF 5	
	1 FEDERAL ST., 6 TH FL. BOSTON, MA 02110 T+1-617-223-1700 AECOM.COM	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
APPROVED BY: _____ PROJECT MANAGER	SCALE: 1"=20' DATE: MAR. 2021	DRAWN BY: _____ DESIGN BY: _____ CHECK BY: _____ PLAN NO. _____ SHEET: C2.105
	ISSUE	

Beginning of Platform STA 0+00



End of Platform STA 3+20



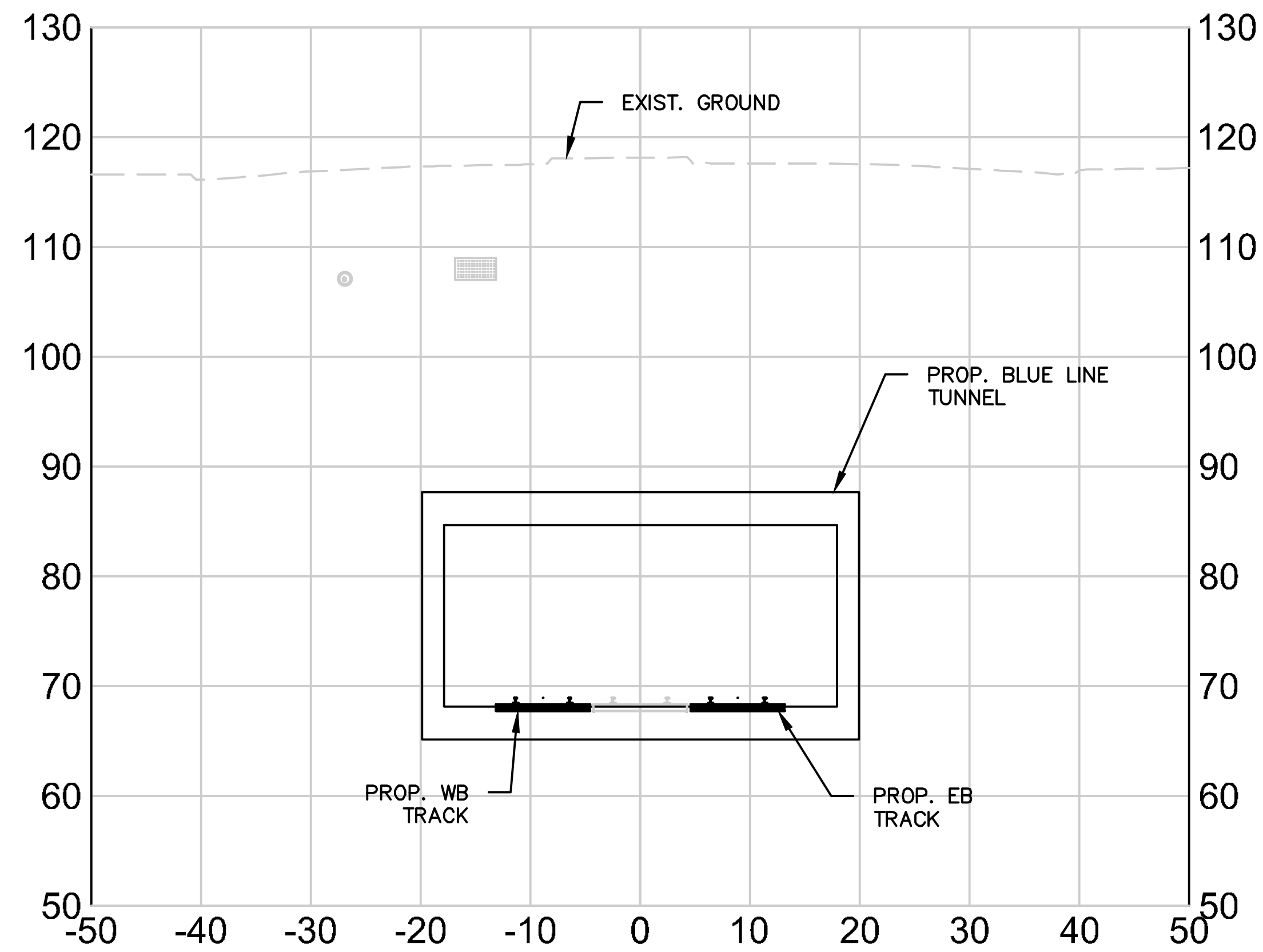
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SCALE: 1"=20'
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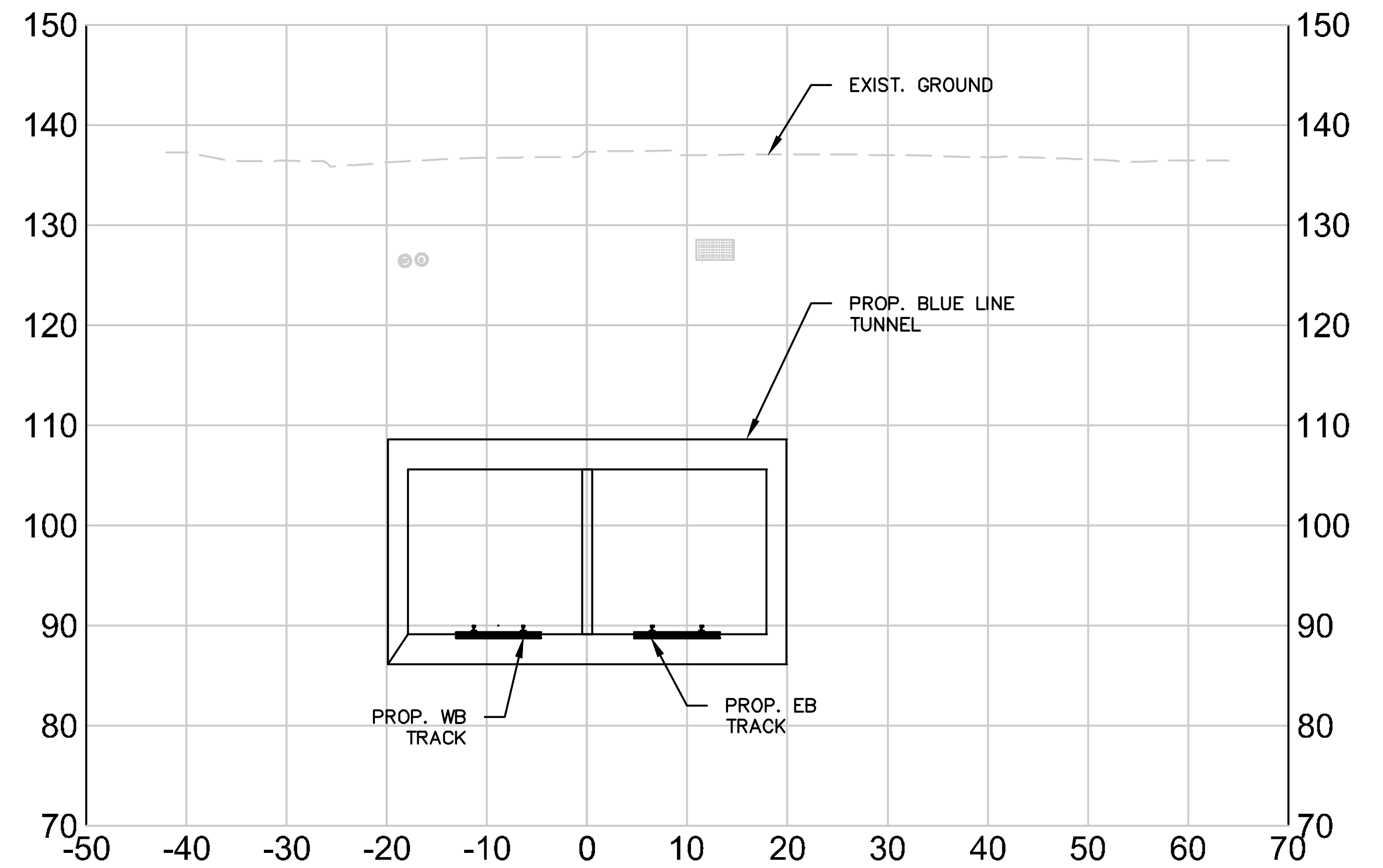
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	RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 1 OF 4		
AECOM <small>APPROVED BY:</small>	<small>1 FEDERAL ST., 6TH FL. BOSTON, MA 02119 T+1-817-223-1700 AECOM.COM</small>	
	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
<small>PROJECT MANAGER</small> _____ <small>DRAWN BY</small> _____ <small>DESIGN BY</small> _____ <small>CHECK BY</small> _____	<small>PLAN NO.</small> _____ <small>SHEET:</small> C3.101	<small>ISSUE</small> _____

PLOTTED: 08/20/20 8:58PM BY: MATTHEW CASARIE
 DRAWING: C:\USERS\MATTHEWSCASARIE\APPDATA\LOCAL\TEMP\ACRIBUILDING [1] 08/20/20 8:58PM

