

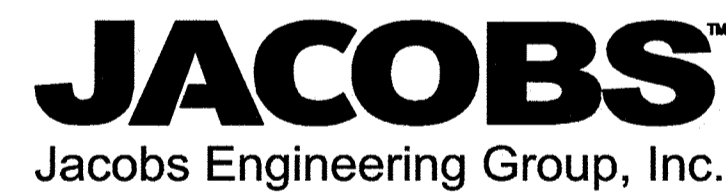
CITY OF CAMBRIDGE, MA

WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT

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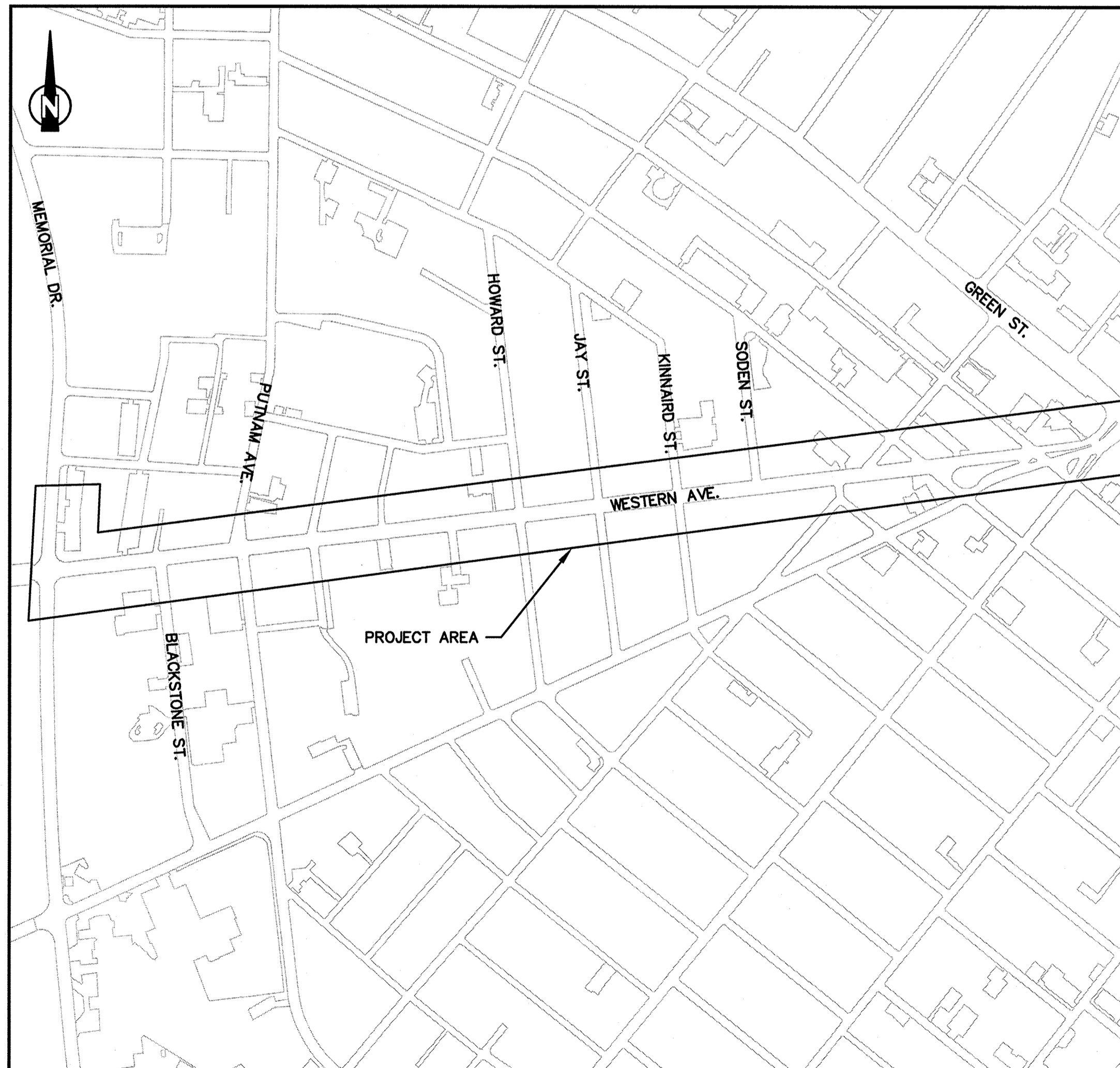
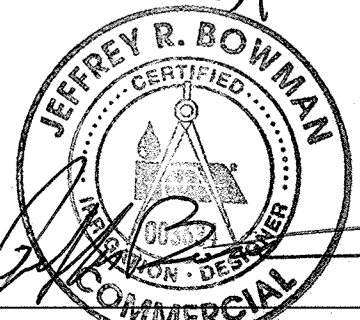
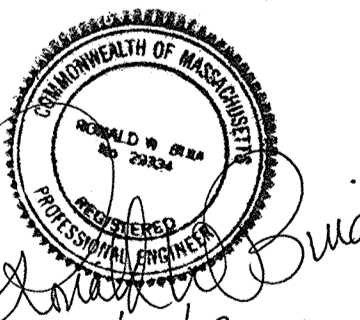
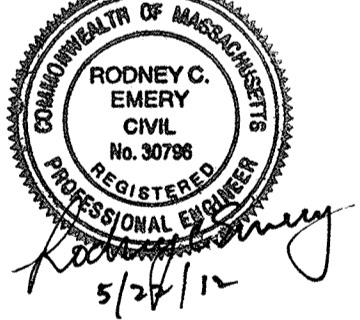
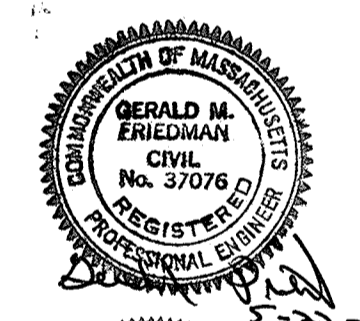
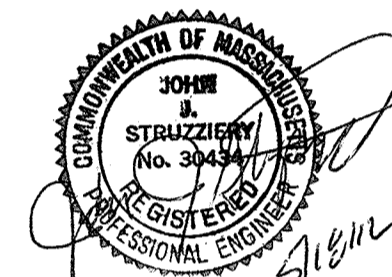
MAY 2012

PROJECT DESIGN TEAM



161 MASSACHUSETTS AVENUE, BOSTON MA 02115-3050
 (PHONE) 617.536.0300 (FAX) 617.536.0626
 WWW.HALVORSONDESIGN.COM

RONALD W. BUIA, INC.
 Electrical Engineers
 5 Tilton Lane
 Andover, MA 01810
 TEL: 978.475.5184
 RBUIA@BUIAENGINEERING.COM



LOCUS PLAN
 APPROX. SCALE: 1" = 300'



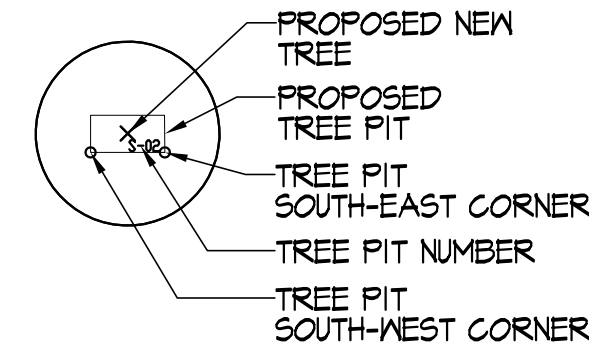
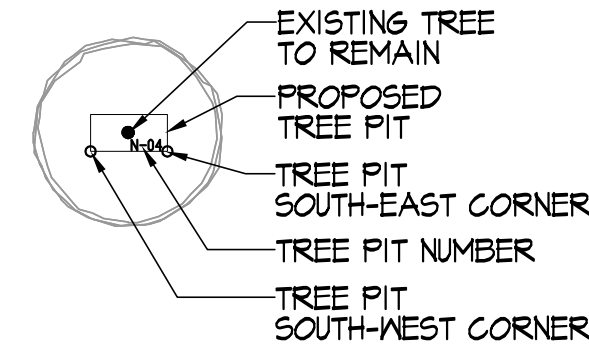
CAMBRIDGE DEPARTMENT OF PUBLIC WORKS

MATERIALS PLAN NOTES:

- MATERIALS PLAN PROVIDES MATERIAL DESCRIPTIONS, DETAIL REFERENCES AND GENERAL LAYOUT OF PAVING. SEE SS-12 FOR PAVEMENT ENLARGEMENTS.
- PROVIDE CONTINUOUS CAULKED EXPANSION JOINTS WHEREVER EXTERIOR CONCRETE PAVING BASE ABUTS CURBS, WALLS AND OTHER SITE IMPROVEMENTS.
- STAKE PROPOSED STRUCTURES, STAIRS, CURBS, WALLS, AND SITE ELEMENT LOCATIONS AND ELEVATIONS FOR ENGINEER'S APPROVAL PRIOR TO INSTALLATION OF FOUNDATIONS.
- SEE PLANTING PLANS FOR LIMITS OF STRUCTURAL FILL AT CYCLE TRACK, ETC.
- SEE PLANTING PLANS FOR LOCATIONS OF BOULDERS AND FLAT TOPPED BOULDER SEATING.
- PLAN DETAIL IS INTENDED TO SHOW TYPICAL INTENT.
- NEW CONCRETE SIDEWALK TO MEET AND BLEND WITH ABUTTING STAIRS OR PRIVATE WALKWAYS OR ADJACENT HARDSCAPE.
- SEE SS-6 THROUGH SS-10 FOR PLANTER CURB LAYOUTS.
- SEE SS-13 FOR TYPICAL CONCRETE SIDEWALK PATTERN ENLARGEMENTS.
- SEE 2/SS-13 FOR TYPICAL BRICK STRIP PAVING PATTERN ENLARGEMENT.
- SEE 3/SS-12 & 4/SS-12 FOR BRICK PAVING PATTERN ENLARGEMENTS AT WESTERN AVE.-PLEASANT STREET, AND WESTERN AVE.-AUBURN STREET PARKS.

