Regional Connector Transit Corridor
Draft Environmental Impact Statement/
Draft Environmental Impact Report

APPENDIX II

CONCEPTUAL DRAWINGS FOR BUILD ALTERNATIVES ANALYZED IN THE DRAFT EIS/EIR

State Clearinghouse Number: 2009031043

APPENDIX II: CONCEPTUAL ENGINEERING DRAWINGS

Plans and Profiles

Construction Staging Sites

Station Site Footprints

Right – of – Way

Regional Connector Transit Corridor
Draft Environmental Impact Statement/
Draft Environmental Impact Report

APPENDIX II

CONCEPTUAL ENGINEERING DRAWINGS
Plans and Profiles

State Clearinghouse Number: 2009031043

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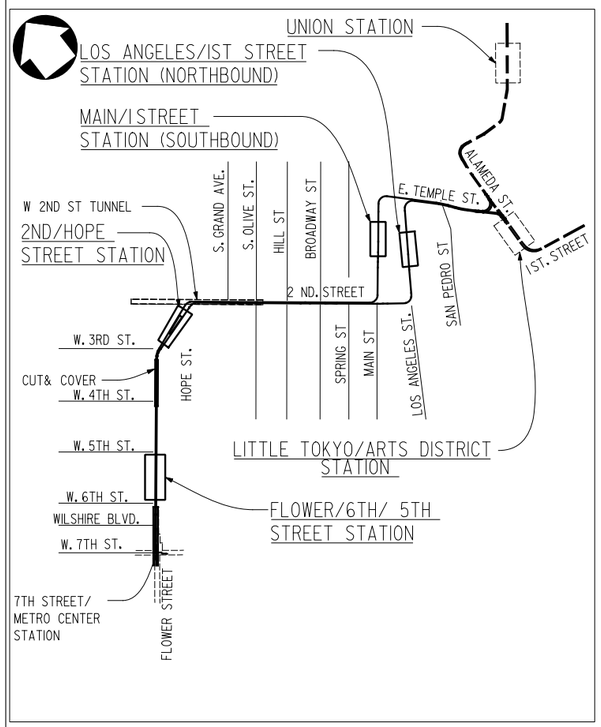
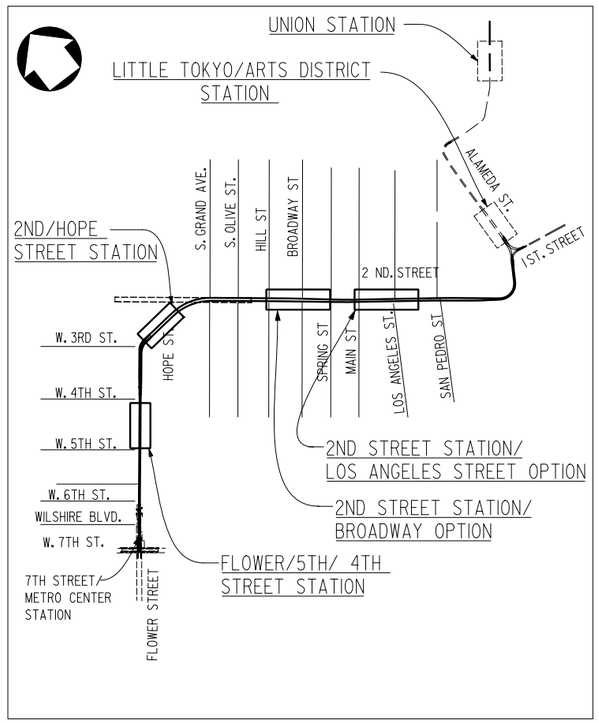
REGIONAL CONNECTOR TRANSIT CORRIDOR
DRAFT CONCEPTUAL PLANS AND PROFILES

