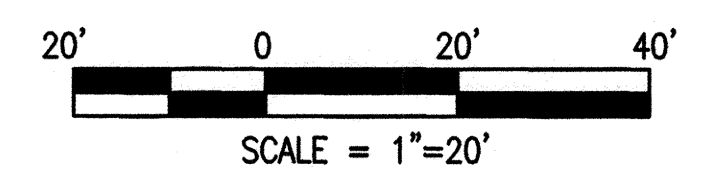


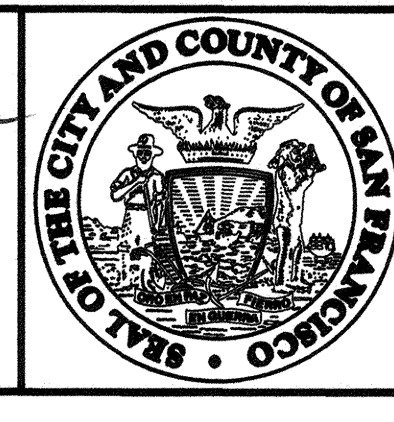
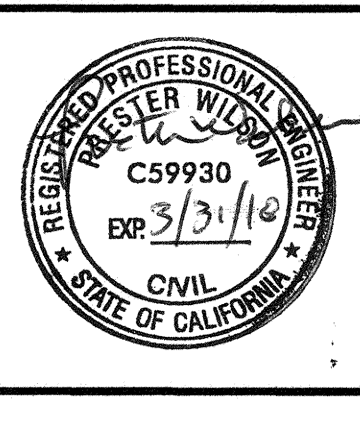
- NOTES:**
- SEE CV-156 FOR REFUGE LAYOUT DATA.
 - (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
 - (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
 - (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
 - (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.
 - (E) TREE TO BE PROTECTED IN PLACE. SEE LA DRAWINGS.



I:\CPT16401_Van_Ness_BRT_V2_CERA_V00_Design_Components\A_S01_Drawings\07_Civil\Sheet_Files\CPT16401CV118.dwg, pulinson Tue Jun 09 2015 - 12:02 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED <i>Proctor</i>
DRAWN <i>Proctor</i>
CHECKED <i>Eden Canfield</i>
REVIEWED <i>Mark A. Rudnicki</i>
RECOMMENDED <i>Proctor</i>
APPROVED <i>F. Mahanah</i>
DATE MAY 13 2016



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED
[Signature]
for the DIRECTOR OF TRANSPORTATION

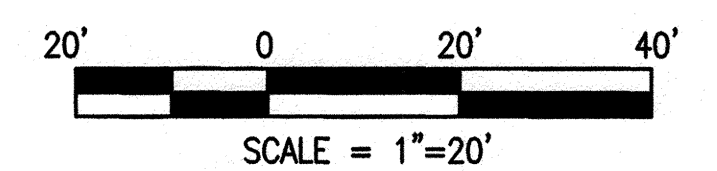
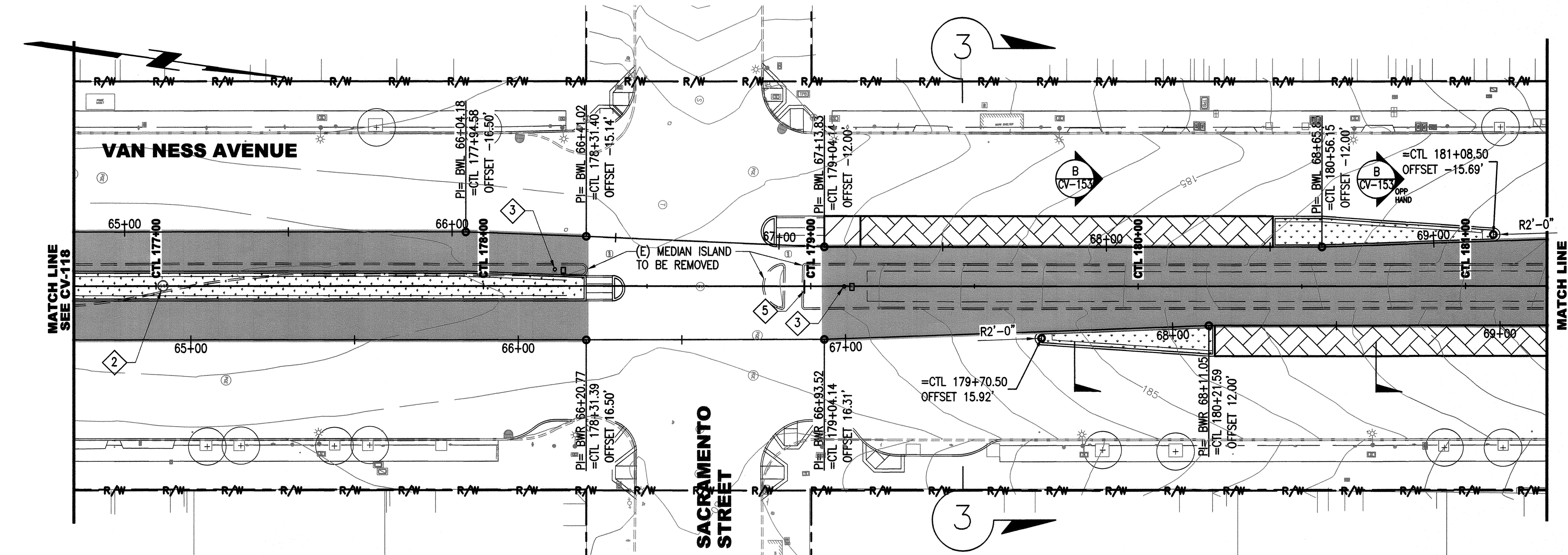
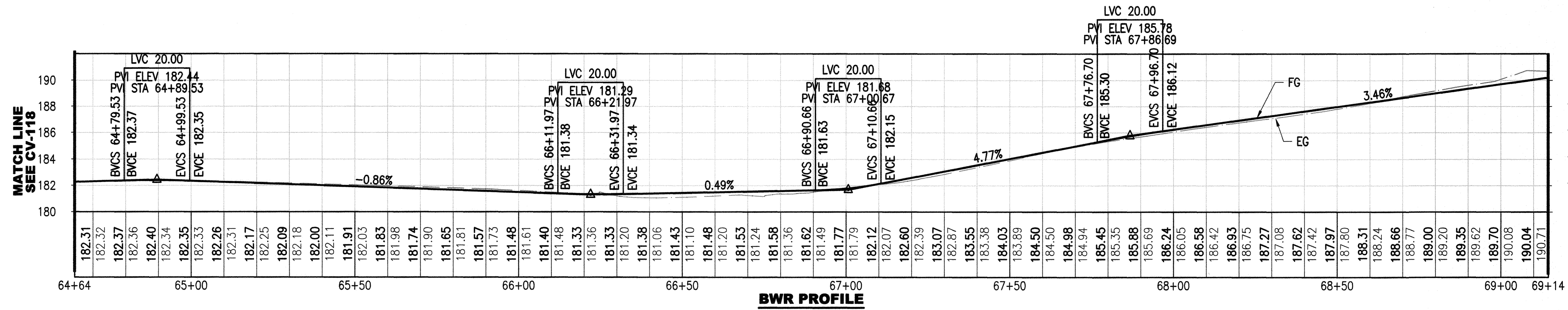
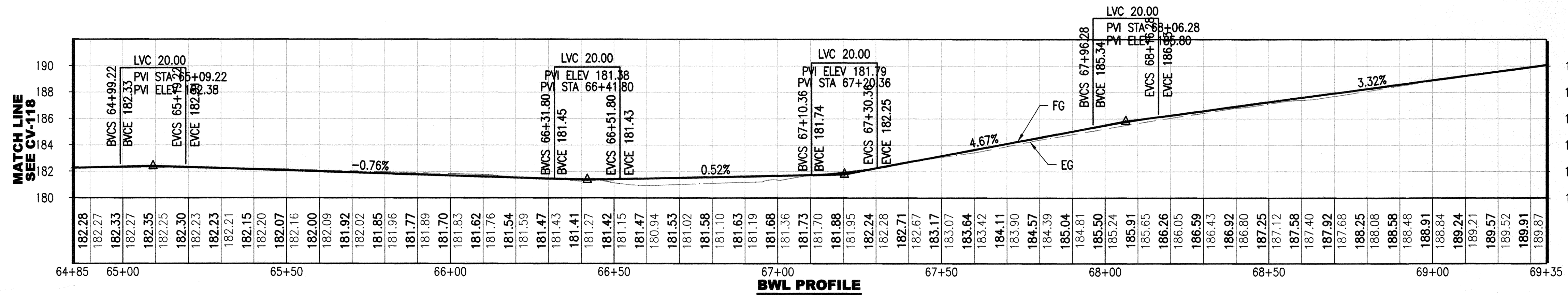
MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT

CIVIL
CTL 172+25 TO 176+75
PLAN

1289	
CL-28844	
CV-118	REVISION
CV-158	0

NOTES:

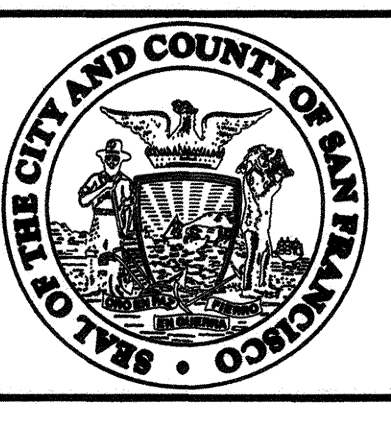
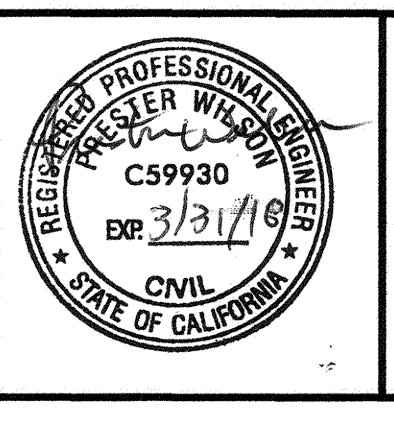
1. SEE CV-156 FOR REFUGE LAYOUT DATA.
2. (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
3. (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
4. (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
5. (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.



I:\CPT6401_Van Ness BRV_CERA_500_Design_Components\501_Drawings\07_Civil\Sheet Files\CPT6401CV118.dwg ptolson Tue Jun 09 2015 1:55 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED: *Reston*
 DRAWN: *Reston*
 CHECKED: *Edgar*
 REVIEWED: *Mark A. Kuchnicki*
 RECOMMENDED: *Reston*
 APPROVED: *F. Madan*
 DATE: MAY 13 2016



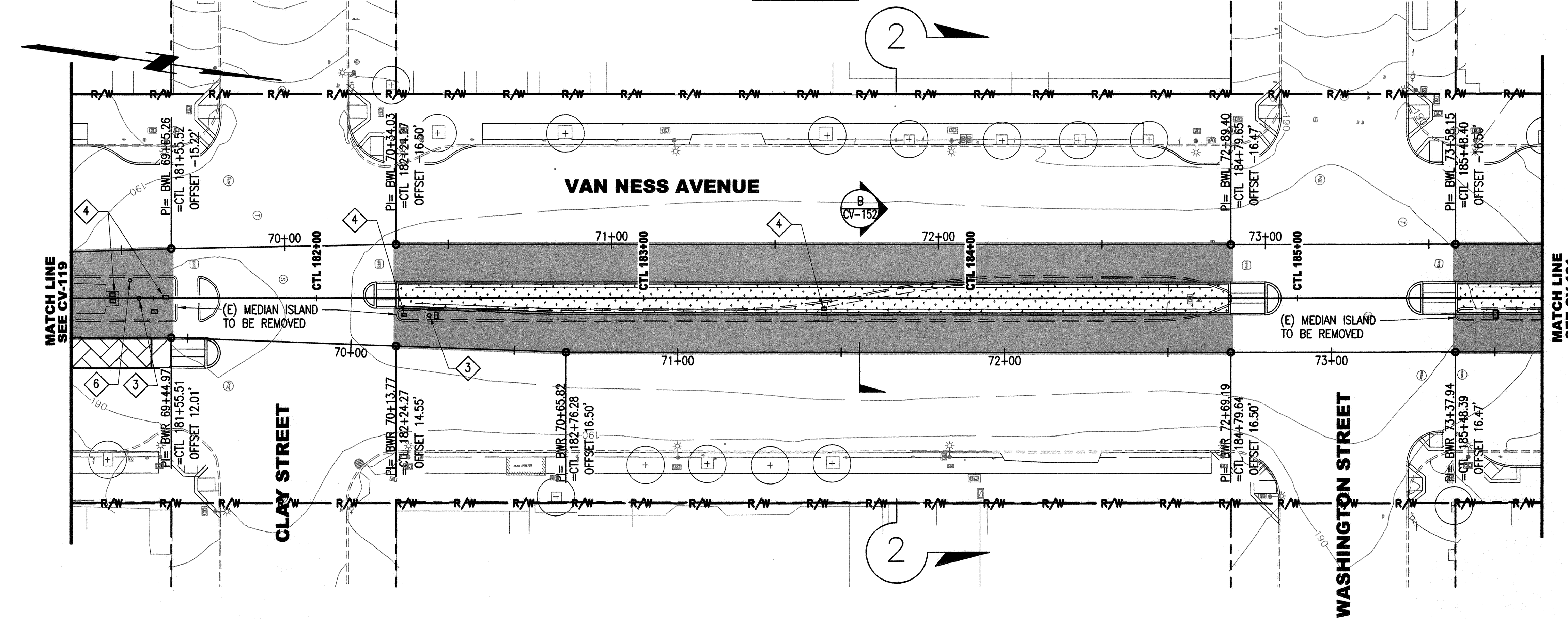
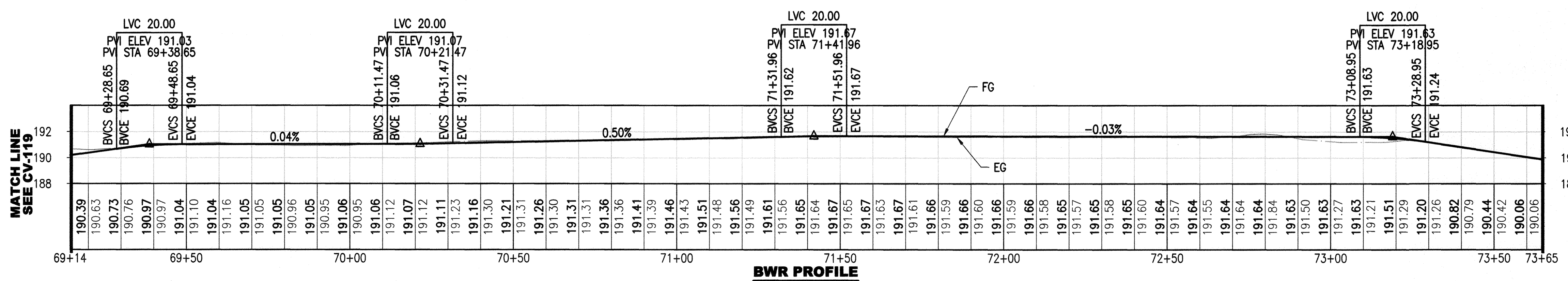
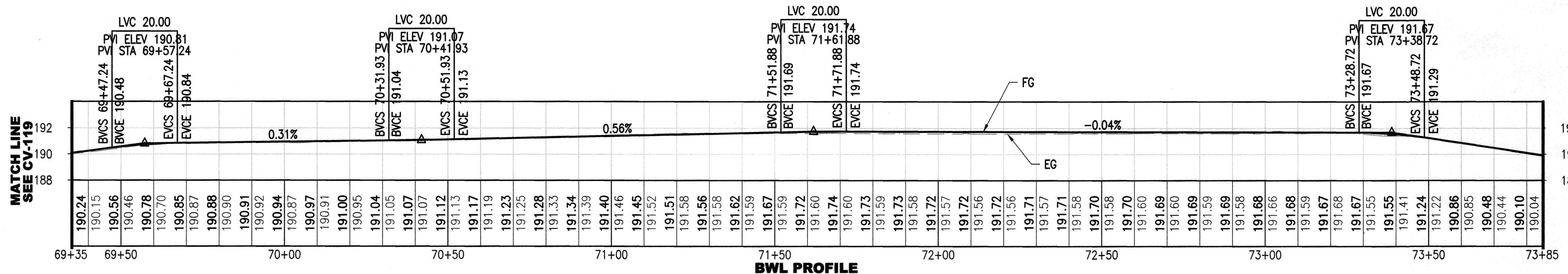
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED: *Vincenty Han*
 for the DIRECTOR OF TRANSPORTATION

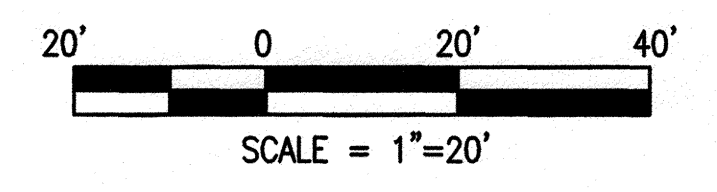
MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT

CIVIL
 CTL 176+75 TO 181+25
 PLAN

1289	REVISION
CL-28845	
CV-119	
CV-158	0



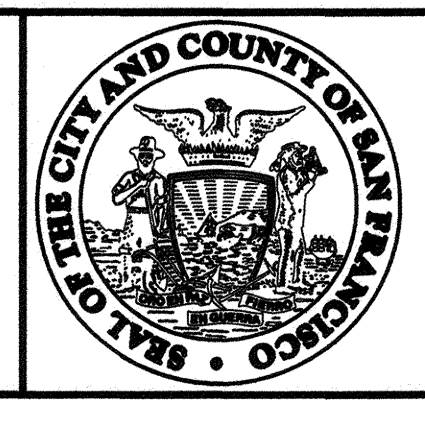
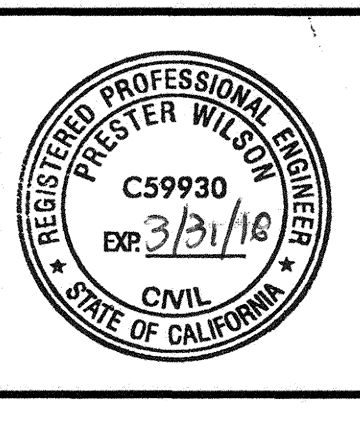
- NOTES:**
- SEE CV-156 FOR REFUGE LAYOUT DATA.
 - (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
 - (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
 - (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
 - (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.
 - (E) AWSS VALVE TO REMAIN. SEE AW DRAWINGS.



I:\CPT640.1_Van Ness_BRT_V2_CERA_500_Design_Component\501_Drawing\07_Civil\Sheet Files\CPT640CV120.dwg, pulinson Tue Jun 09, 2015 - 1:54 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED	<i>Protusion</i>
DRAWN	<i>Protusion</i>
CHECKED	<i>Elisa Chyng</i>
REVIEWED	<i>Mark A. Rudrich</i>
RECOMMENDED	<i>Protusion</i>
APPROVED	<i>F. Mad...</i>
DATE	MAY 13 2016



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED
Vincent...
 for the DIRECTOR OF TRANSPORTATION

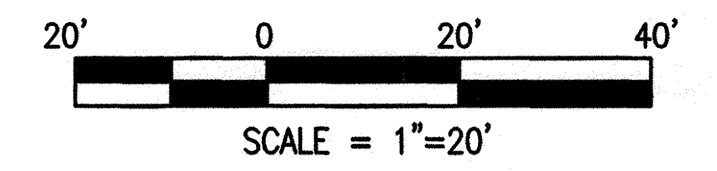
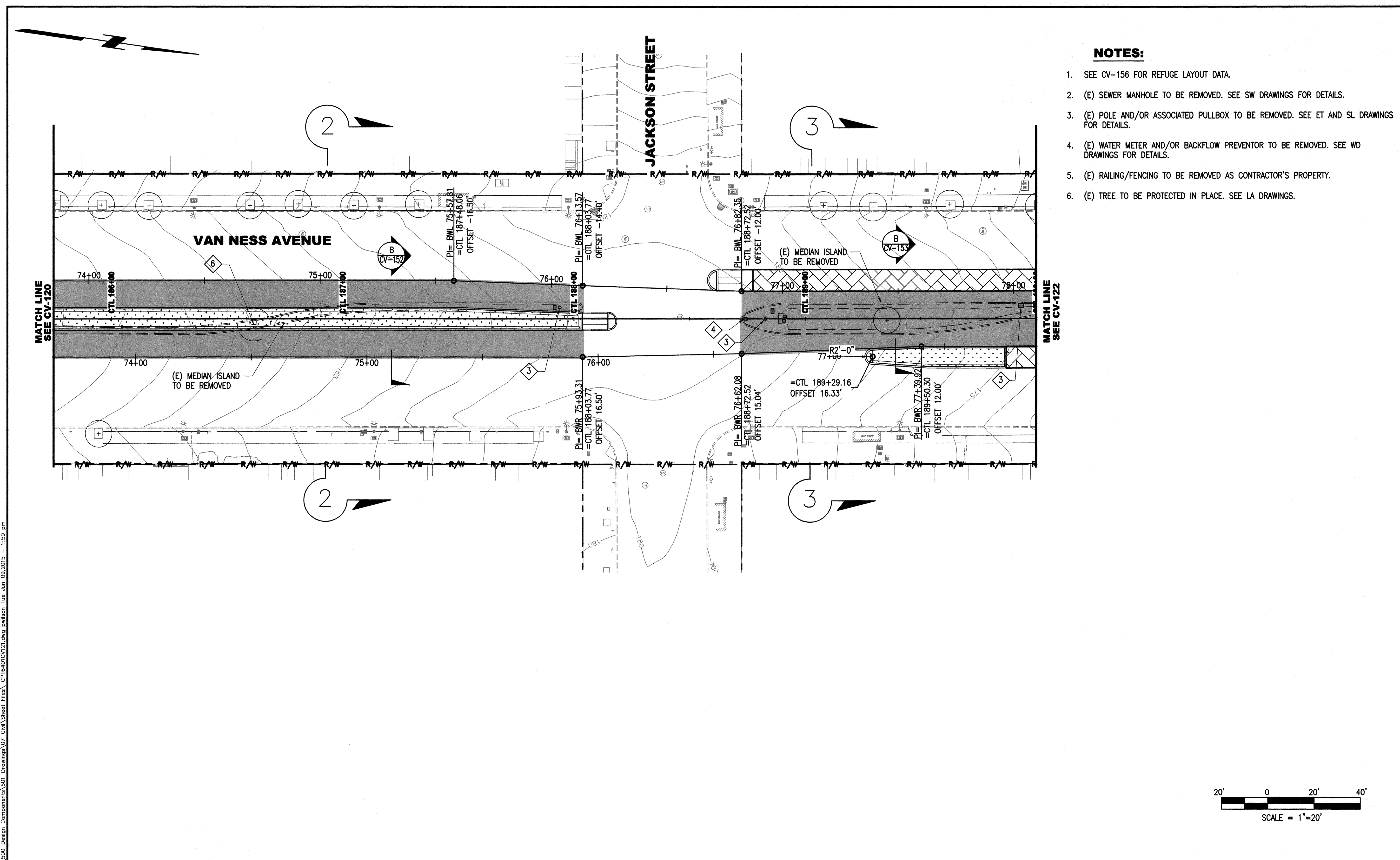
MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT

CIVIL
 CTL 181+25 TO 185+75
 PLAN

1289	REVISION
CL-28846	
CV-120	0
CV-158	

NOTES:

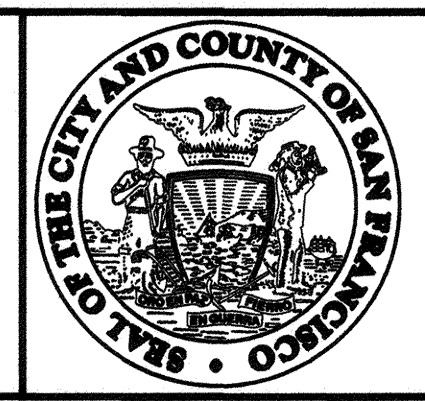
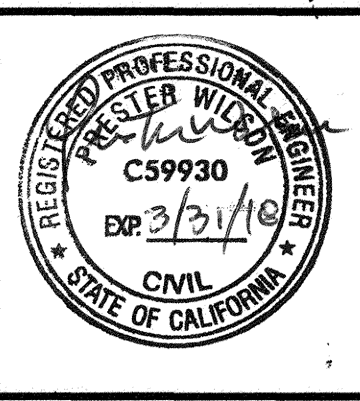
1. SEE CV-156 FOR REFUGE LAYOUT DATA.
2. (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
3. (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
4. (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
5. (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.
6. (E) TREE TO BE PROTECTED IN PLACE. SEE LA DRAWINGS.