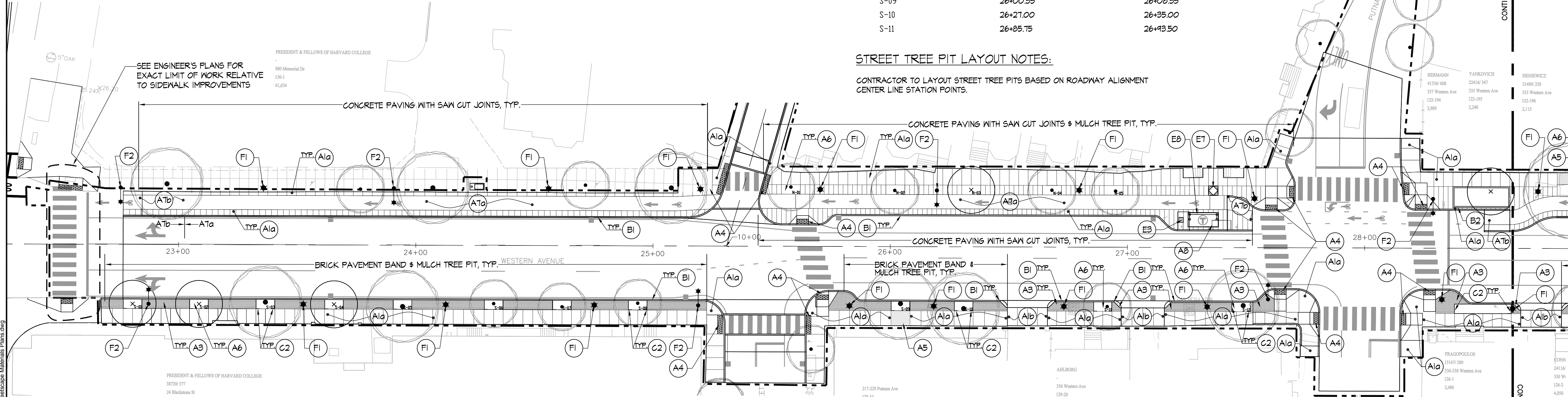
STREET TREE LAYOUT LEGEND (NORTH & SOUTH SIDES OF WESTERN AVE.)

TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
N-01	25+54.06	25+62.06
N-02	25+48.01	26+06.08
N-03	26+30.08	26+38.08
N-04	26+64.09	26+72.09
N-05	26+90.10	26+98.10
S-01	22+76.64	22+84.56
S-02	23+04.64	23+12.64
S-03	23+32.64	23+40.64
S-04	23+61.54	23+69.54
S-05	23+90.45	23+98.45
S-06	24+28.85	24+36.85
S-07	24+57.68	24+65.68
S-08	24+89.60	24+97.60
S-09	26+00.35	26+08.35
S-10	26+27.00	26+35.00
S-11	26+85.75	26+93.50



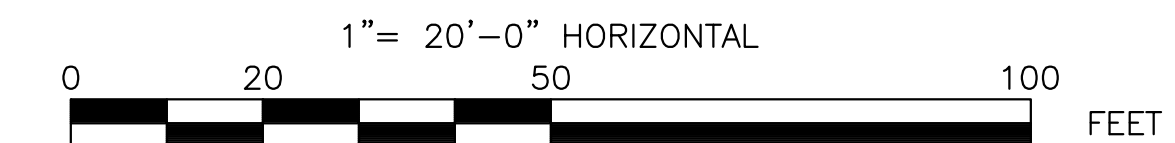
STREET TREE PIT LAYOUT NOTES:

CONTRACTOR TO LAYOUT STREET TREE PITS BASED ON ROADWAY ALIGNMENT CENTER LINE STATION POINTS.



MATERIALS LEGEND

SYM.	DESCRIPTION
A1a	CAST IN PLACE CONCRETE PAVING WITH SAW CUT JOINTS - PEDESTRIAN - SEE CIVIL ENGINEER DWGS FOR DETAILS
A1b	CAST IN PLACE CONCRETE PAVING WITH SAW CUT JOINTS - VEHICULAR - SEE CIVIL ENGINEER DWGS FOR DETAILS
A2	BRICK PAVEMENT ON CONCRETE BASE - SEE CIVIL ENGINEER DWGS FOR DETAILS
A3	BRICK PAVEMENT ON BIT. CONCRETE BASE - SEE CIVIL ENGINEER DWGS FOR DETAILS
A4	DETECTABLE WARNING PAVERS - SEE CIVIL ENGINEER DWGS
A5	RUBBER PAVING SURFACE - SEE CIVIL ENGINEER DWGS FOR DETAILS
A6	AGED PINE BARK MULCH AT TREE PIT
ATa	PERVIOUS BIT. CONCRETE AT CYCLE TRACK - SEE CIVIL ENGINEER DWGS
ATb	BIT. CONCRETE AT CYCLE TRACK - SEE CIVIL ENGINEER DWGS
A8	CONCRETE PAD AT BUS SHELTER - SEE CIVIL ENGINEER DWGS
B1	GRANITE ROADWAY CURB - SEE CIVIL ENGINEER DWGS
B2	GRANITE LANDSCAPE CURB - 6" WIDTH
C2	STEEL EDGE
C3	METAL LOOP AT PLANTER
D2	GRANITE SEATING STONE
E1	BICYCLE RACK
E3	TRASH RECEPTACLE
E7	BRONZE INSET - SUPPLIED BY LANDSCAPE ARCHITECT / ARTIST - SEE BRONZE SPECIFICATION (TO BE INSTALLED BY CONTRACTOR IN PAVEMENT)
E8	BUS SHELTER - SEE CIVIL ENGINEER DWGS
F1	LIGHT TYPE I - SEE ELECTRICAL DWGS
F2	LIGHT TYPE II - SEE ELECTRICAL DWGS



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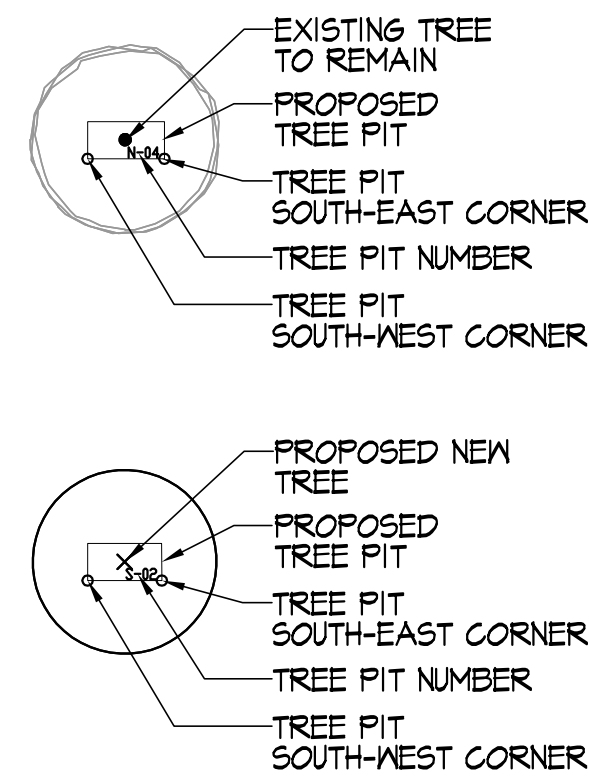


Scale	1"=20'-0"
Date	May, 2012
Job No.	2009143.01-A
Designed by	CS
Drawn by	YL
Checked by	CS
Approved by	CS



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE MATERIALS & STREET TREE PIT LAYOUT PLAN-1

Sheet	SS-1
File No.	



STREET TREE LAYOUT LEGEND (NORTH SIDE OF WESTERN AVE.)