Cross-Over STA 5+50



Sloping Tunnel 14+00



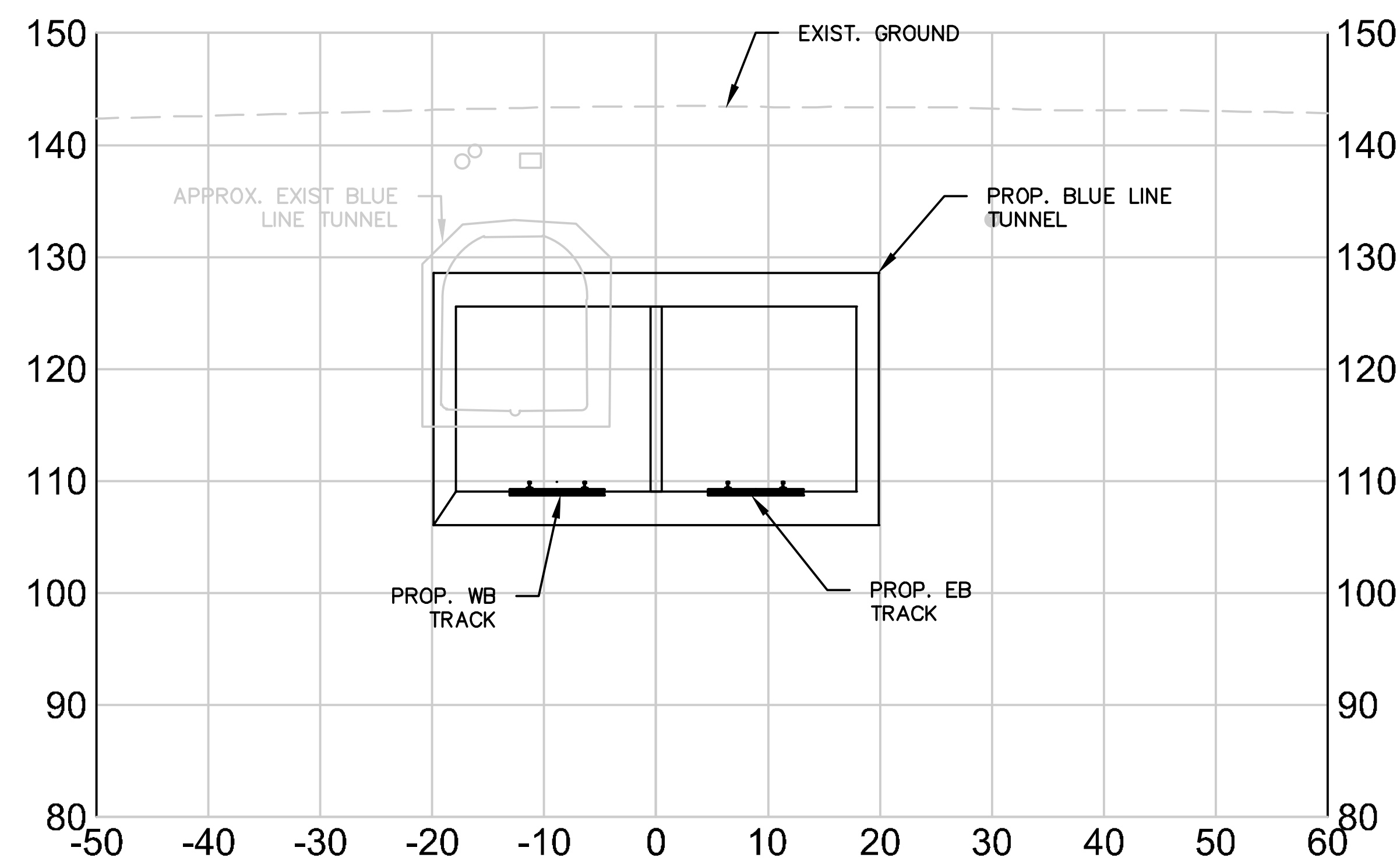
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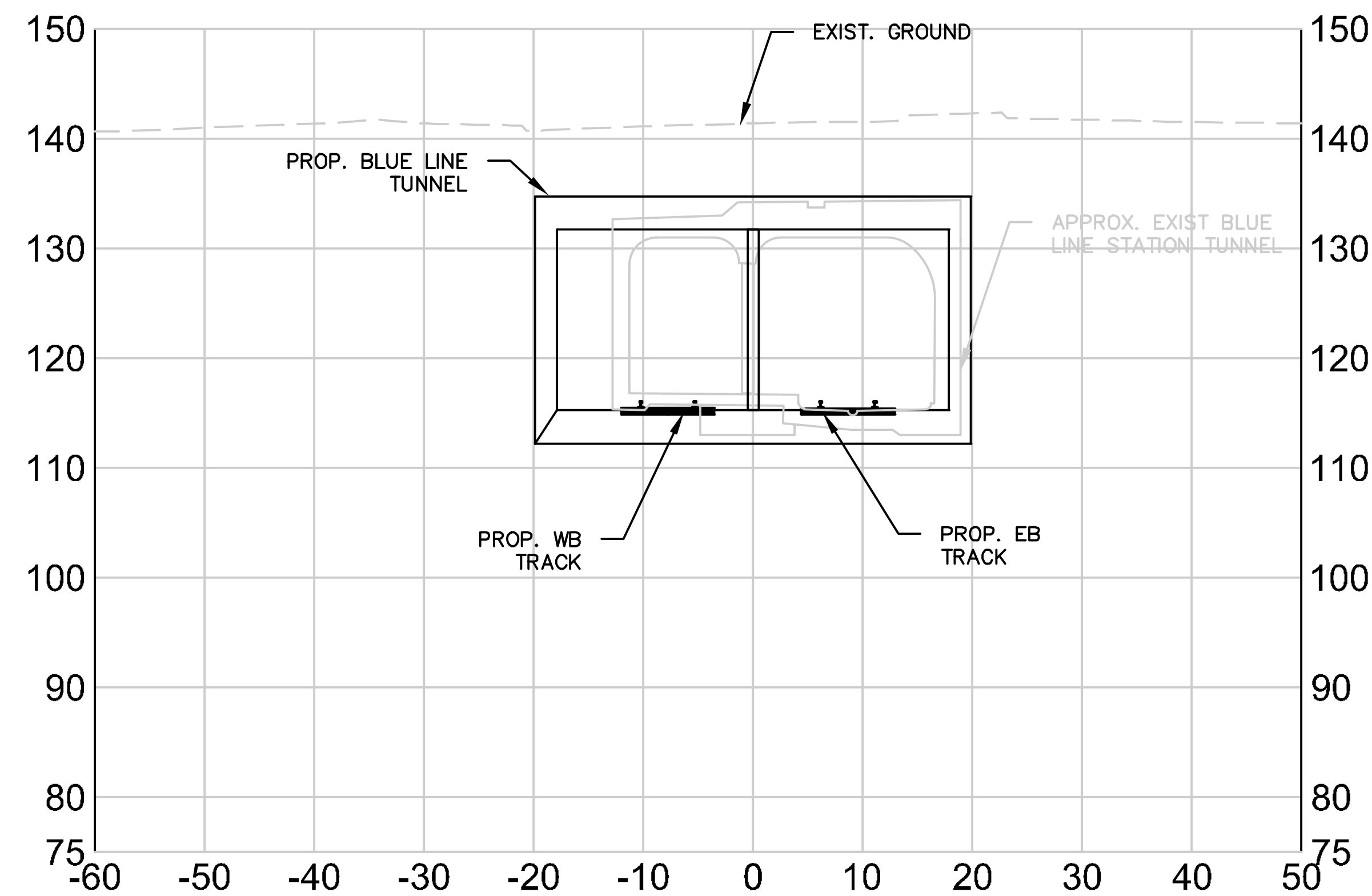
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	RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 2 OF 4		
AECOM <small>APPROVED BY:</small>	<small>1 FEDERAL ST., 6TH FL. BOSTON, MA 02110 T+1-817-223-1700 AECOM.COM</small>	
	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
PROJECT MANAGER	DRAWN BY	DESIGN BY
SCALE: 1"=20'	CHECK BY	PLAN NO.
DATE: AUG 2020		SHEET: C3.102

PLOTTED: 08/20/20 8:58AM BY: MATTHEW CASARIE
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Below Exist Tail Track 18+75



Exist Tunnel & Station 21+00

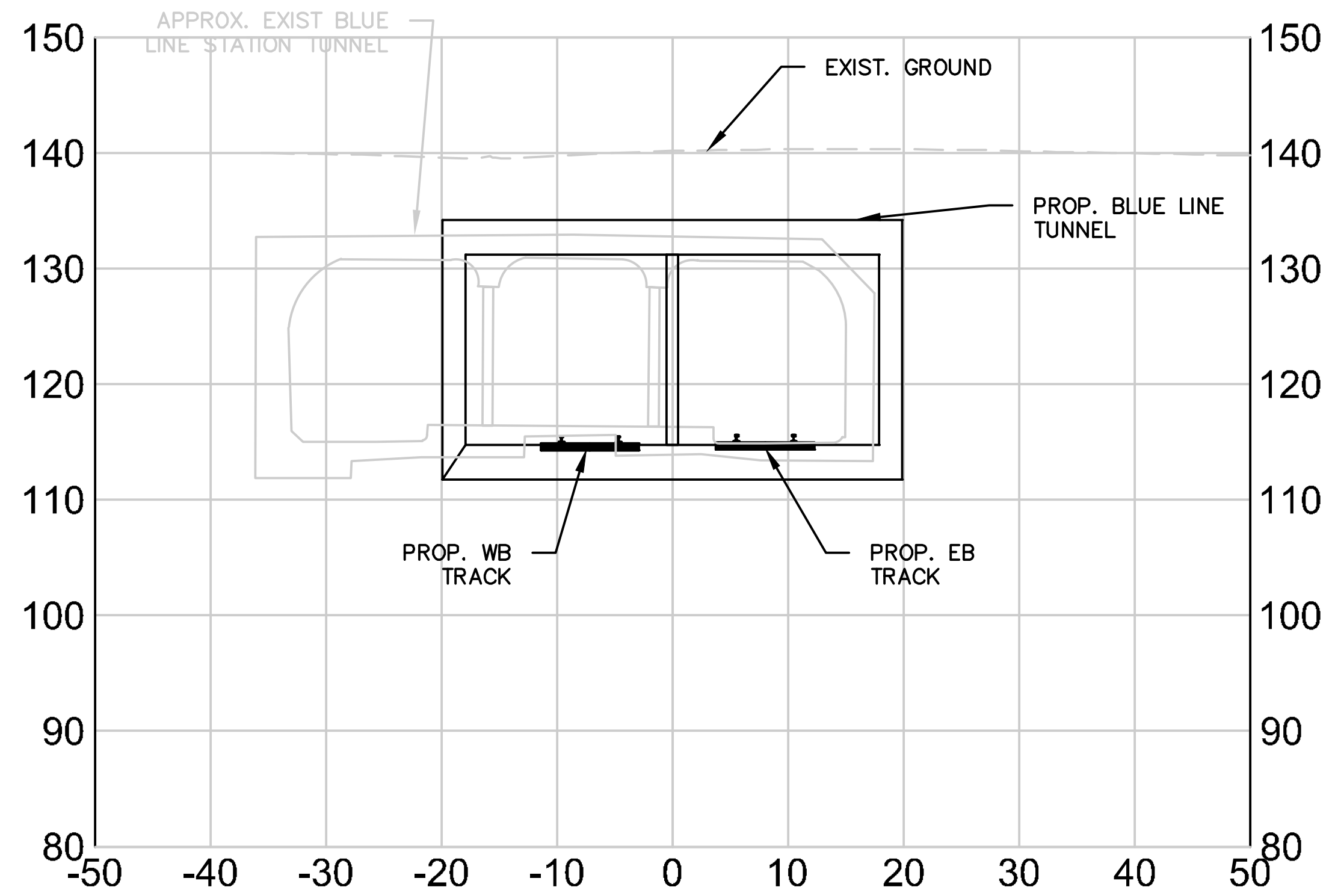


		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT	
		RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 3 OF 4	
		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
SCALE: 1"=20' DATE: AUG 2020		DRAWN BY: _____ DESIGN BY: _____ CHECK BY: _____	PLAN NO. _____ SHEET: C3.103