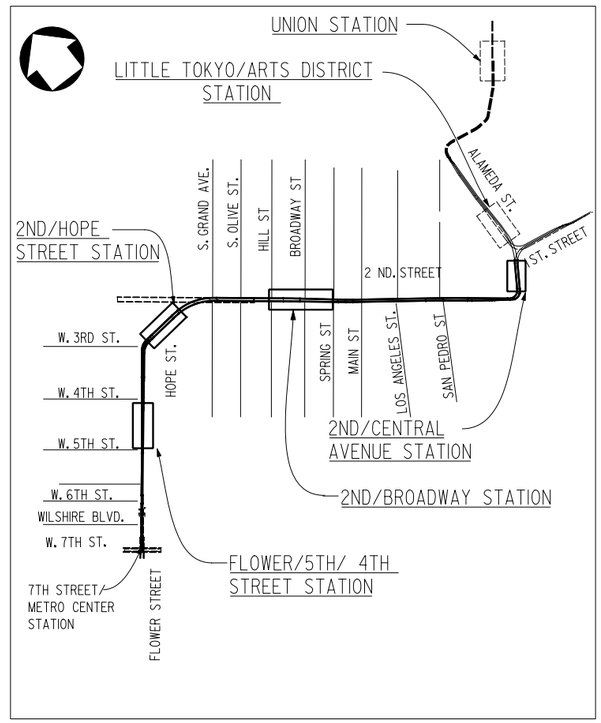
DECEMBER 18, 2009



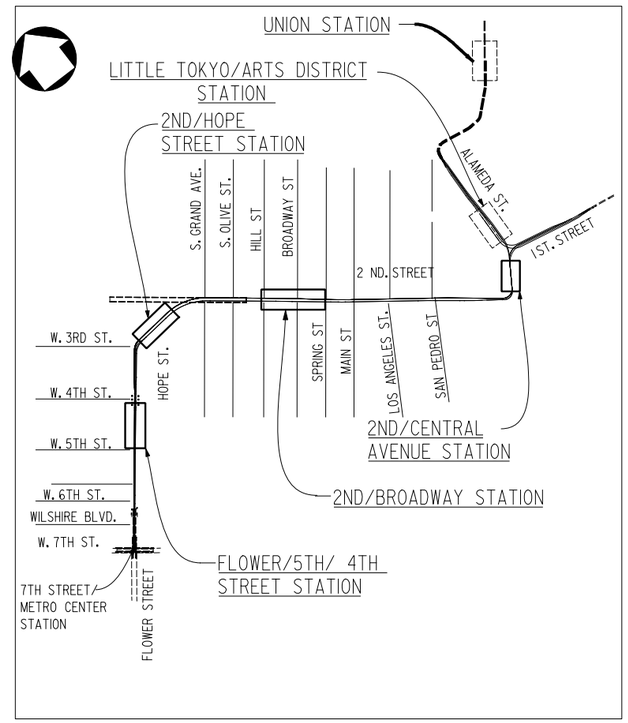
AT-GRADE EMPHASIS
LRT ALTERNATIVE



UNDERGROUND EMPHASIS
LRT ALTERNATIVE



FULLY UNDERGROUND
LRT ALTERNATIVE
LITTLE TOKYO VARIATION 1



FULLY UNDERGROUND
LRT ALTERNATIVE
LITTLE TOKYO VARIATION 2

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INDEX OF DRAWINGS

DWG NUMBER	NAME
GC-000	COVER SHEET
GC-001	INDEX OF DRAWINGS, SHEET 1 OF 2
GC-002	INDEX OF DRAWINGS, SHEET 2 OF 2
GC-003	KEY MAP FOR AT-GRADE EMPHASIS LRT ALTERNATIVE
GC-004	KEY MAP FOR UNDERGROUND EMPHASIS LRT ALTERNATIVE
GC-005	KEY MAP FOR FULLY UNDERGROUND LRT ALTERNATIVE LITTLE TOKYO VARIATION 1
GC-006	KEY MAP FOR FULLY UNDERGROUND LRT ALTERNATIVE LITTLE TOKYO VARIATION 2
	AT-GRADE EMPHASIS LRT ALTERNATIVE
C-101	PLAN AND PROFILE STA 0+00 TO STA 25+00
C-102	PLAN AND PROFILE STA 25+00 TO STA 45+00
C-103	PLAN AND PROFILE STA 40+00 TO STA 65+00
C-104	PLAN AND PROFILE STA 65+00 TO STA 78+00
C-105	PLAN AND PROFILE STA 78+00 TO STA 101+00
C-106	ALAMEDA ST. UNDERPASS AT TEMPLE ST. PLAN AND PROFILE
	UNDERGROUND EMPHASIS LRT ALTERNATIVE
C-301	PLAN AND PROFILE STA 0+00 TO STA 24+00
C-302	PLAN AND PROFILE STA 24+00 TO STA 40+00
C-303	PLAN AND PROFILE STA 40+00 TO STA 65+00
C-304	PLAN AND PROFILE STA 65+00 TO STA 86+00
C-305	TEMPORARY CONSTRUCTION SHAFT CUT AND COVER STRUCTURE
C-306	ALAMEDA ST. UNDERPASS AT 1ST. ST. PLAN AND PROFILE

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ADV. CONCEPTUAL ENGINEERING

INDEX OF DRAWINGS

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SCALE
SHEET NO

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INDEX OF DRAWINGS (CONTINUATION)

DWG NUMBER	NAME
	FULLY UNDERGROUND LRT ALTERNATIVE LITTLE TOKYO VARIATION 1
C-401	PLAN AND PROFILE STA 0+00 TO STA 24+00
C-402	PLAN AND PROFILE STA 24+00 TO STA 40+00
C-403	PLAN AND PROFILE STA 40+00 TO STA 65+00
C-404	PLAN AND PROFILE STA 65+00 TO STA 87+00
C-405	PLAN AND PROFILE STA 87+00 TO STA 99+70.38

DWG NUMBER	NAME
	FULLY UNDERGROUND LRT ALTERNATIVE LITTLE TOKYO VARIATION 2
C-501	PLAN AND PROFILE STA 0+00 TO STA 24+00
C-502	PLAN AND PROFILE STA 24+00 TO STA 40+00
C-503	PLAN AND PROFILE STA 40+00 TO STA 65+00
C-504	PLAN AND PROFILE STA 65+00 TO STA 87+00
C-505	PLAN AND PROFILE STA 87+00 TO STA 99+75.01

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INDEX OF DRAWINGS
SHEET 2 OF 2

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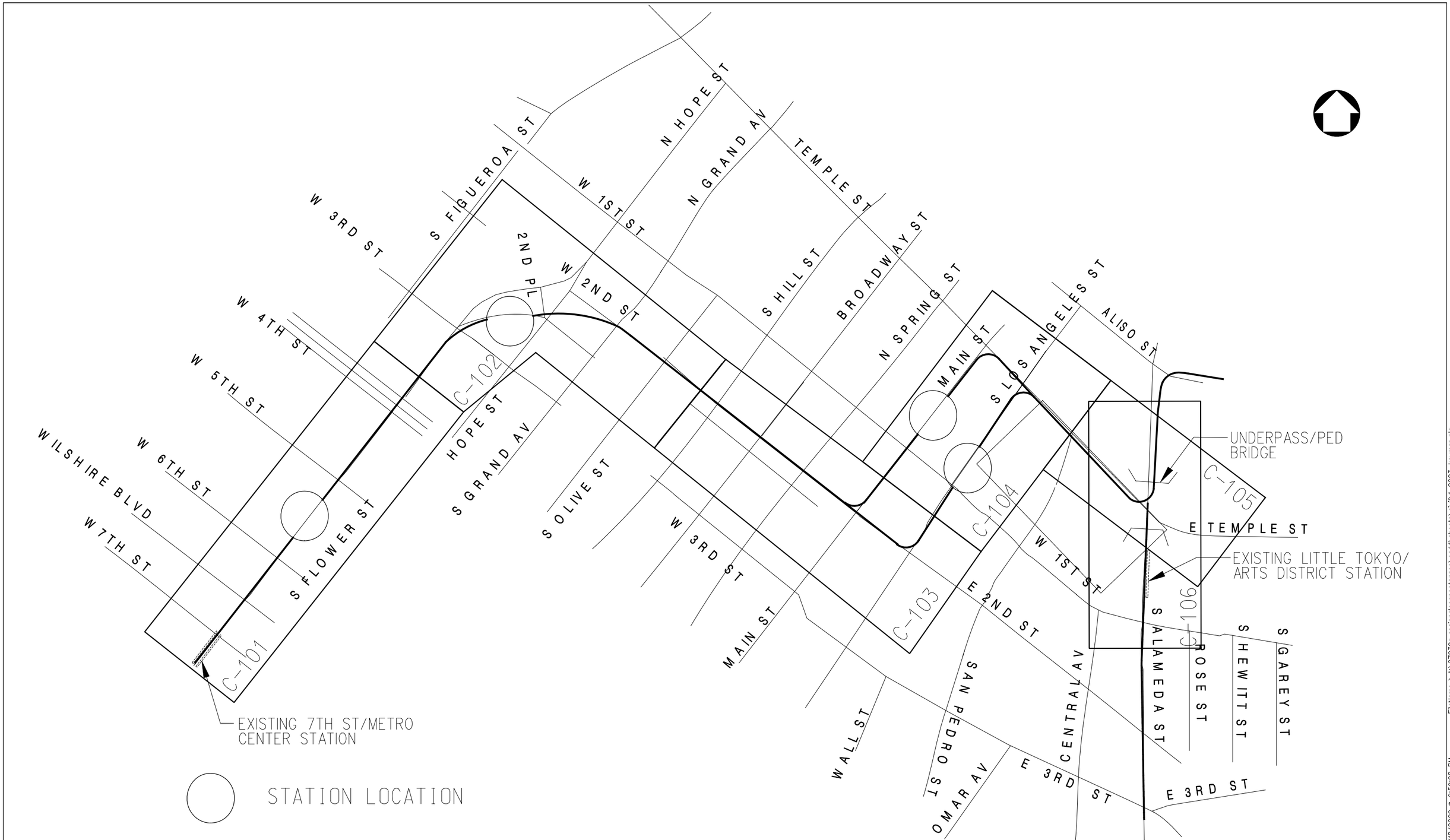