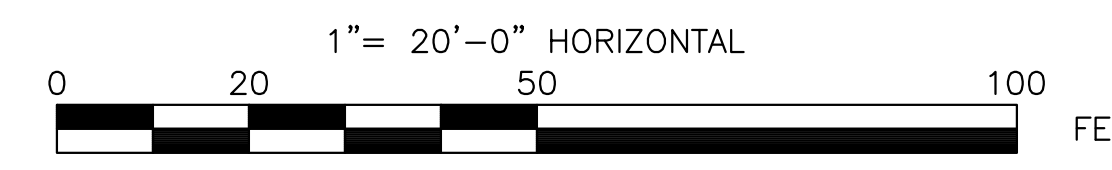
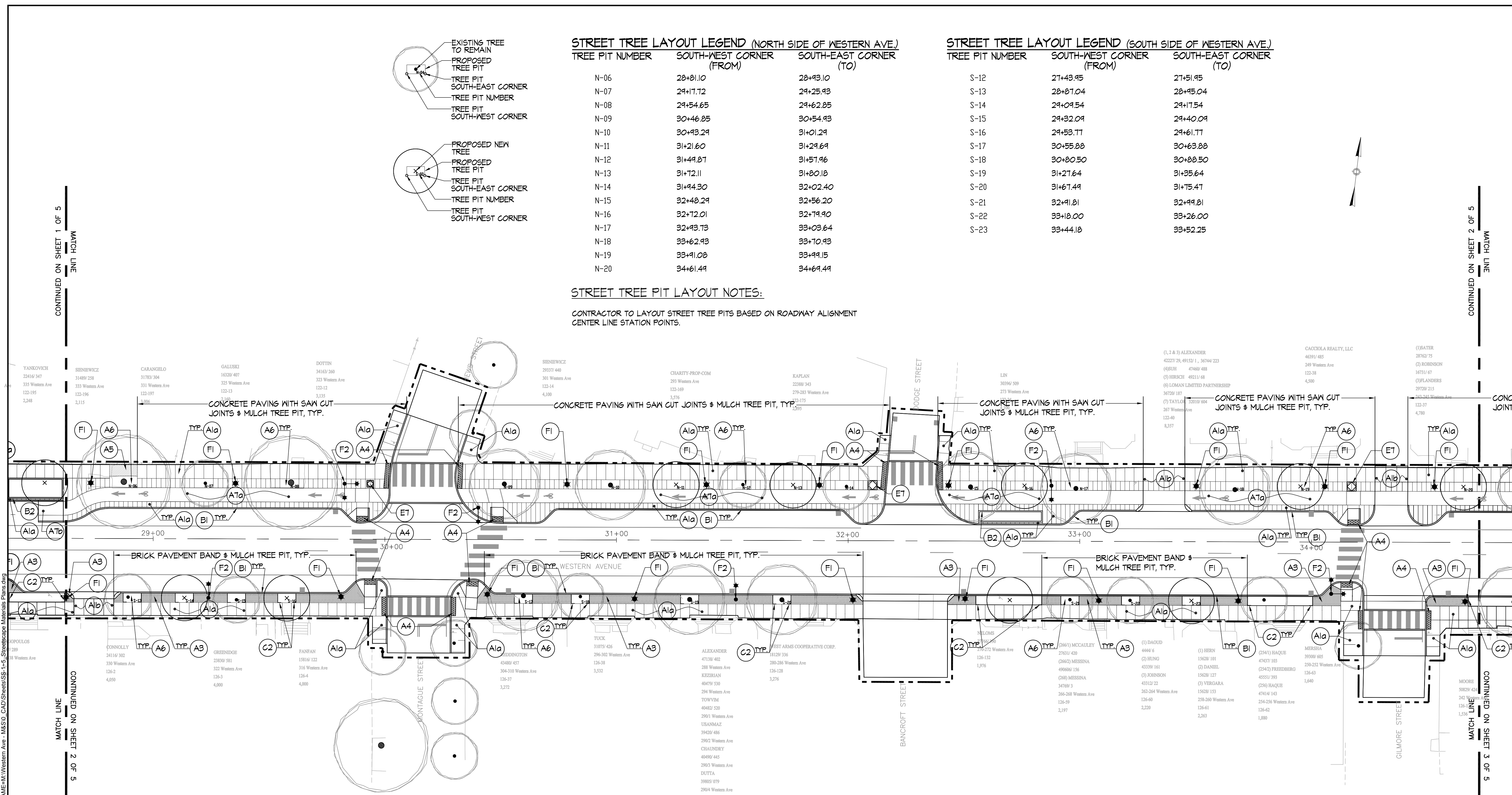
TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
N-06	28+81.10	28+93.10
N-07	29+17.72	29+25.93
N-08	29+54.65	29+62.85
N-09	30+46.85	30+54.93
N-10	30+93.29	31+01.29
N-11	31+21.60	31+29.69
N-12	31+49.87	31+57.96
N-13	31+72.11	31+80.18
N-14	31+94.30	32+02.40
N-15	32+48.29	32+56.20
N-16	32+72.01	32+79.90
N-17	32+93.73	33+03.64
N-18	33+62.93	33+70.93
N-19	33+91.08	33+99.15
N-20	34+61.44	34+69.44

STREET TREE LAYOUT LEGEND (SOUTH SIDE OF WESTERN AVE.)

TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
S-12	27+43.95	27+51.95
S-13	28+87.04	28+95.04
S-14	29+09.54	29+17.54
S-15	29+32.09	29+40.09
S-16	29+53.77	29+61.77
S-17	30+55.88	30+63.88
S-18	30+80.50	30+88.50
S-19	31+27.64	31+35.64
S-20	31+67.49	31+75.47
S-21	32+91.81	32+99.81
S-22	33+18.00	33+26.00
S-23	33+44.18	33+52.25

STREET TREE PIT LAYOUT NOTES:

CONTRACTOR TO LAYOUT STREET TREE PITS BASED ON ROADWAY ALIGNMENT CENTER LINE STATION POINTS.

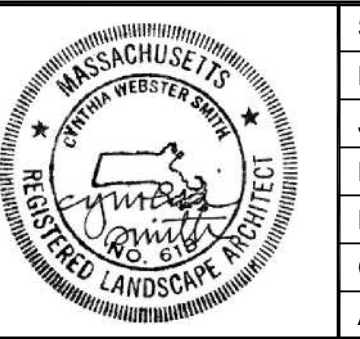


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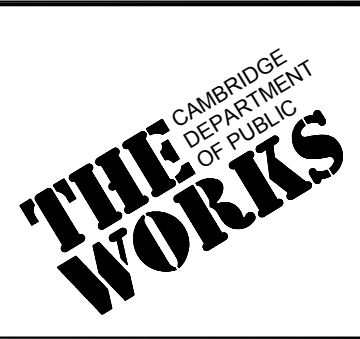
KLEINFELDER S E A
S E A CONSULTANTS INC.

MWH
BOSTON MASSACHUSETTS

HALVORSON DESIGN PARTNERSHIP
161 MASSACHUSETTS AVENUE, BOSTON MA 02115-3050
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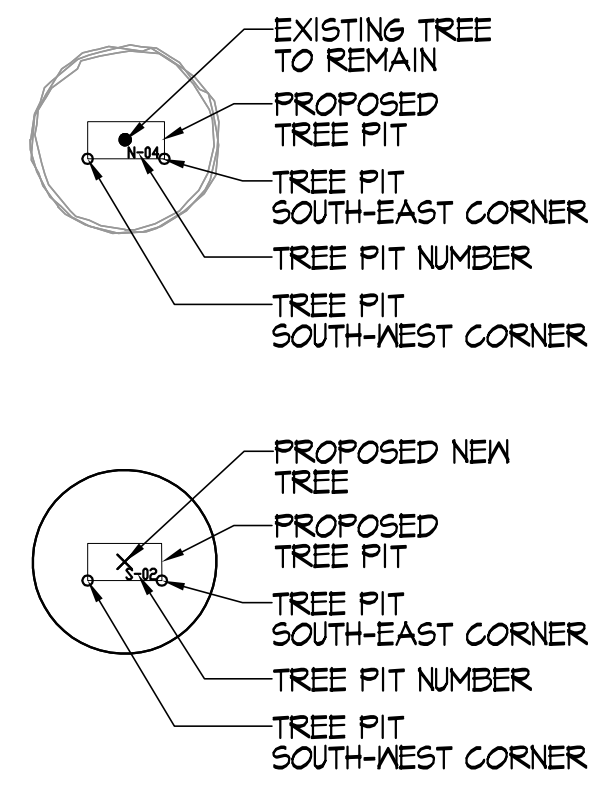


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Job No.	2009143.01-A
Designed by	CS
Drawn by	YL
Checked by	CS
Approved by	CS
No.	
Description	
Date	
REVISIONS	



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE MATERIALS & STREET TREE PIT LAYOUT PLAN-2

Sheet	SS-2
File No.	



STREET TREE LAYOUT LEGEND (NORTH SIDE OF WESTERN AVE.)