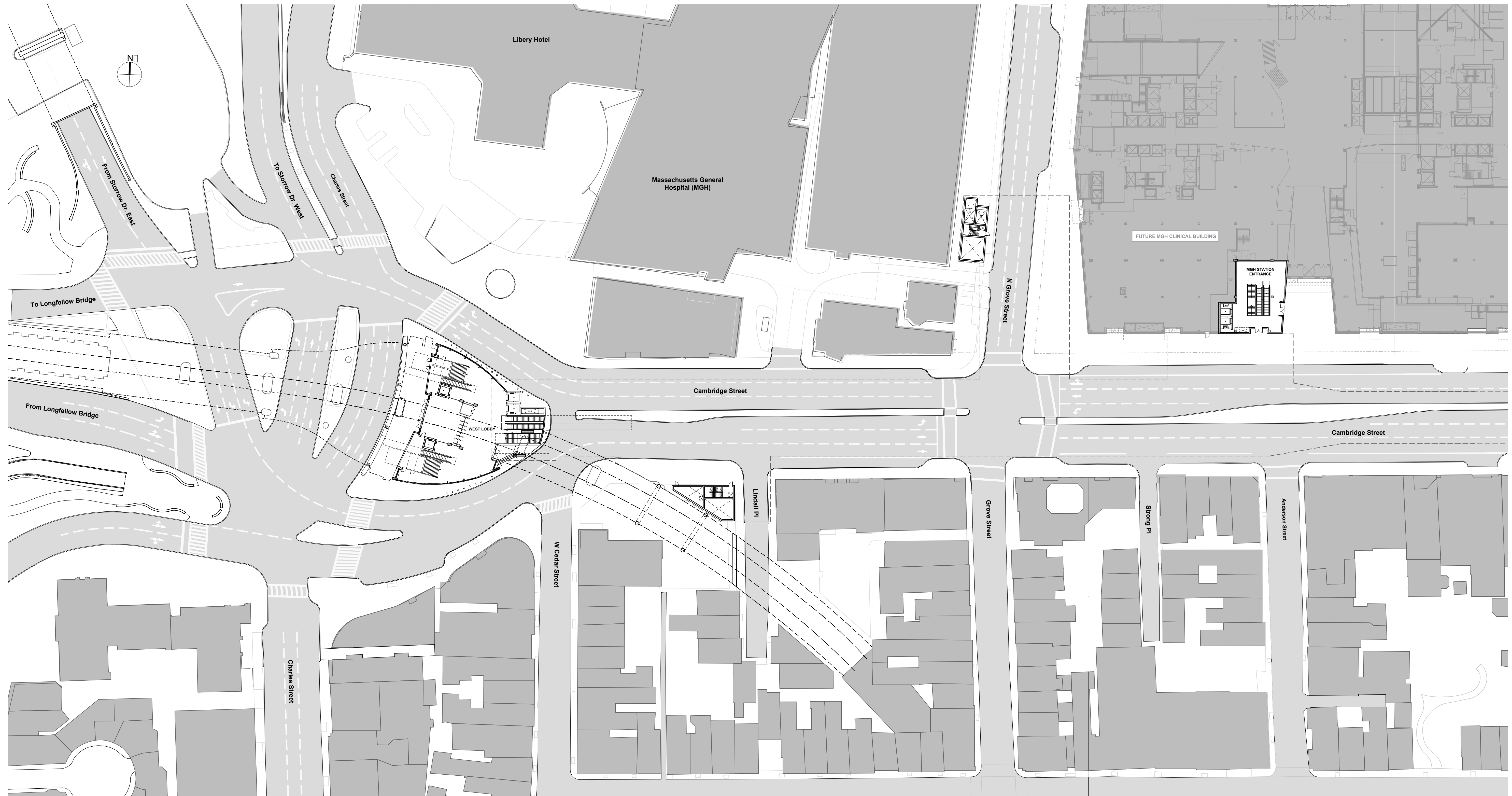
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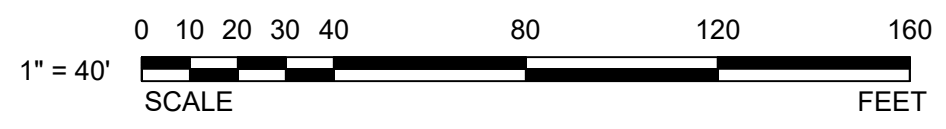
End of Exist Station 22+50



		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED - BLUE CONNECTOR CONCEPTUAL DESIGN CONCEPT DESIGN REPORT									
		RED BLUE CONNECTOR TUNNEL CROSS SECTIONS SHEET 4 OF 4									
		<small>1 FEDERAL ST., 67th FL. BOSTON, MA 02110 T+1-617-234-1700 AECOM.COM</small>									
<small>APPROVED BY:</small> _____		<small>PROJECT MANAGER:</small> _____									
<small>ISSUE</small>	<small>DATE</small>	<small>DESCRIPTION</small>	<small>BY</small> / <small>CHKD.</small>								
		<small>SCALE: 1"=20'</small> <small>DATE: AUG 2020</small>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 25%;"><small>DRAWN BY</small></td> <td style="width: 25%;"><small>DESIGN BY</small></td> <td style="width: 25%;"><small>CHECK BY</small></td> <td style="width: 25%;"><small>PLAN NO.</small></td> </tr> <tr> <td></td> <td></td> <td></td> <td style="text-align: center;"> SHEET: C3.104 </td> </tr> </table>	<small>DRAWN BY</small>	<small>DESIGN BY</small>	<small>CHECK BY</small>	<small>PLAN NO.</small>				SHEET: C3.104
<small>DRAWN BY</small>	<small>DESIGN BY</small>	<small>CHECK BY</small>	<small>PLAN NO.</small>								
			SHEET: C3.104								



1 SITE PLAN
1" = 40'-0"



MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
RED BLUE CONNECTOR
CHARLES MGH STATION - BOSTON, MA
CONCEPT DESIGN REPORT

SITE PLAN



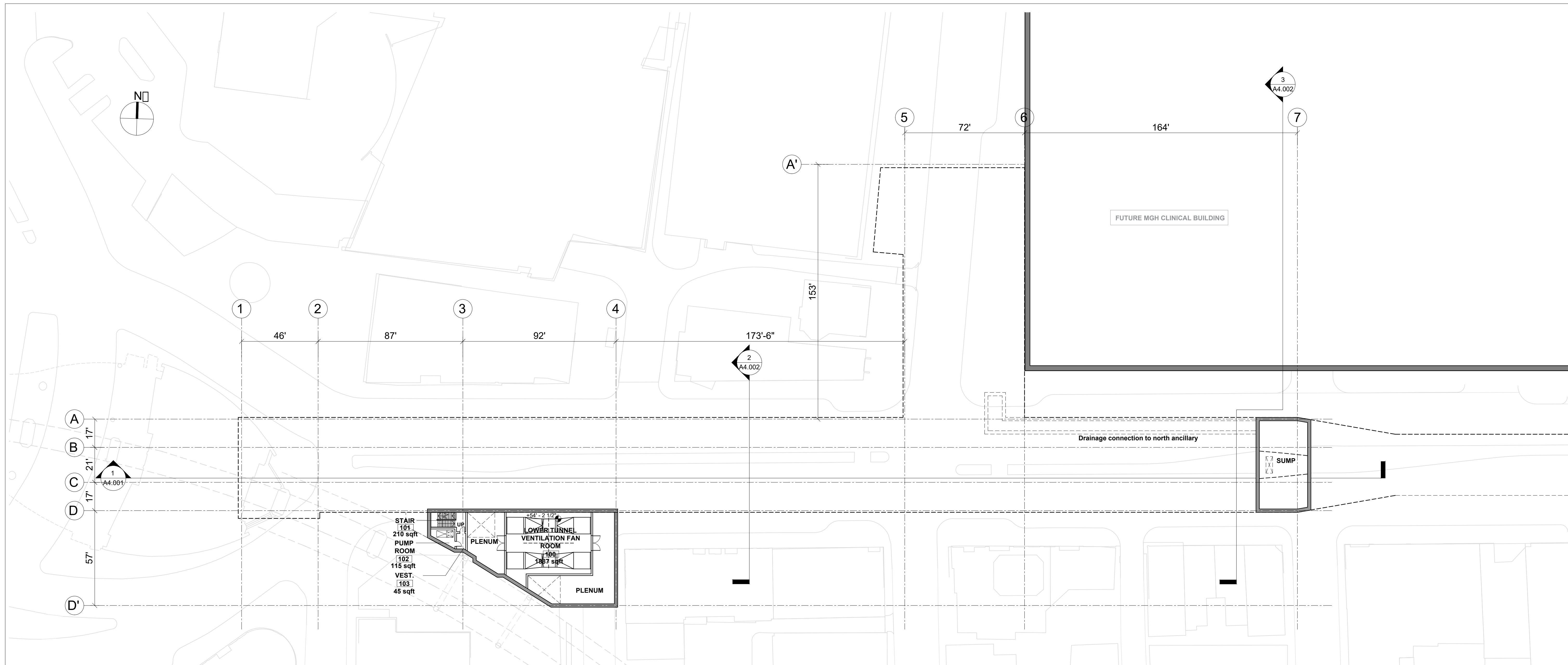
1 FEDERAL ST., 8TH FL.
BOSTON, MA 02110
617.723.1700
www.aecom.com

MASSACHUSETTS BAY TRANSPORTATION AUTHORITY

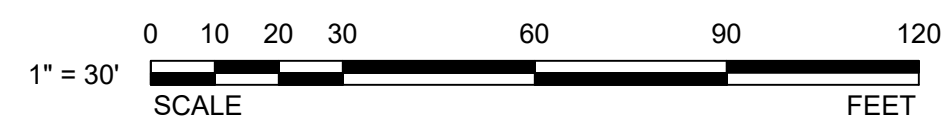
ISSUE	DATE	DESCRIPTION	BY	CHKD.	APP.