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KEY MAP FOR AT-GRADE EMPHASIS
LRT ALTERNATIVE

CONTRACT NO
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REV
SCALE
SHEET NO

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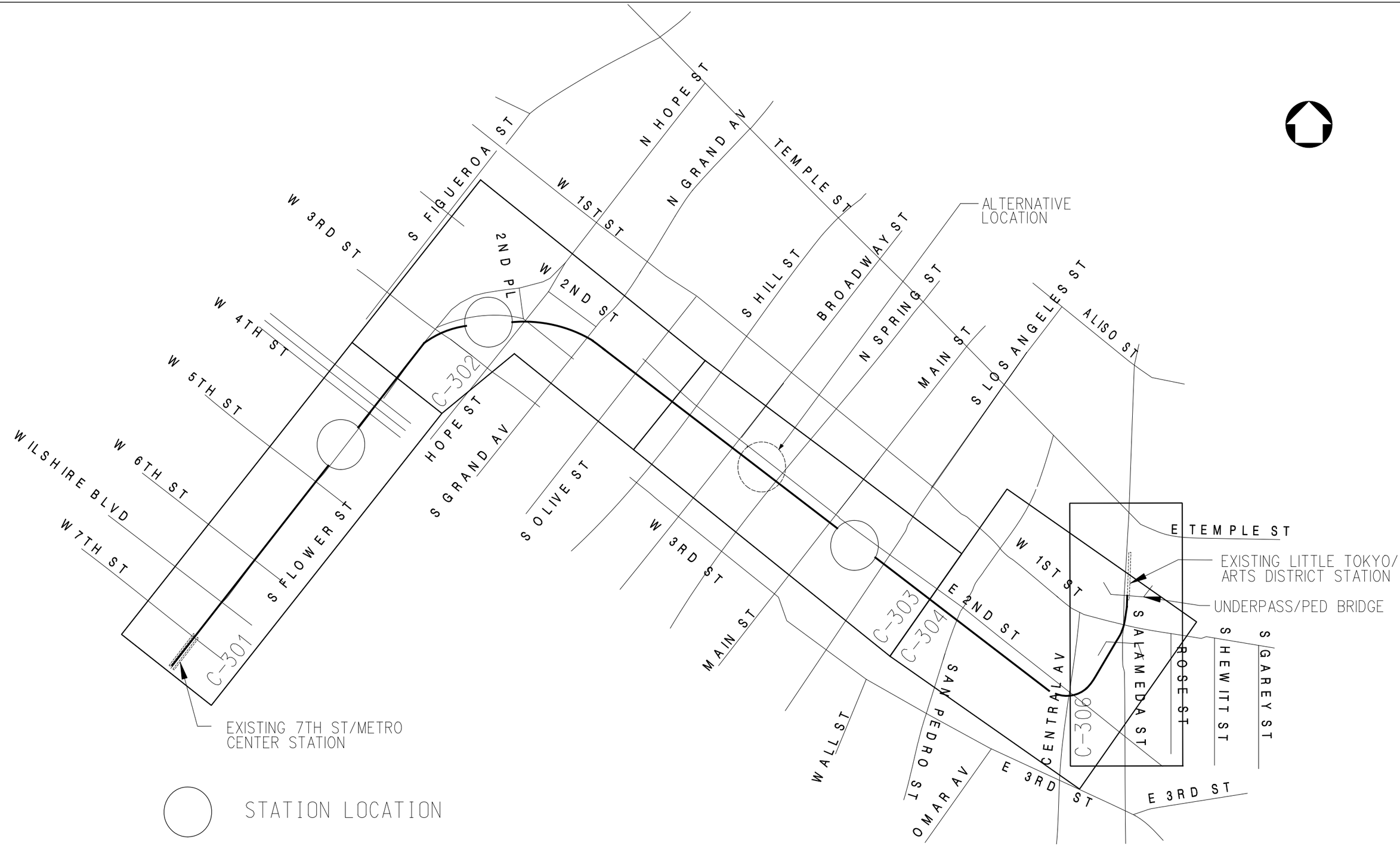