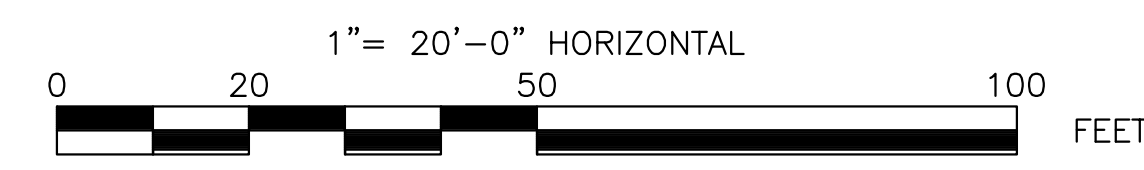
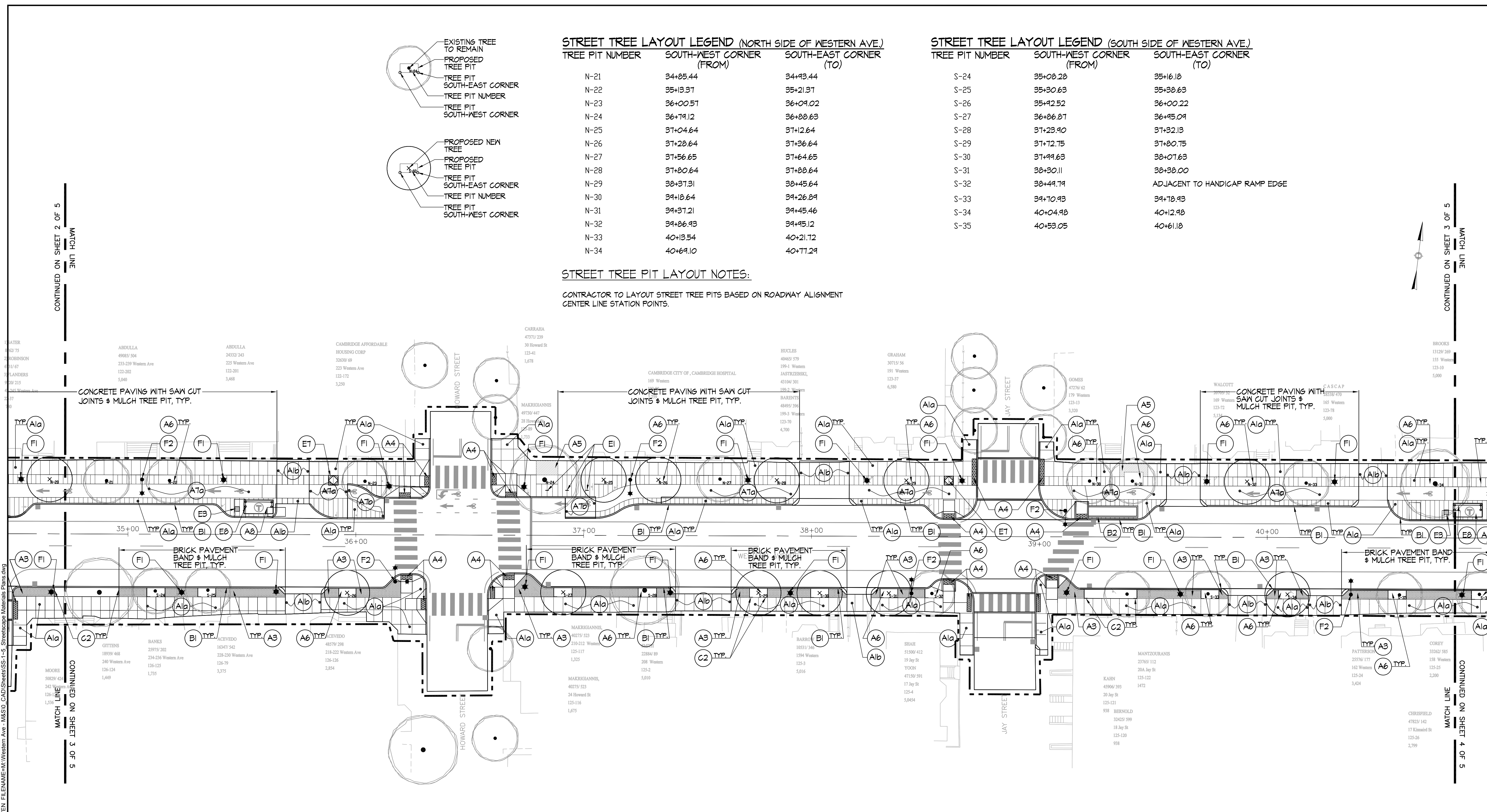
TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
N-21	34+05.44	34+93.44
N-22	35+13.37	35+21.37
N-23	36+00.57	36+09.02
N-24	36+79.12	36+88.63
N-25	37+04.64	37+12.64
N-26	37+28.64	37+36.64
N-27	37+56.65	37+64.65
N-28	37+80.64	37+88.64
N-29	38+37.31	38+45.64
N-30	39+18.64	39+26.89
N-31	39+37.21	39+45.46
N-32	39+86.93	39+95.12
N-33	40+13.54	40+21.72
N-34	40+69.10	40+77.29

STREET TREE LAYOUT LEGEND (SOUTH SIDE OF WESTERN AVE.)

TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
S-24	35+08.28	35+16.18
S-25	35+30.63	35+38.63
S-26	35+42.52	36+00.22
S-27	36+86.87	36+95.09
S-28	37+23.90	37+32.13
S-29	37+72.75	37+80.75
S-30	37+99.63	38+07.63
S-31	38+30.11	38+38.00
S-32	38+44.79	ADJACENT TO HANDICAP RAMP EDGE
S-33	39+70.93	39+78.93
S-34	40+04.98	40+12.98
S-35	40+53.05	40+61.18

STREET TREE PIT LAYOUT NOTES:

CONTRACTOR TO LAYOUT STREET TREE PITS BASED ON ROADWAY ALIGNMENT CENTER LINE STATION POINTS.

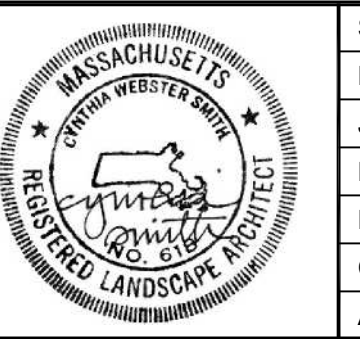


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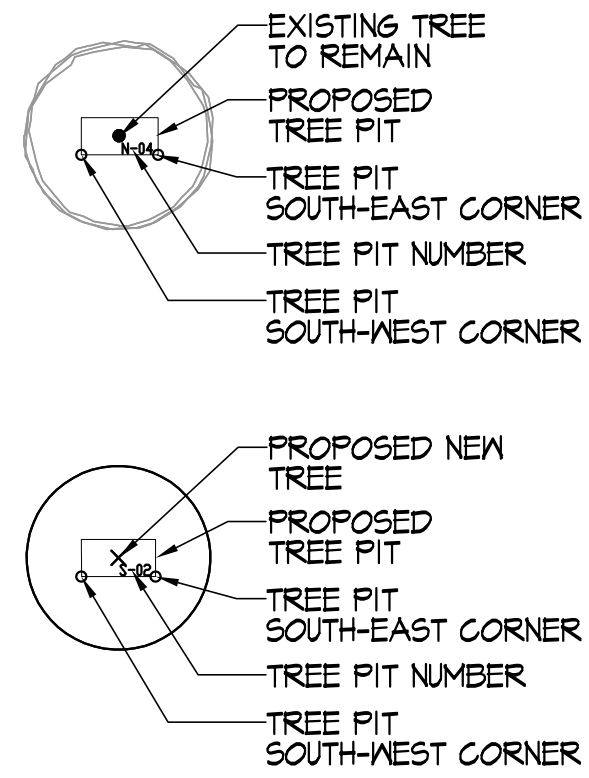


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Date	May, 2012	
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Checked by	CS	
Approved by	CS	
REVISIONS		
No.	Description	Date



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE MATERIALS & STREET TREE PIT LAYOUT PLAN-3

Sheet	SS-3
File No.	



STREET TREE LAYOUT LEGEND (NORTH SIDE OF WESTERN AVE.)