APPROVED BY:	Project Manager	Date
SCALE: AS NOTED	DRAWN BY	DESIGN BY
DATE: NOV 2021	CHECK BY	PLAN NO.
		SHEET: A1.001

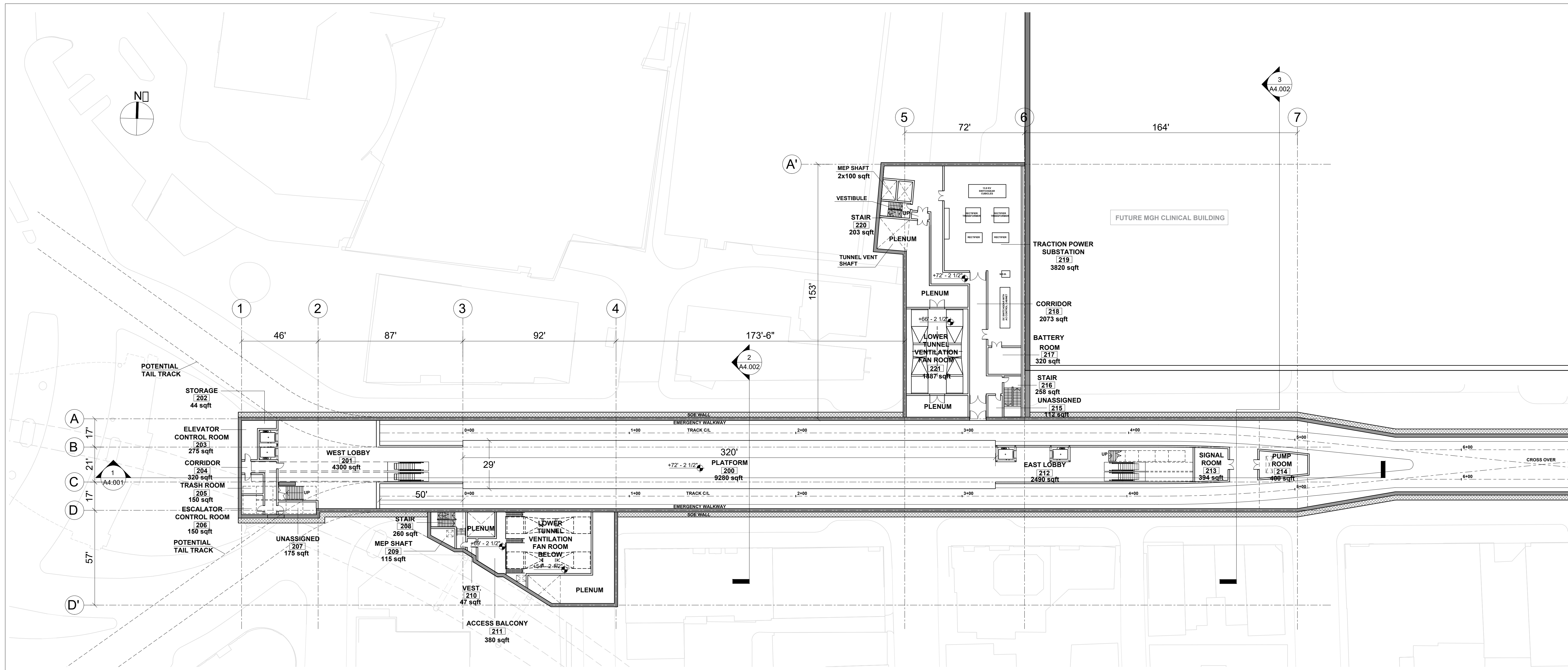




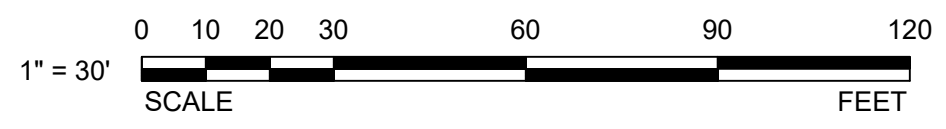
1 PLATFORM -1 LEVEL PLAN
1" = 30'-0"



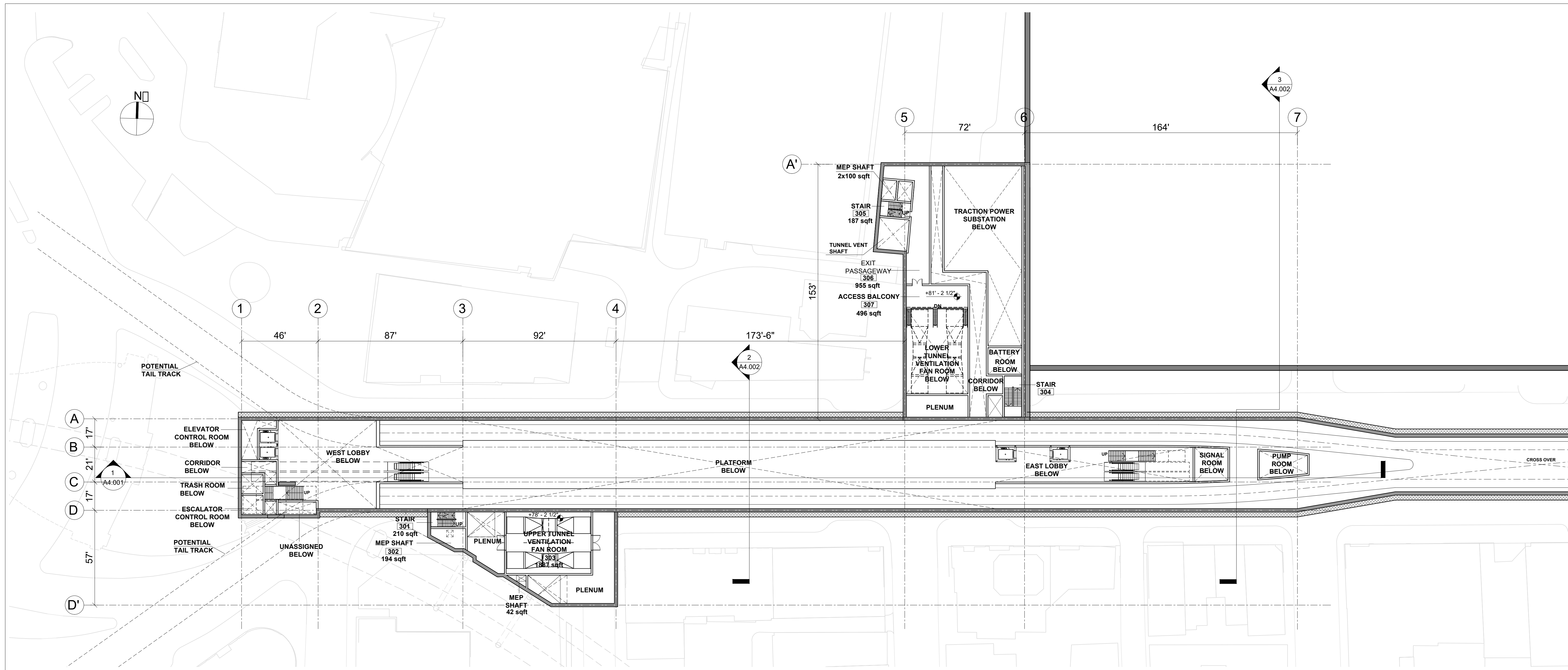
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	RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT				
PLATFORM -1 LEVEL					
AECOM 1 FEDERAL ST., 8TH FL. BOSTON, MA 02110 617.723.1700 www.aecom.com	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY				
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DATE: NOV 2021		SHEET: A1.101			ISSUE ○



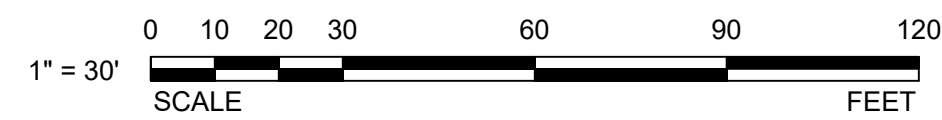
1 PLATFORM LEVEL PLAN
1" = 30'-0"



T	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
	RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT	
PLATFORM LEVEL		
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DATE: NOV 2021	CHECK BY	PLAN NO.
		SHEET: A1.201
		ISSUE