I:\CP1640.1_Van Ness BRITV2_CERA_500_Design_Components\501_Drawings\07_Civil\Sheet Files\CP16401CV121.dwg pmlison Tue Jun 09, 2015 - 1:59 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED <i>Protonik</i>
DRAWN <i>Protonik</i>
CHECKED <i>Edna Caprio</i>
REVIEWED <i>Mark A. Ruschicki</i>
RECOMMENDED <i>Protonik</i>
APPROVED <i>F. Mad...</i>
DATE MAY 13 2016

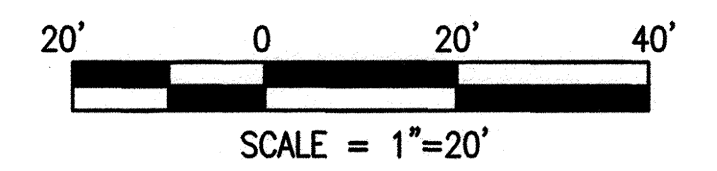
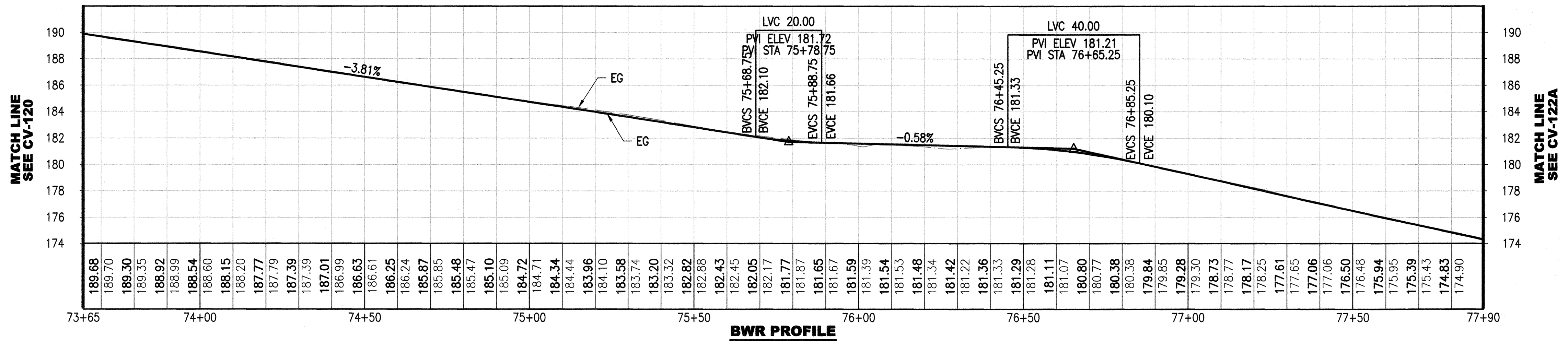
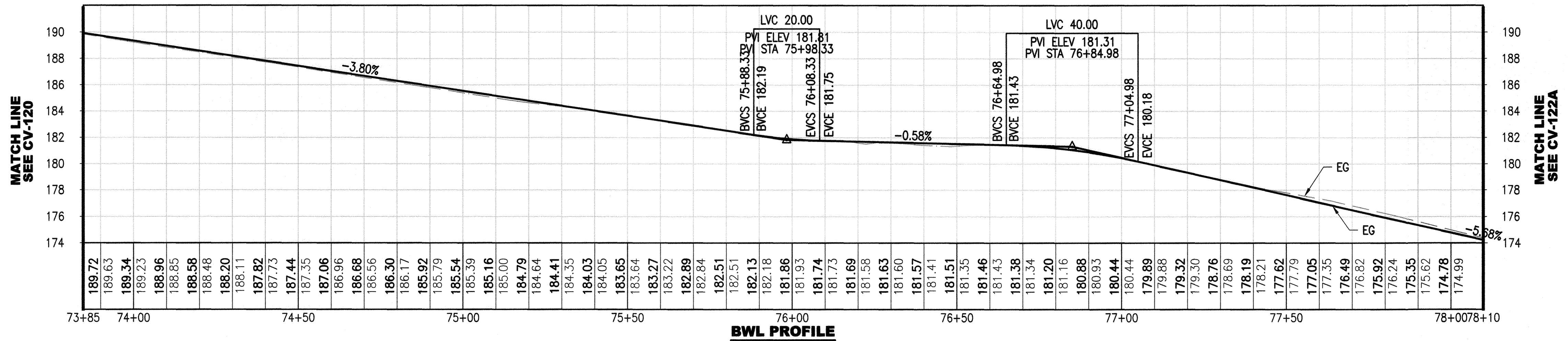


CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED
Vincent Han
for the DIRECTOR OF TRANSPORTATION

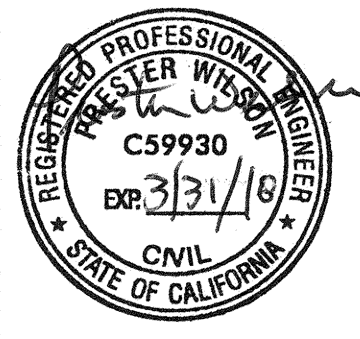
MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28847
CIVIL CTL 185+75 TO 190+00 PLAN	CV-121 CV-158	REVISION 0

I:\CP16401_Van Ness_BRT_V2_CERA_500_Design_Components\501_Drawing\07_Civil\Sheet Files\CP16401CV121A.dwg pwillson Tue Jun 09 2015 2:00 pm



NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED: *[Signature]*
 DRAWN: *[Signature]*
 CHECKED: *[Signature]*
 REVIEWED: *[Signature]*
 RECOMMENDED: *[Signature]*
 APPROVED: *[Signature]*
 DATE: MAY 13 2016



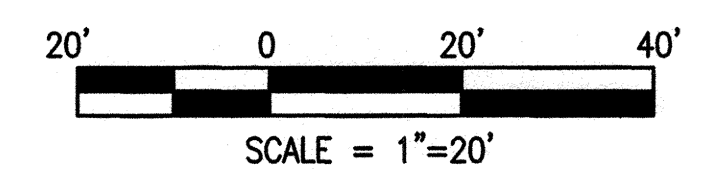
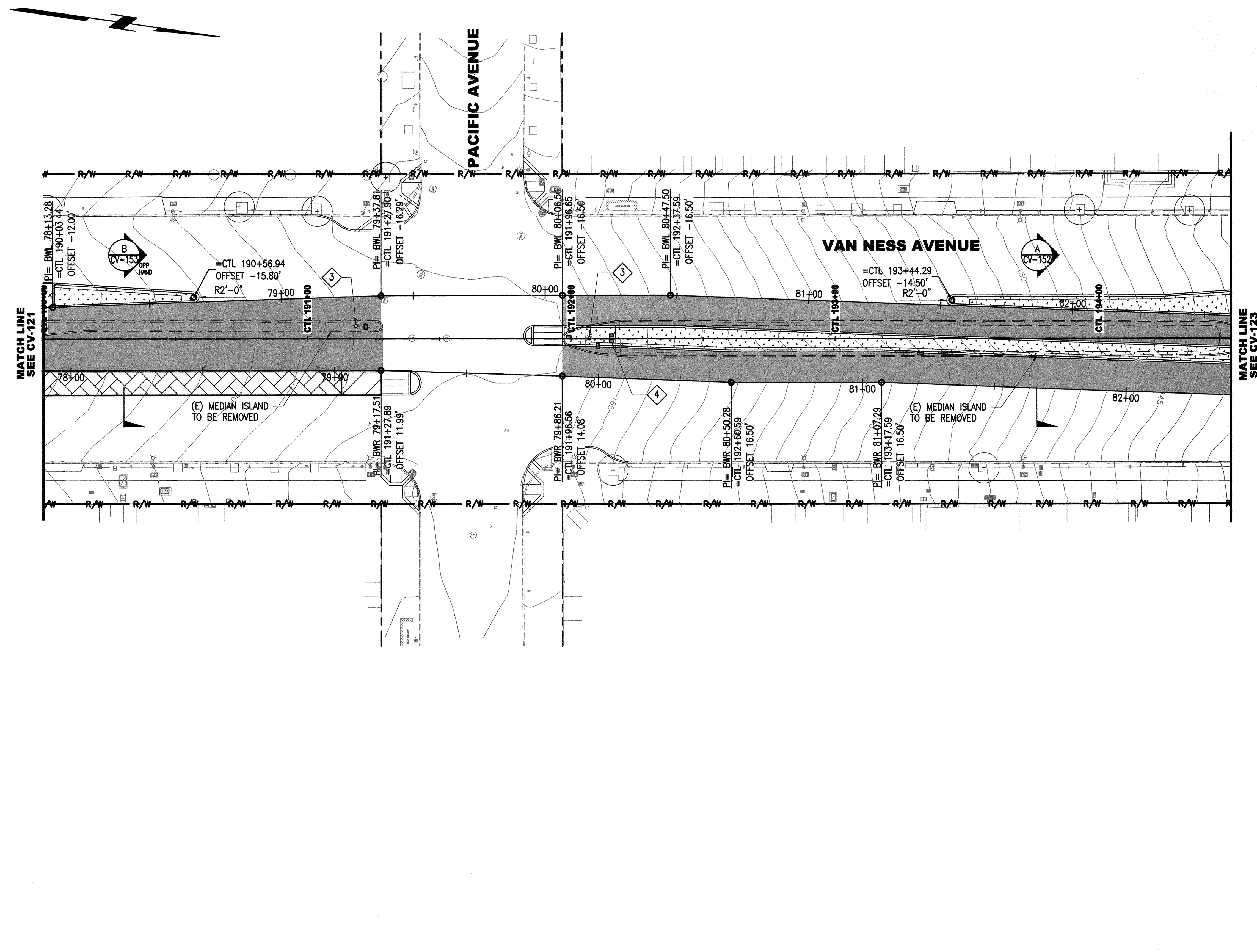
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED
[Signature]
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28848
CIVIL CTL 185+75 TO 190+00 PROFILES	CV-121A	REVISION
	CV-158	0

NOTES:

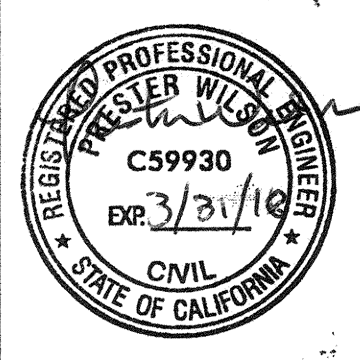
1. SEE CV-156 FOR REFUGE LAYOUT DATA.
2. (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
3. (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
4. (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
5. (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.



I:\CPT640.1 Van Ness BRV\3_CERA\500_Design_Components\501_Drawings\07_Civil_Sheet_Files\CPT640\CV122.dwg pmlison Tue Jun 09, 2015 - 2:17 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED <i>Protevison</i>
DRAWN <i>Protevison</i>
CHECKED <i>Edwin Cayrol</i>
REVIEWED <i>Mark D. Rubrichi</i>
RECOMMENDED <i>Protevison</i>
APPROVED <i>F. Mohamoud</i>
DATE MAY 13 2016



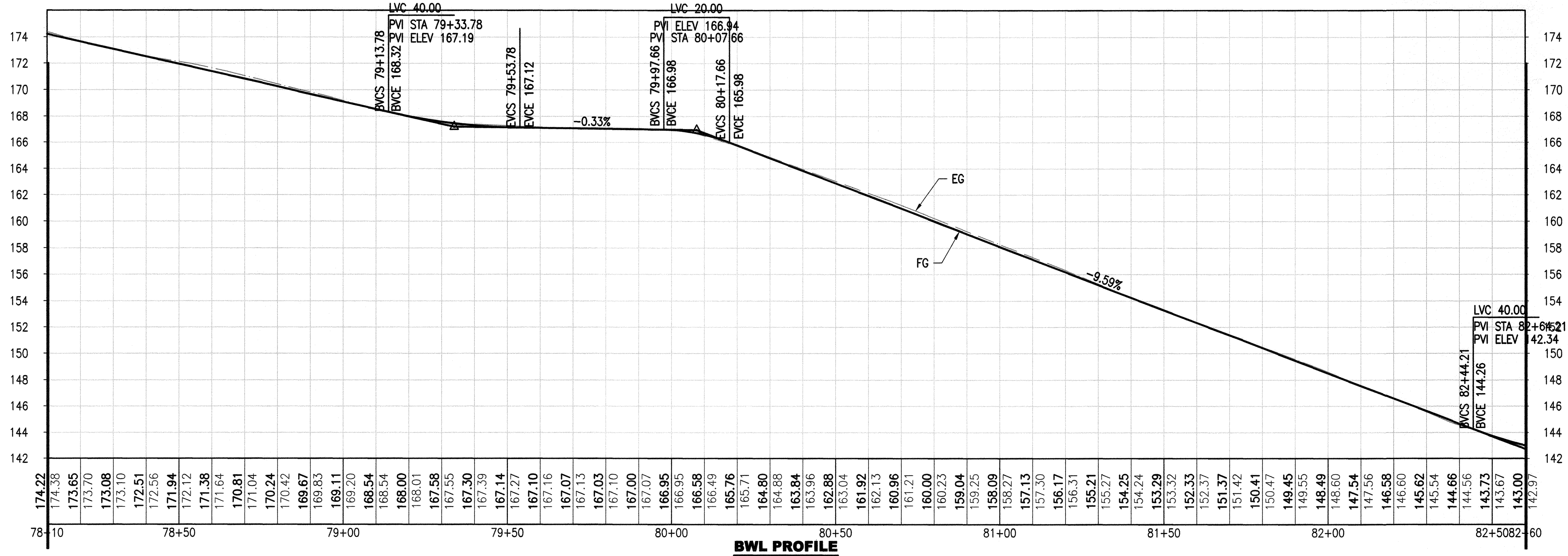
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED
Vivian T. Han
for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28849
CIVIL CTL 190+00 TO 194+50 PLAN	CV-122	REVISION
	CV-158	0

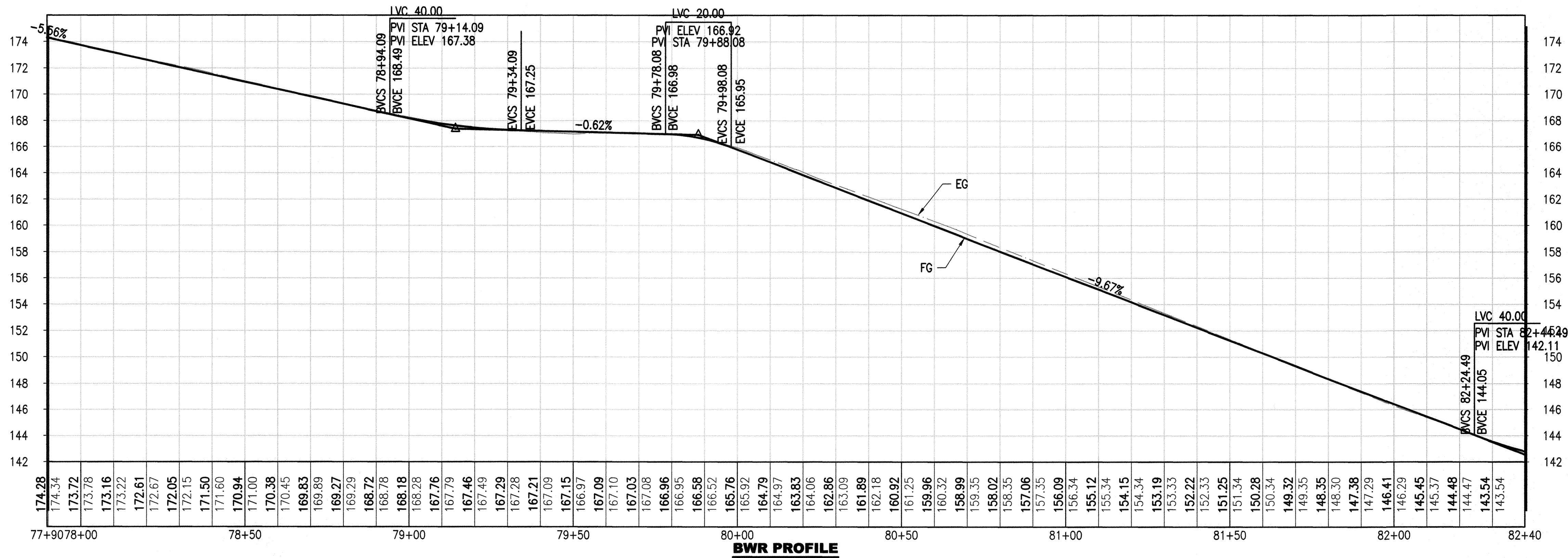
I:\CP1640.1_Van Ness BRT\2_CERA 500_Design Components\501_Drawings\07_Civil\Sheet Files\CP1640\CV122A.dwg pwillson Tue Jun 09 2015 - 2:17 pm

MATCH LINE
SEE CV-121A



MATCH LINE
SEE CV-123A

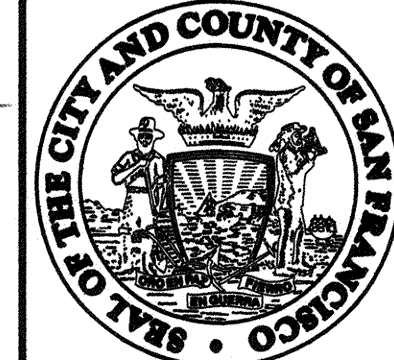
MATCH LINE
SEE CV-121A



MATCH LINE
SEE CV-123A

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

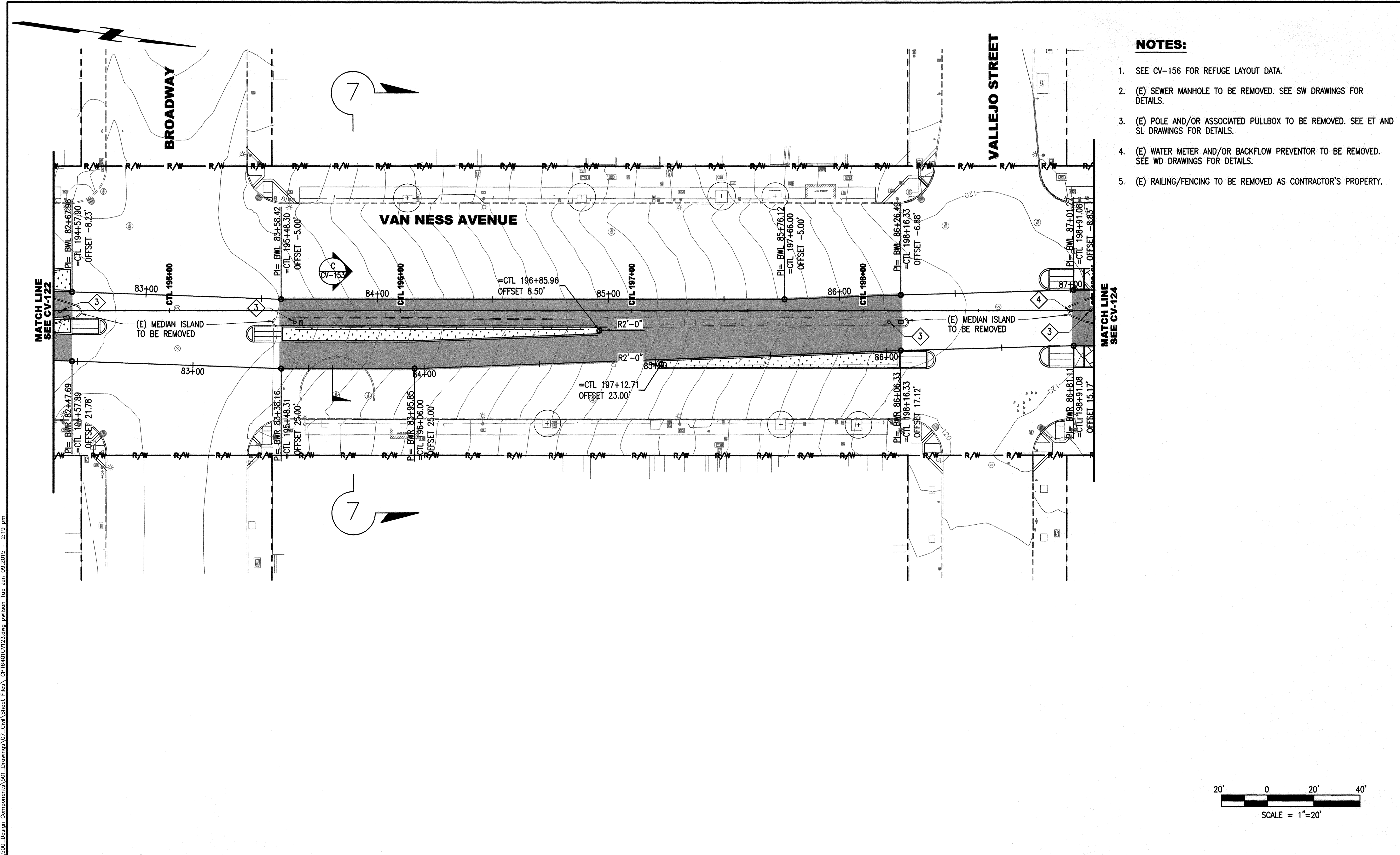
DESIGNED: *Protervion*
 DRAWN: *Protervion*
 CHECKED: *Oliver Cayaby*
 REVIEWED: *Mark A. Rubrich*
 RECOMMENDED: *Protervion*
 APPROVED: *F. Mahabadi*
 DATE: MAY 13 2016



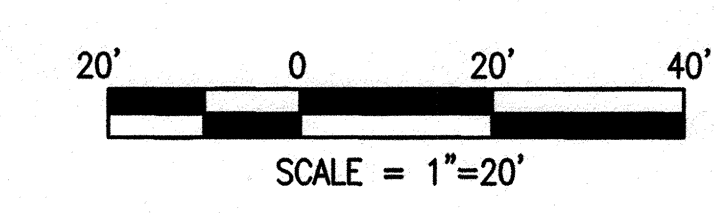
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED: *Lucy Han*
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28850
CIVIL CTL 190+00 TO 194+50 PROFILES	CV-122A	REVISION 0
	CV-158	

I:\CP1640.1_Van Ness BRT\2_CERA_500_Design_Components\501_Drawings\07_Civil\Sheet Files\CP16401CV123.dwg, pmlison Tue Jun 09 2015 - 2:19 pm

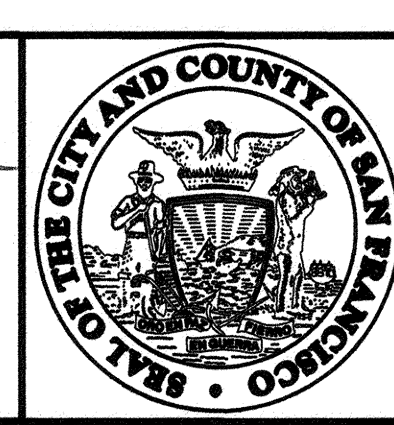
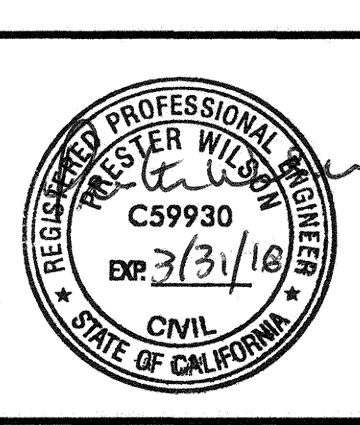


- NOTES:**
- SEE CV-156 FOR REFUGE LAYOUT DATA.
 - (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
 - (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
 - (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
 - (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.



NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED	<i>Justin Chan</i>
DRAWN	<i>Justin Chan</i>
CHECKED	<i>Edwan Lopez</i>
REVIEWED	<i>Mark A. Ruedrich</i>
RECOMMENDED	<i>Justin Chan</i>
APPROVED	<i>Justin Chan</i>
DATE	MAY 13 2016



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

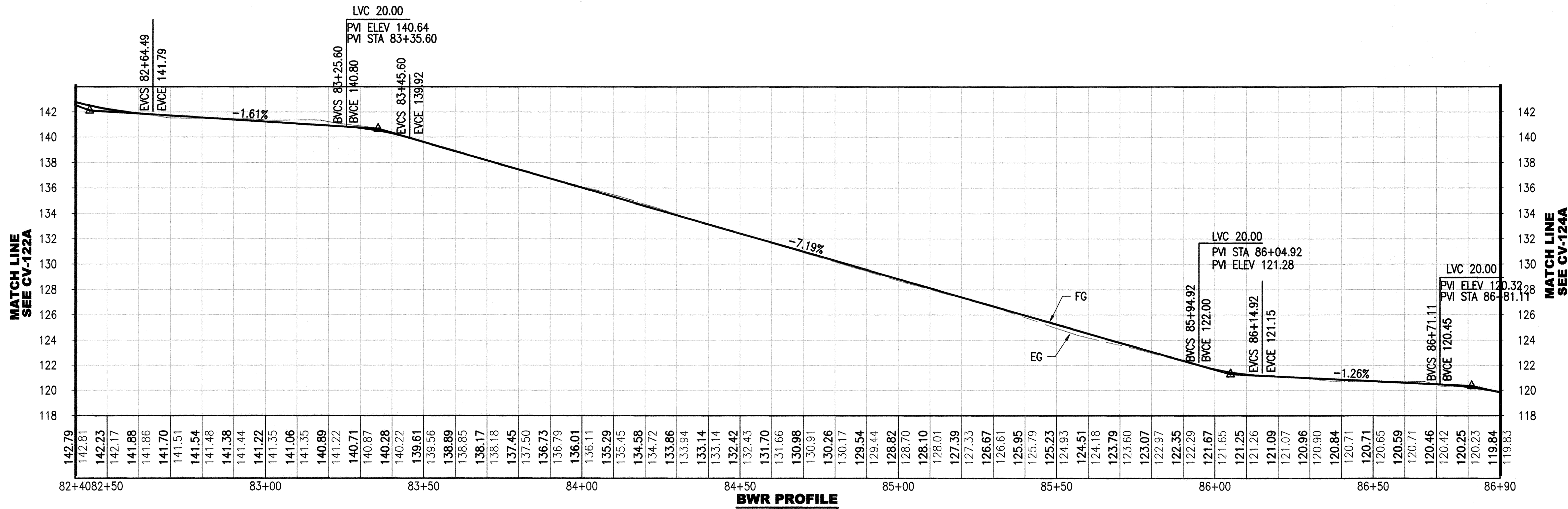
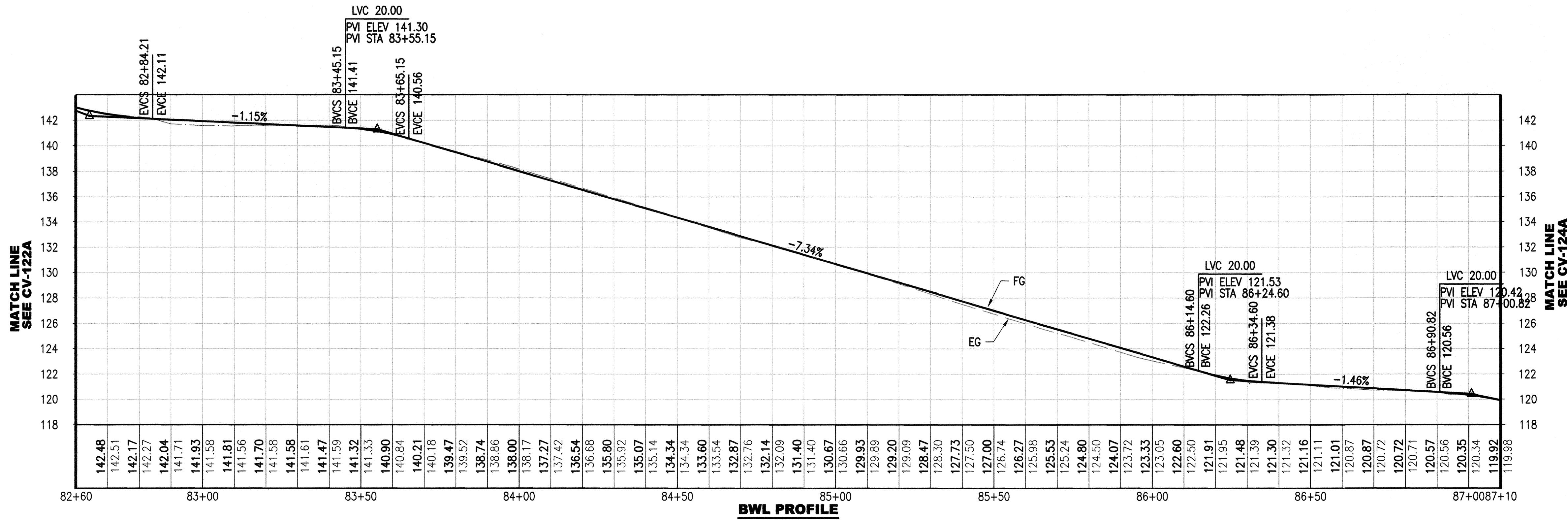
APPROVED
Victor H. Han
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT

CIVIL
 CTL 194+50 TO 199+00
 PLAN

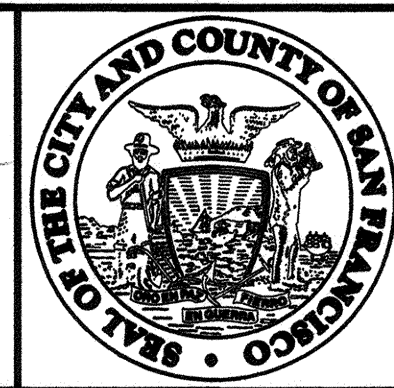
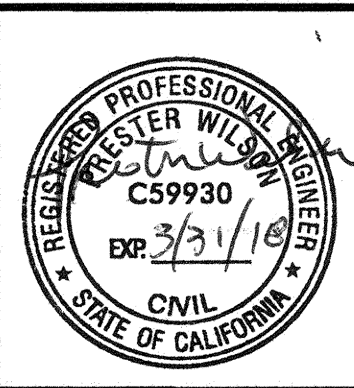
1289	
CL-28851	
CV-123	REVISION
CV-158	0

I:\CP16401_Van Ness BRT V2_CERA EPOD_Design Components\501_Drawings\07_Civil\Sheet Files\ CP16401 CV123A.dwg pwillson Tue Jun 09 2015 - 2:20 pm



NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

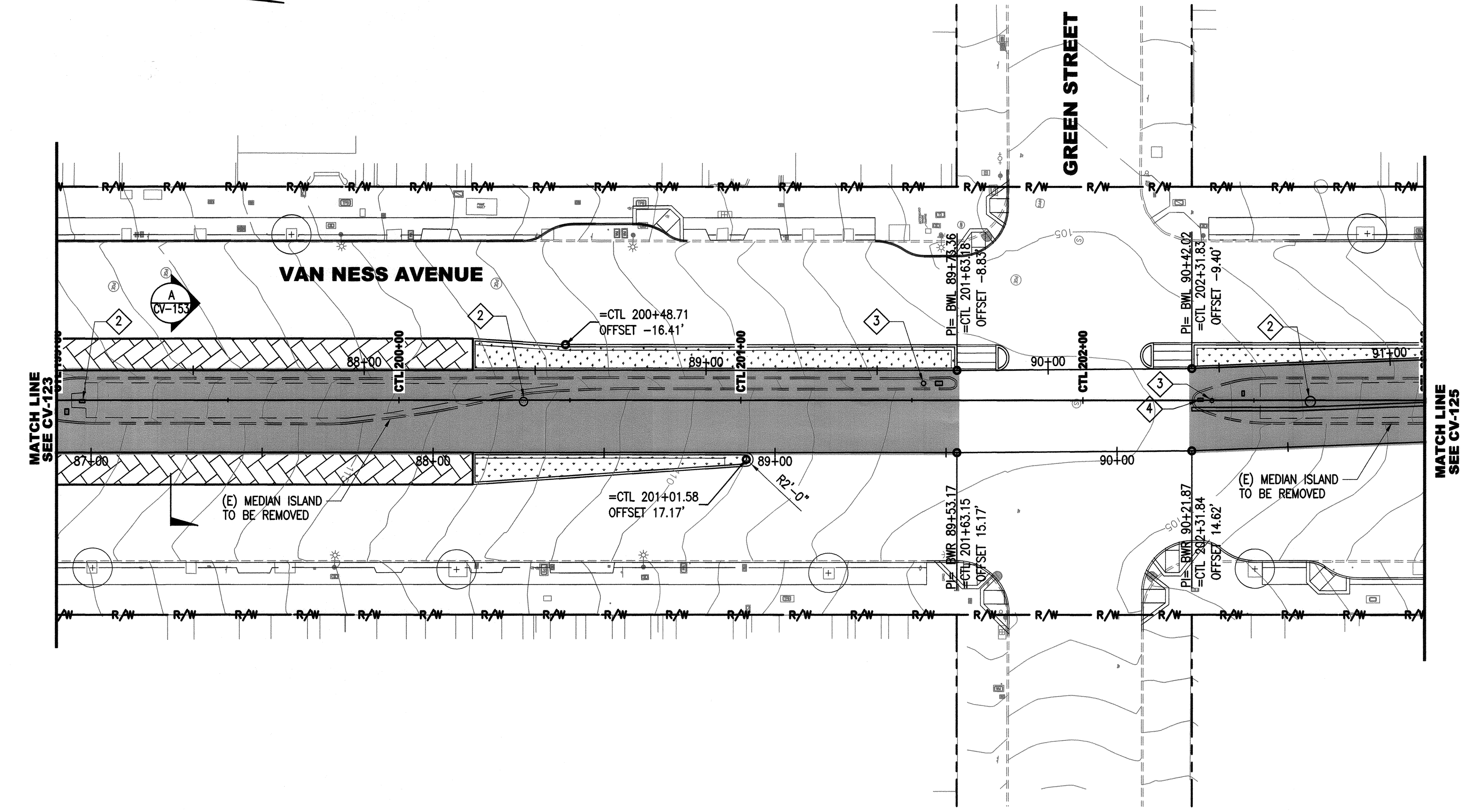
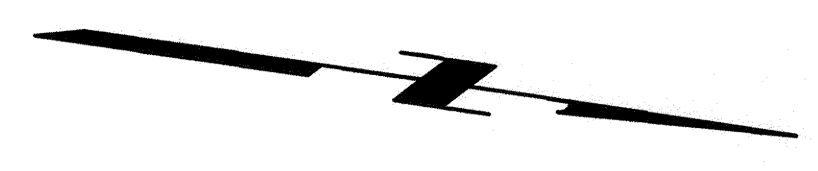
DESIGNED: *Peter Wilson*
 DRAWN: *Peter Wilson*
 CHECKED: *Edwin Corbett*
 REVIEWED: *Mark A. Rudnicki*
 RECOMMENDED: *Peter Wilson*
 APPROVED: *F. Mohamoud*
 DATE: MAY 13 2016



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

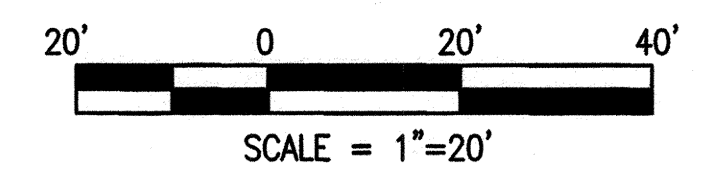
APPROVED
Vincent Han
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289	
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28852	
CIVIL CTL 194+50 TO 199+00 PROFILES		CV-123A	REVISION
		CV-158	0



NOTES:

1. SEE CV-156 FOR REFUGE LAYOUT DATA.
2. (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
3. (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
4. (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
5. (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.