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KEY MAP FOR UNDERGROUND EMPHASIS LRT ALTERNATIVE

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SCALE
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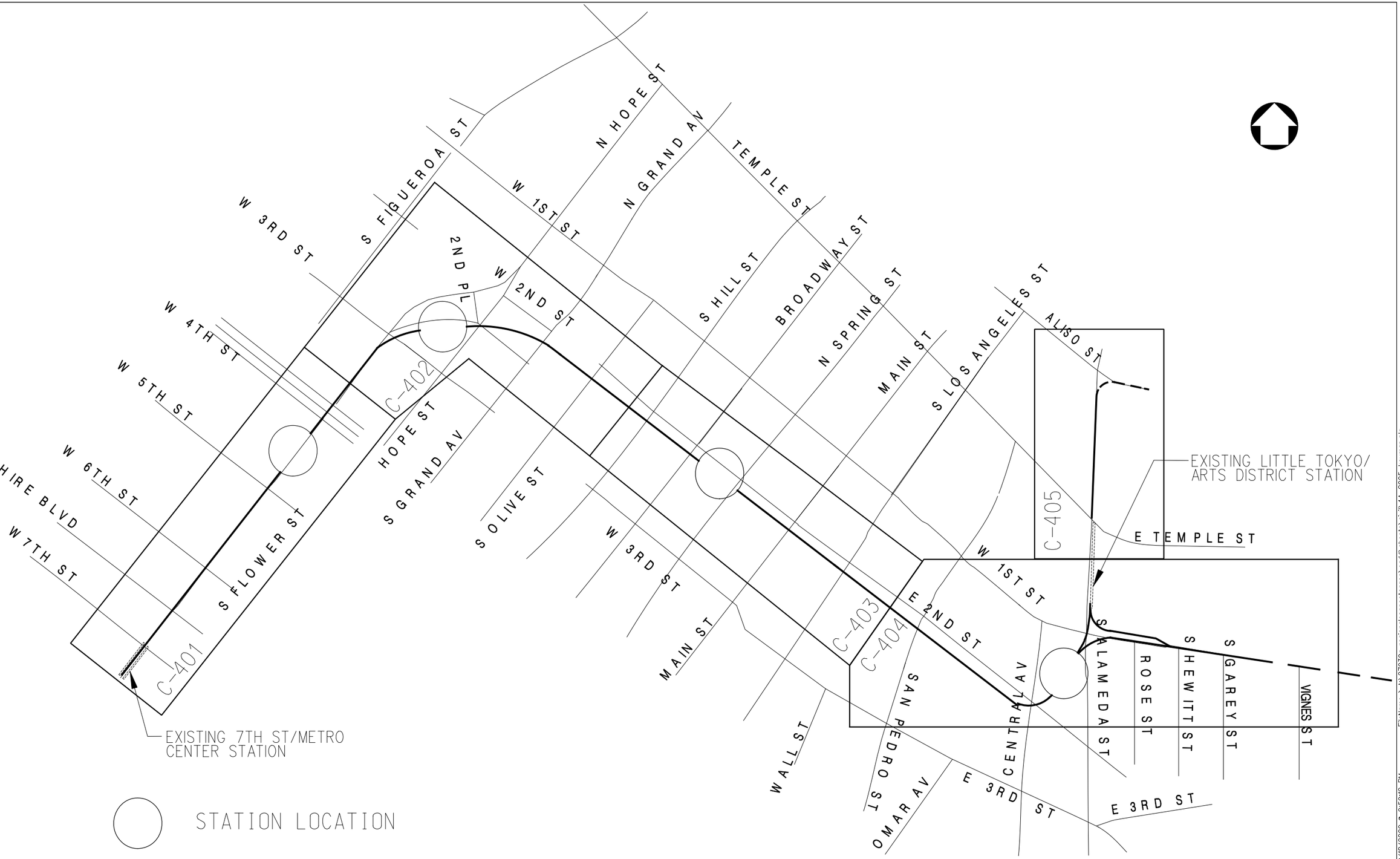

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KEY MAP FOR FULLY UNDERGROUND
LRT ALTERNATIVE
LITTLE TOKYO VARIATION 1

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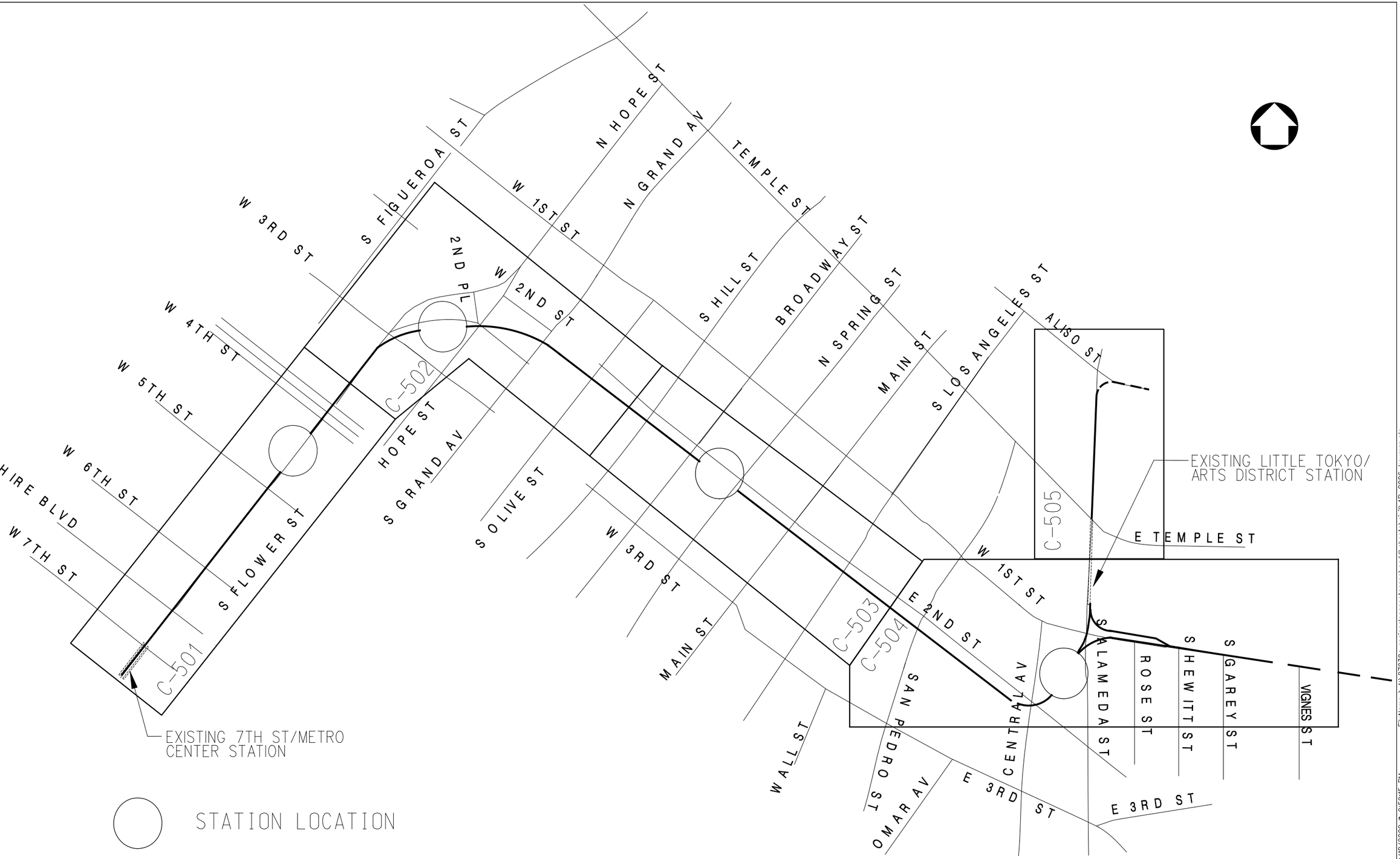

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KEY MAP FOR FULLY UNDERGROUND
LRT ALTERNATIVE
LITTLE TOKYO VARIATION 2