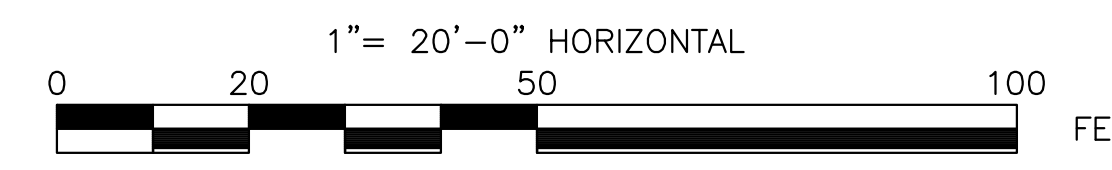
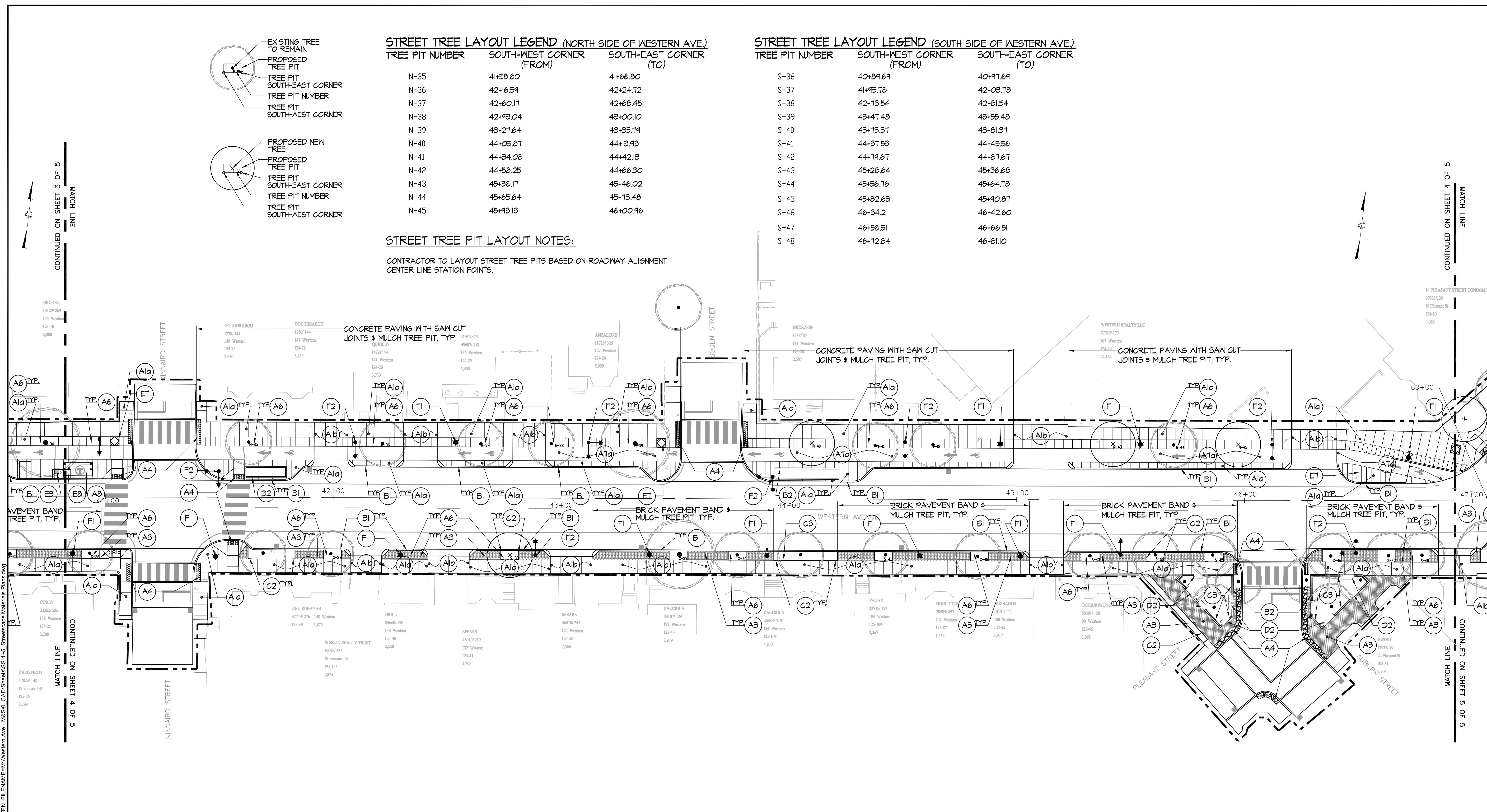
TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
N-35	41+50.80	41+66.80
N-36	42+16.54	42+24.72
N-37	42+60.17	42+68.45
N-38	42+43.04	43+00.10
N-39	43+27.64	43+35.74
N-40	44+05.87	44+13.93
N-41	44+34.08	44+42.13
N-42	44+58.25	44+66.30
N-43	45+38.17	45+46.02
N-44	45+65.64	45+73.48
N-45	45+43.13	46+00.96

STREET TREE LAYOUT LEGEND (SOUTH SIDE OF WESTERN AVE.)

TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
S-36	40+89.69	40+97.69
S-37	41+45.78	42+03.78
S-38	42+73.54	42+81.54
S-39	43+47.48	43+55.48
S-40	43+73.37	43+81.37
S-41	44+37.53	44+45.56
S-42	44+79.67	44+87.67
S-43	45+28.64	45+36.68
S-44	45+56.76	45+64.78
S-45	45+82.63	45+90.87
S-46	46+34.21	46+42.60
S-47	46+58.51	46+66.51
S-48	46+72.84	46+81.10

STREET TREE PIT LAYOUT NOTES:

CONTRACTOR TO LAYOUT STREET TREE PITS BASED ON ROADWAY ALIGNMENT CENTER LINE STATION POINTS.

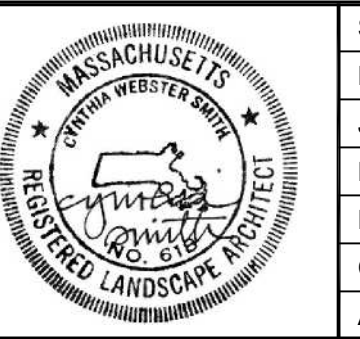


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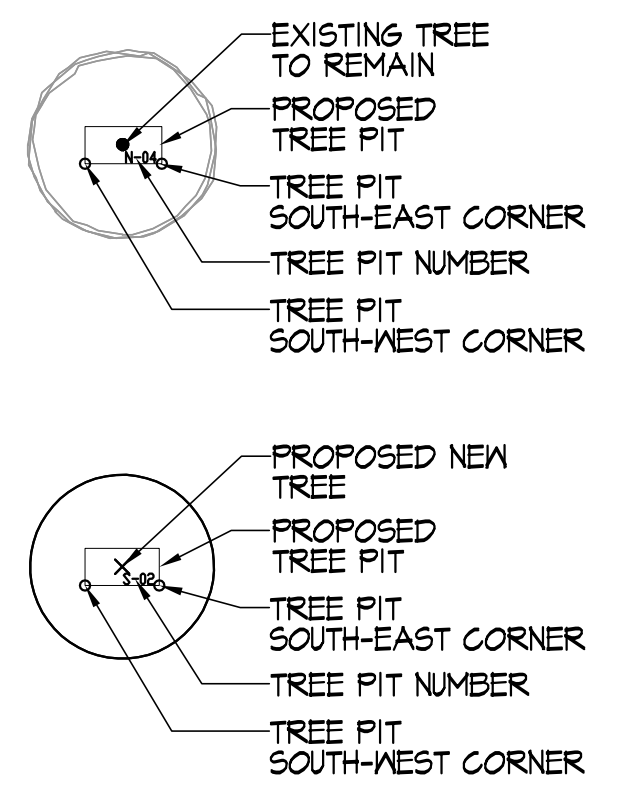
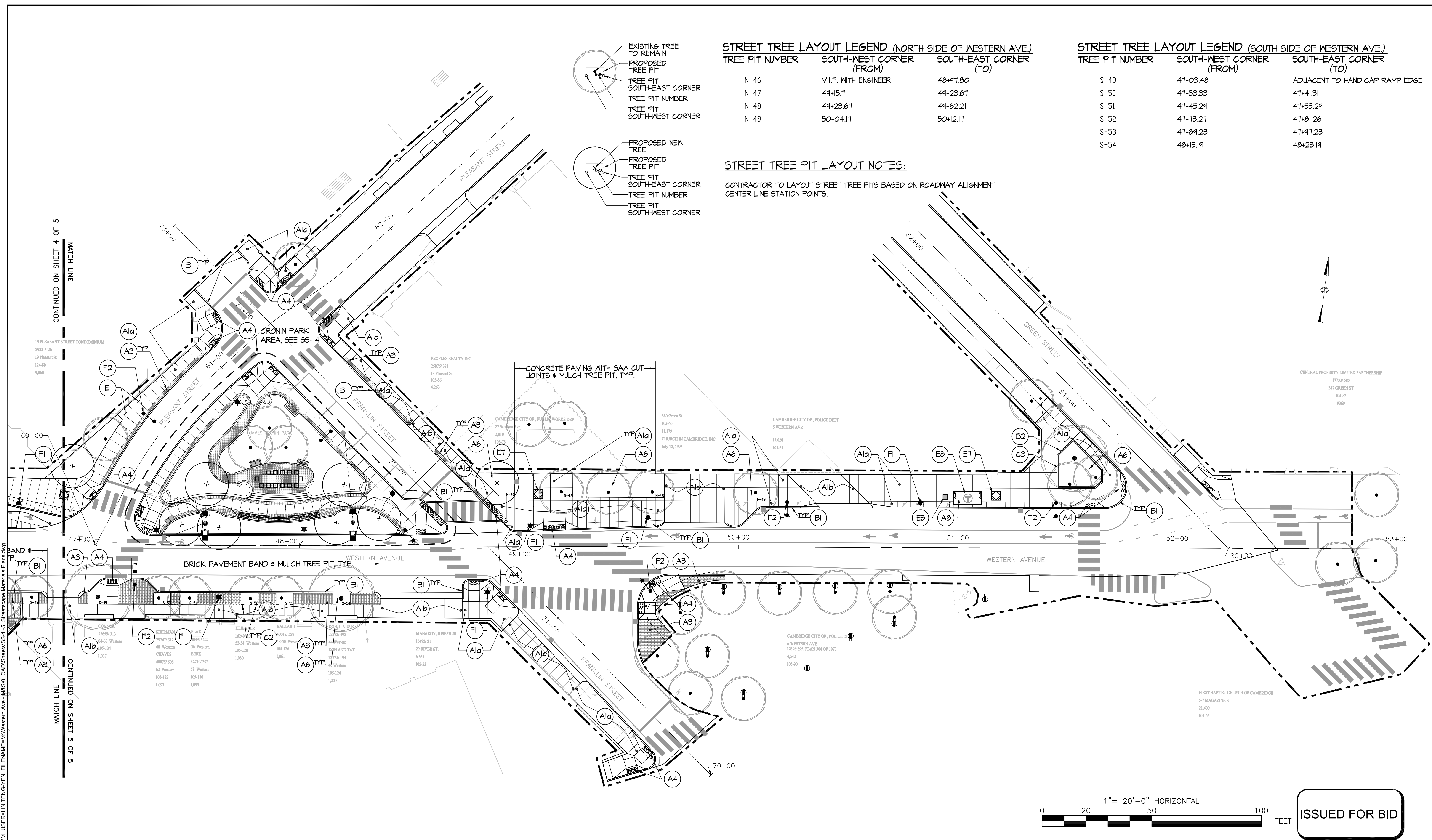
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Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE MATERIALS & STREET TREE PIT LAYOUT PLAN-4

Sheet	SS-4
File No.	