I:\CP16401_Van Ness BRV_V_CERA_500_Design_Components\501_Drawings\07_Cha\Sheet Files\CP16401CV124.dwg pholson Tue Jun 09, 2015 - 2:27 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED <i>[Signature]</i>
DRAWN <i>[Signature]</i>
CHECKED <i>[Signature]</i>
REVIEWED <i>[Signature]</i>
RECOMMENDED <i>[Signature]</i>
APPROVED <i>[Signature]</i>
DATE MAY 13 2016

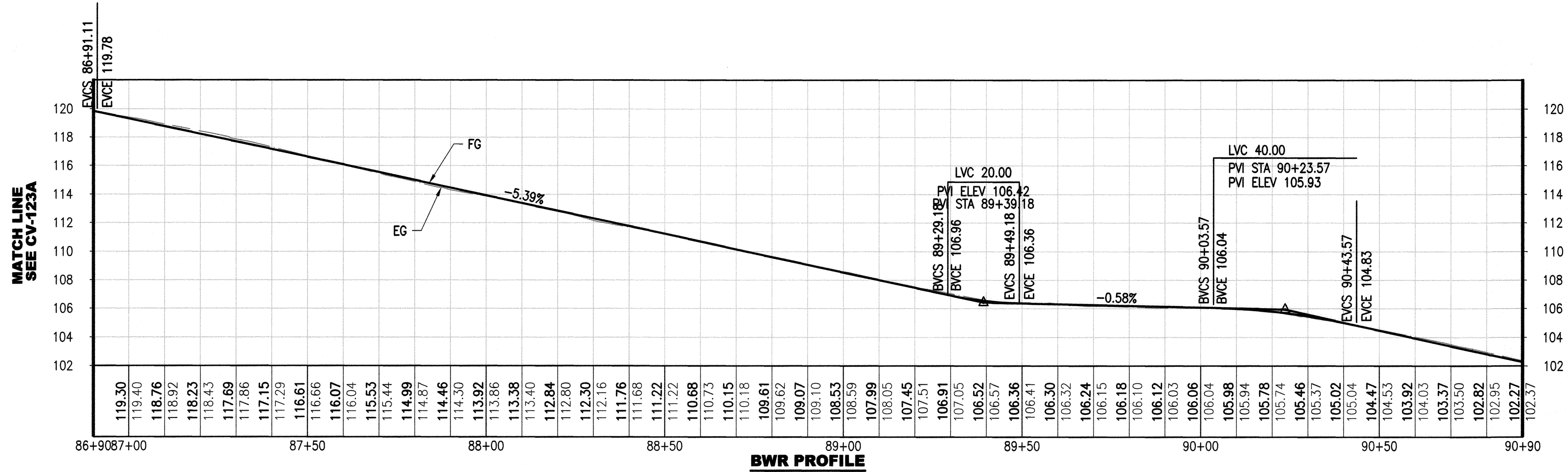


CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED
[Signature]
for the DIRECTOR OF TRANSPORTATION

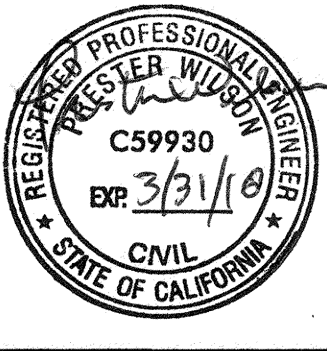
MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28853
CIVIL CTL 199+00 TO 203+00 PLAN	REVISION	0

I:\CP16401_Van Ness BRT V2_CER\500_Design_Components\501_Drawings\07_Civil\Sheet Files\CP16401CV124A.dwg pulison Tue Jun 09 2015 - 2:28 pm



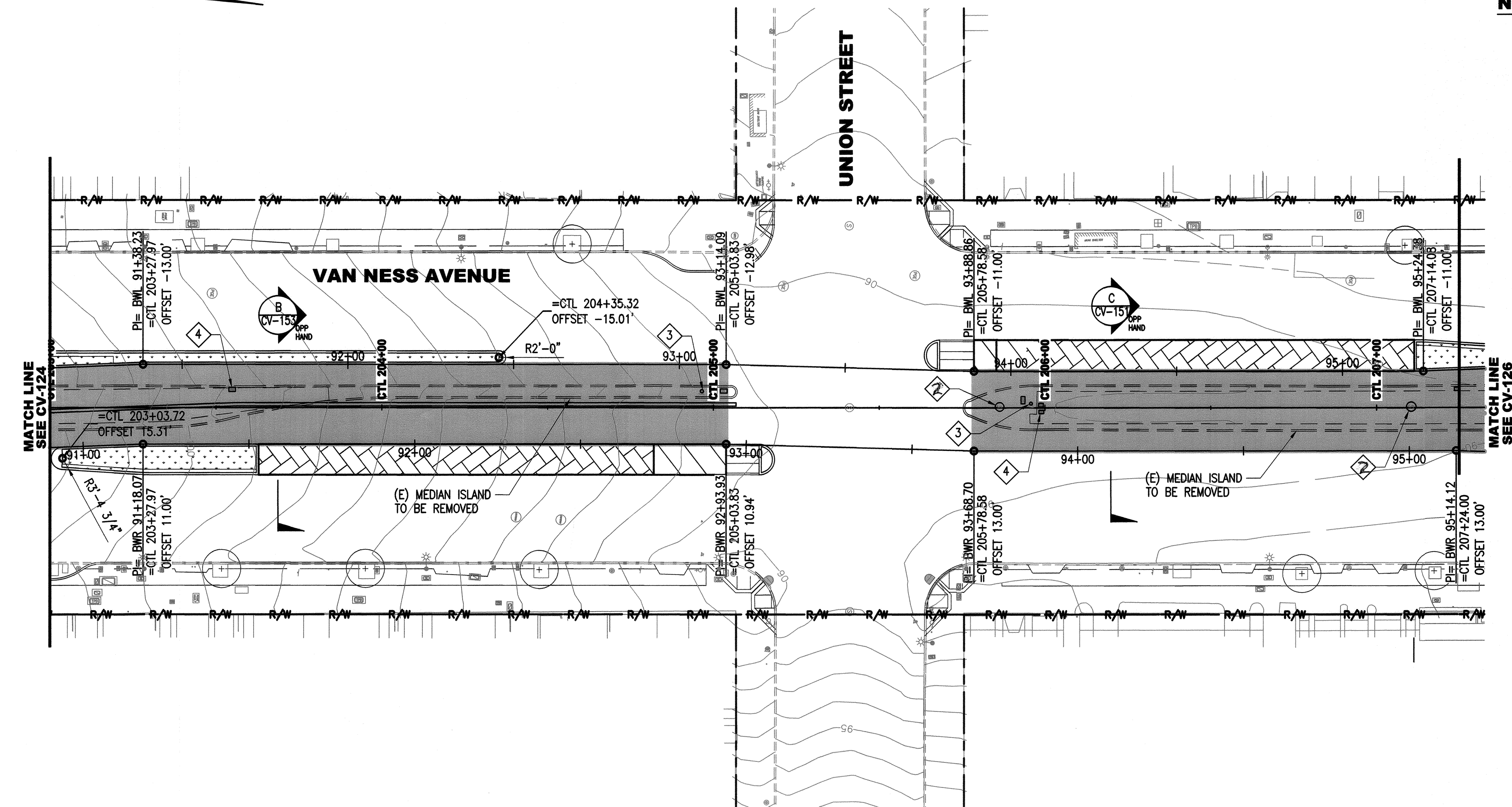
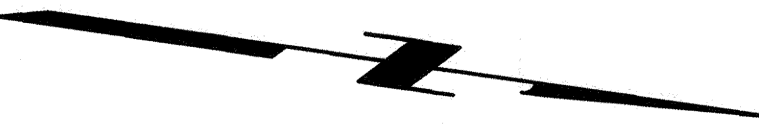
NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED: *Patricia Wilson*
 DRAWN: *Patricia Wilson*
 CHECKED: *Edison Canales*
 REVIEWED: *Mark A. Ruchnicki*
 RECOMMENDED: *Patricia Wilson*
 APPROVED: *F. Mohammad*
 DATE: **MAY 13 2016**

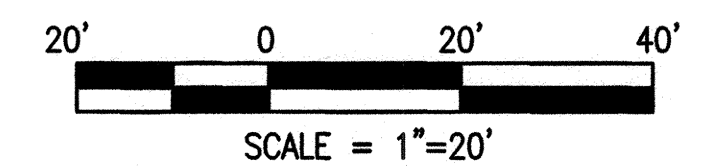


CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED: *Lucy H. Han*
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289				
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28854				
CIVIL CTL 199+00 TO 203+00 PROFILES		<table border="1"> <tr><td>CV-124A</td><td>REVISION</td></tr> <tr><td>CV-158</td><td>0</td></tr> </table>	CV-124A	REVISION	CV-158	0
CV-124A	REVISION					
CV-158	0					



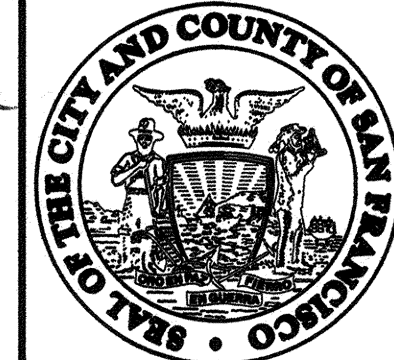
1. SEE CV-156 FOR REFUGE LAYOUT DATA.
2. (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
3. (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
4. (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
5. (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.



I:\CP16401_Van Ness BRITV_CERA_500_Design Components\501_Drawings\07_Civil\Sheet Files\CP16401CV125.dwg, phillson Tue Jun 09, 2015 - 2:31 pm

NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

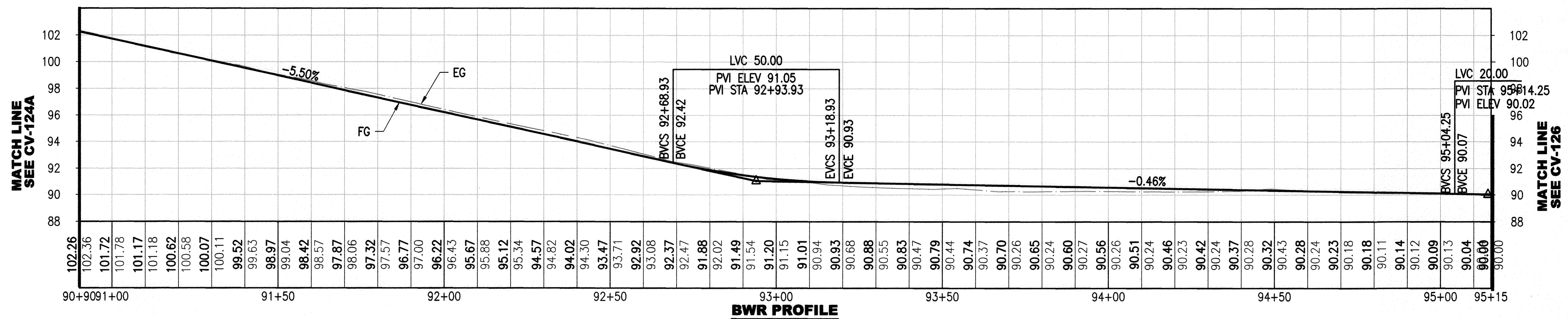
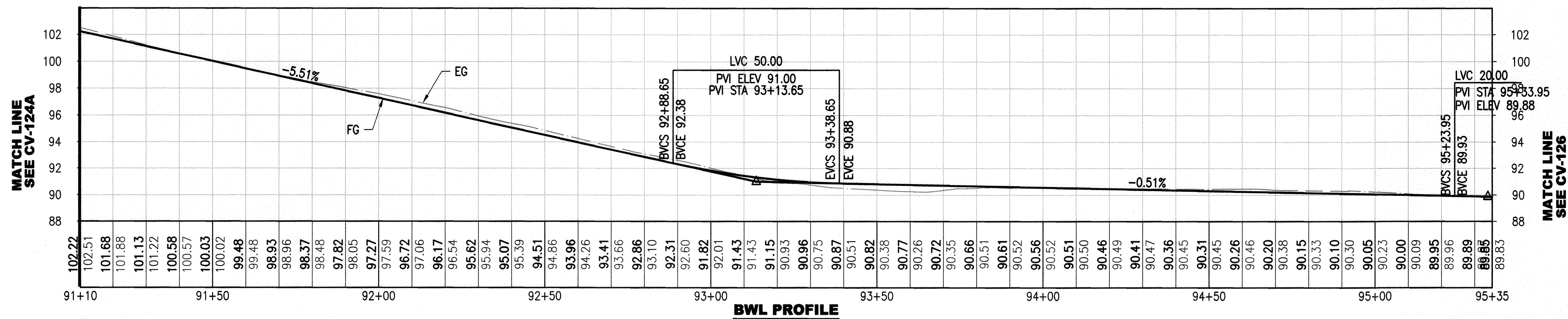
DESIGNED *Justin Wilson*
 DRAWN *Justin Wilson*
 CHECKED *Edwin Cardenas*
 REVIEWED *Mark A. Rudrich*
 RECOMMENDED *Justin Wilson*
 APPROVED *F. Mahan*
 DATE **MAY 13 2016**



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED *Lucy Han*
 for the DIRECTOR OF TRANSPORTATION

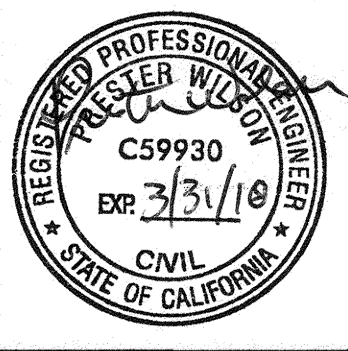
MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28855
CIVIL CTL 203+00 TO 207+25 PLAN	CV-125 CV-158	REVISION 0

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REVISIONS					

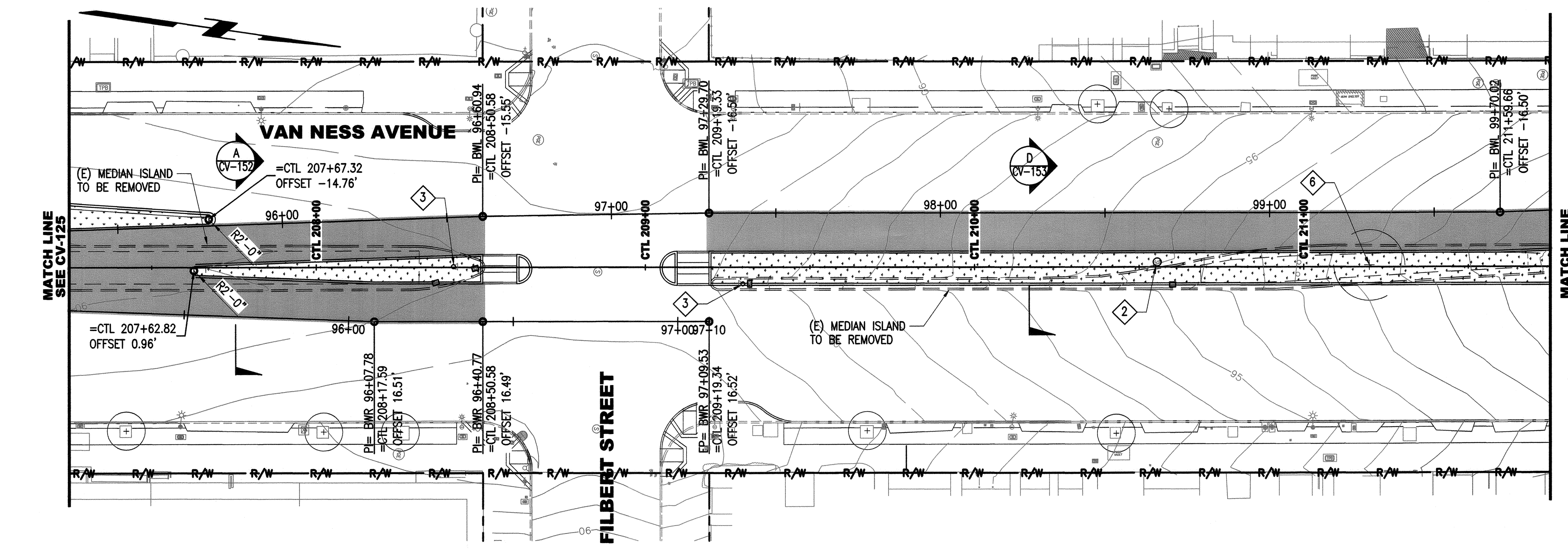
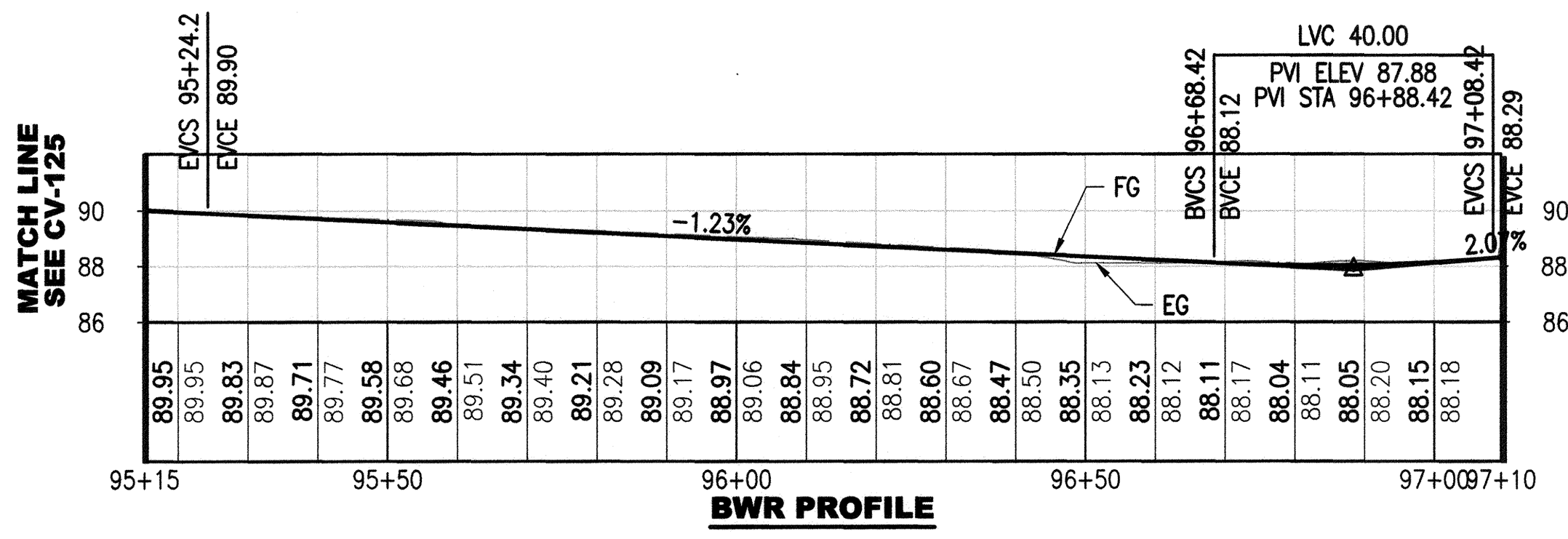
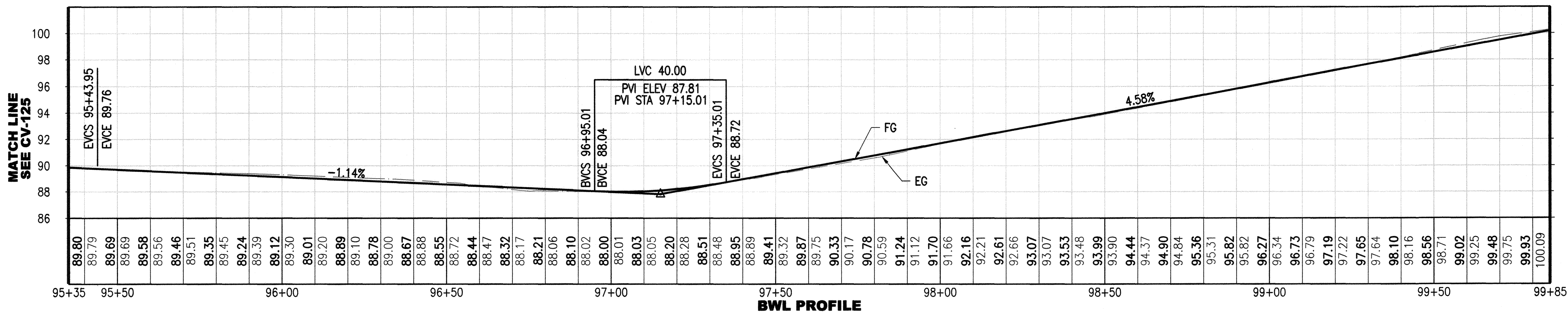
DESIGNED: *[Signature]*
 DRAWN: *[Signature]*
 CHECKED: *[Signature]*
 REVIEWED: *[Signature]*
 RECOMMENDED: *[Signature]*
 APPROVED: *[Signature]*
 DATE: MAY 13 2016



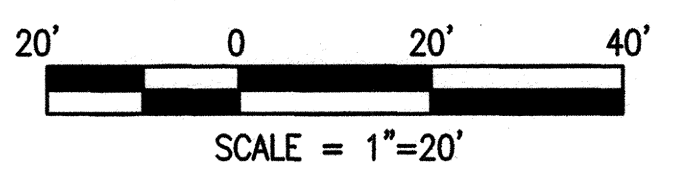
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED
[Signature]
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		1289 CL-28856
CIVIL CTL 203+00 TO 207+25 PROFILES		REVISION CV-125A CV-158 0

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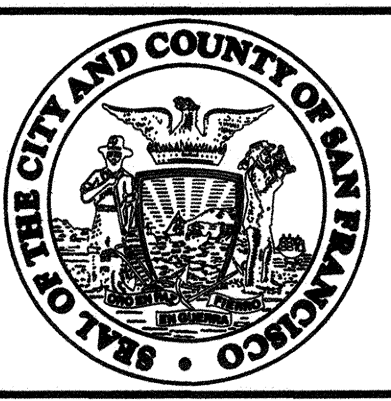
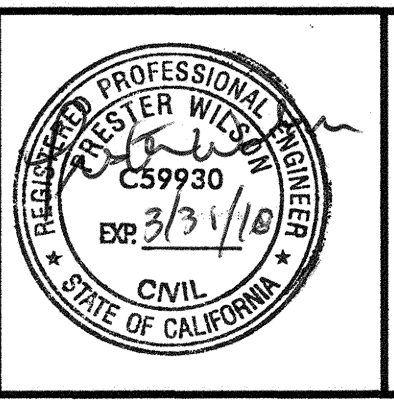


- NOTES:**
- SEE CV-156 FOR REFUGE LAYOUT DATA.
 - (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
 - (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
 - (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
 - (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.
 - (E) TREE TO BE PROTECTED IN PLACE. SEE LA DRAWINGS.



NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED: *Peter Wilson*
 DRAWN: *Peter Wilson*
 CHECKED: *Edoardo Lopez*
 REVIEWED: *Mark A. Kuschick*
 RECOMMENDED: *Peter Wilson*
 APPROVED: *F. Mahanovich*
 DATE: **MAY 13 2016**



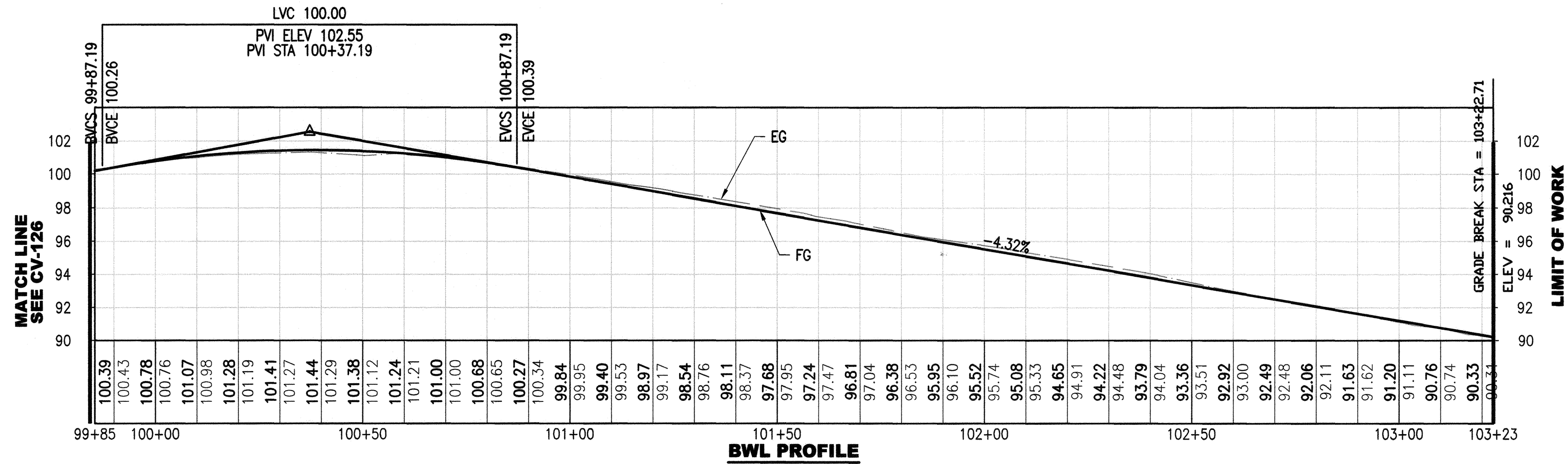
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED: *Vincent J. Han*
 for the DIRECTOR OF TRANSPORTATION

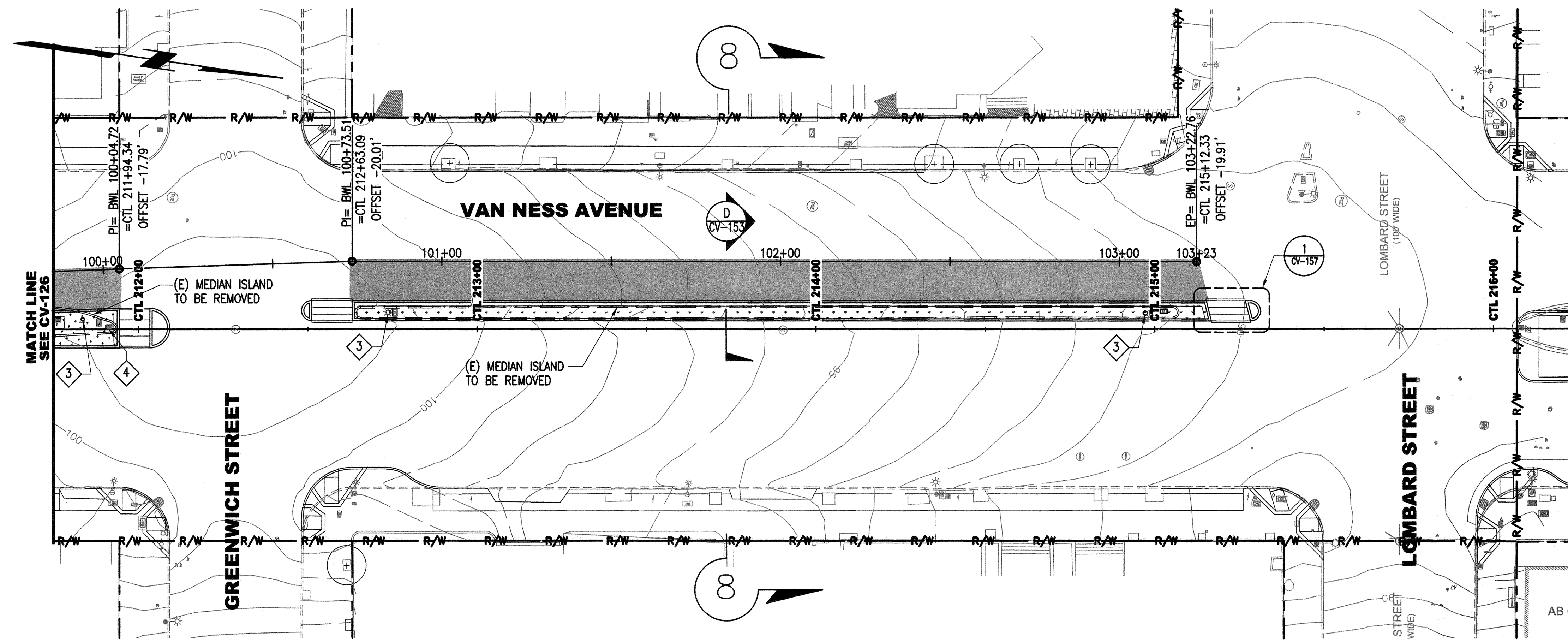
MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT

CIVIL
 CTL 207+25 TO 211+75
 PLAN

1289	
CL-28857	
CV-126	REVISION
CV-158	0



- NOTES:**
1. SEE CV-156 FOR REFUGE LAYOUT DATA.
 2. (E) SEWER MANHOLE TO BE REMOVED. SEE SW DRAWINGS FOR DETAILS.
 3. (E) POLE AND/OR ASSOCIATED PULLBOX TO BE REMOVED. SEE ET AND SL DRAWINGS FOR DETAILS.
 4. (E) WATER METER AND/OR BACKFLOW PREVENTOR TO BE REMOVED. SEE WD DRAWINGS FOR DETAILS.
 5. (E) RAILING/FENCING TO BE REMOVED AS CONTRACTOR'S PROPERTY.



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REVISIONS					

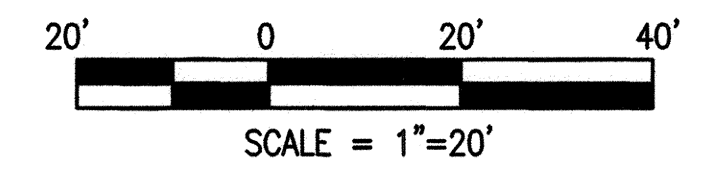
DESIGNED	<i>Proteccion</i>
DRAWN	<i>Proteccion</i>
CHECKED	<i>Edwin Cardenas</i>
REVIEWED	<i>Mark A. Ruchnicki</i>
RECOMMENDED	<i>Proteccion</i>
APPROVED	<i>F. Rodriguez</i>
DATE	MAY 18 2016

REGISTERED PROFESSIONAL ENGINEER
 FREDERICK WILSON
 C59930
 EXP. 3/31/18
 CIVIL
 STATE OF CALIFORNIA

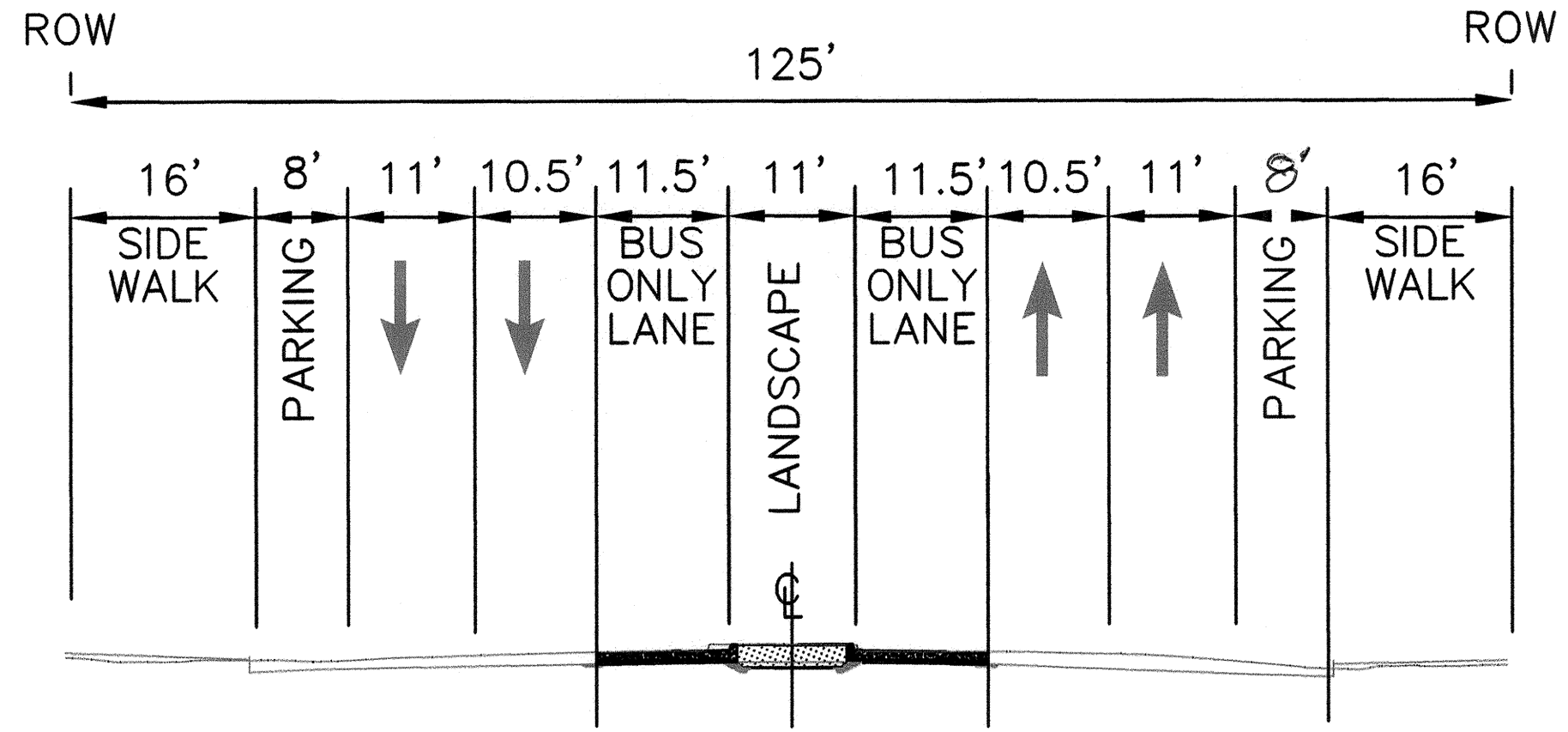
CITY AND COUNTY OF SAN FRANCISCO
 MUNICIPAL TRANSPORTATION AGENCY

APPROVED
Vincent Han
 for the DIRECTOR OF TRANSPORTATION

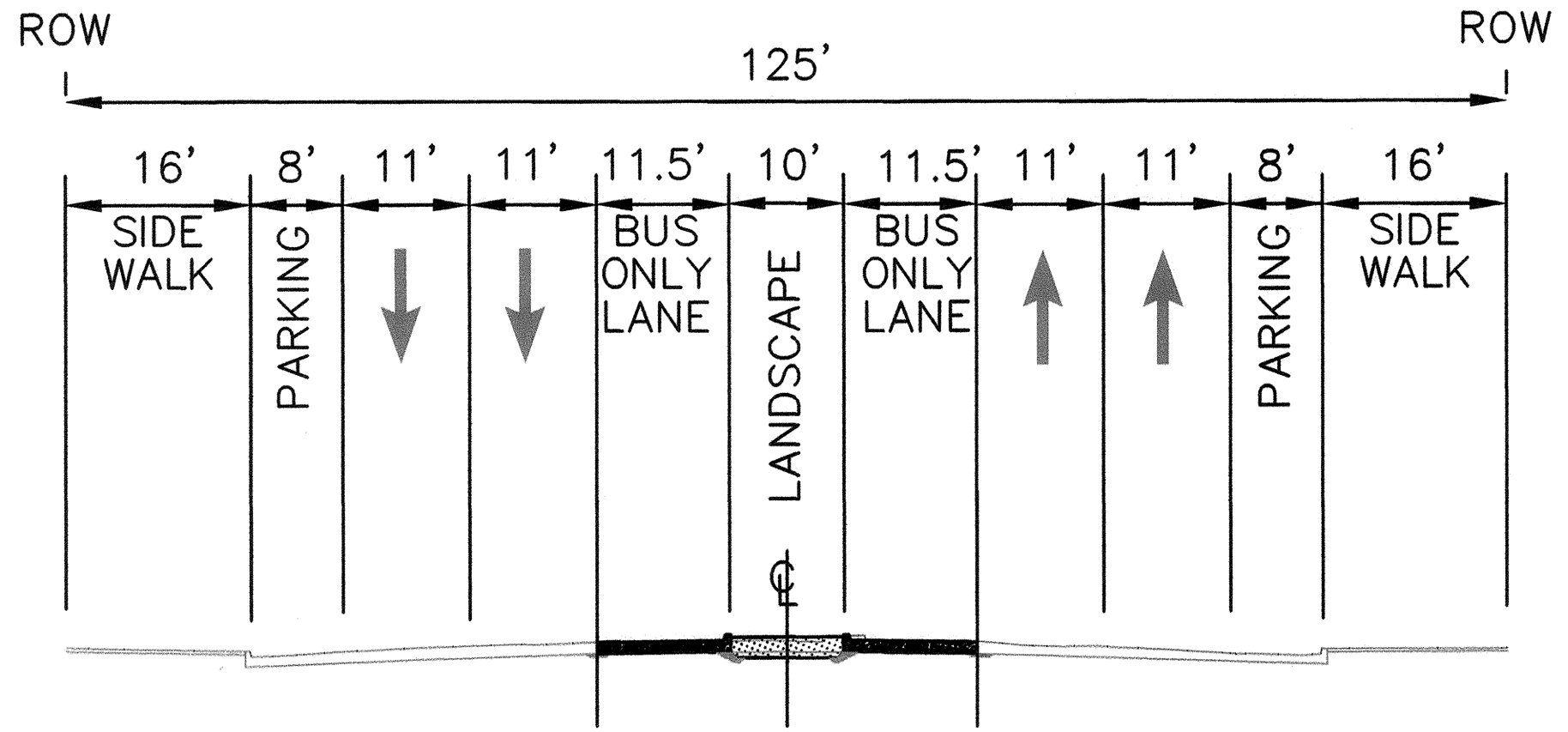
MUNI BUS RAPID TRANSIT SYSTEM	1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT	CL-28858
CIVIL CTL 211+75 TO 216+25 PLAN	CV-127 CV-158 REVISION 0



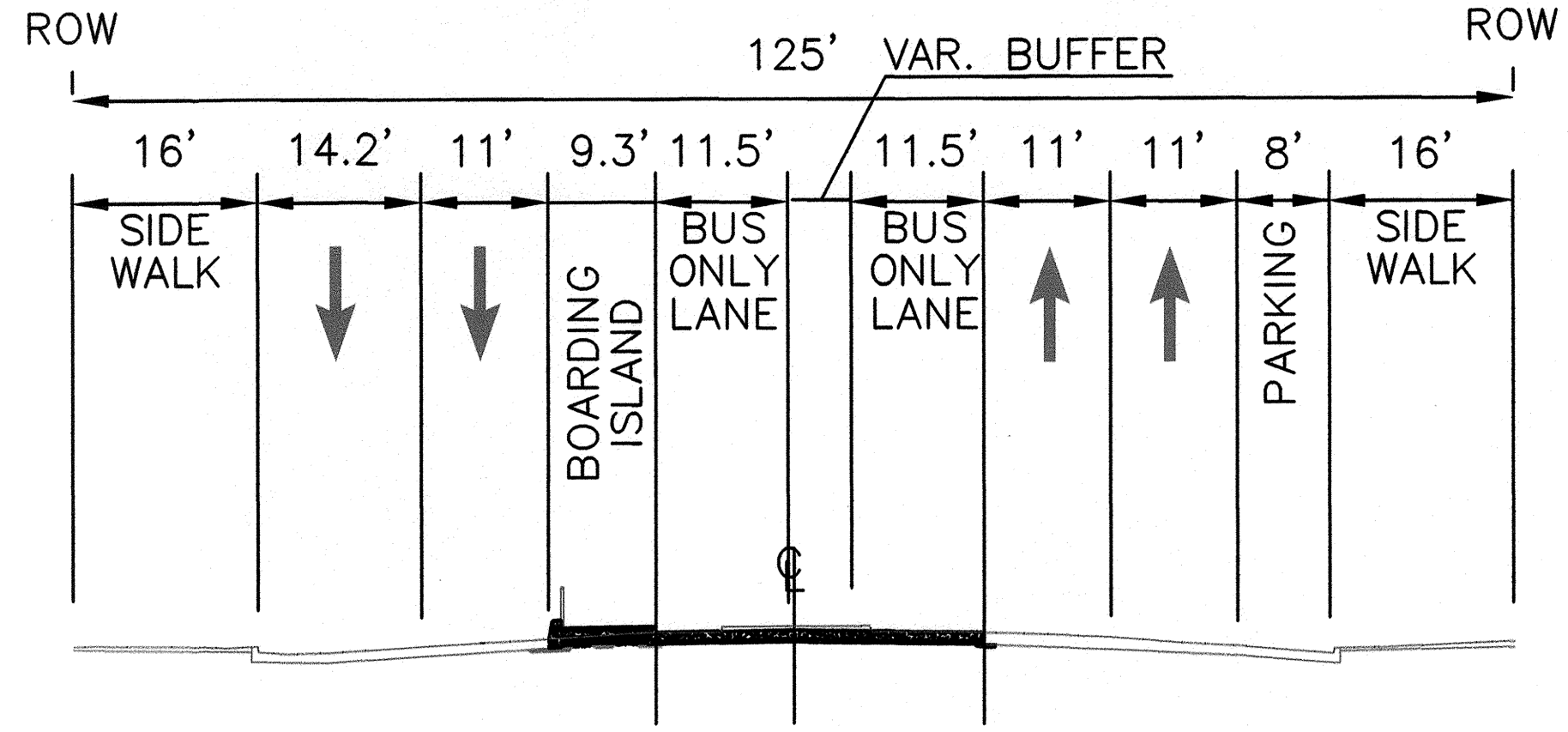
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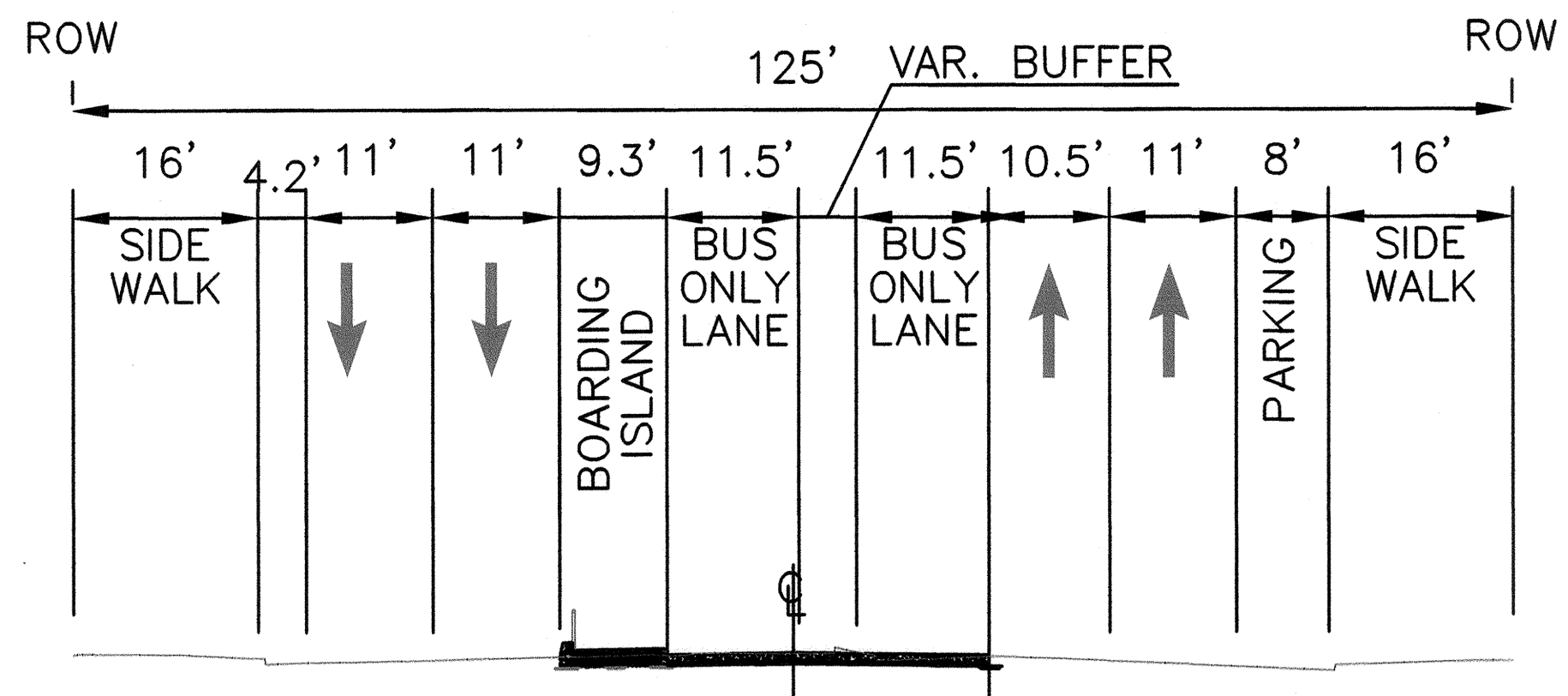
1 SECTION



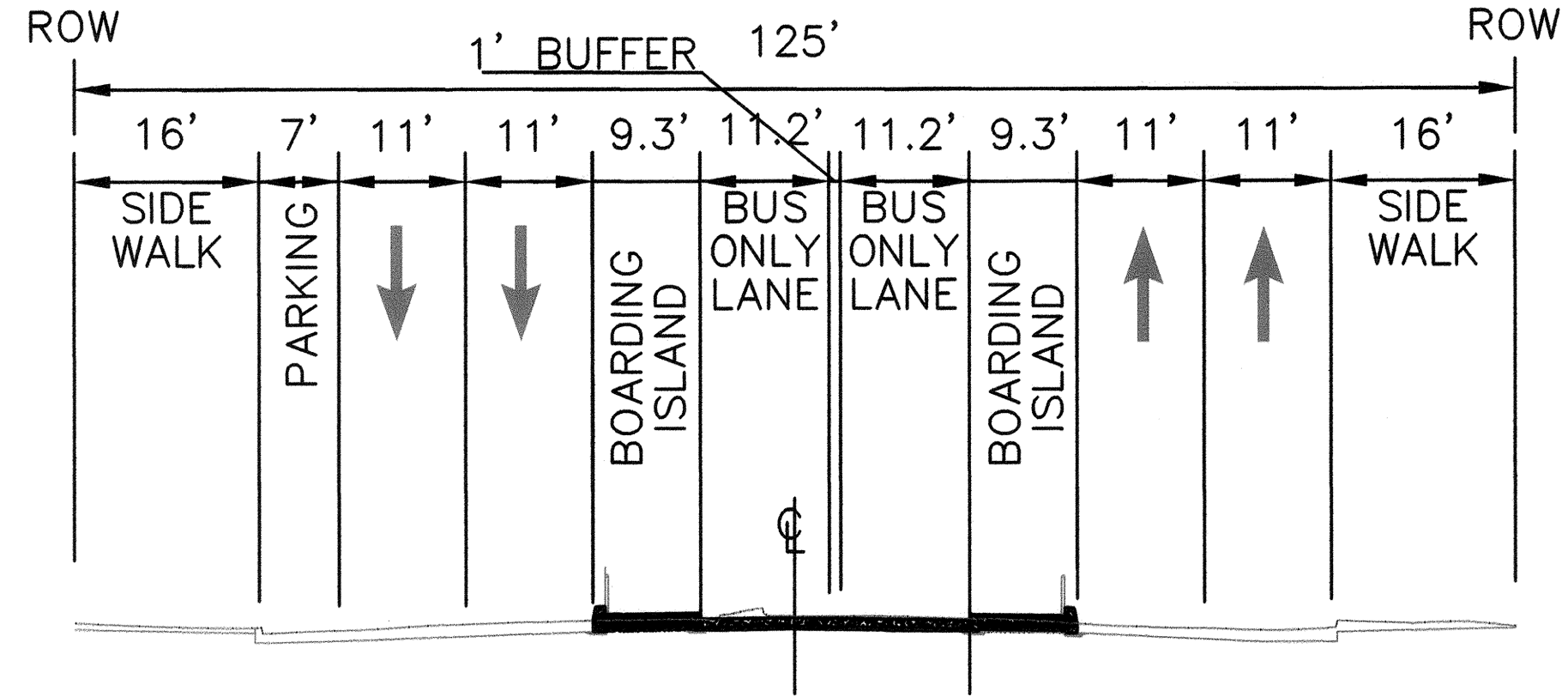
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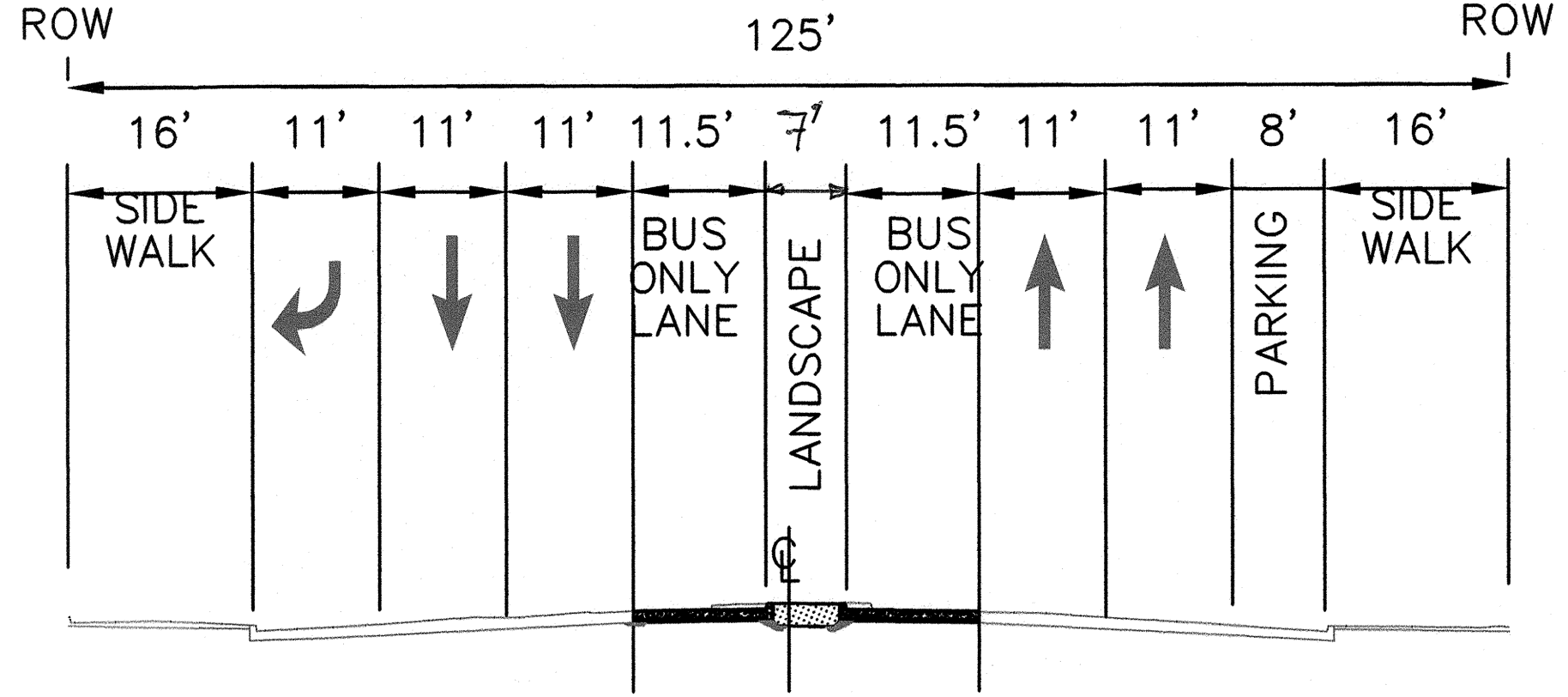
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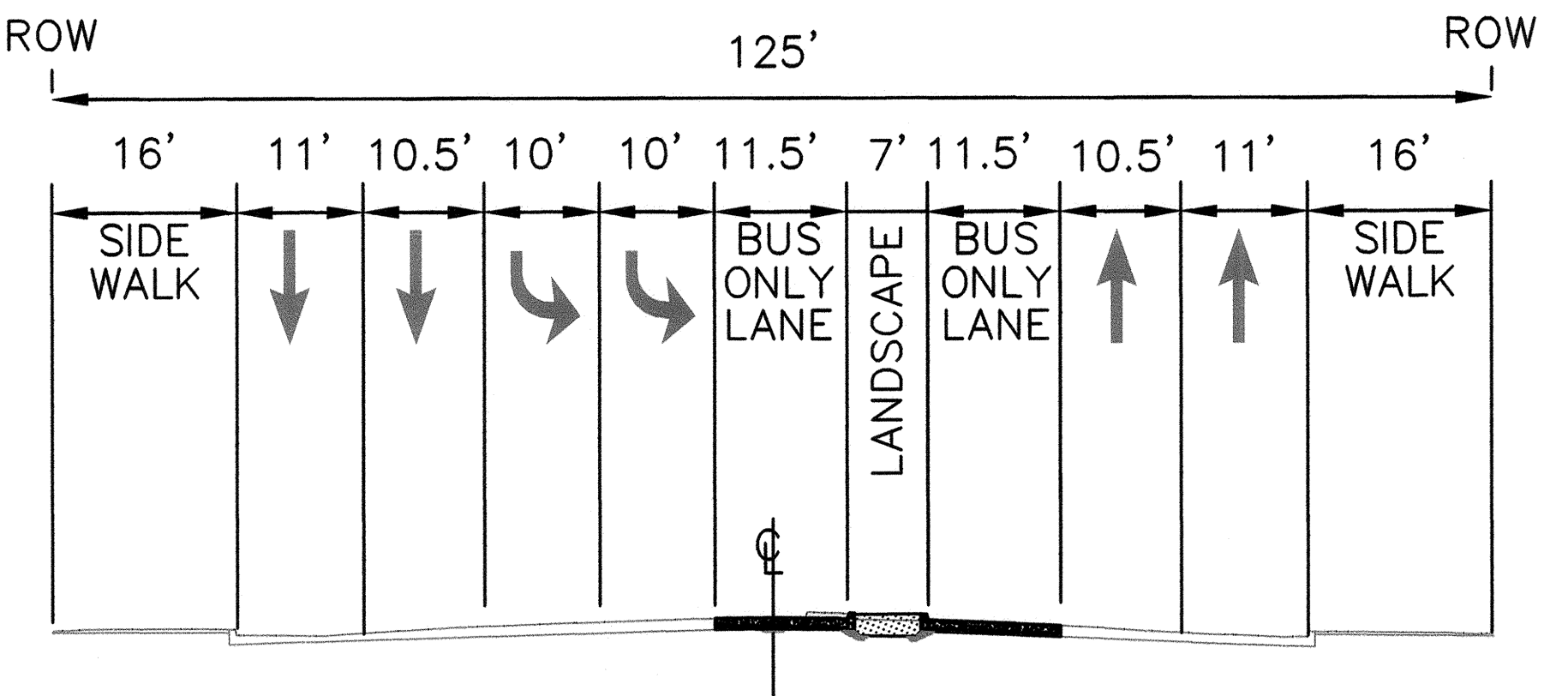
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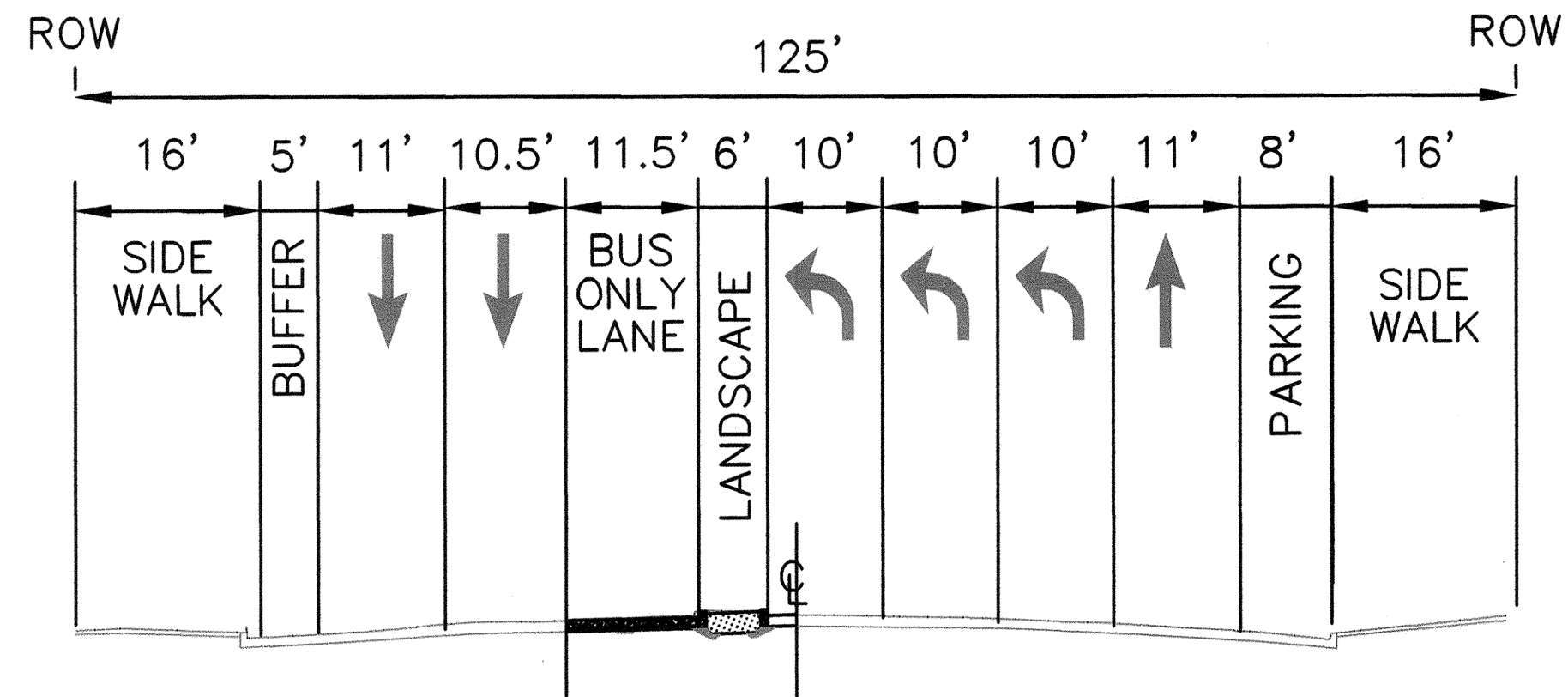
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6 SECTION