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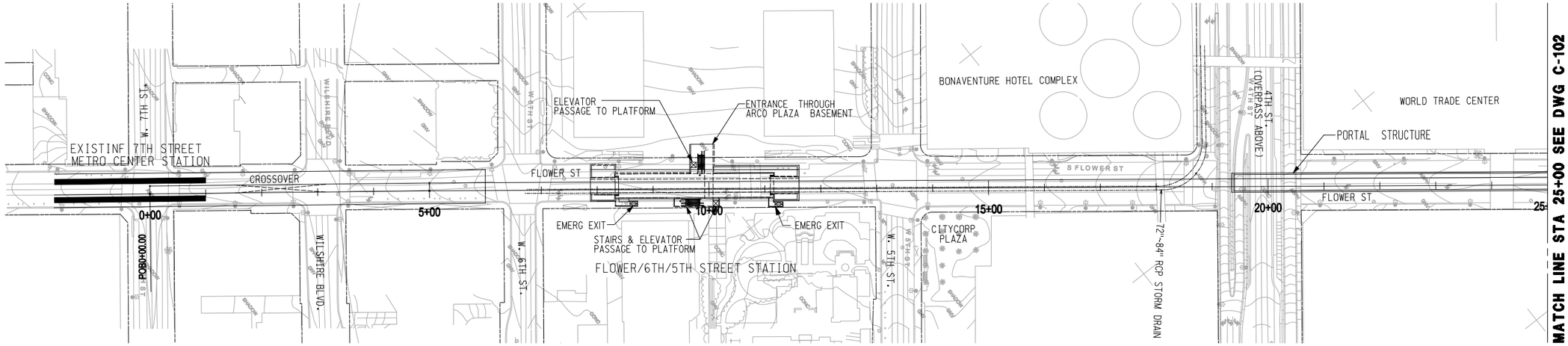

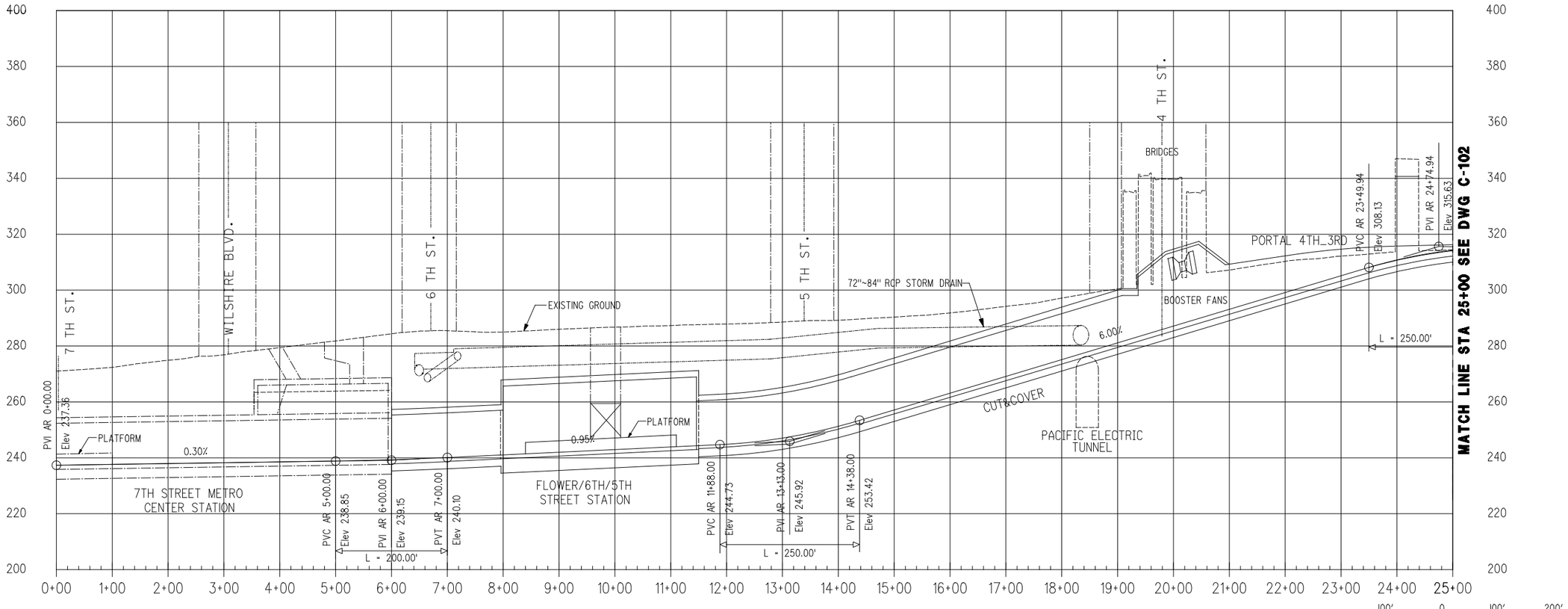

NOTES:
1. FOR LINE CUT&COVER SECTIONS SEE DWGS. C-130, C-131, C-132, C-133 & C-134
2. FOR FLOWER/6TH_5TH STATION SEE DWG. A1-001

HORIZ 100' 0 100' 200'

VERT 20' 0 20' 40'

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REGIONAL CONNECTOR TRANSIT CORRIDOR
ADV. CONCEPTUAL ENGINEERING
AT-GRADE EMPHASIS
LRT ALTERNATIVE
PLAN AND PROFILE
STA 0+00 TO STA 25+00