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STREET TREE LAYOUT LEGEND (NORTH SIDE OF WESTERN AVE.)

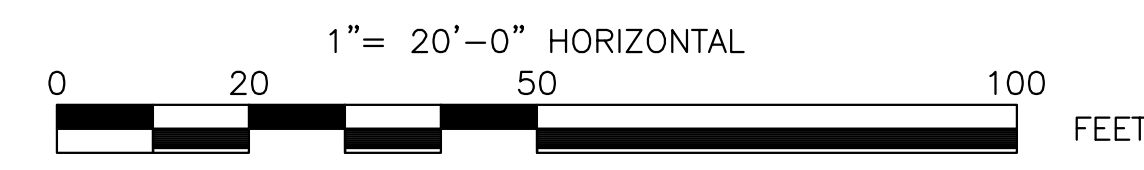
TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
N-46	V.I.F. WITH ENGINEER	48+97.80
N-47	44+15.71	44+23.67
N-48	44+23.67	44+62.21
N-49	50+04.17	50+12.17

STREET TREE LAYOUT LEGEND (SOUTH SIDE OF WESTERN AVE.)

TREE PIT NUMBER	SOUTH-WEST CORNER (FROM)	SOUTH-EAST CORNER (TO)
S-49	47+03.48	ADJACENT TO HANDICAP RAMP EDGE
S-50	47+33.33	47+41.31
S-51	47+45.24	47+53.24
S-52	47+73.27	47+81.26
S-53	47+89.23	47+97.23
S-54	48+15.14	48+23.14

STREET TREE PIT LAYOUT NOTES:
 CONTRACTOR TO LAYOUT STREET TREE PITS BASED ON ROADWAY ALIGNMENT CENTER LINE STATION POINTS.

CONTINUED ON SHEET 4 OF 5
 MATCH LINE
 19 PLEASANT STREET CONDOMINIUM
 2933/1126
 19 Pleasant St
 124-80
 9,060
 CRONIN PARK AREA, SEE SS-14
 PEOPLES REALTY INC
 23076/381
 18 Pleasant St
 105-56
 4,260
 CAMBRIDGE CITY OF, PUBLIC WORKS DEPT
 27 Western Ave
 105-78
 2,810
 380 Green St
 105-60
 11,179
 CHURCH IN CAMBRIDGE, INC
 July 12, 1995
 CAMBRIDGE CITY OF, POLICE DEPT
 5 WESTERN AVE
 13,028
 105-61
 CENTRAL PROPERTY LIMITED PARTNERSHIP
 1773/390
 347 GREEN ST
 105-82
 9360
 FIRST BAPTIST CHURCH OF CAMBRIDGE
 5-7 MAGAZINE ST
 21,400
 105-66
 MATCH LINE
 CONTINUED ON SHEET 5 OF 5

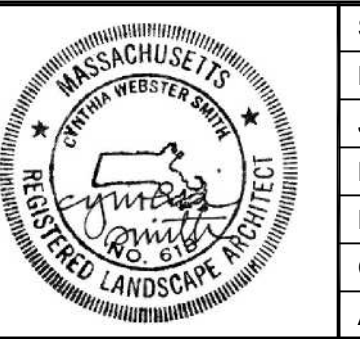


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Scale	1"=20'-0"			
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Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE MATERIALS & STREET TREE PIT LAYOUT PLAN-5

Sheet	SS-5
File No.	

***WESTERN AVENUE PLANT LIST:**

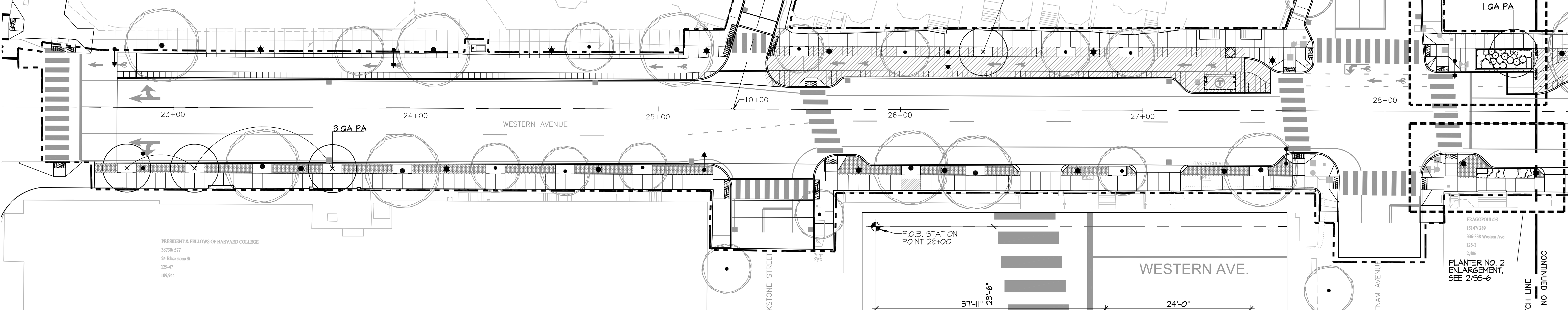
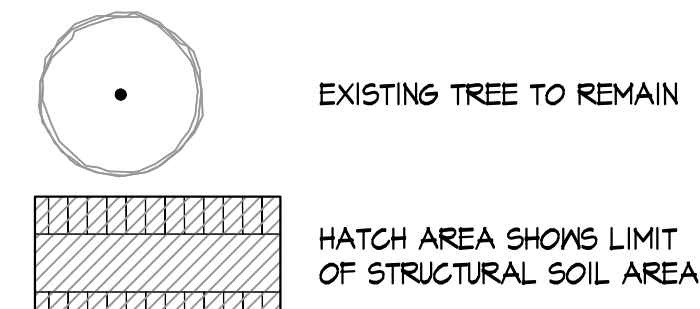
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	REMARKS
TREES					
4	AR RJ	<i>Acer rubrum</i> 'October Glory'	October Glory Red Maple	3'-3 1/2" Cal.	Matched Specimens
3	GI BI	<i>Ginkgo biloba</i>	Ginkgo	3'-3 1/2" Cal.	Matched Specimens
10	QA PA	<i>Quercus palustris</i>	Pin Oak	3'-3 1/2" Cal.	Matched Specimens
16	ZE SE	<i>Zelkova serrata</i> 'Green Vase'	'Green Vase' Japanese Zelkova	3'-3 1/2" Cal.	Matched Specimens
SHRUBS					
76	Cs ar	<i>Cornus sericea</i> 'Arctic Fire'	Arctic Fire Red Twig Dogwood	18"-24" ht.	B4B or Cont.
52	Ro rd	<i>Rosa 'Radkopink'</i>	Double Pink Knockout Rose	18"-24" ht.	B4B or Cont.
34	Xa si	<i>Xanthorrhiza simplicissima</i>	Yellowroot	12-15" ht.	B4B or Cont.
PERENNIALS, GROUNDCOVERS AND GRASSES					
37	cl ov	<i>Calamagrostis</i> x 'Overdam'	Overdam Feather Reed Grass	2 gal.	18"-24" O.C.
126	ch la	<i>Chasmanthium latifolium</i>	Northern Sea Oats	2 gal.	15"-18" O.C.
435	lr sp	<i>Lilippe spicata</i>	Lilyburt	1 gal.	10"-12" O.C.
106	ne lt	<i>Nepeta racemosa</i> 'Little Tech'	Little Tech Catmint	2 gal.	15"-18" O.C.
111	ru fu	<i>Rudbeckia hirta</i>	Black-eyed Susan	2 gal.	18"-24" O.C.