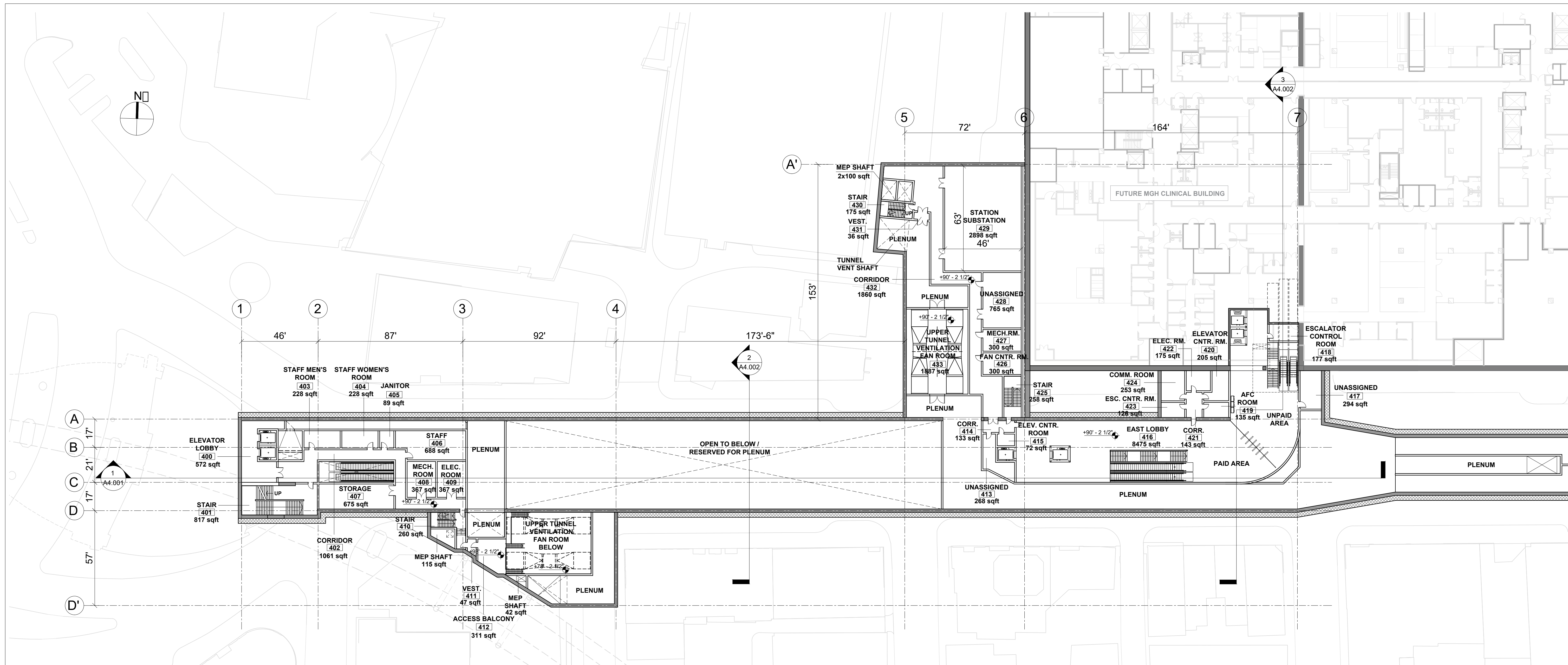


1 PLATFORM LEVEL +1 PLAN
1" = 30'-0"

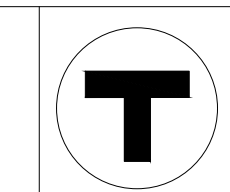
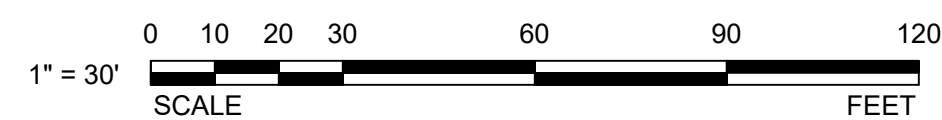


	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT	
	PLATFORM LEVEL +1	
		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
APPROVED BY: _____ <small>1 FEDERAL ST., 8TH FL. BOSTON, MA 02110 617.723.1700 www.aecom.com</small>		Project Manager: _____ Date: _____
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DATE: NOV 2021	ISSUE:	

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1 MEZZANINE LEVEL PLAN
1" = 30'-0"



MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
RED BLUE CONNECTOR
CHARLES MGH STATION - BOSTON, MA
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MEZZANINE LEVEL



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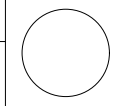
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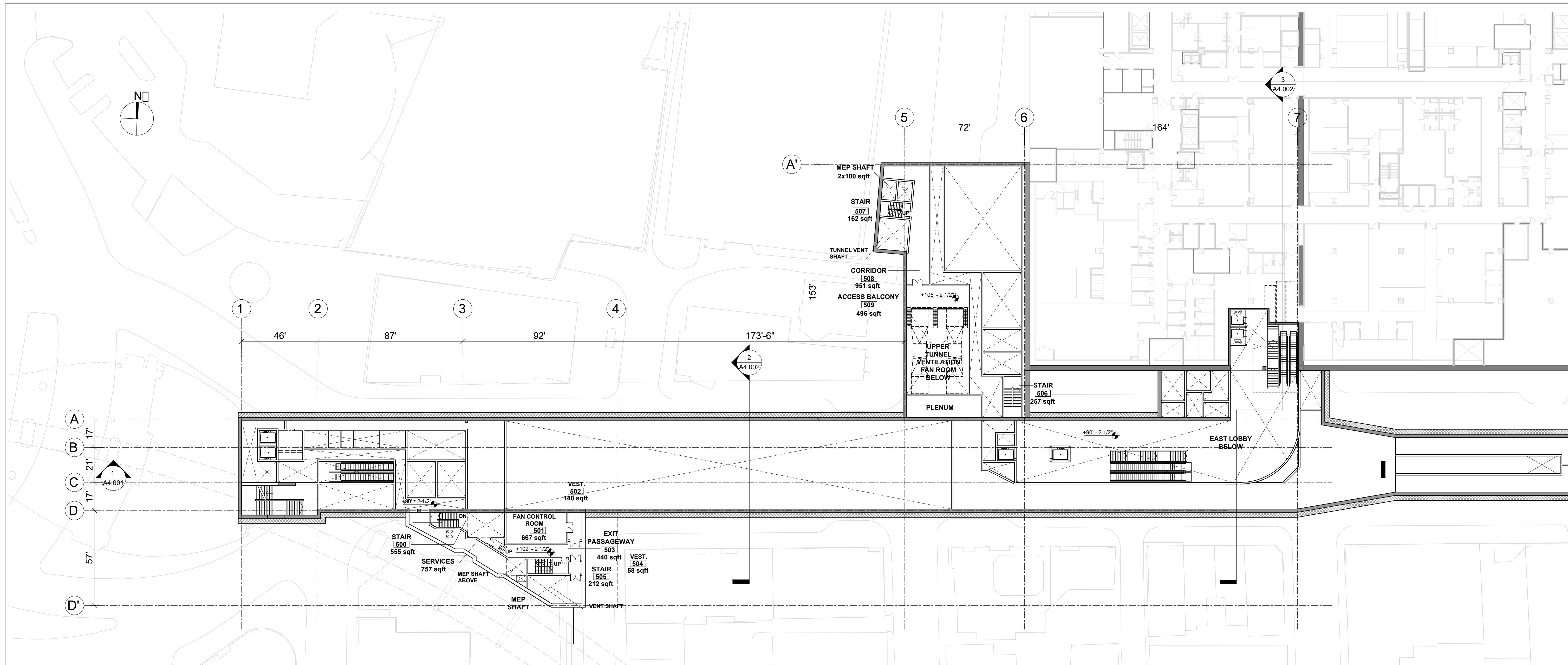
DRAWN BY: DESIGN BY: CHECK BY: PLAN NO.

DATE: NOV 2021

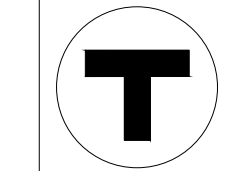
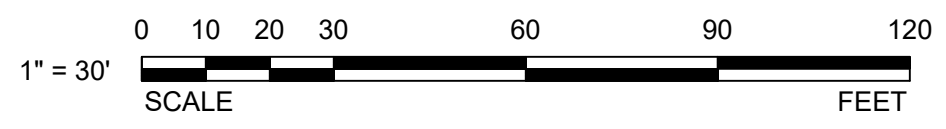
SHEET: **A1.401**

ISSUE





① MEZZANINE LEVEL +1 PLAN
1" = 30'-0"



MASSACHUSETTS BAY TRANSPORTATION AUTHORITY
RED BLUE CONNECTOR
CHARLES MGH STATION - BOSTON, MA
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MEZZANINE LEVEL +1

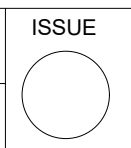


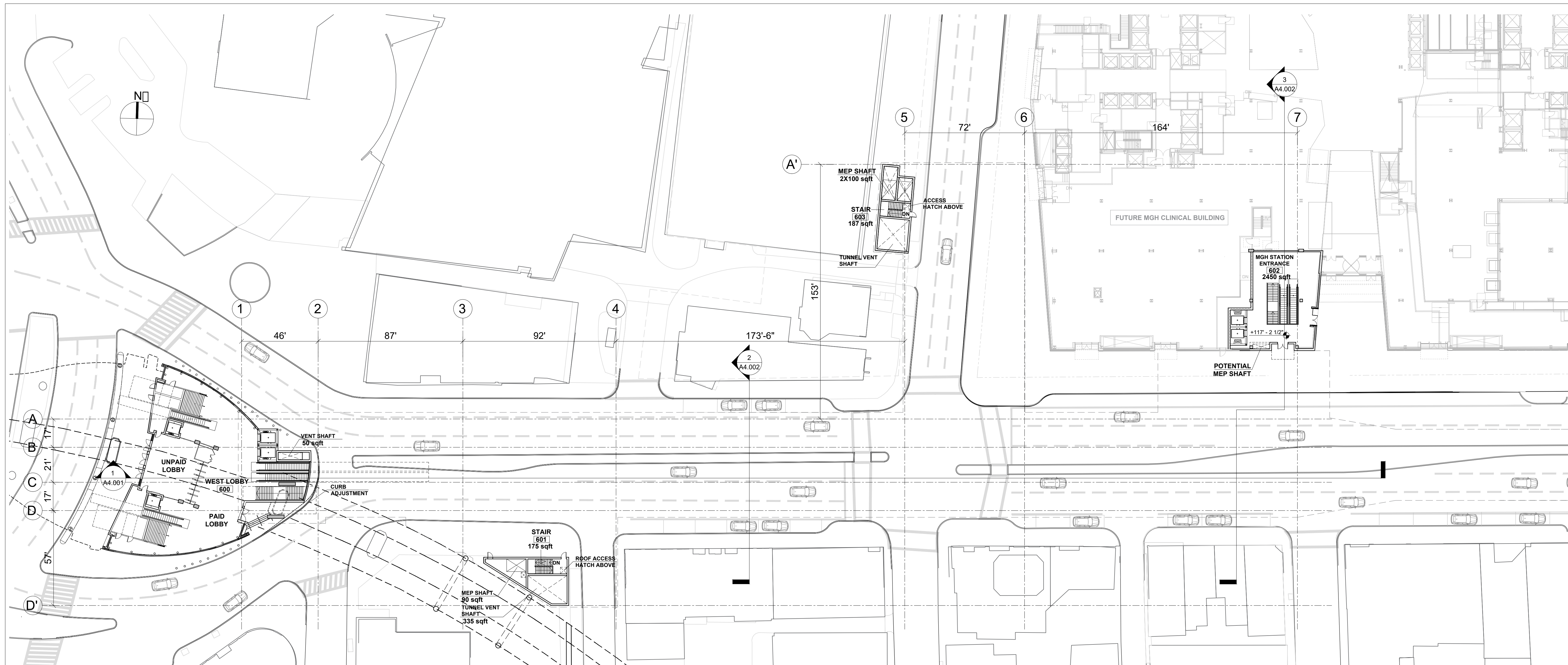
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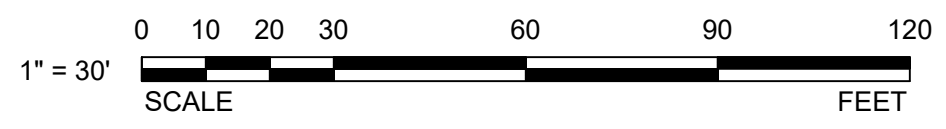
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		SHEET: A1.501