CONTRACT NO
DRAWING NO C-101
REV
SCALE 1"=100
SHEET NO

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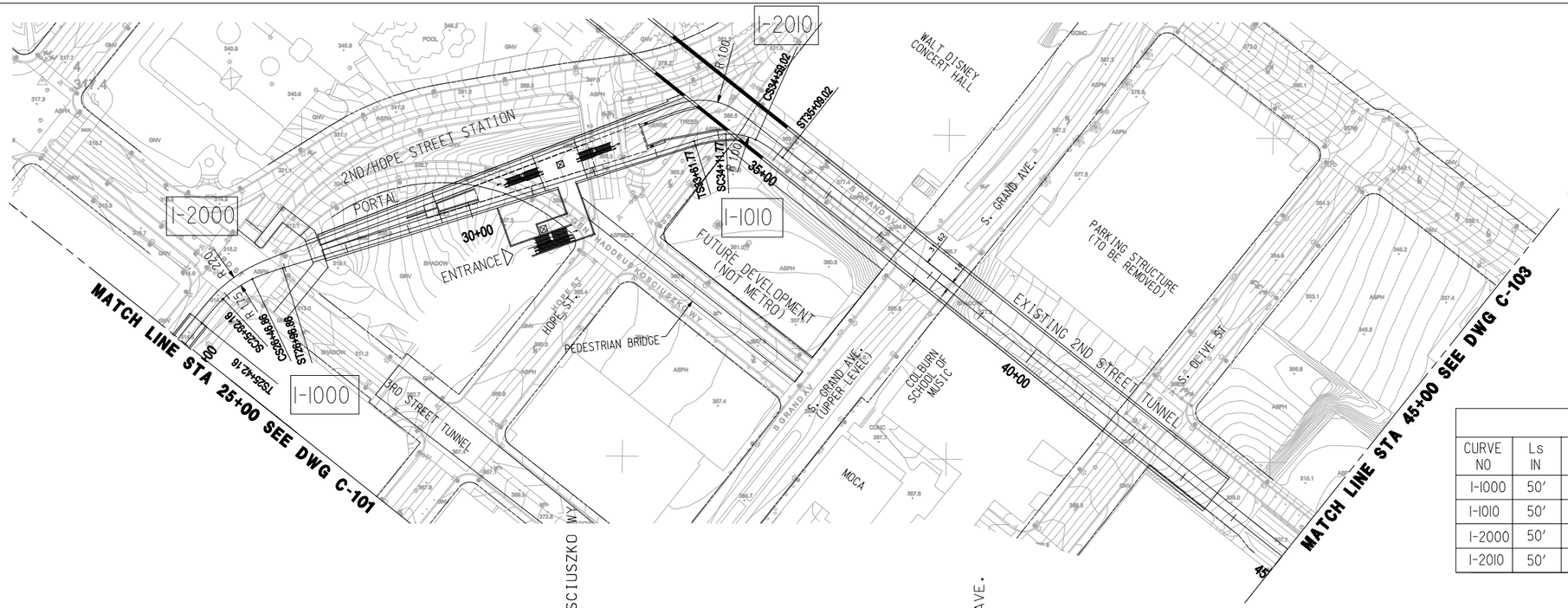
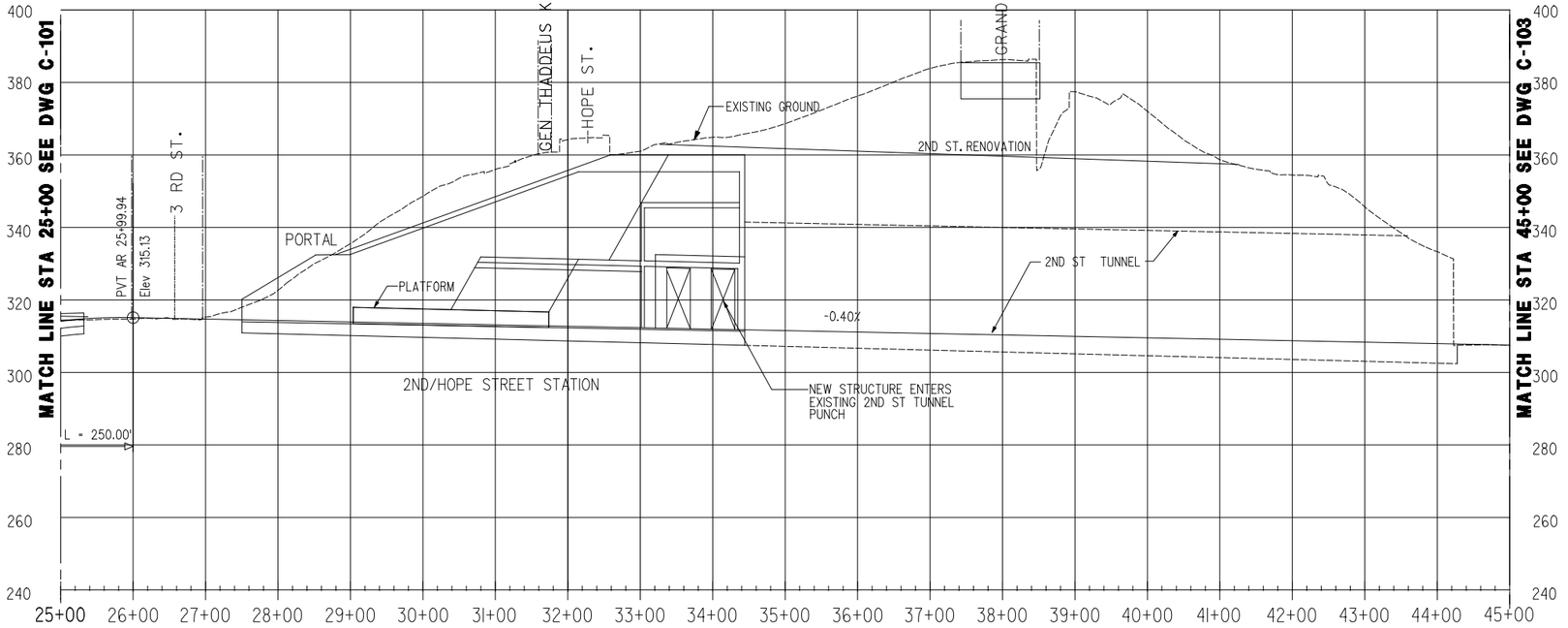


CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
I-1000	50'	50'	17°54'32"	175'	54.70'	2.19"	0"	2.19"	10
I-1010	50'	50'	27°17'45"	100'	47.25'	3.83"	1"	2.83"	10
I-2000	50'	50'	17°38'53"	220'	67.76'	2.51"	0"	2.51"	12
I-2010	50'	50'	30°41'03"	100'	53.55'	3.83"	1"	2.83"	10



NOTES:

1. FOR CONNECTION OF EXISTING 2ND ST. TUNNEL AND BUNKER HILL STATION SEE DWGS. S-106 & S-108

HORIZ 100' 0 100' 200'

VERT 20' 0 20' 40'

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ADV. CONCEPTUAL ENGINEERING
AT-GRADE EMPHASIS
LRT ALTERNATIVE
PLAN AND PROFILE
STA 25+00 TO STA 45+00