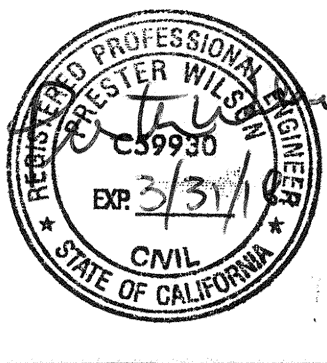
7 SECTION



8 SECTION

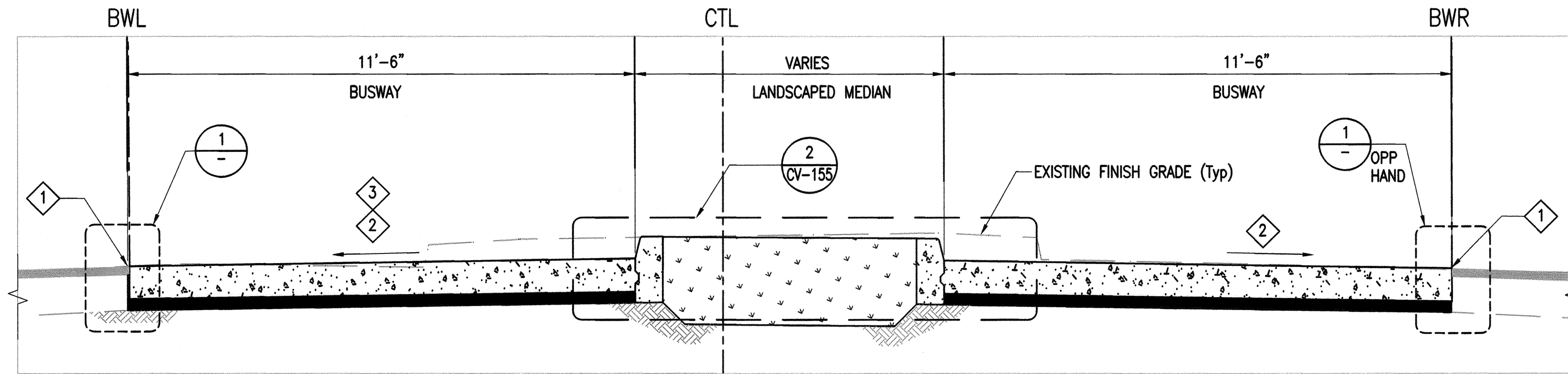
NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED: *Patricia Wilson*
 DRAWN: *Patricia Wilson*
 CHECKED: *Edna Caspary*
 REVIEWED: *Mark A. Ruschicki*
 RECOMMENDED: *Patricia Wilson*
 APPROVED: *P. Mohrman*
 DATE: MAY 13 2016

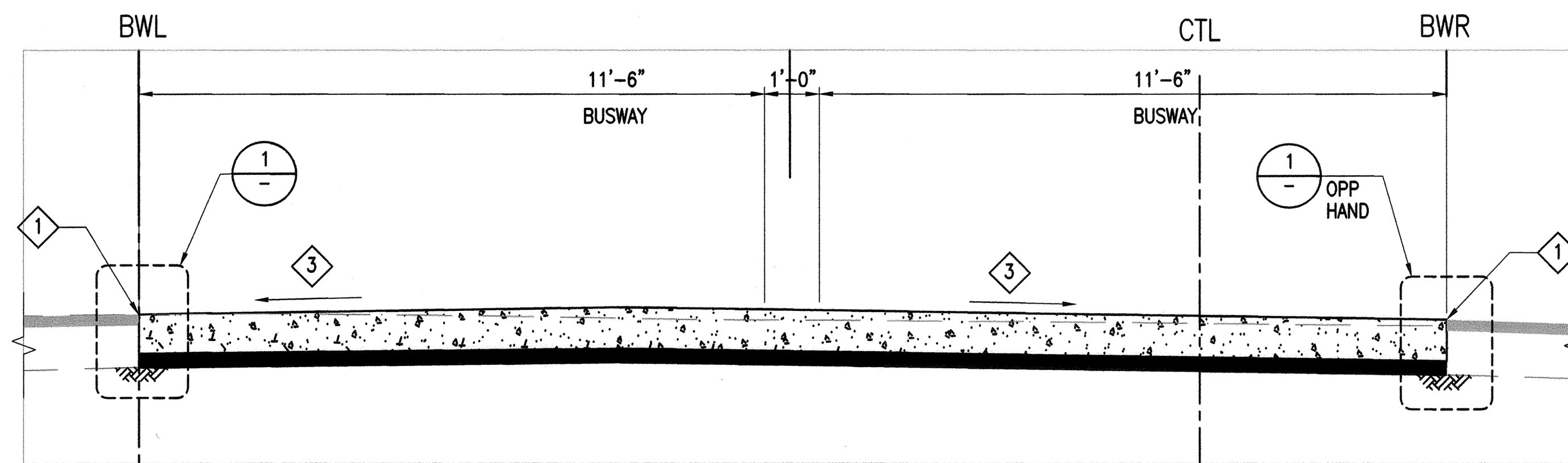


CITY AND COUNTY OF SAN FRANCISCO
 MUNICIPAL TRANSPORTATION AGENCY
 APPROVED: *[Signature]*
 for the DIRECTOR OF TRANSPORTATION

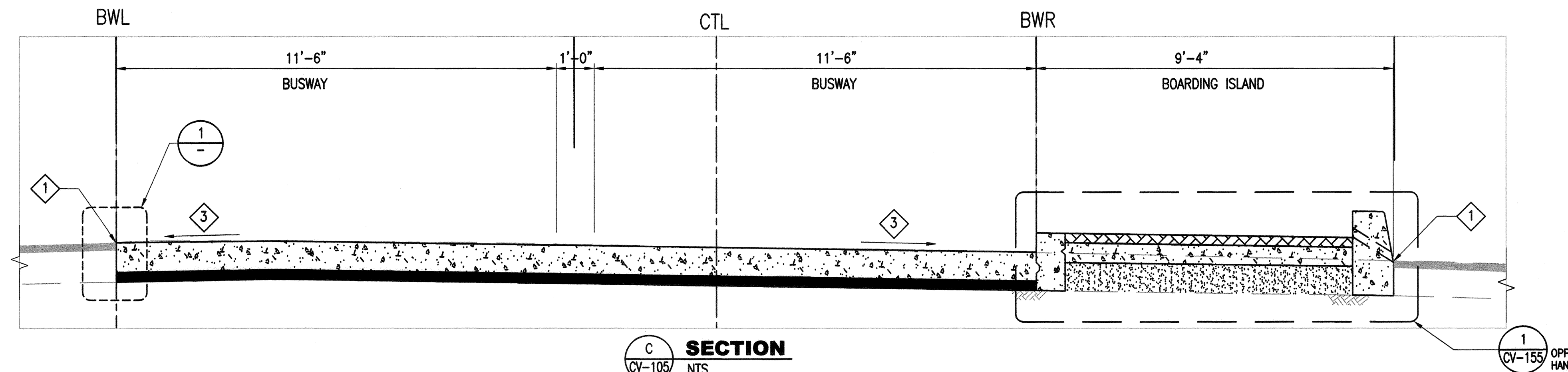
MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28859
CIVIL TYPICAL CROSS SECTIONS		REVISION
CV-150		0
CV-158		



SECTION A
CV-103 NTS
CV-113, CV-115



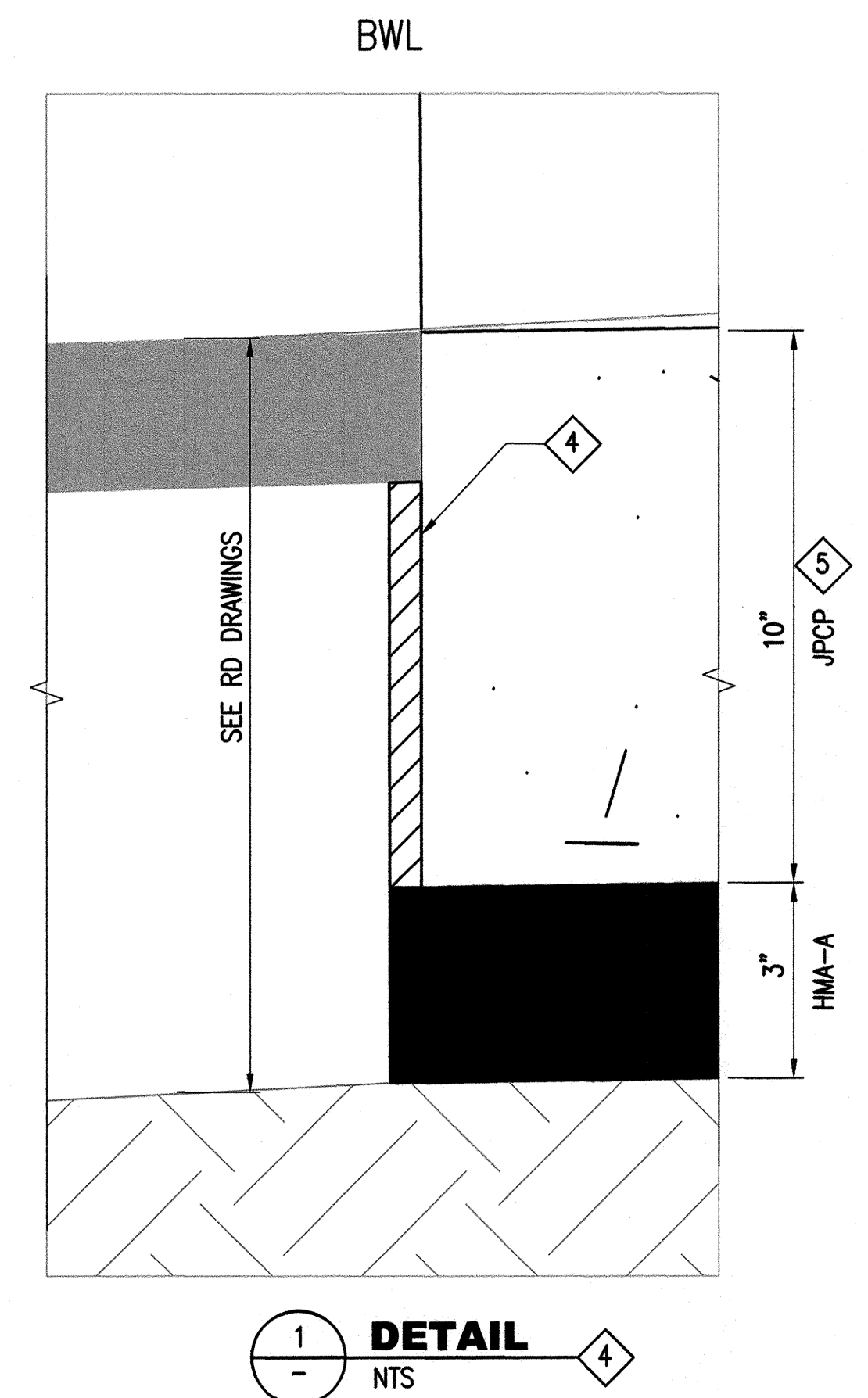
SECTION B
CV-104 NTS



SECTION C
CV-105 NTS
CV-125

NOTES:

1. CONFORM TO STREET GRADE. SEE RD DRAWINGS.
2. NEW BUSWAY SHALL BE SLOPED TO DRAIN 0.5% MINIMUM SLOPED SYMMETRICALLY ABOUT THE CENTERLINE OF VAN NESS AVENUE (CTL) UNLESS OTHERWISE NOTED.
3. NEW STREET GRADE ON SOUTH VAN NESS AVENUE SHALL CONFORM TO EXISTING STREET GRADE. CROWN OF STREET ON SOUTH VAN NESS AVENUE MAY NOT COINCIDE WITH CTL.
4. INSTALL ISOLATION JOINT PER DETAIL "A".
5. SEE CALTRANS STANDARD PLAN RSP P1 FOR REINFORCING DETAILS OF BUSWAY.

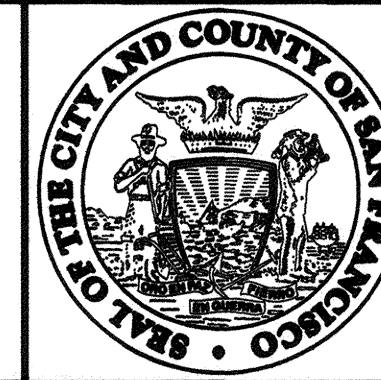
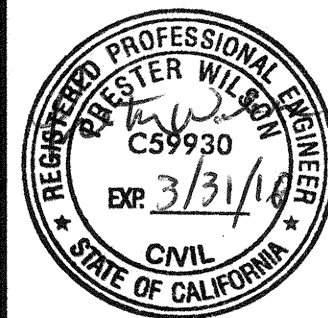


DETAIL
CV-155 NTS
OPP HAND

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NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED: *[Signature]*
 DRAWN: *[Signature]*
 CHECKED: *[Signature]*
 REVIEWED: *[Signature]*
 RECOMMENDED: *[Signature]*
 APPROVED: *[Signature]*
 DATE: MAY 13 2016

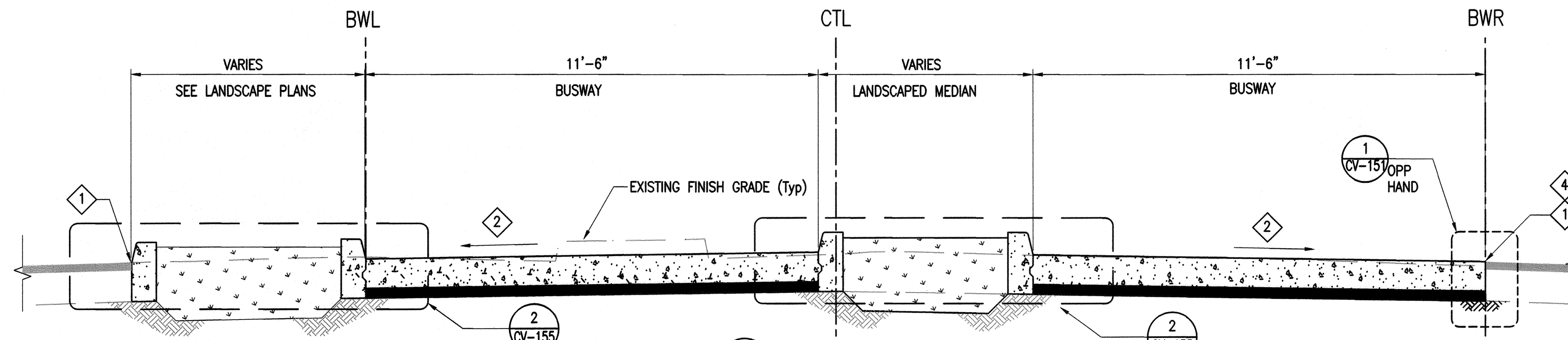


CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

APPROVED
[Signature]
 for the DIRECTOR OF TRANSPORTATION

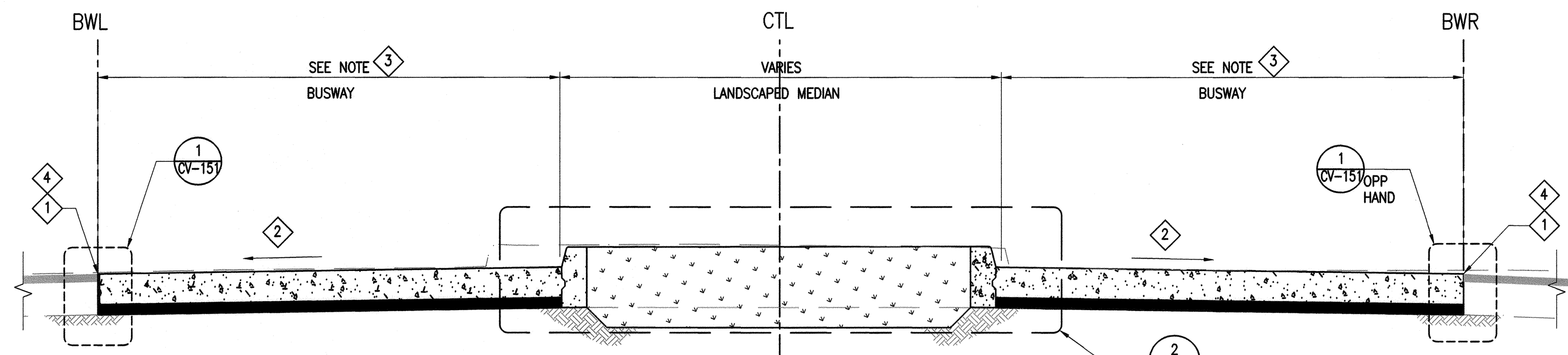
MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT
 CIVIL
**BUSWAY, MEDIANS AND BOARDING ISLANDS
 CROSS SECTIONS**

1289
CL-28860
 CV-151
 CV-158
 REVISION
 0



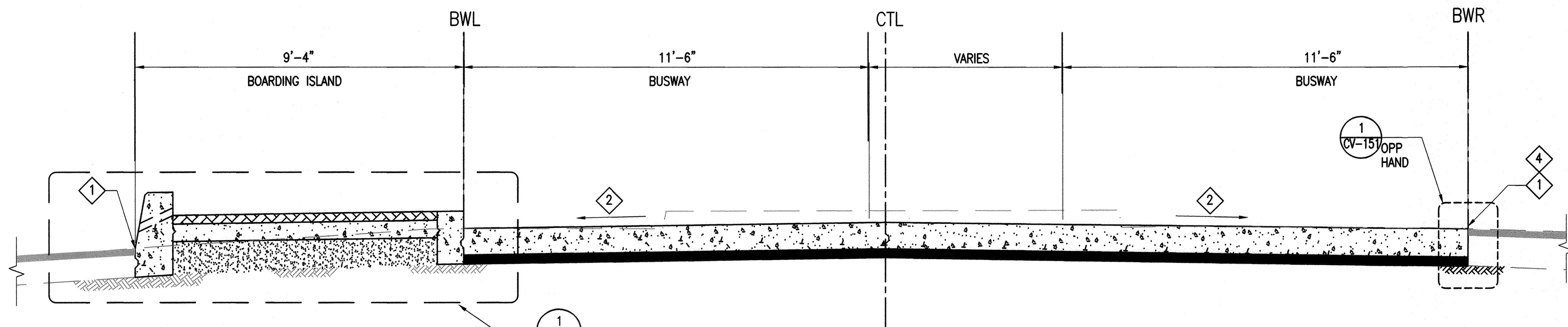
A SECTION
CV-106 NTS

CV-109, CV-110, CV-111, CV-112, CV-114, CV-122, CV-126,



B SECTION
CV-107 NTS

CV-106, CV-108, CV-110, CV-111, CV-113, CV-115, CV-116, CV-117, CV-118, CV-120, CV-121



C SECTION
CV-109 NTS

CV-110, CV-111, CV-112, CV-116

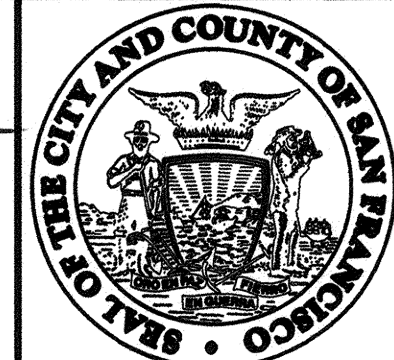
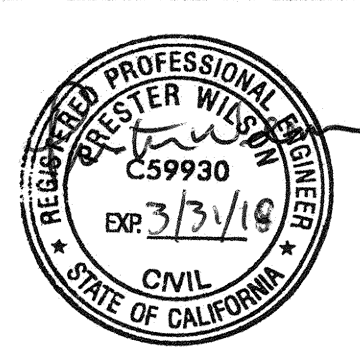
NOTES:

1. CONFORM TO THE STREET GRADE. SEE RD DRAWINGS.
2. NEW BUSWAY SHALL BE SLOPED TO DRAIN A MINIMUM 0.5% SLOPED SYMMETRICALLY ABOUT THE CENTERLINE OF VAN NESS AVENUE (CTL), UNLESS OTHERWISE NOTED.
3. ALL BUSWAYS ARE 11'-6" WIDE EXCEPT BETWEEN BUSH & PINE STREETS, BETWEEN GEARY AND O'FARRELL STREETS WHERE EACH BUSWAY IS 11'-2" WIDE, AND BETWEEN CALIFORNIA & SACRAMENTO STREETS WHERE EACH BUSWAY IS 12'-0" WIDE.
4. INSTALL ISOLATION JOINT PER CALTRANS RSP P18, DETAIL "A".