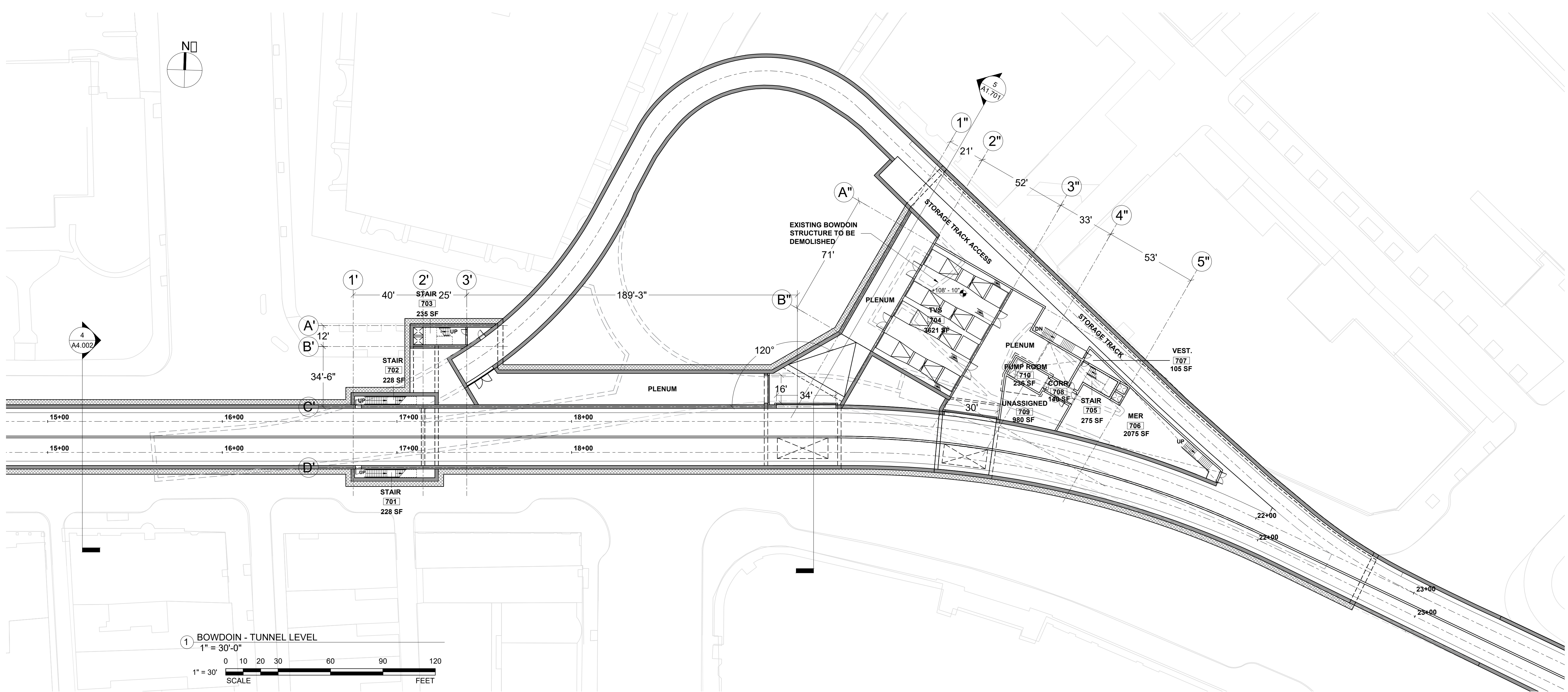




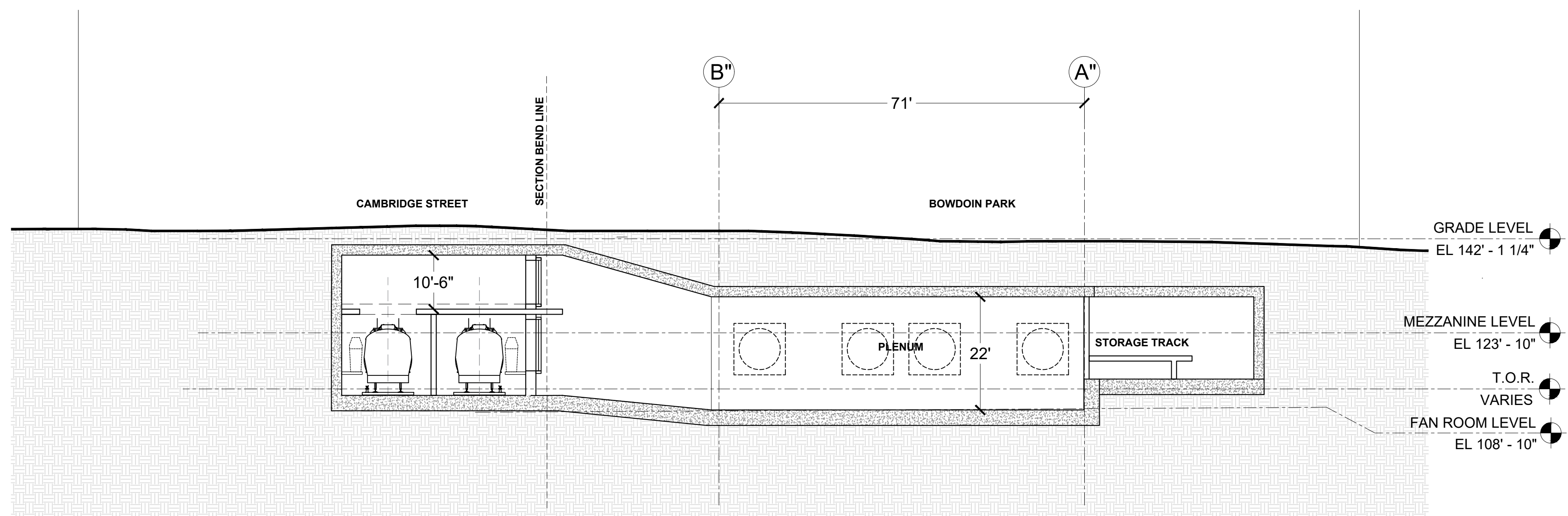
① GRADE LEVEL PLAN
1" = 30'-0"



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	RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT	
GRADE LEVEL		
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SHEET: A1.601		ISSUE