CONTRACT NO
DRAWING NO C-102
REV
SCALE 1"=100
SHEET NO

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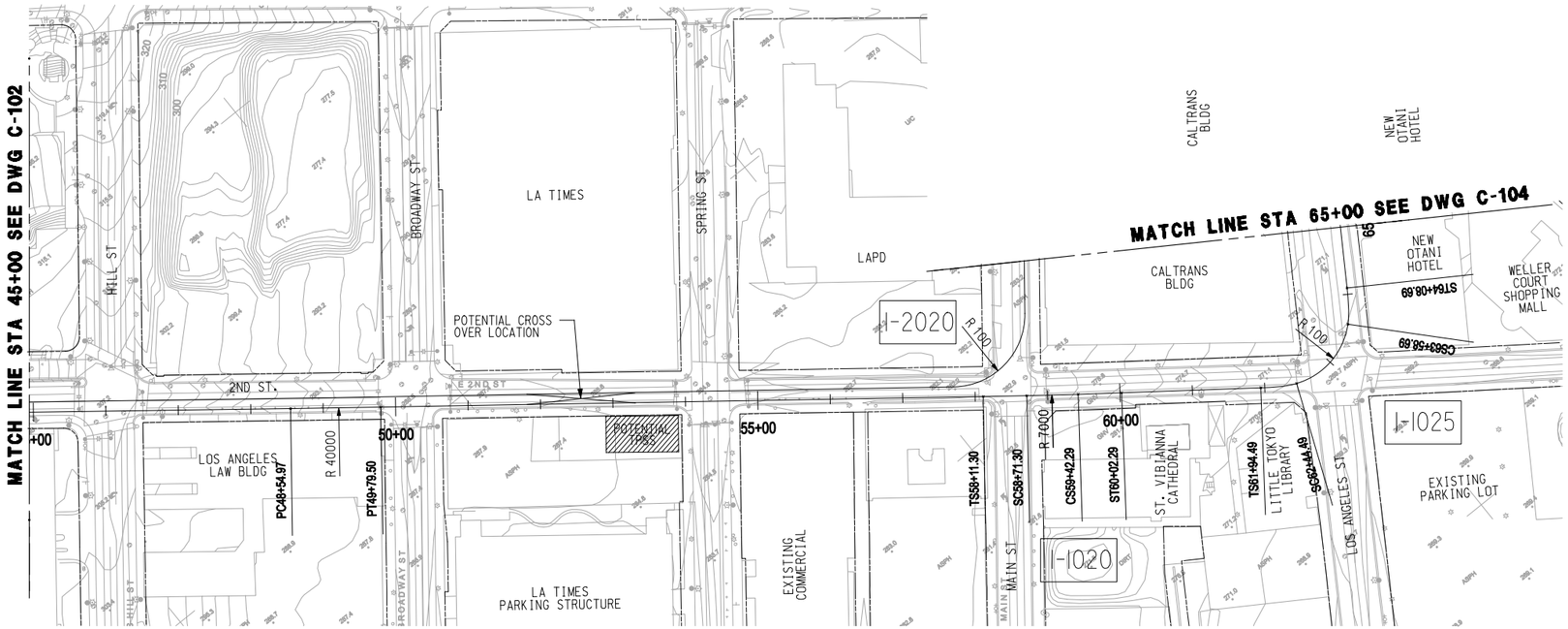
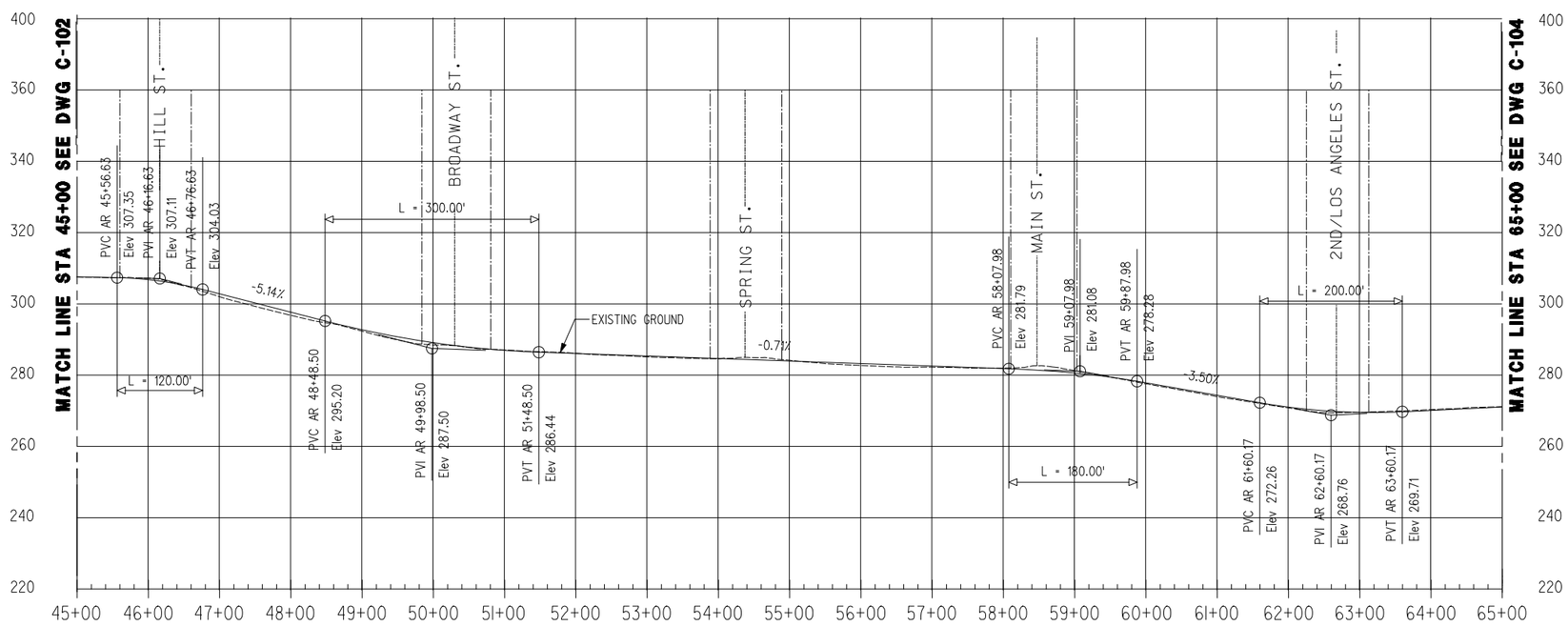


CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
I-1020	60'	60'	0°34'52"	7000'	70.99'	0.34"	0.25"	0.09"	25
I-2025	50'	50'	89°41'523"	100'	114.20'	3.83"	0"	3.83"	10



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ADV. CONCEPTUAL ENGINEERING
AT-GRADE EMPHASIS
LRT ALTERNATIVE
PLAN AND PROFILE
STA 45+00 TO STA 65+00