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NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

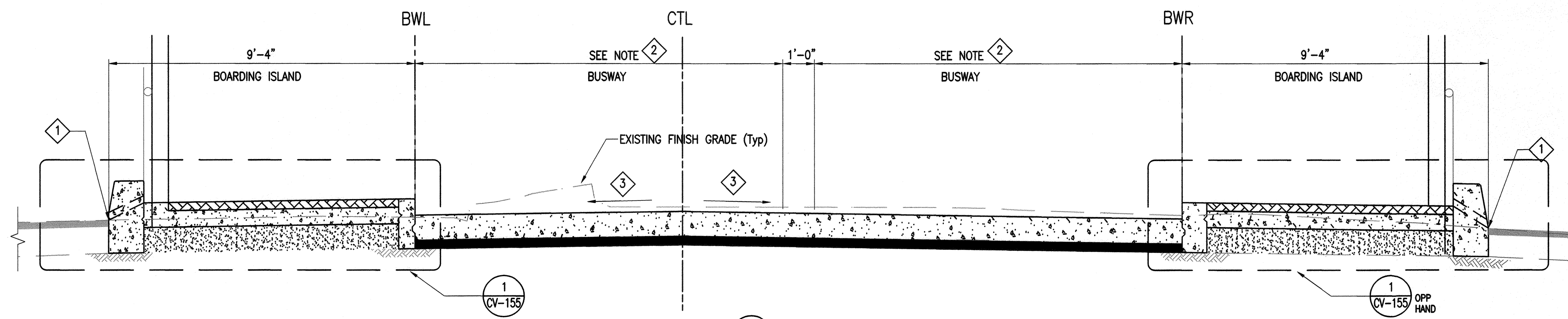
DESIGNED: *Proh...*
 DRAWN: *Proh...*
 CHECKED: *Edwa Caslyll*
 REVIEWED: *Maha Rudnicki*
 RECOMMENDED: *Proh...*
 APPROVED: *F. Mohan...*
 DATE: **MAY 13 2016**



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

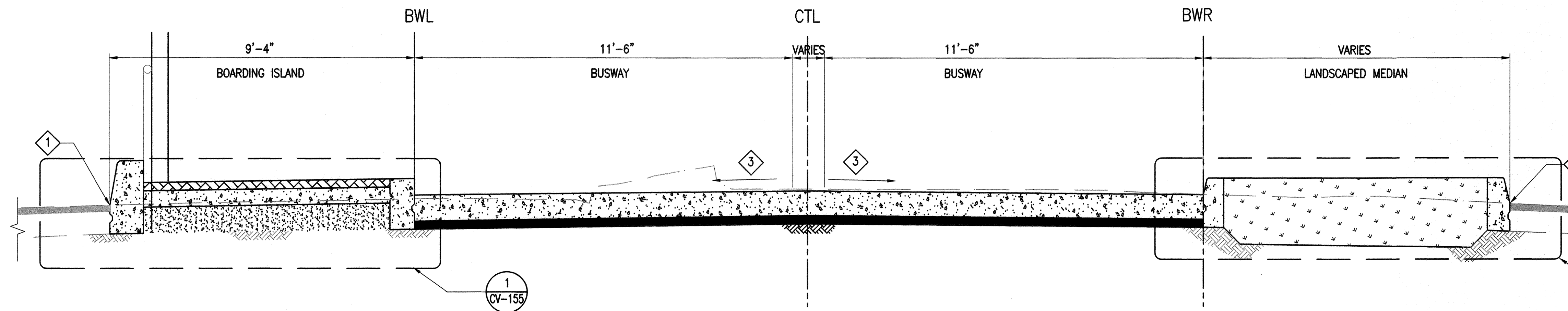
APPROVED
Vincent...
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28861
CIVIL BUSWAY, MEDIANS AND BOARDING ISLANDS CROSS SECTIONS	CV-152 CV-158	REVISION 0

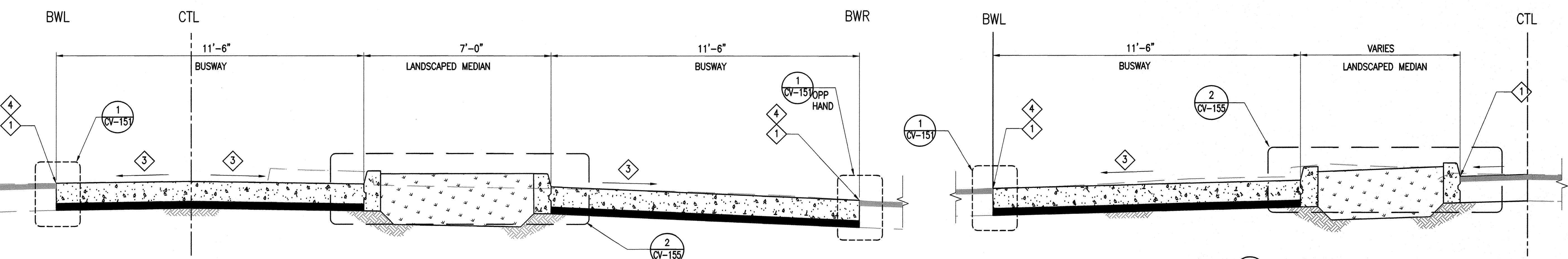


A SECTION
CV-114 NTS
CV-124

- NOTES:**
1. CONFORM TO STREET GRADE. SEE RD DRAWINGS FOR DETAILS.
 2. NEW BUSWAY SHALL BE SLOPED TO DRAIN 0.5% MINIMUM SLOPED SYMMETRICALLY ABOUT THE CENTERLINE OF VAN NESS AVENUE (CTL), UNLESS OTHERWISE NOTED.
 3. BUSWAYS BETWEEN BOARDING ISLANDS BETWEEN O'FARRELL & GEARY STREETS SHALL CONSIST OF TWO 11'-2" BUSWAYS SEPARATED BY A 1'-0" BUFFER. BUSWAYS BETWEEN BOARDING ISLANDS BETWEEN VALLEJO & GREEN STREETS SHALL CONSIST OF TWO 11'-6" BUSWAYS SEPARATED BY A 1'-0" BUFFER.
 4. INSTALL ISOLATION JOINT PER CALTRANS RSP P18, DETAIL "A".



B SECTION
CV-116 NTS
CV-119, CV-121, CV-122, CV-125



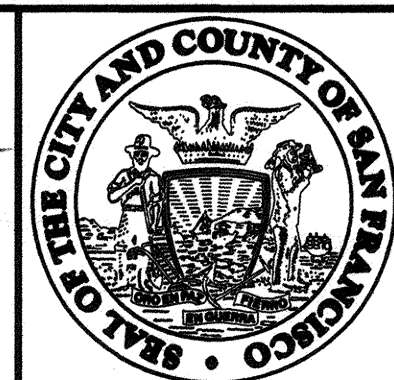
C SECTION
CV-123 NTS

D SECTION
CV-127 NTS

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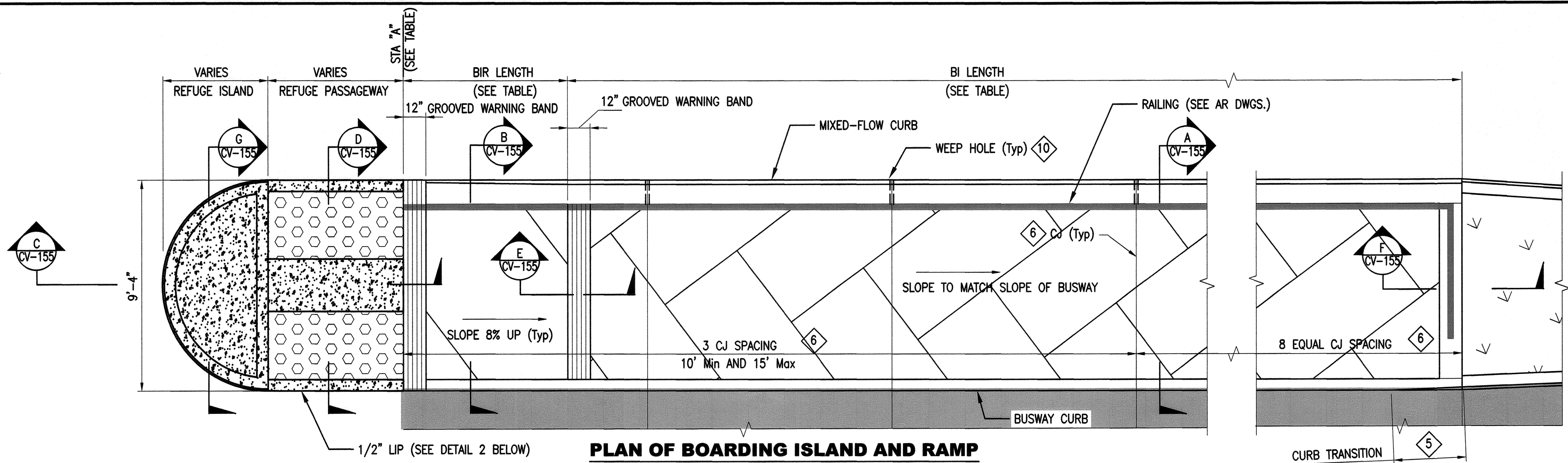
NO.	DATE	DESCRIPTION	REVISED	CHECKED	APPROVED
REVISIONS					

DESIGNED: *[Signature]*
 DRAWN: *[Signature]*
 CHECKED: *[Signature]*
 REVIEWED: *[Signature]*
 RECOMMENDED: *[Signature]*
 APPROVED: *[Signature]*
 DATE: MAY 13 2016

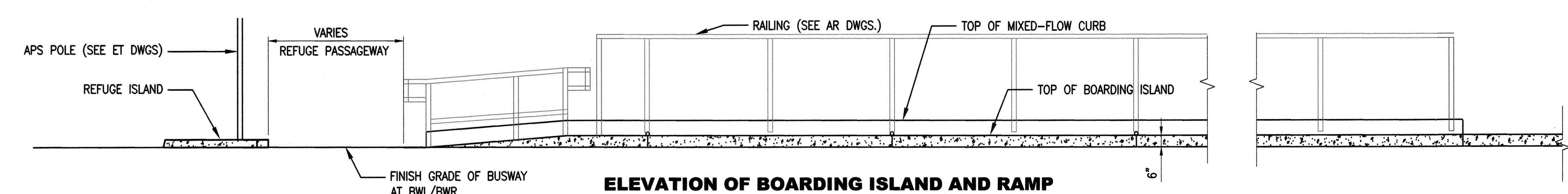


CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED: *[Signature]*
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28862
CIVIL BUSWAY, MEDIANS AND BOARDING ISLANDS CROSS SECTIONS	CV-153	REVISION
	CV-158	0



PLAN OF BOARDING ISLAND AND RAMP

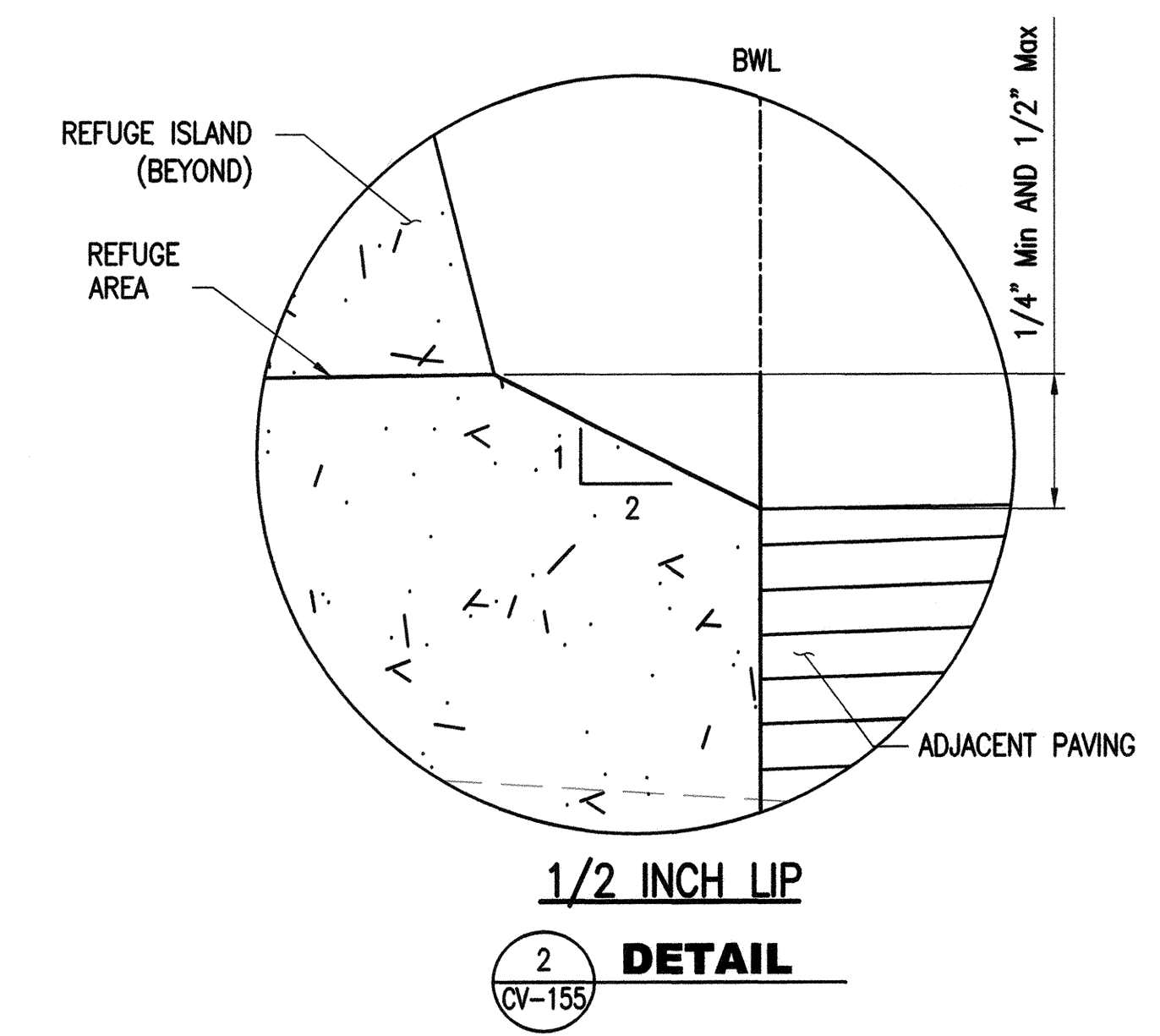


ELEVATION OF BOARDING ISLAND AND RAMP

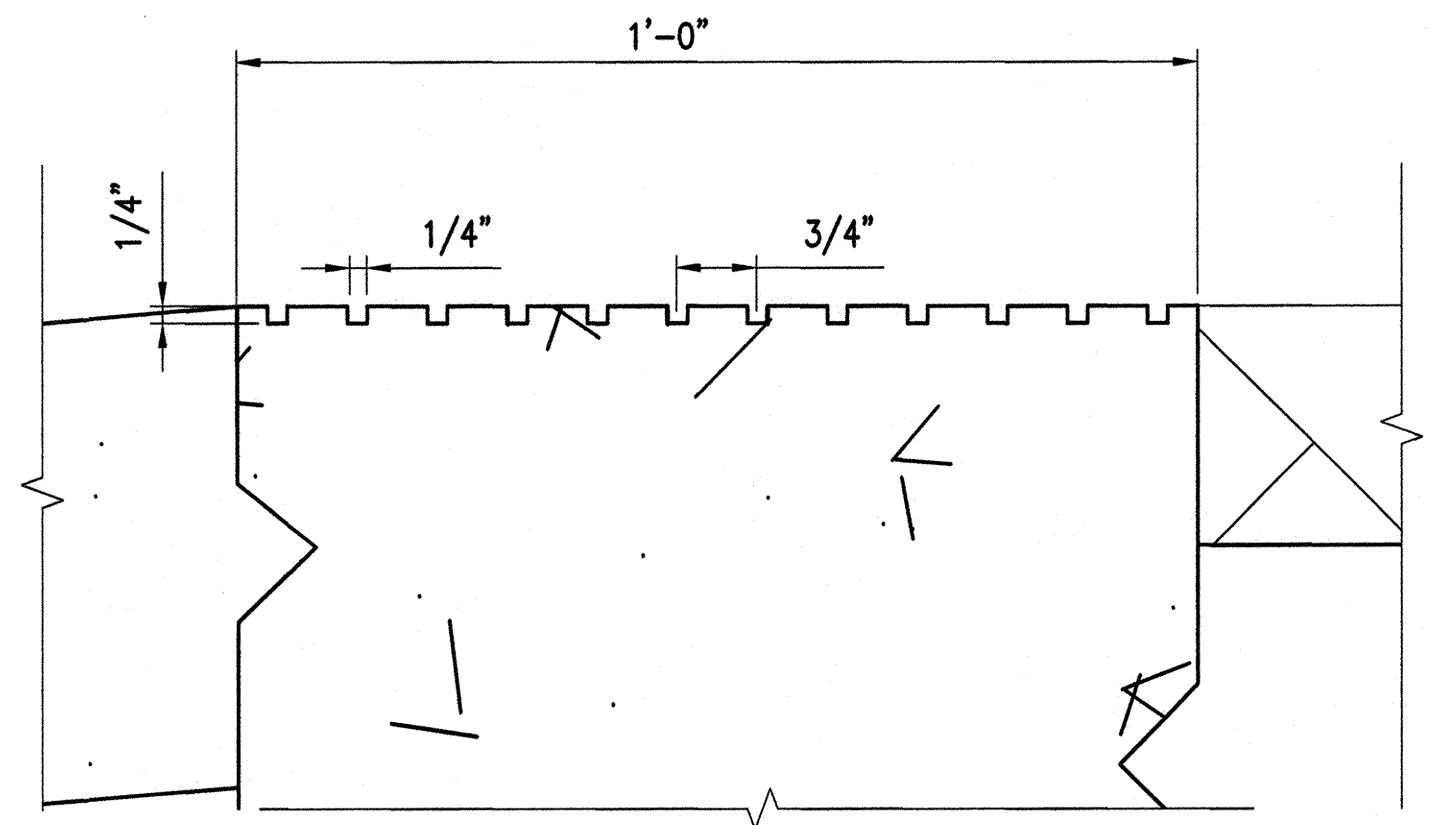
NOTES:

1. THE LENGTH OF THE RAMP AND BOARDING ISLAND SHALL BE ADJUSTED TO ACCOMMODATE THE FIELD CONDITIONS AND REQUIRED RAMP SLOPE.
2. THESE DRAWINGS SHOW INBOUND NEAR SIDE BOARDING ISLANDS AND RAMPS. INBOUND FAR SIDE, OUTBOUND NEAR SIDE AND OUTBOUND FAR SIDE BOARDING ISLANDS ARE SIMILAR.
3. BOARDING ISLAND RAMP LENGTHS ARE MEASURED HORIZONTALLY. BOARDING ISLANDS AND CONTROL JOINTS ARE MEASURED ALONG SLOPE OF STREET.
4. PITCH DIRECTION IS THE DIRECTION IN WHICH THE RAMP IS SLOPING DOWN.
5. FACE OF CURB SHALL BE UNIFORMLY TRANSITIONED FROM BATTERED TO VERTICAL IN THREE FEET.
6. CONTROL JOINTS IN BOARDING ISLAND CURBS AND LANDSCAPED MEDIAN CURBS SHALL BE COINCIDENT WITH CONTROL JOINTS IN BUSWAY PAVEMENT AND FINISH PAVER MODULES. COORDINATE LOCATION OF CONTROL JOINTS WITH AR DRAWINGS.
7. CONTROL JOINTS IN BUSWAY SHALL CONFORM TO CALTRANS STANDARD PLAN RSP P1.
8. ONE EXPANSION JOINT SHALL BE INSTALLED AT THE MIDDLE OF THE BOARDING ISLAND PERPENDICULAR TO THE DIRECTION OF VEHICULAR TRAFFIC.
9. BUSWAY ADJACENT TO BOARDING ISLAND SHALL BE REINFORCED PER CALTRANS STANDARD PLAN RSP P4.
10. WEEP HOLES SHALL BE CENTERED ON CONTROL AND EXPANSION JOINTS UNLESS OTHERWISE INDICATED ON AR DRAWINGS.
11. GROOVED WARNING BAND AT TOP OF RAMP SHALL BE INSTALLED IN SAME PLANE AS BOARDING ISLAND SURFACE. BAND AT BOTTOM OF RAMP SHALL BE INSTALLED LEVEL.
12. GROOVED WARNING BAND AT BOTTOM OF RAMP SHALL BE LEVEL.

APPROXIMATE BOARDING ISLAND RAMP (BIR) AND BOARDING ISLAND (BI) DATA					
LOCATION NORTHBOUND OR SOUTHBOUND	NEAR SIDE OR FAR SIDE	BIR LENGTH	BI LENGTH	STA "A"	BI PITCH DIRECTION
MARKET N/B	N/S	6.75'	126.00'	BWR 6+38.59	N
MARKET S/B	N/S	9.48'	126.00'	BWL 7+90.39	N
MCALLISTER N/B	N/S	5.89'	126.00'	BWR 24+49.58	N
MCALLISTER S/B	N/S	12.14'	126.00'	BWL 25+80.33	N
EDDY N/B	N/S	4.07'	126.00'	BWR 35+17.30	N
EDDY S/B	N/S	15.00'	126.00'	BWL 36+11.81	N
O'FARRELL N/B	F/S	10.86'	252.55'	BWR 42+79.68	N
O'FARRELL S/B	N/S	10.86'	252.55'	BWL 42+99.64	N
GEARY N/B	N/S	5.65'	252.55'	BWR 45+48.74	N
GEARY S/B	F/S	5.65'	252.55'	BWL 45+68.70	N
BUSH N/B	N/S	6.41'	126.00'	BWR 55+78.00	N
SUTTER S/B	N/S	10.14'	126.00'	BWL 53+31.12	N
CLAY N/B	N/S	6.08'	126.00'	BWR 69+44.97	N
SACRAMENTO S/B	N/S	11.04'	126.00'	BWL 67+13.83	N
PACIFIC N/B	N/S	15.00'	126.00'	BWR 79+14.53	S
JACKSON S/B	N/S	4.92'	126.00'	BWL 76+82.35	S
VALLEJO N/B	F/S	4.50'	126.00'	BWR 86+81.11	S
VALLEJO S/B	N/S	4.50'	126.00'	BWL 87+01.27	S
UNION N/B	N/S	15.00'	126.00'	BWR 92+93.93	S
UNION S/B	N/S	6.75'	126.00'	BWL 93+88.86	S



1/2 INCH LIP DETAIL



GROOVED WARNING BAND DETAIL

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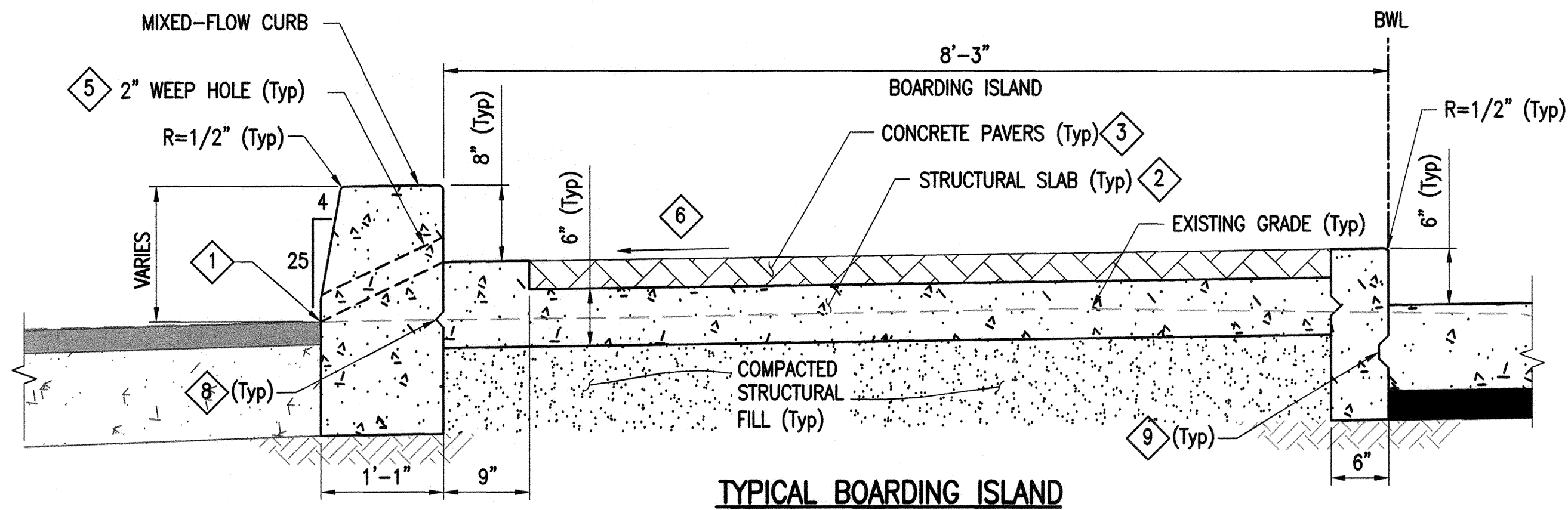
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REVISIONS					

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 DRAWN: *[Signature]*
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 REVIEWED: *[Signature]*
 RECOMMENDED: *[Signature]*
 APPROVED: *[Signature]*
 DATE: MAY 13 2016



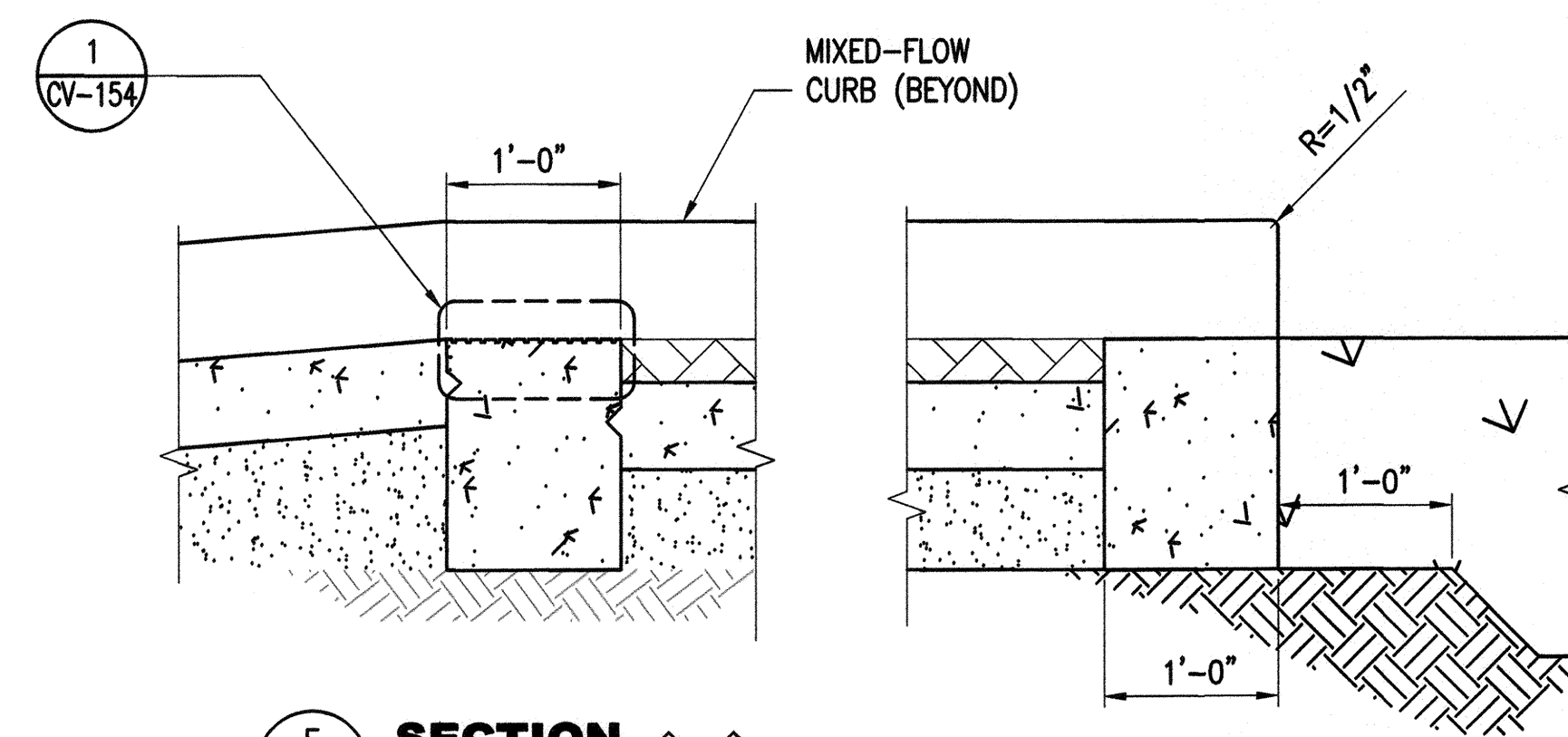
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED: *[Signature]*
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM	1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT	CL-28863
CIVIL BOARDING ISLANDS AND PEDESTRIAN REFUGES PLAN, ELEVATION AND LAYOUT DATA	CV-154
	CV-158
	0