* DOES NOT INCLUDE PLANTING PLAN AND QUANTITIES FOR JAMES CRONIN PARK. PLANTING PLAN FOR JAMES CRONIN PARK CAN BE FOUND ON SHEET SS-15

WESTERN AVENUE STONE LIST:

QTY	SIZE	STONE PRODUCT
16	24" x 24" x 2 1/2"	GRANITE SEATING STONE - TYPE A
15	24" x 48" x 2 1/2"	GRANITE SEATING STONE - TYPE B
6	24" x 12" x 2 1/2"	GRANITE SEATING STONE - TYPE C

PLANTING LEGENDS:

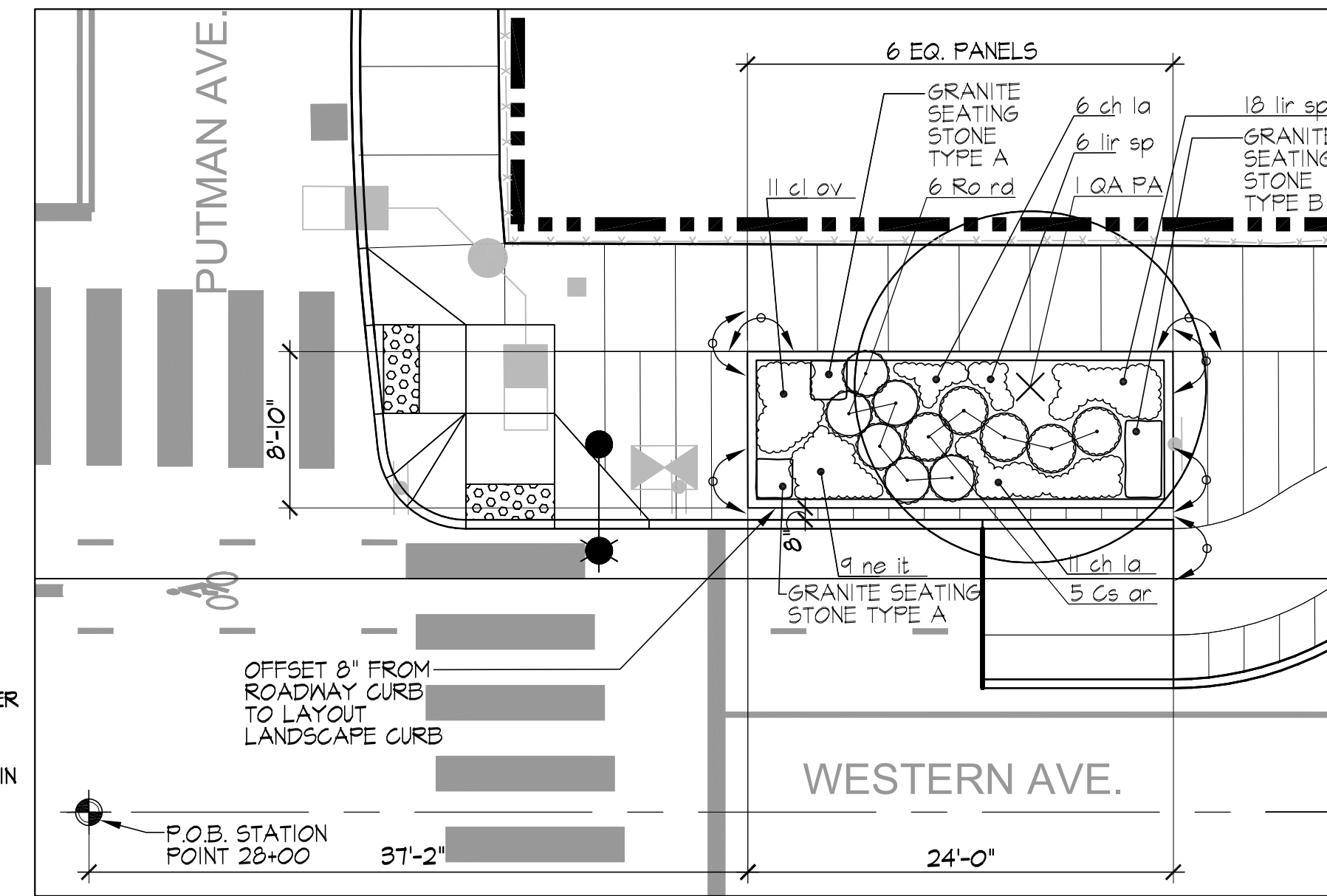


PLANTING NOTES:

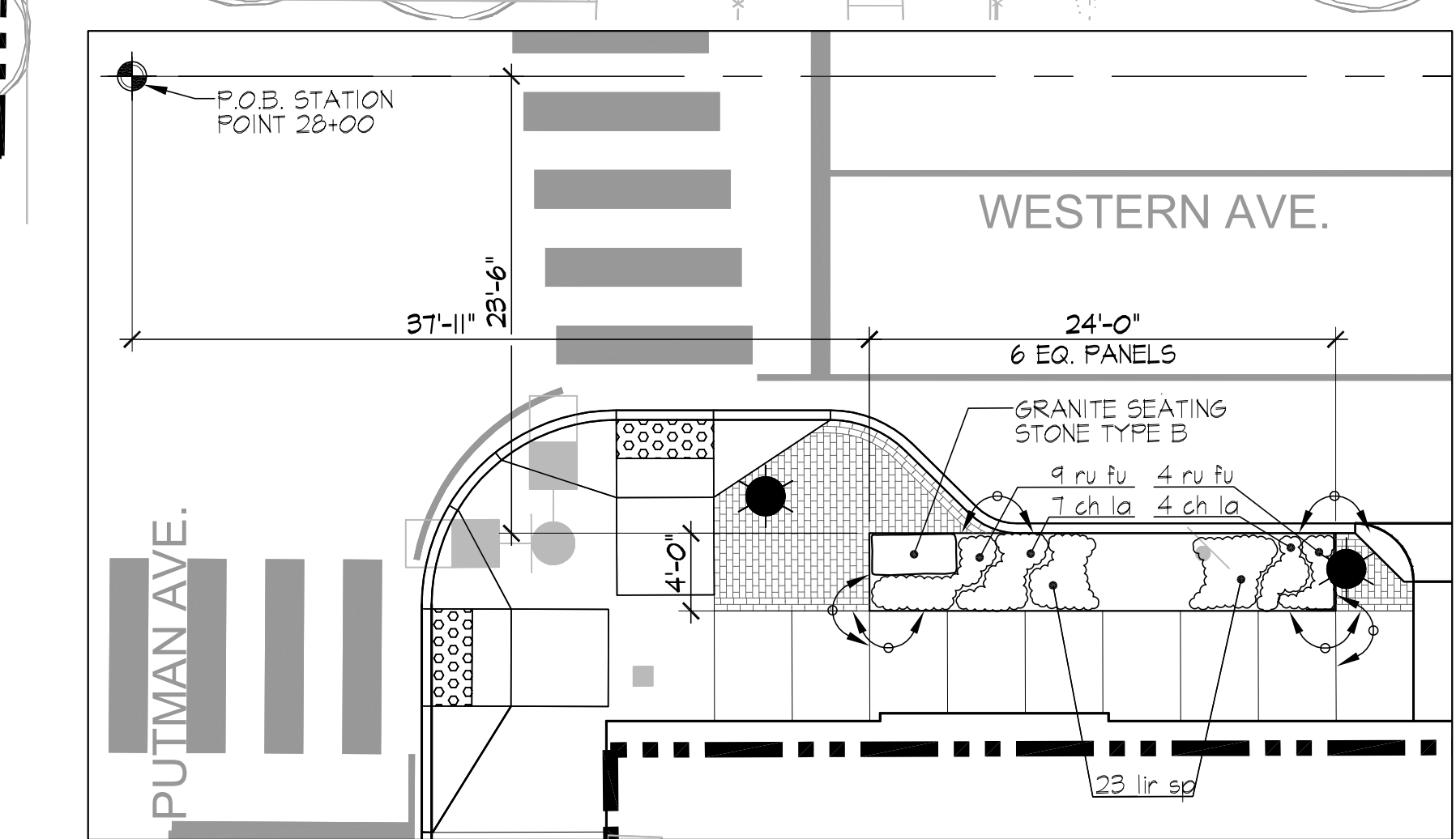
- ENGINEER TO APPROVE PLANT MATERIAL PRIOR TO DELIVERY TO SITE.
- PLANT MATERIAL SHALL CONFORM TO "THE AMERICAN STANDARD FOR NURSERY STOCK", PUBLISHED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC.
- NO SUBSTITUTIONS OF PLANT SPECIES WITHOUT ENGINEER'S WRITTEN APPROVAL.
- SUBSTITUTIONS OF PLANT SPECIES SHALL BE A PLANT OF EQUIVALENT OVERALL FORM, HEIGHT AND BRANCHING HABIT, FLOWER, LEAF AND FRUIT, COLOR AND TIME OF BLOOM, AS APPROVED OF BY ENGINEER.
- LOCATE AND VERIFY UTILITY LINE LOCATIONS PRIOR TO STAKING AND REPORT CONFLICT TO ENGINEER.
- PLANTING DEMOLITION DEBRIS, GARBAGE, LUMPS OF CONCRETE, STEEL AND OTHER MATERIALS DELETERIOUS TO PLANT'S HEALTH AS DETERMINED BY ENGINEER SHALL BE REMOVED FROM ALL PLANTING AREAS.
- ALL PROPOSED BED LINES, TREE, AND SHRUB LOCATIONS SHALL BE STAKED OR LAID OUT IN THEIR APPROXIMATE LOCATION BY THE CONTRACTOR PRIOR TO ENGINEER'S ARRIVAL ON SITE FOR LAYOUT AND PLANTING REVIEW. REFER TO LAYOUT AND PLANTING SHEETS FOR LAYOUT INFORMATION. THE CONTRACTOR SHALL ADJUST THE LOCATIONS AS REQUESTED BY THE ENGINEER TO ACCOUNT FOR SUBSURFACE UTILITIES AND ANY OTHER FIELD CONDITIONS. FINAL LOCATIONS OF ALL PLANT MATERIAL MUST BE APPROVED BY THE ENGINEER PRIOR TO PLANTING.
- NO PLANTING TO BE INSTALLED BEFORE ACCEPTANCE OF ROUGH AND FINE GRADING BY ENGINEER.
- INSTALL PLANTS WITH ROOT FLARES FLUSH WITH FINISHED GRADE. IMMEDIATELY REPLANT PLANTS THAT SETTLE OUT OF PLUMB OR BELOW FINISHED GRADE.
- PLANT UNDER FULL TIME SUPERVISION OF CERTIFIED ARBORIST, NURSERYMAN, OR ENGINEER. PROVIDE WRITTEN VERIFICATION OF CERTIFICATION AND/OR LICENSE FOR ENGINEER'S APPROVAL.
- WATER PLANTS THOROUGHLY AFTER INSTALLATION, A MINIMUM OF TWICE WITHIN THE FIRST 24 HOURS.
- REPAIR DAMAGE DUE TO OPERATIONS INSIDE AND OUTSIDE OF LIMIT OF WORK.
- SEE DETAIL SHEET SS-11 FOR STREET TREE PLANTING DETAILS; SEE SS-21 FOR SHRUB, PERENNIAL AND GROUNDCOVER PLANTING DETAILS.
- SEE SPECIFICATIONS FOR STREETSCAPE TREE PROTECTION DETAILS.
- SEE IRRIGATION PLANS 1- THROUGH 1- FOR IRRIGATION AT PLANTERS.