CONTRACT NO
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REV
SCALE 1"=100
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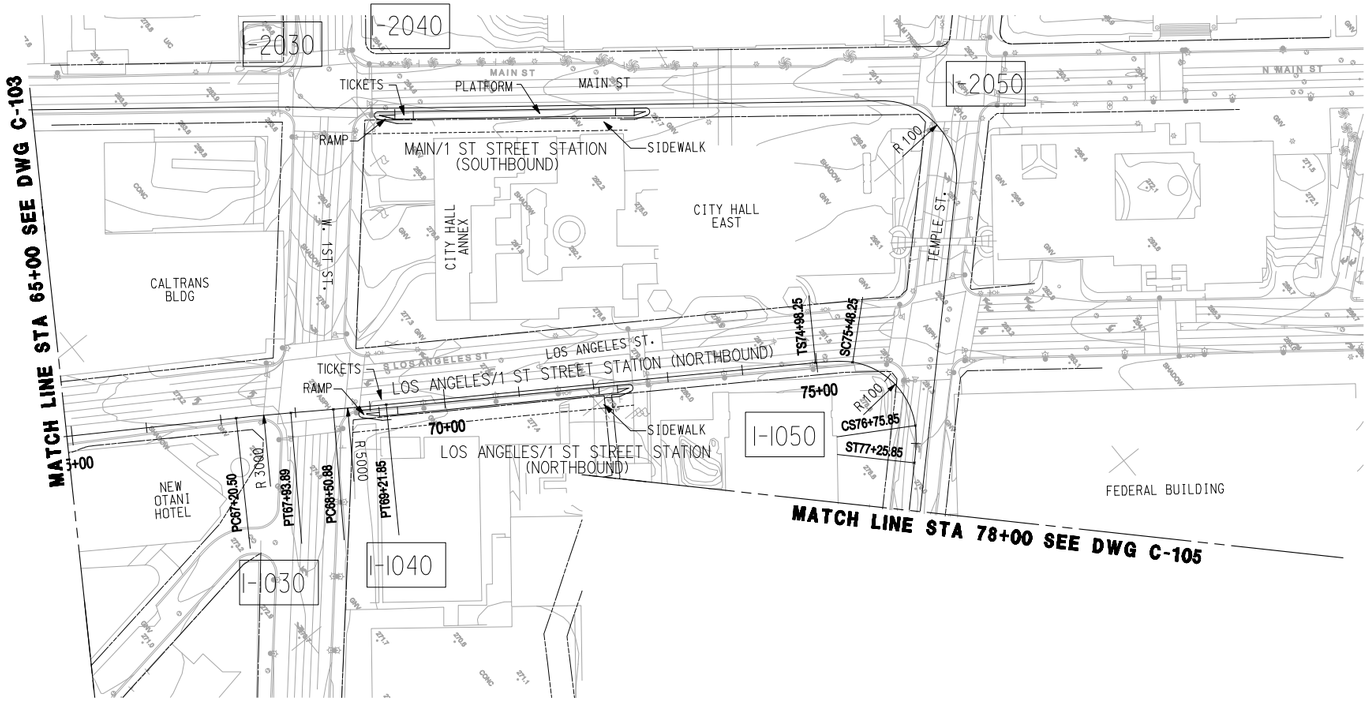
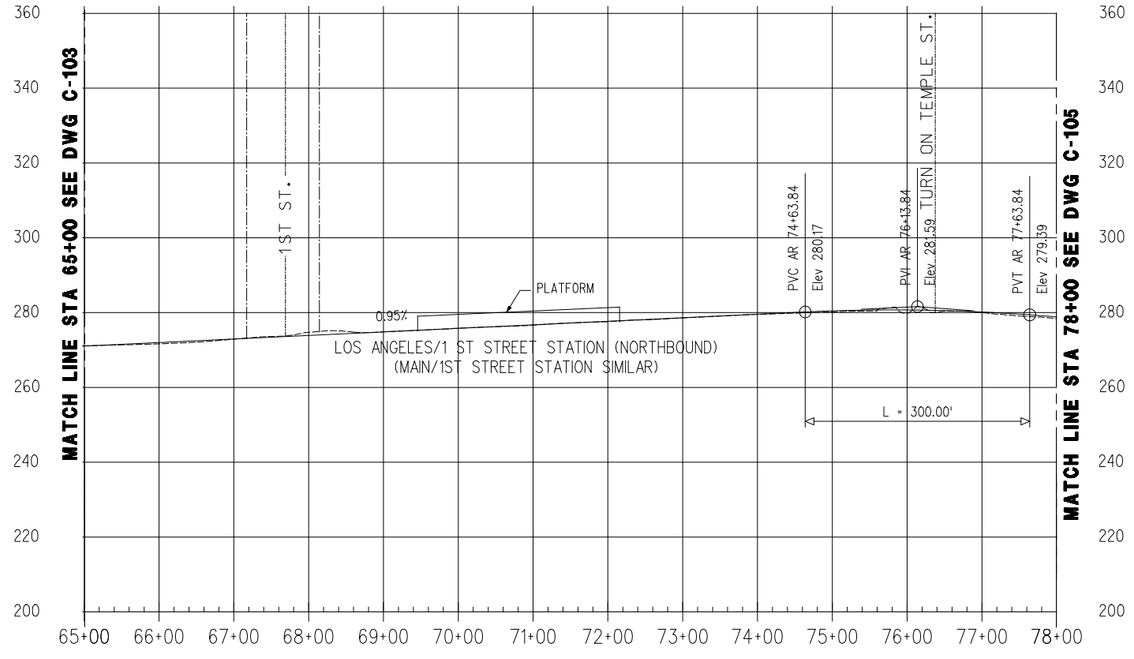


CURVE DATA									
CURVE NO	Ls IN	Ls OUT	I	Rc	Lc	Er	Ea	Eu	V mph
I-1030	—	—	1°24'06"	3000'	73.39'	0.79"	0"	0.79"	25
I-1040	—	—	0°48'47"	5000'	70.96'	0.48"	0"	0.48"	25
I-1050	50'	50'	101°45'24"	100'	127.60'	3.89"	1"	2.89"	10
I-2030	—	—	1°45'15"	2500'	76.55'	0.95"	0"	0.95"	25
I-2040	—	—	1°55'13"	2200'	73.73'	1.09"	0"	1.09"	25
I-2050	—	—	97°10'11"	100'	169.59'	3.89"	1"	2.89"	10



HORIZ 100' 0 100' 200'

VERT 20' 0 20' 40'

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ADV. CONCEPTUAL ENGINEERING
AT-GRADE EMPHASIS
LRT ALTERNATIVE
PLAN AND PROFILE
STA 65+00 TO STA 78+00

CONTRACT NO
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REV
SCALE 1"=100'
SHEET NO

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