TYPICAL BOARDING ISLAND

1 DETAIL CV-151 NTS
CV-152, CV-153
A SECTION CV-154 NTS
2 3

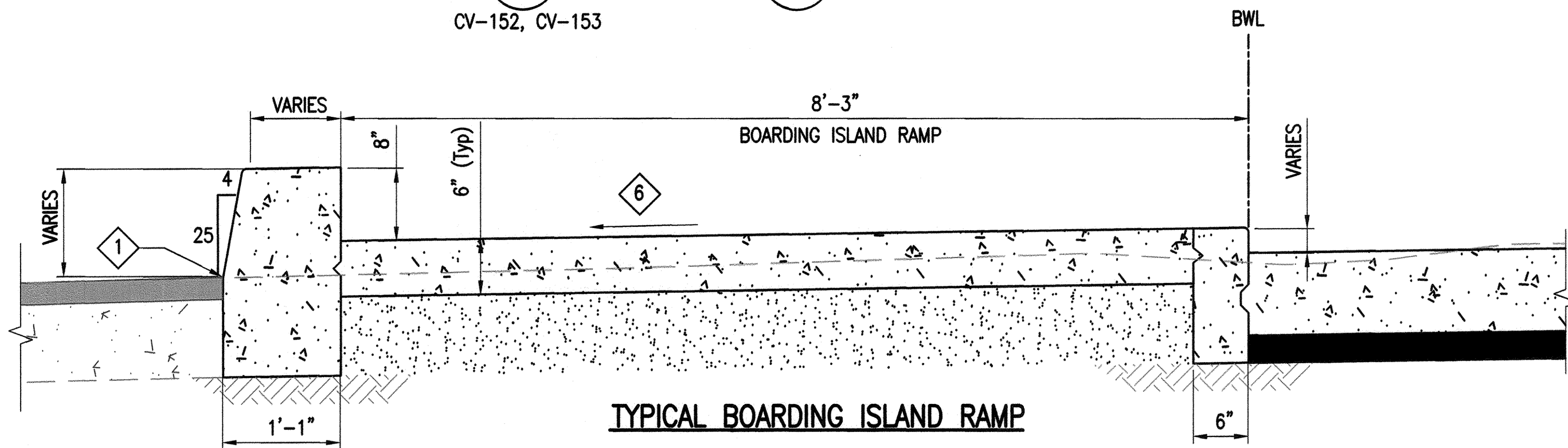


E SECTION CV-154 NTS
2 3

F SECTION CV-154 NTS
2 3

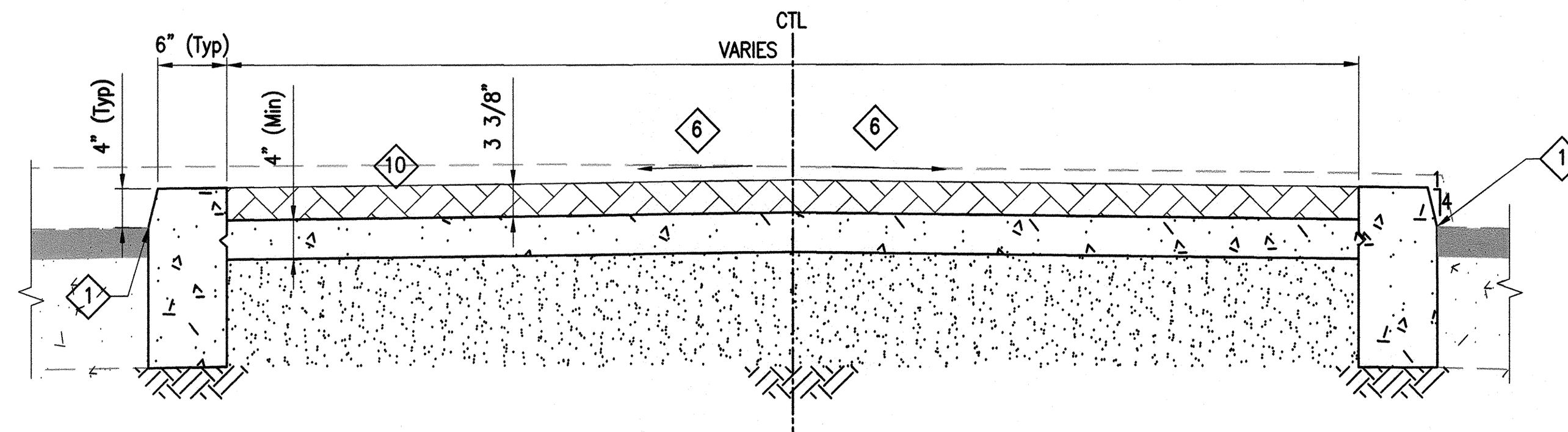
NOTES:

1. CONFORM TO EXISTING STREET GRADE. SEE RD PLANS.
2. SEE ST DRAWINGS FOR REINFORCING DETAILS.
3. SEE AR DRAWINGS FOR ARCHITECTURAL DETAILS.
4. SEE CV-156 FOR DETAILS ON DETECTABLE WARNING SURFACE DIMENSIONS.
5. WEEP HOLES SHALL BE CENTERED ON CONTROL JOINTS IN BOARDING ISLAND CURBS. SEE AR DRAWINGS FOR DETAILS.
6. SLOPE TO DRAIN MINIMUM 0.5% AND MAXIMUM 1.9%.
7. (N) APS POLE AND FOUNDATION. FOUNDATION SHALL CONFORM TO CALTRANS STANDARD PLAN ES-7A, DETAIL B. SEE ET DRAWINGS FOR DETAILS.
8. INSTALL KEY JOINT SIMILAR TO SFPWP STANDARD PLAN 87,173 DETAIL FOR TRANSVERSE JOINT.
9. INSTALL KEY JOINT SIMILAR TO SFPWP STANDARD PLAN 87,173 DETAIL FOR LONGITUDINAL JOINT.
10. SEE LA DRAWINGS FOR PAVER DETAILS ON REFUGE ISLAND.



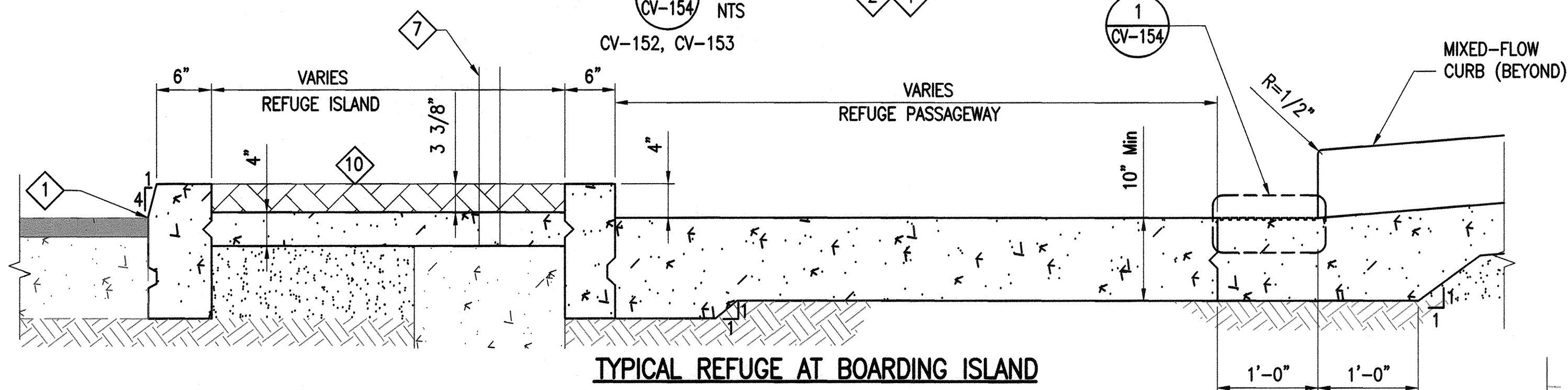
TYPICAL BOARDING ISLAND RAMP

B SECTION CV-154 NTS
2 4
CV-152, CV-153



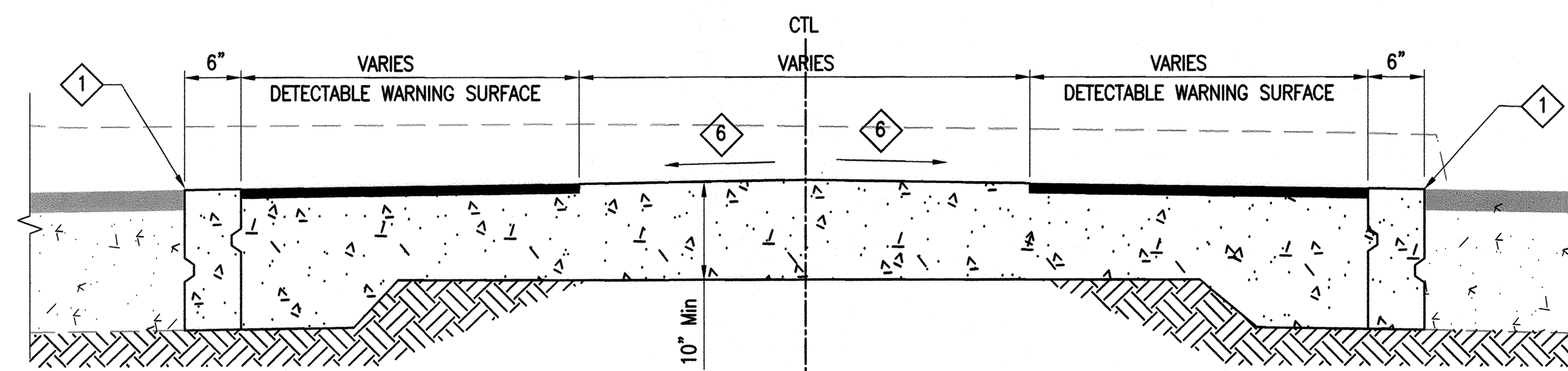
TYPICAL REFUGE ISLAND

G SECTION CV-154 NTS



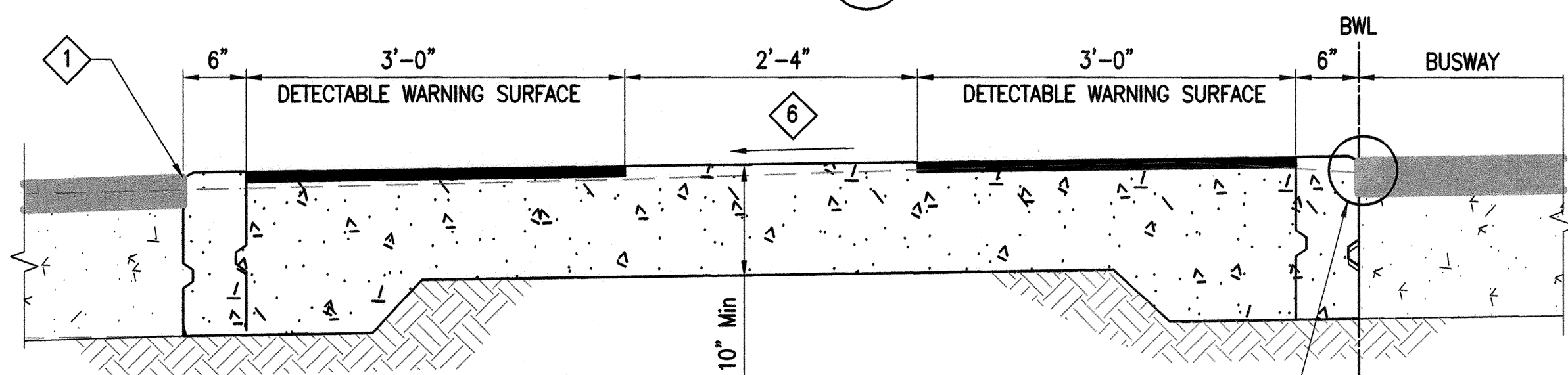
TYPICAL REFUGE AT BOARDING ISLAND

C SECTION CV-154 NTS
2



TYPICAL REFUGE PASSAGEWAY AT LANDSCAPED MEDIAN

A SECTION CV-154 NTS
4



TYPICAL REFUGE PASSAGEWAY AT BOARDING ISLAND

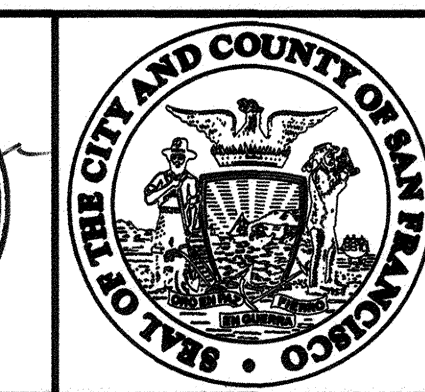
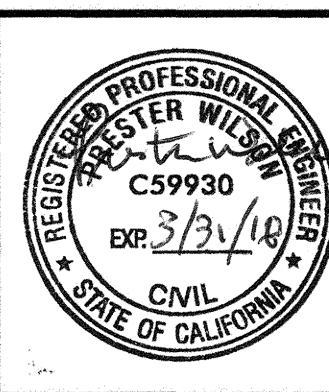
D SECTION CV-154 NTS

2
CV-154

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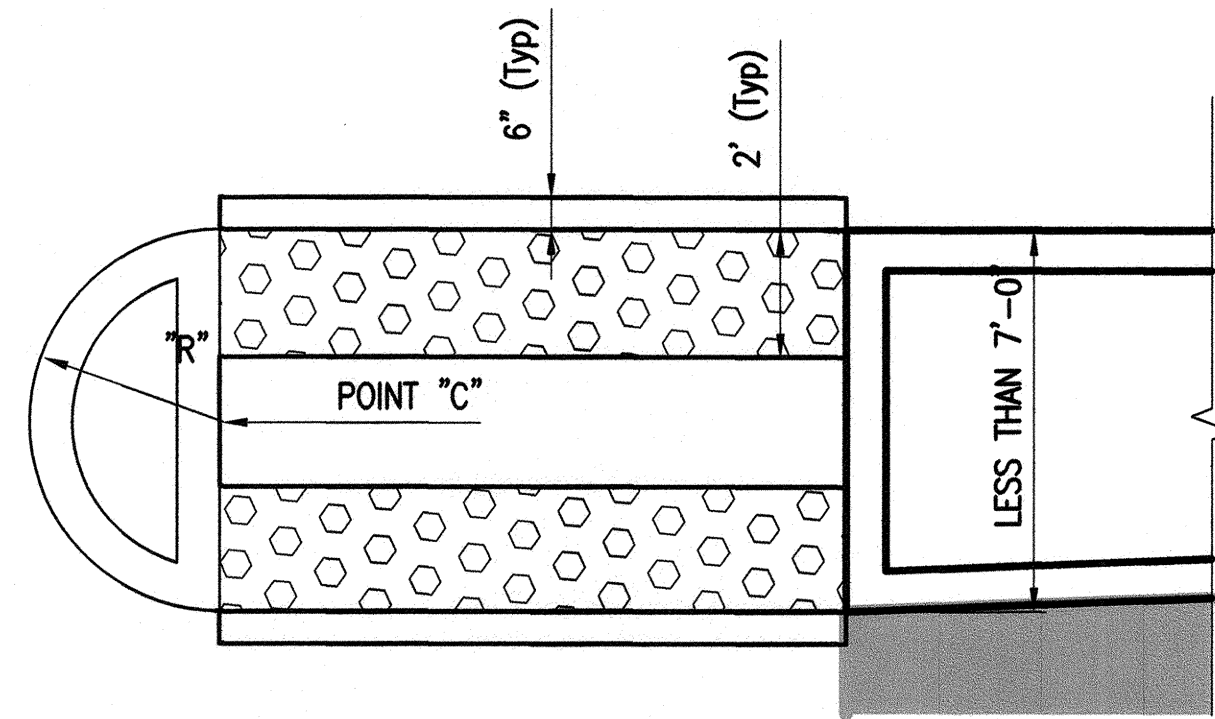
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REVISIONS					

DESIGNED: *Patricia...*
 DRAWN: *Patricia...*
 CHECKED: *Edna...*
 REVIEWED: *Mark...*
 RECOMMENDED: *Patricia...*
 APPROVED: *F. Moham...*
 DATE: MAY 13 2016

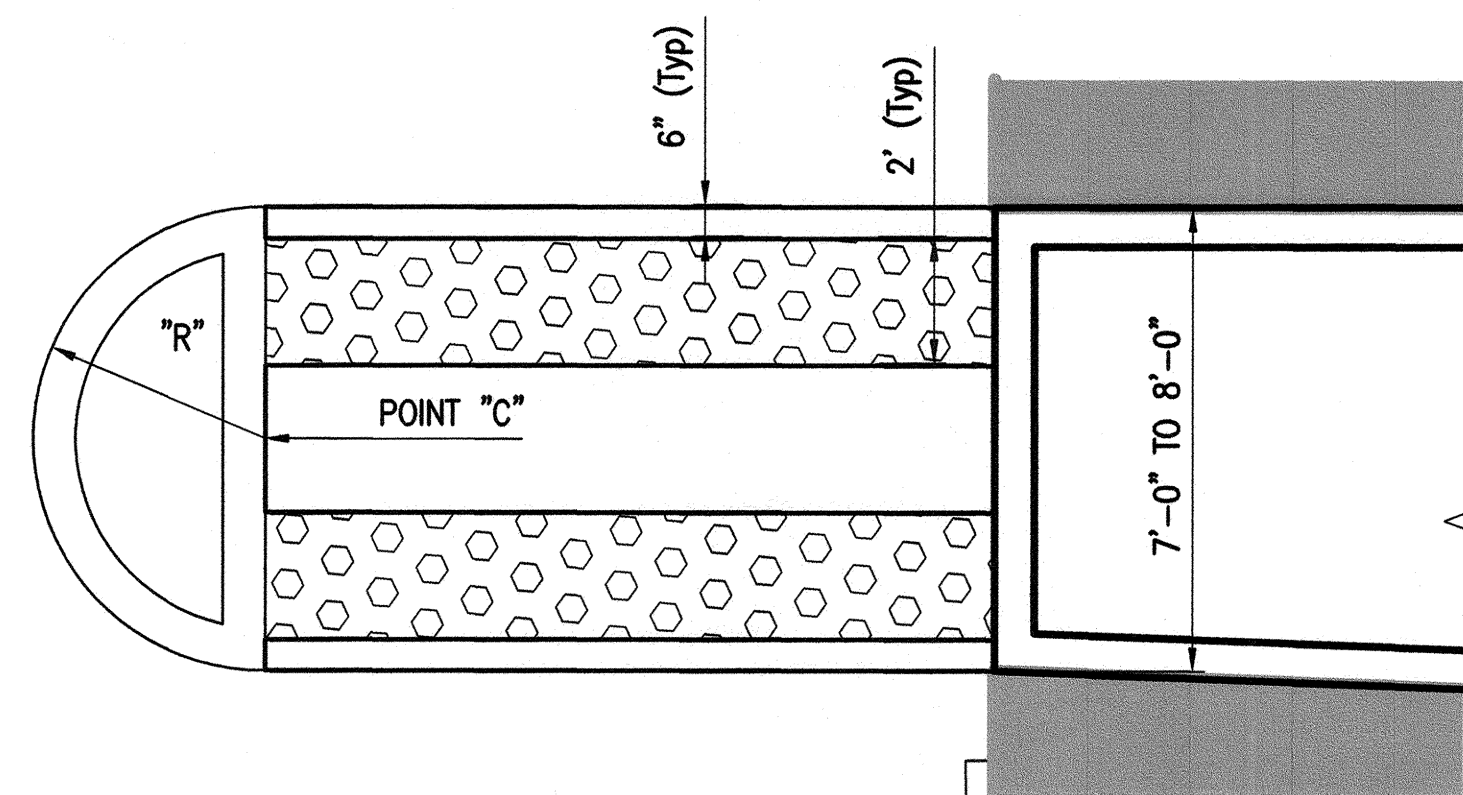


CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY
 APPROVED: *Lucretia...*
 for the DIRECTOR OF TRANSPORTATION

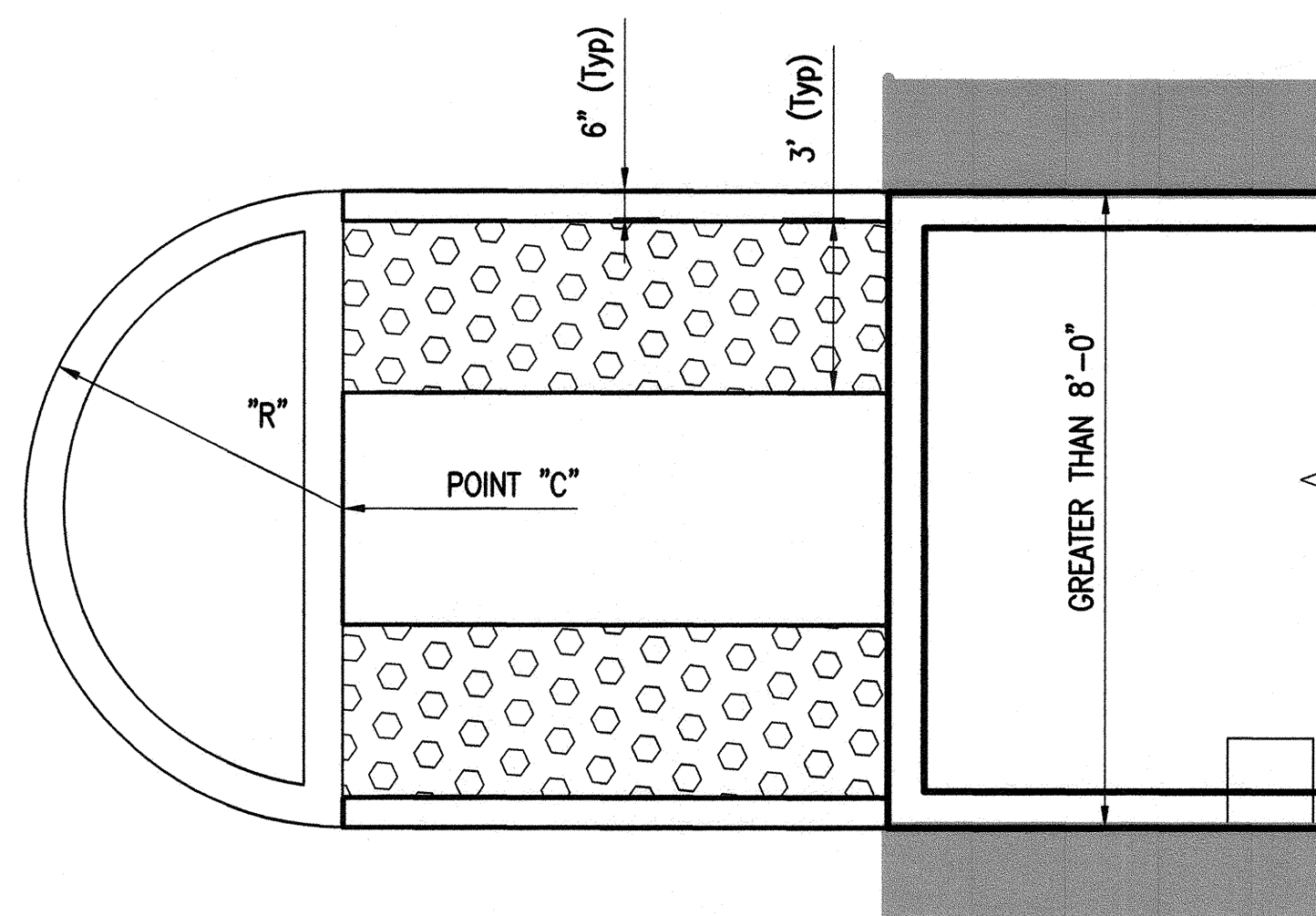
MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28864
CIVIL	CV-155	REVISION
BOARDING ISLANDS AND PEDESTRIAN REFUGES SECTIONS AND DETAILS	CV-158	0



1 DETAIL



2 DETAIL



3 DETAIL

INTERSECTION	SIDE OF STREET	POINT "C"		RADIUS (R)	NOTES
		CTL STATION	OFFSET FROM CTL		
FELL	SOUTH SIDE	123+31.10	1.50	4'-0"	SEE DETAIL 3
	NORTH SIDE	123+89.25	0.00	5'-6"	SEE DETAIL 3
HAYES	SOUTH SIDE	126+74.93	0.00	5'-6"	SEE DETAIL 3
	NORTH SIDE	127+31.02	0.00	5'-6"	SEE DETAIL 3
GROVE	SOUTH SIDE	130+16.81	0.00	5'-6"	SEE DETAIL 3
	NORTH SIDE	131+03.75	0.00	5'-6"	SEE DETAIL 3
MCALLISTER	SOUTH SIDE	136+83.43	14.66	4'-8"	SEE DETAIL 3
	NORTH SIDE	137+61.25	-14.65	4'-8"	SEE DETAIL 3
GOLDEN GATE	SOUTH SIDE	140+49.38	1.22	4'-3"	SEE DETAIL 3
	NORTH SIDE	141+07.30	0.00	5'-0"	SEE DETAIL 3
TURK	SOUTH SIDE	143+94.16	0.00	5'-0"	SEE DETAIL 3
	NORTH SIDE	144+48.98	-0.48	5'-0"	SEE DETAIL 3
EDDY	SOUTH SIDE	147+38+56	15.70	4'-8"	SEE DETAIL 3
	NORTH SIDE	147+89.47	-15.64	4'-8"	SEE DETAIL 3
ELLIS	SOUTH SIDE	150+83.34	1.92	3'-7"	SEE DETAIL 3
	NORTH SIDE	151+37.03	0.00	5'-6"	SEE DETAIL 3
O'FARRELL	SOUTH SIDE	154+28.50	2.51	3'-0"	SEE DETAIL 1
	NORTHWEST SIDE	154+81.90	-12.80	4'-8"	SEE DETAIL 3
GEARY	NORTHEAST SIDE	154+81.93	19.85	4'-8"	SEE DETAIL 3
	SOUTHWEST SIDE	157+68.23	-12.79	4'-8"	SEE DETAIL 3
POST	SOUTHEAST SIDE	157+68.22	19.90	4'-8"	SEE DETAIL 3
	NORTH SIDE	158+24.31	-13.50	3'-0"	SEE DETAIL 1
SUTTER	SOUTH SIDE	161+11.50	0.00	5'-0"	SEE DETAIL 3
	NORTH SIDE	161+70.32	0.00	5'-0"	SEE DETAIL 3
BUSH	SOUTH SIDE	164+54.99	0.89	4'-0"	SEE DETAIL 3
	NORTH SIDE	165+11.72	-16.65	4'-8"	SEE DETAIL 3
PINE	SOUTH SIDE	167+99.01	16.67	4'-8"	SEE DETAIL 3
	NORTH SIDE	168+55.93	-0.83	3'-6"	SEE DETAIL 2
CALIFORNIA	SOUTH SIDE	171+42.72	0.00	4'-6"	SEE DETAIL 3
	NORTH SIDE	171+99.48	1.50	3'-6"	SEE DETAIL 2
SACRAMENTO	SOUTH SIDE	174+88.21	0.00	5'-0"	SEE DETAIL 3
	NORTH SIDE	175+58.73	0.00	4'-6"	SEE DETAIL 3
CLAY	SOUTH SIDE	178+39.39	0.67	3'-8"	SEE DETAIL 3
	NORTH SIDE	178+89.51	-16.67	4'-8"	SEE DETAIL 3
WASHINGTON	SOUTH SIDE	181+65.85	16.68	4'-8"	SEE DETAIL 3
	NORTH SIDE	182+18.27	-0.98	4'-0"	SEE DETAIL 2
JACKSON	SOUTH SIDE	184+90.08	0.00	5'-0"	SEE DETAIL 3
	NORTH SIDE	185+38.42	0.00	5'-0"	SEE DETAIL 3
PACIFIC	SOUTH SIDE	188+14.82	1.25	3'-10"	SEE DETAIL 2
	NORTH SIDE	188+62.34	-16.67	4'-8"	SEE DETAIL 3
BROADWAY	SOUTH SIDE	191+38.43	16.67	4'-8"	SEE DETAIL 3
	NORTH SIDE	191+85.53	-1.43	3'-6"	SEE DETAIL 2
VALLEJO	SOUTH SIDE	194+69.35	6.77	3'-6"	SEE DETAIL 2
	NORTH SIDE	195+36.68	10.00	3'-6"	SEE DETAIL 2
GREEN	SOUTH SIDE	195+36.68	21.06	4'-0"	SEE DETAIL 3
	NORTHWEST SIDE	198+80.75	-13.50	4'-8"	SEE DETAIL 3
UNION	NORTHEAST SIDE	198+80.75	19.83	4'-8"	SEE DETAIL 3
	SOUTH SIDE	201+74.55	-12.57	3'-10"	SEE DETAIL 2
FILBERT	NORTH SIDE	202+20.61	-13.20	3'-8"	SEE DETAIL 2
	SOUTH SIDE	205+13.79	15.66	4'-8"	SEE DETAIL 3
GREENWICH	NORTH SIDE	205+68.23	-15.67	4'-8"	SEE DETAIL 3
	SOUTH SIDE	208+60.96	0.48	4'-6"	SEE DETAIL 3
GREENWICH	NORTH SIDE	209+09.70	0.25	5'-3"	SEE DETAIL 3
	SOUTH SIDE	212+03.38	0.38	5'-11"	SEE DETAIL 3
GREENWICH	NORTH SIDE	212+51.13	-5.51	3'-0"	SEE DETAIL 1

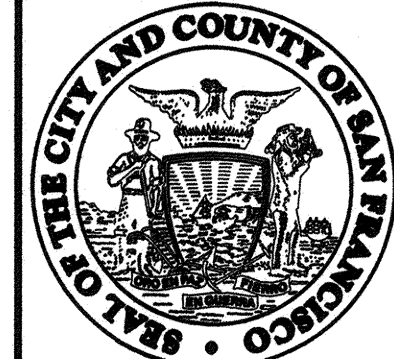
NOTES:

- SEE CV-155 FOR CONSTRUCTION DETAILS OF REFUGE ISLANDS.
- SEE CV-157 FOR ADDITIONAL PLAN AND LAYOUT DATA.
- THE STRAIGHT CURB OF THE REFUGE ISLAND SHALL BE PERPENDICULAR TO THE CONTROL LINE, UON.
- SEE CV-G1 FOR ADDITIONAL NOTES.
- DETECTABLE WARNING SURFACES SHALL BE ALIGNED ORTHOGONALLY FOR PEDESTRIANS CROSSING VAN NESS AVENUE.