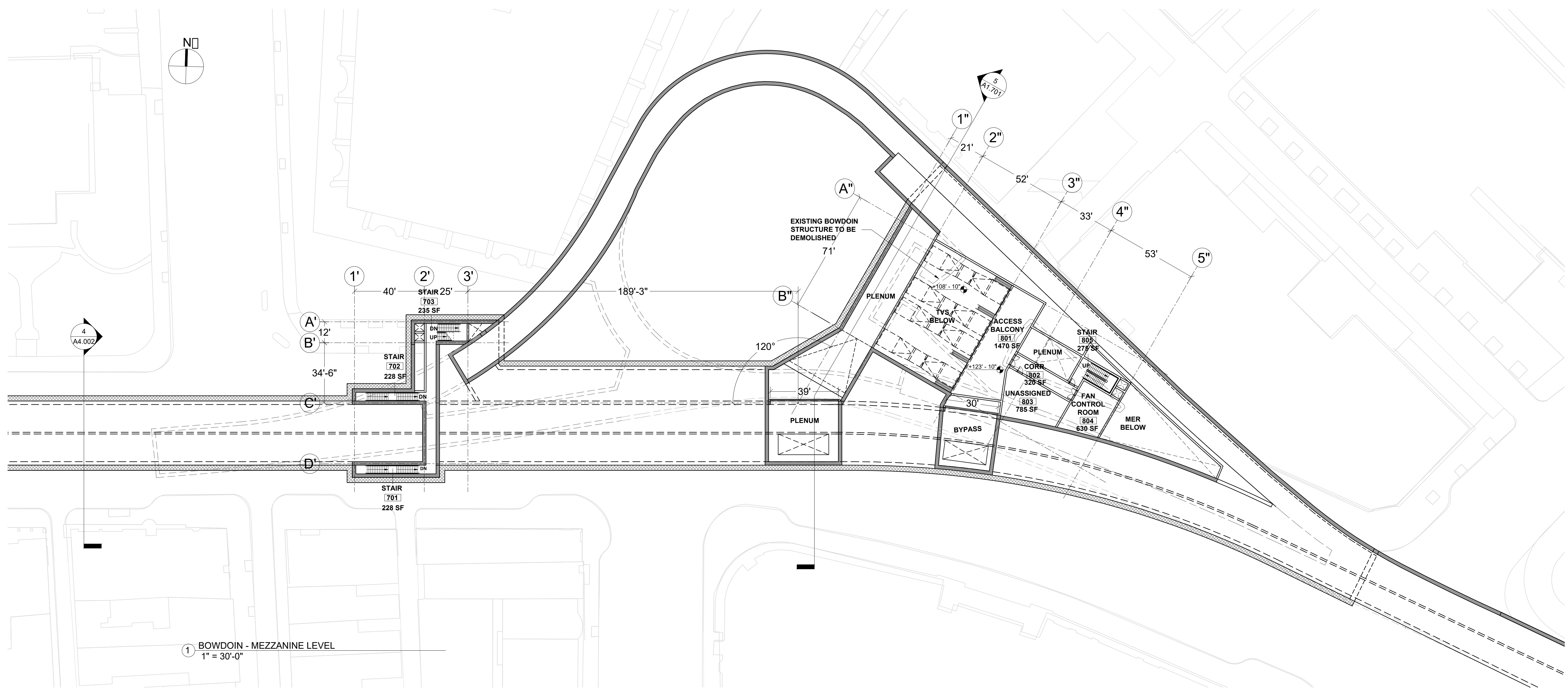


① BOWDOIN - TUNNEL LEVEL
 1" = 30'-0"
 0 10 20 30 60 90 120
 1" = 30'
 SCALE FEET

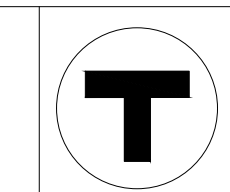
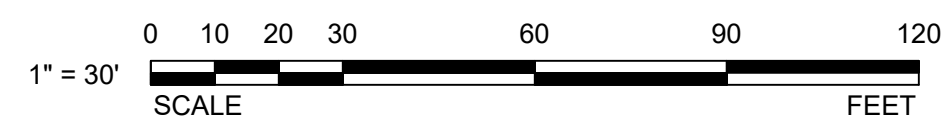


⑤ BOWDOIN - SECTION 5
 1/16" = 1'-0"
 0 5 10 15 20 40 60
 1/16" = 1'-0"
 SCALE FEET

		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY RED BLUE CONNECTOR CHARLES MGH STATION - BOSTON, MA CONCEPT DESIGN REPORT			
		BOWDOIN - TUNNEL LEVEL AND SECTION			
		MASSACHUSETTS BAY TRANSPORTATION AUTHORITY			
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① BOWDOIN - MEZZANINE LEVEL
1" = 30'-0"



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RED BLUE CONNECTOR
CHARLES MGH STATION - BOSTON, MA
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BOWDOIN - MEZZANINE LEVEL



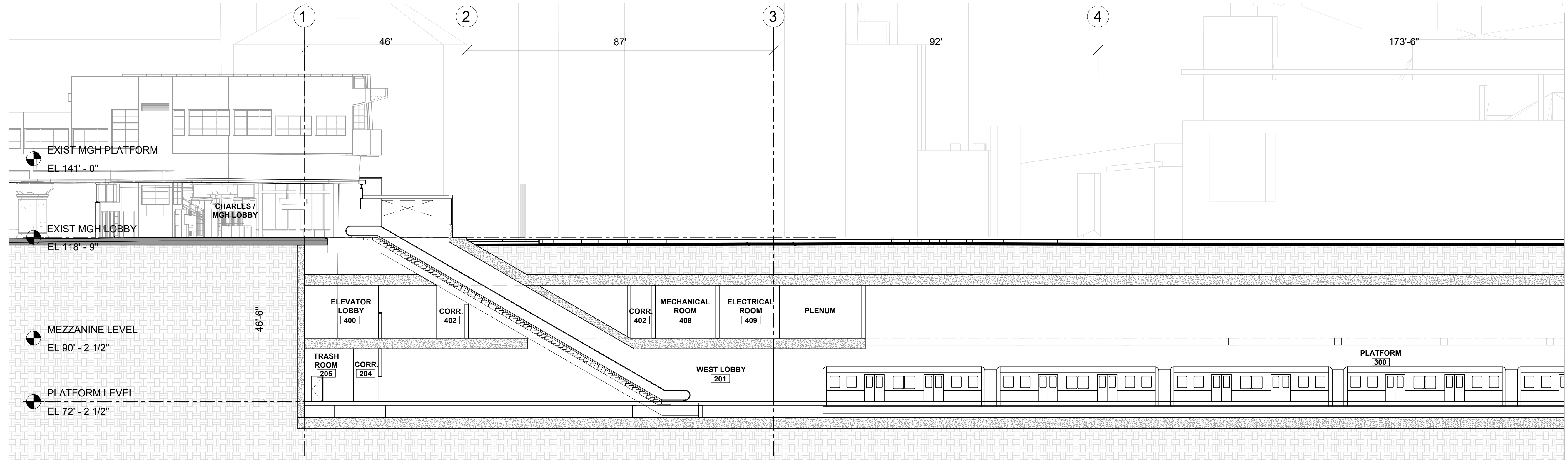
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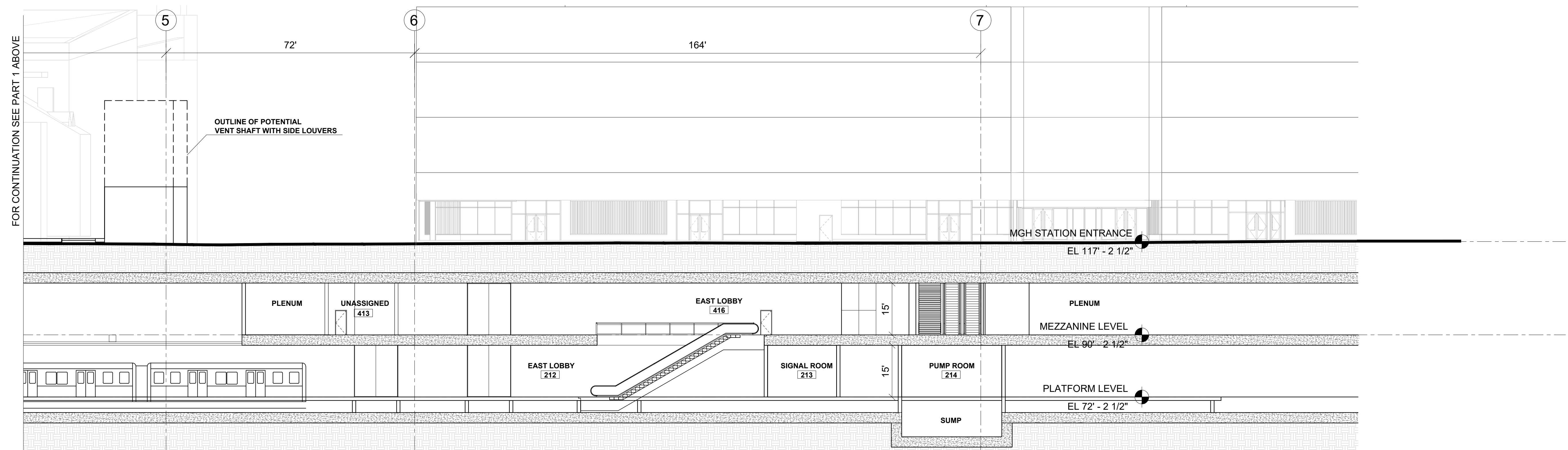
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Project Manager	Date

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DATE: NOV 2021				SHEET: A1.801	



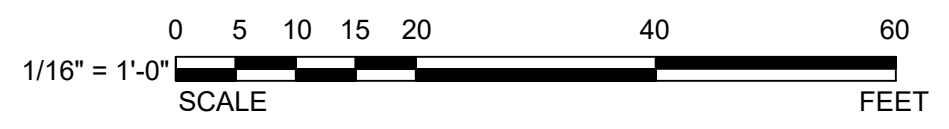
1 SECTION 1 - PART 1
1/16" = 1'-0"



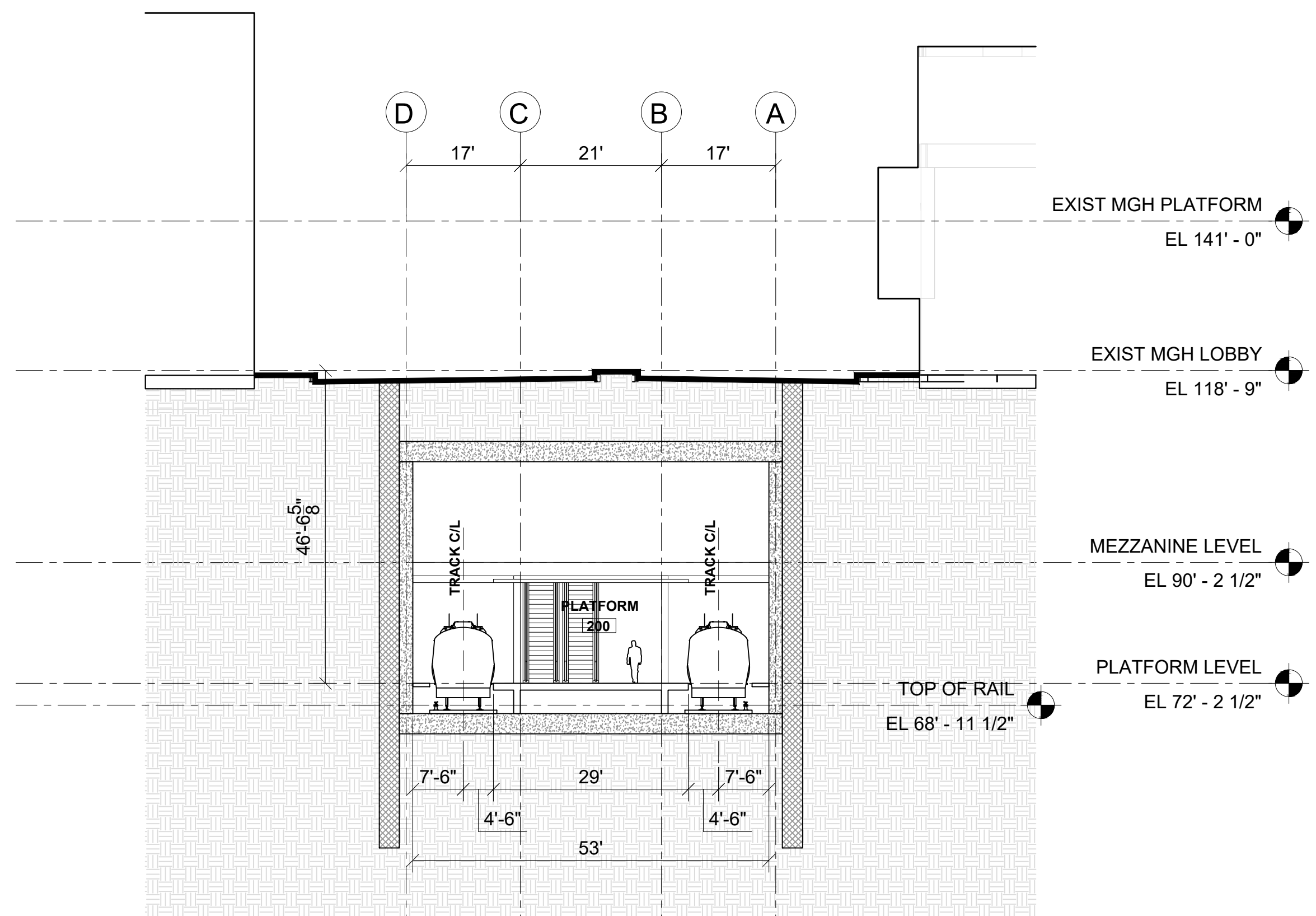
2 SECTION 1 - PART 2
1/16" = 1'-0"

FOR CONTINUATION SEE PART 1 ABOVE

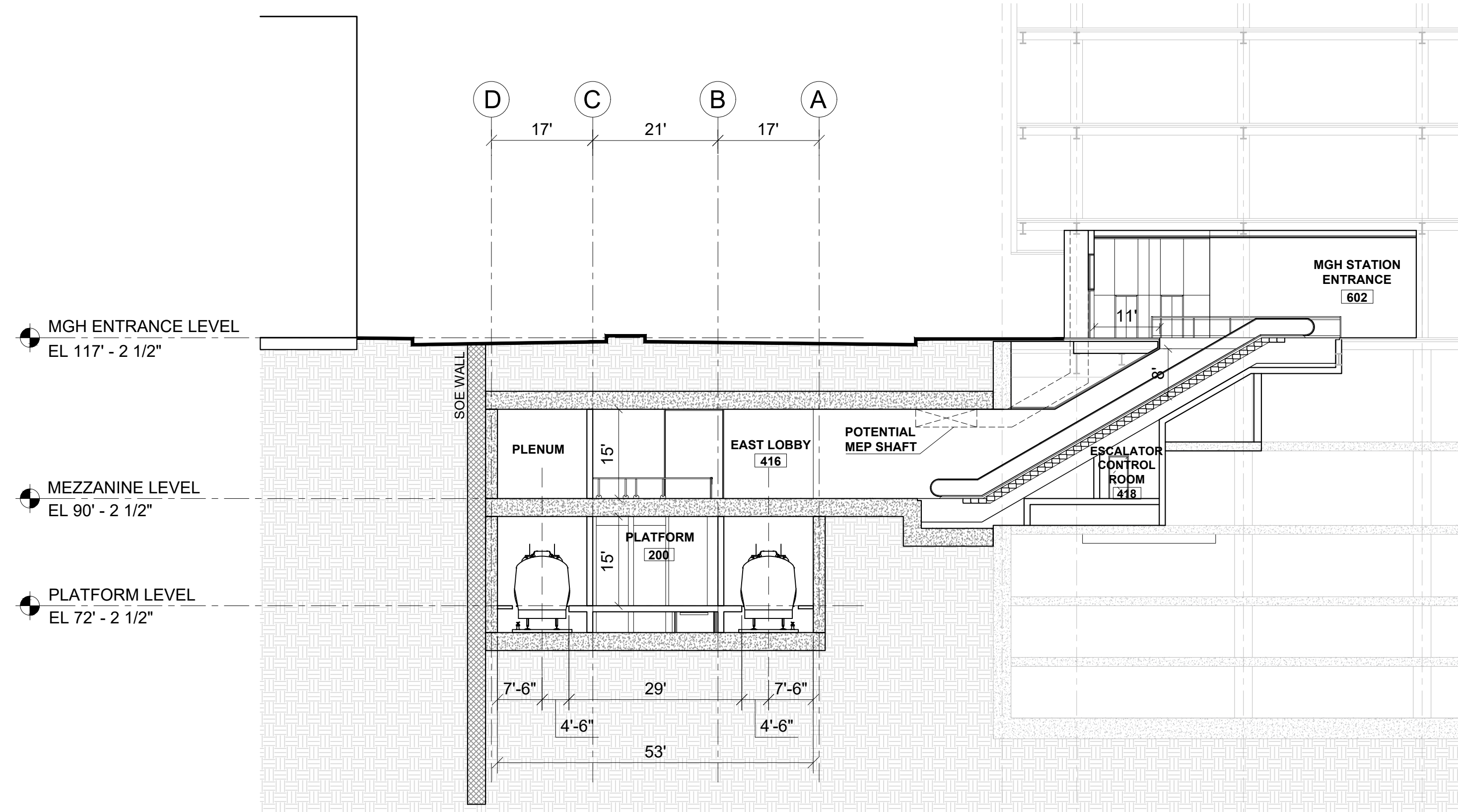
FOR CONTINUATION SEE PART 2 BELOW



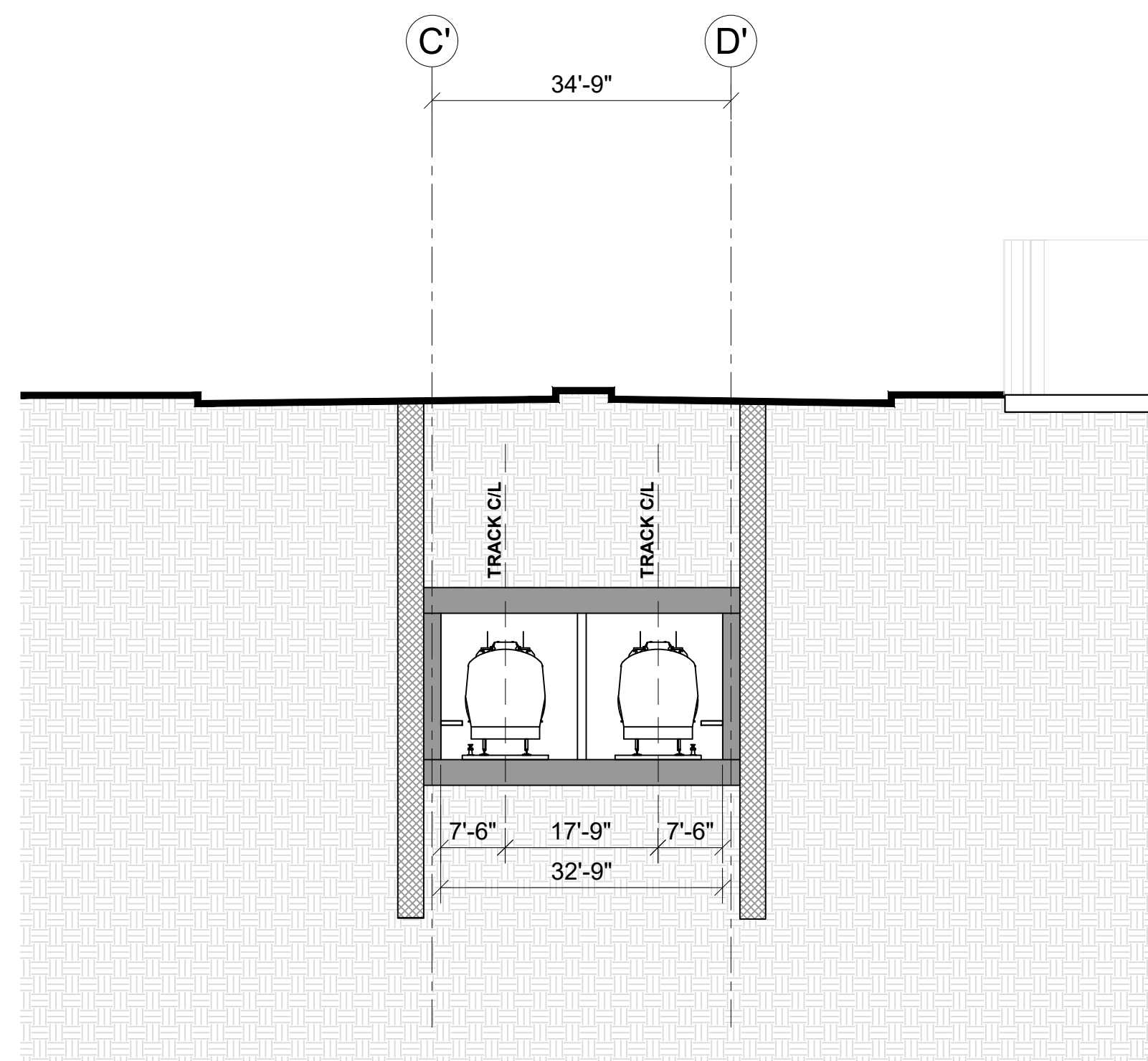
T	MASSACHUSETTS BAY TRANSPORTATION AUTHORITY	
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SECTION 1		
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DATE: NOV 2021	CHECK BY	PLAN NO.
		SHEET: A4.001
		ISSUE



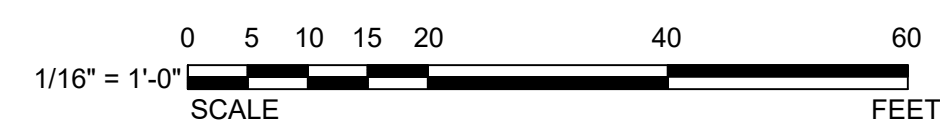
② SECTION 2
1/16" = 1'-0"



③ SECTION 3
1/16" = 1'-0"



④ SECTION 4
1/16" = 1'-0"



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SECTIONS 2, 3 & 4

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PLAN NO.	ISSUE
SHEET: A4.002	