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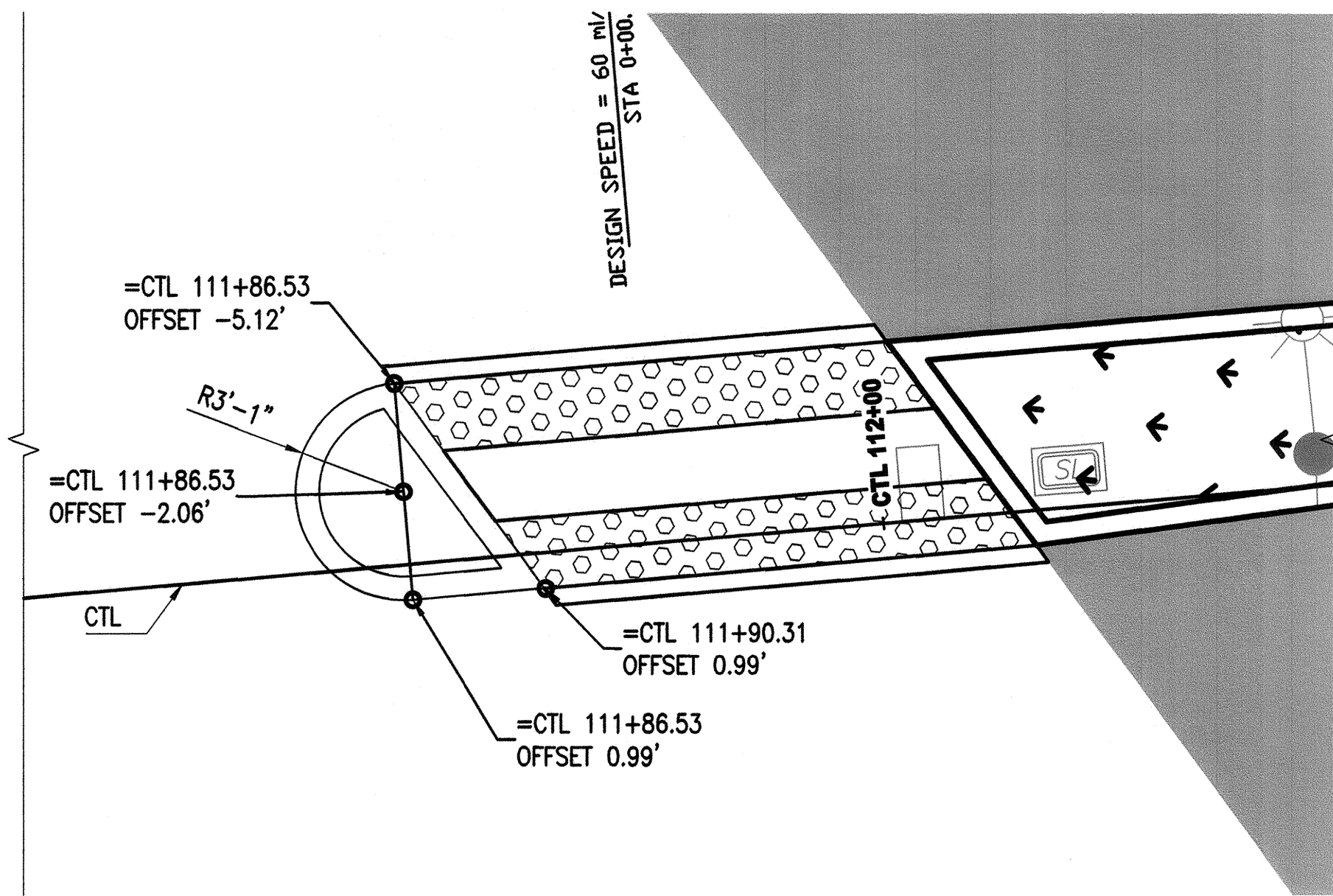
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 RECOMMENDED: *[Signature]*
 APPROVED: *[Signature]*
 DATE: MAY 13 2016



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

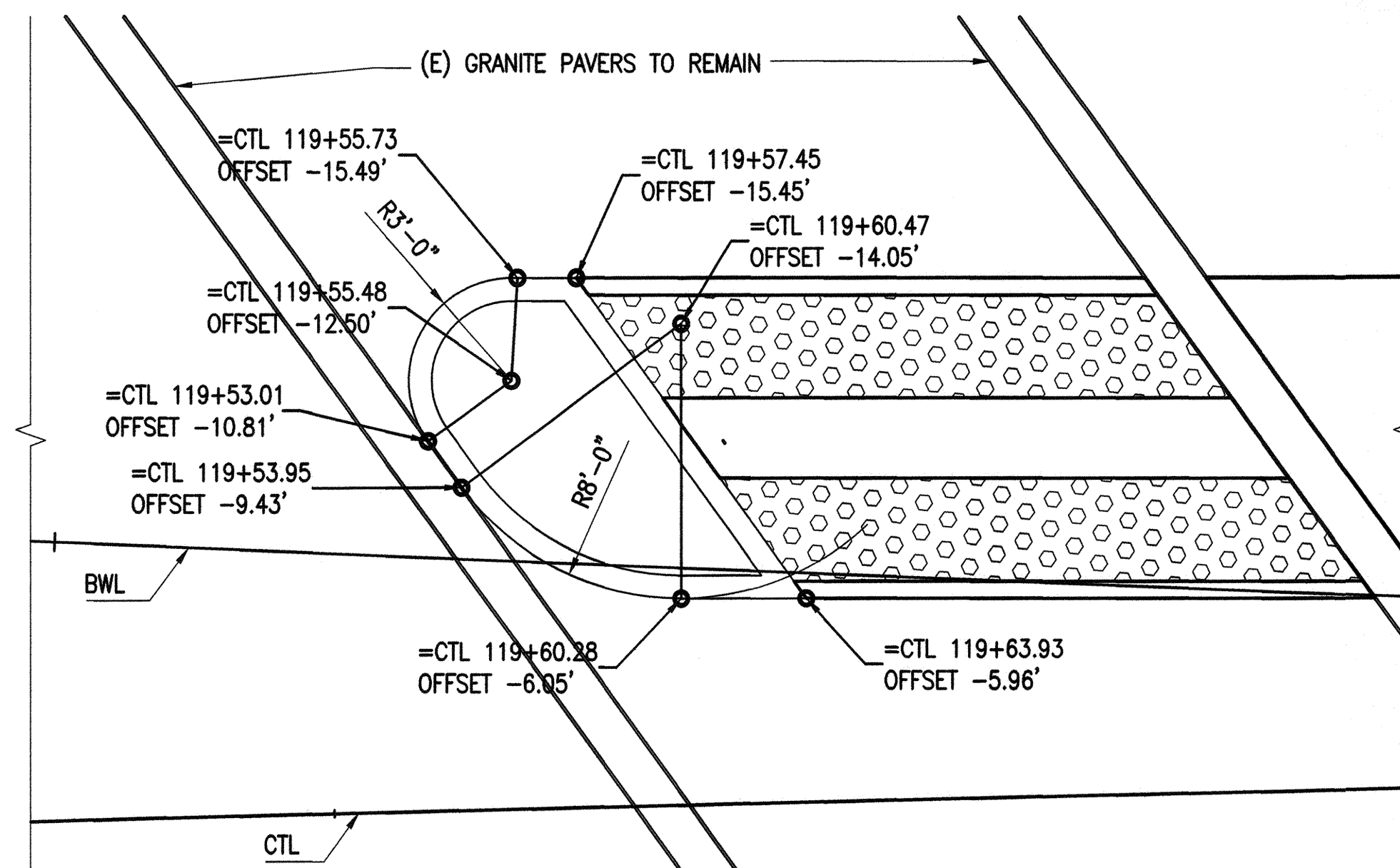
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[Signature]
 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28865
CIVIL PEDESTRIAN REFUGE ISLANDS PLAN AND LAYOUT DATA	CV-156	REVISION
	CV-158	0



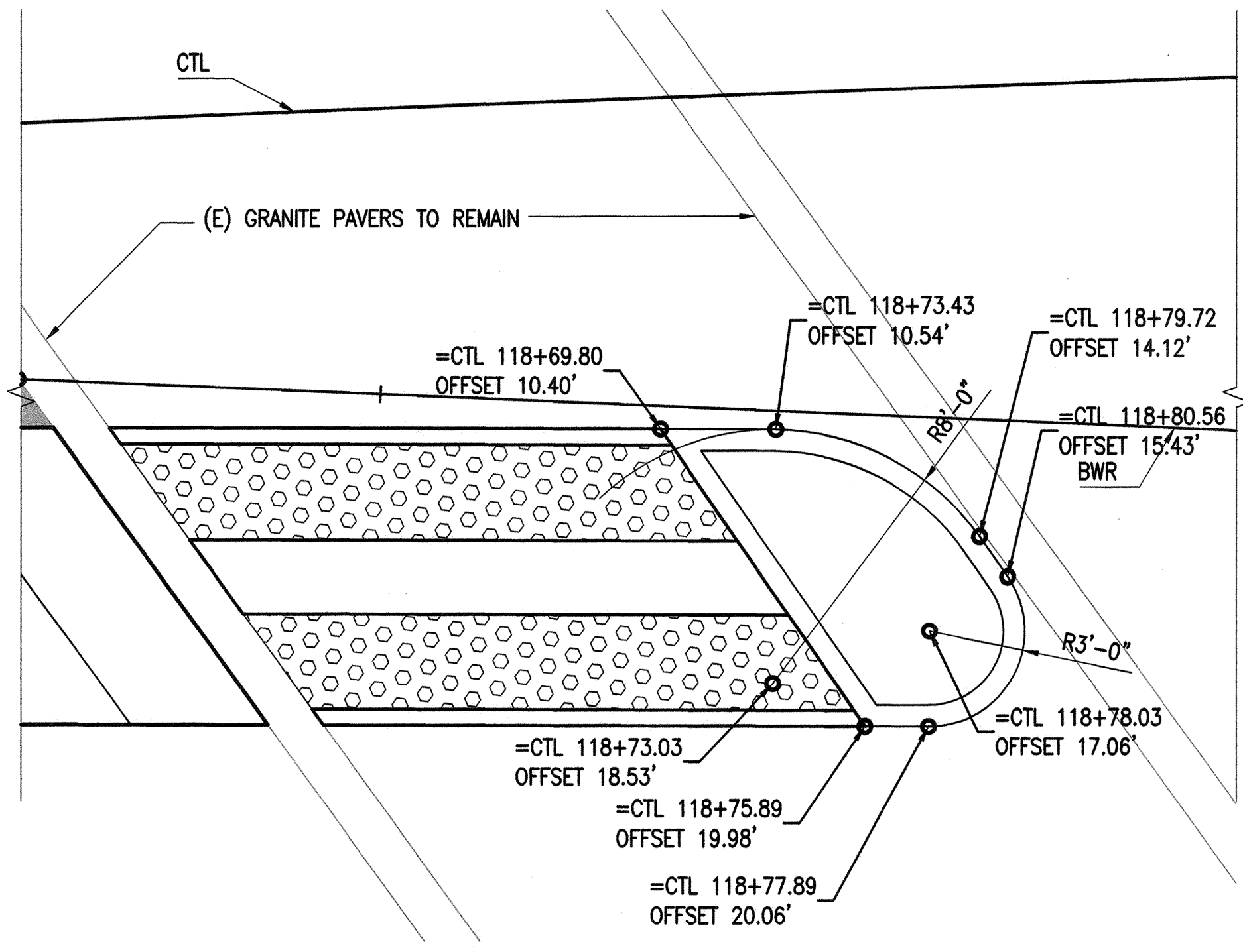
REFUGE ISLAND AT MISSION ST. (NORTH SIDE)

1
CV-103
DETAIL



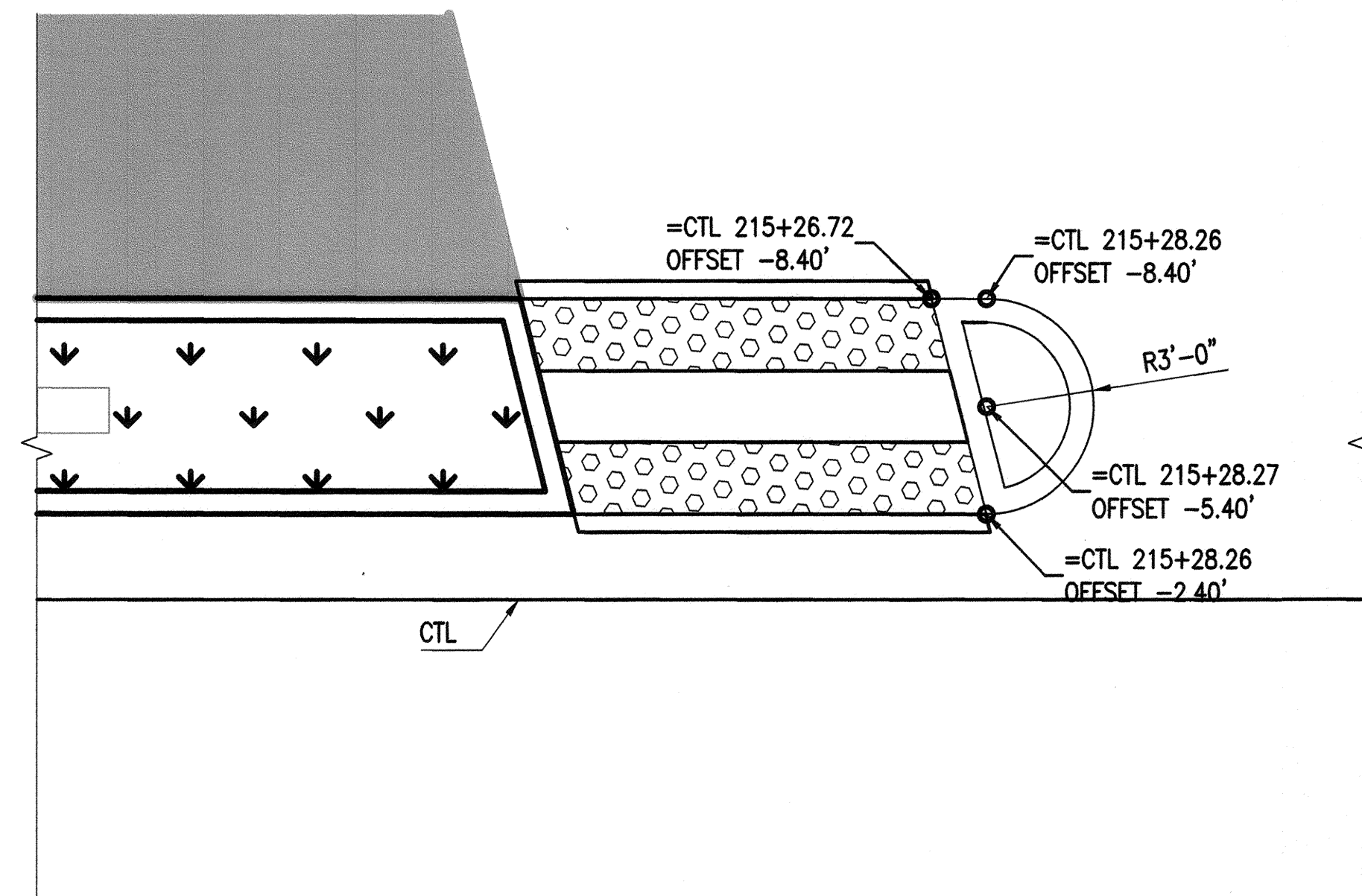
REFUGE ISLAND AT MARKET ST. (NORTH SIDE)

2
CV-105
DETAIL



REFUGE ISLAND AT MARKET ST. (SOUTH SIDE)

1
CV-105
DETAIL



REFUGE ISLAND AT LOMBARD ST. (SOUTH SIDE)

1
CV-127
DETAIL

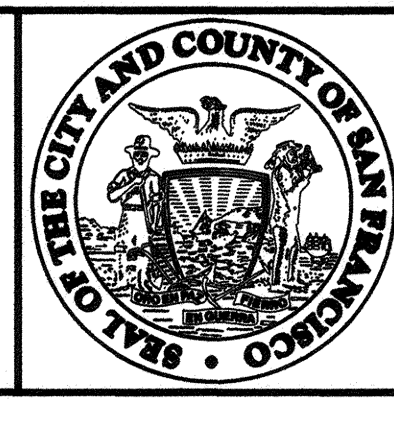
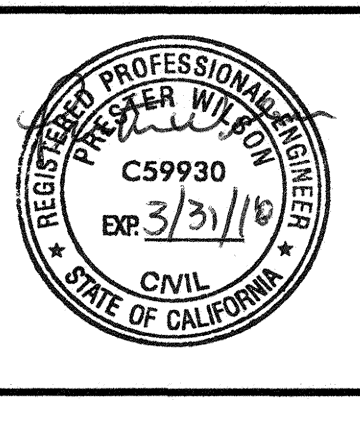
NOTES:

1. SEE CV-155 FOR CONSTRUCTION DETAILS.
2. SEE CV-156 FOR ADDITIONAL INFORMATION.

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REVISIONS					

DESIGNED	<i>[Signature]</i>
DRAWN	<i>[Signature]</i>
CHECKED	<i>[Signature]</i>
REVIEWED	<i>[Signature]</i>
RECOMMENDED	<i>[Signature]</i>
APPROVED	<i>[Signature]</i>
DATE	MAY 13 2016



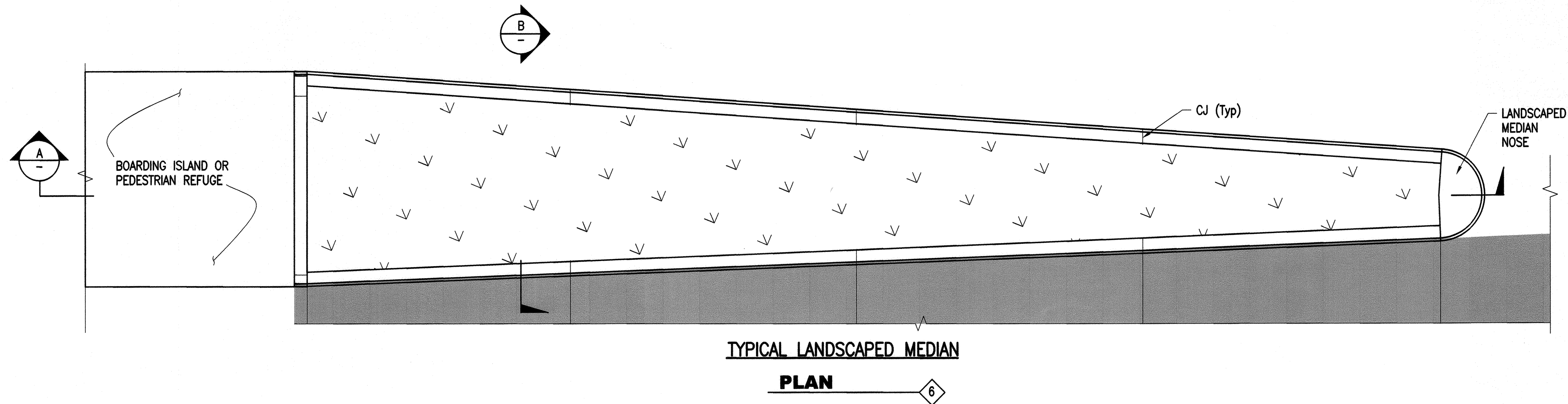
CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

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[Signature]
for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM		1289
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT		CL-28866
CIVIL MISCELLANEOUS PEDESTRIAN REFUGE ISLANDS PLAN AND LAYOUT DATA		CV-157
		CV-158
		0

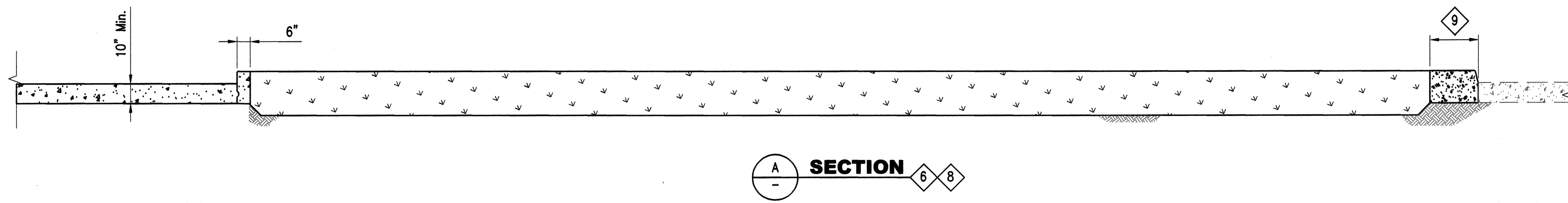
NOTES:

1. CONFORM TO EXISTING STREET GRADE. SEE RD PLANS.
2. CONTROL JOINTS IN LANDSCAPED MEDIAN CURBS SHALL BE COINCIDENT WITH CONTROL JOINTS IN ADJACENT BUSWAY PAVEMENT.
3. CONTROL JOINTS IN BUSWAY SHALL CONFORM TO CALTRANS STANDARD PLAN RSP P1.
4. SEE LA DRAWINGS FOR LANDSCAPING DETAILS.
5. LANDSCAPED MEDIAN CURBS SHALL BE CONSTRUCTED SIMILAR TO TYPE A1-6 AS SHOWN IN CALTRANS STANDARD PLAN A87A.
6. CONTRACTOR SHALL EXCAVATE WITHIN THE NEW LANDSCAPED MEDIAN CURBS WITHOUT UNDERMINING TO REMOVE CONTAMINATED MATERIALS PRIOR TO BACKFILLING.
7. ELEVATION OF CURB SHALL BE THE SAME AS THE CURB OPPOSITE ON A LINE PERPENDICULAR TO THE CONTROL LINE. CURB HEIGHT SHALL NOT EXCEED 8 INCHES.
8. SECTION SHOWS PEDESTRIAN REFUGE. SEE CV-154 FOR LANDSCAPED MEDIAN AT BOARDING ISLANDS.
9. DEPTH OF CONCRETE LANDSCAPED MEDIAN NOSE SHALL BE EQUAL TO THE RADIUS OF THE NOSE.

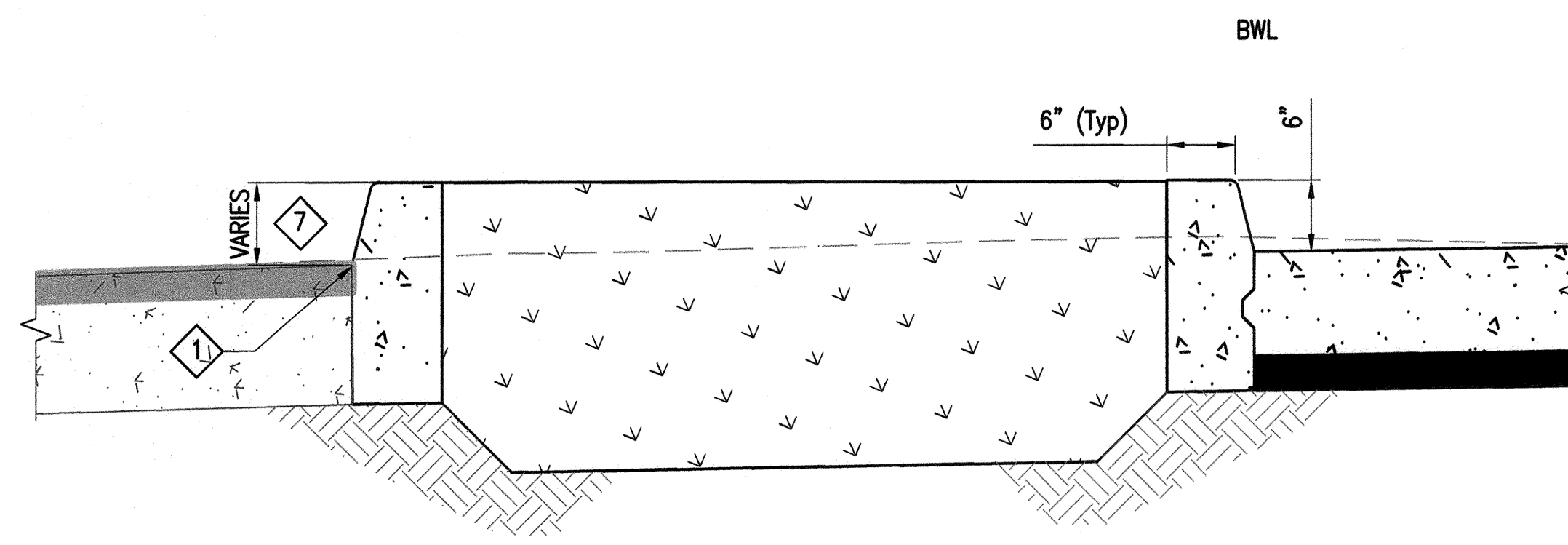


TYPICAL LANDSCAPED MEDIAN

PLAN



SECTION



SECTION

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REVISIONS					

DESIGNED: *Peter Wilson*
 DRAWN: *Peter Wilson*
 CHECKED: *Edwin Corlyb*
 REVIEWED: *Mark A. Riedrich*
 RECOMMENDED: *F. Mohamoud*
 APPROVED: *F. Mohamoud*
 DATE: MAY 13 2016



CITY AND COUNTY OF SAN FRANCISCO
MUNICIPAL TRANSPORTATION AGENCY

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 for the DIRECTOR OF TRANSPORTATION

MUNI BUS RAPID TRANSIT SYSTEM
VAN NESS CORRIDOR TRANSIT IMPROVEMENT PROJECT
 CIVIL
**TYPICAL LANDSCAPED MEDIANS
 PLAN, SECTION & DETAILS**

1289	REVISION
CL-28867	0
CV-158	
CV-158	