PLANTER LAYOUT PLAN NOTES:

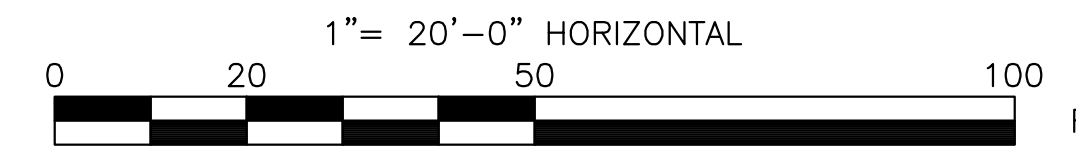
- PRIOR TO THE START OF ANY WORK THE CONTRACTOR SHALL MEET WITH THE OWNER AND ENGINEER TO REVIEW THE PROJECT SCOPE.
- CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO CONSTRUCTION OPERATIONS INSIDE AND OUTSIDE OF THE PROPERTY LINE.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION. REPORT ANY DISCREPANCIES IN WRITING TO THE ENGINEER AND RECEIVE WRITTEN INSTRUCTIONS PRIOR TO PROCEEDING.
- ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE PROMPTLY REPORTED TO AND APPROVED BY THE ENGINEER BY THE CONTRACTOR AND RECORDED ON REPRODUCIBLE AS-BUILT DRAWINGS BY THE CONTRACTOR.
- LINES ARE PARALLEL OR PERPENDICULAR TO LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
- DIMENSIONS ARE TO JOINT CENTERLINE, WALL FACE, CURB FACE, PAVEMENT EDGE, CENTERLINE OF IMPROVEMENT OR AS OTHERWISE NOTED.
- STAKE PROPOSED LANDSCAPE CURBS, AND SITE IMPROVEMENT LOCATIONS AND ELEVATIONS FOR THE ENGINEER'S APPROVAL PRIOR TO INSTALLATION.
- ENSURE PAVING PITCHES HAVE POSITIVE DRAINAGE AND WILL NOT POCKET WATER. NOTIFY ENGINEER BEFORE PLACING PAVEMENT WITH A PITCH GREATER THAN 4.8% OR LESS THAN 0.75%, OR HAS A CROSS SLOPE OF GREATER THAN 1.8%. RECEIVE WRITTEN INSTRUCTIONS PRIOR TO PROCEEDING.
- PROPOSED GRANITE SEATING, TREE AND PLANTING LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED IN THE FIELD WITH THE ENGINEER PRIOR TO INSTALLATION.
- SEE CIVIL DRAWINGS FOR CURB RAMP, STREET LIGHT, TRAFFIC SIGNAGE, TREE PIT, AND CONCRETE SIDEWALK SAW CUT PATTERN LAYOUTS.



1 PLANTER NO. 1 ENLARGEMENT & LAYOUT PLAN
Scale: 1/8" = 1'-0"

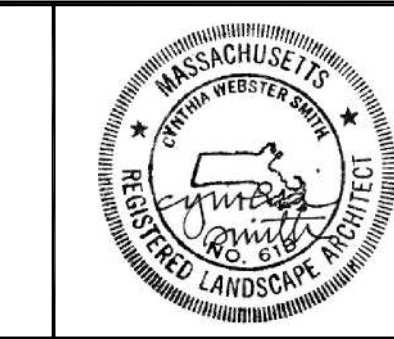


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ISSUED FOR BID

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Job No.	2009143.01-A
Designed by	CS
Drawn by	YL
Checked by	CS
Approved by	CS

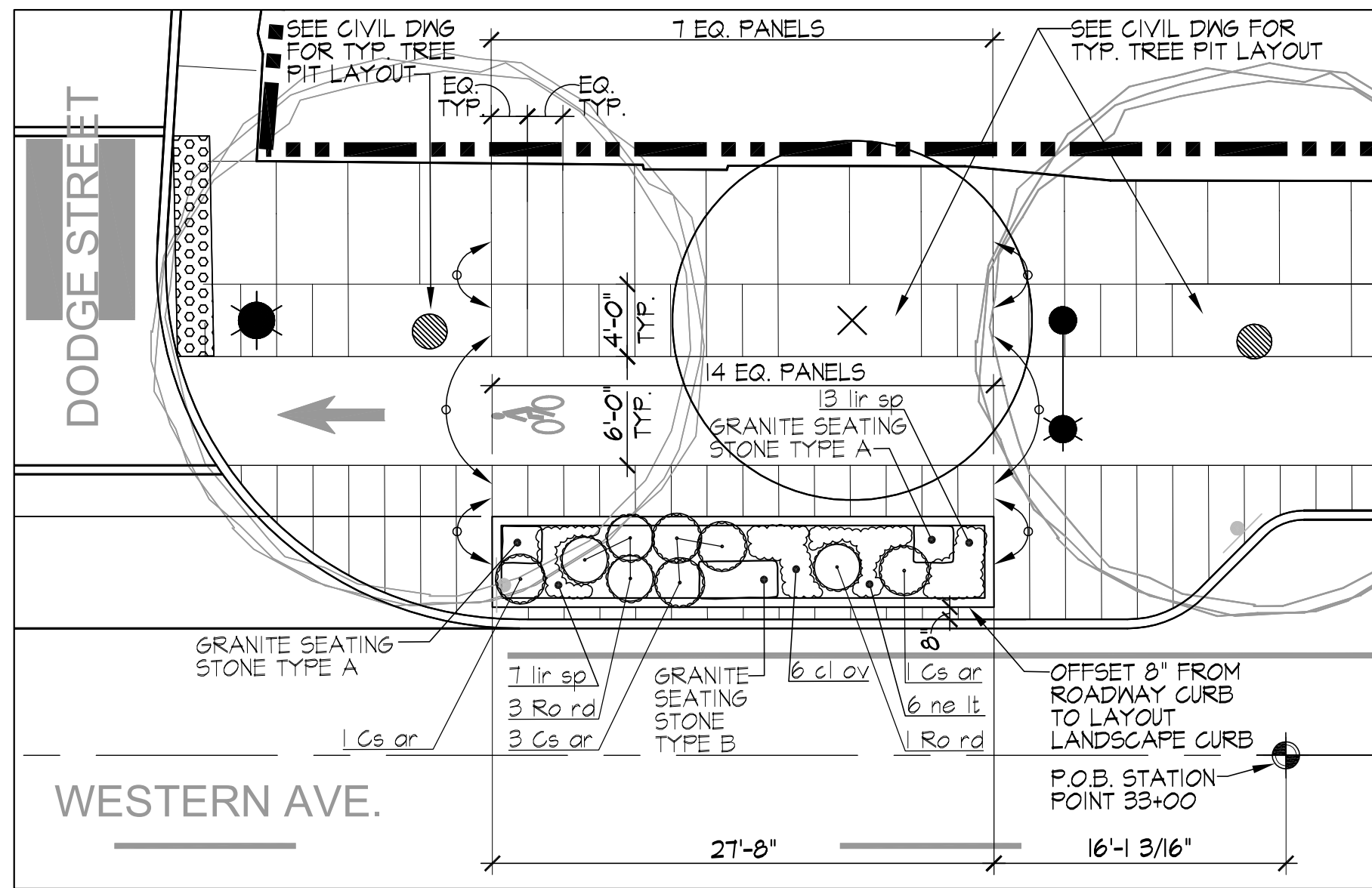


Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETScape PLANTING PLAN-1 & PLANTER ENLARGEMENT & LAYOUT PLAN

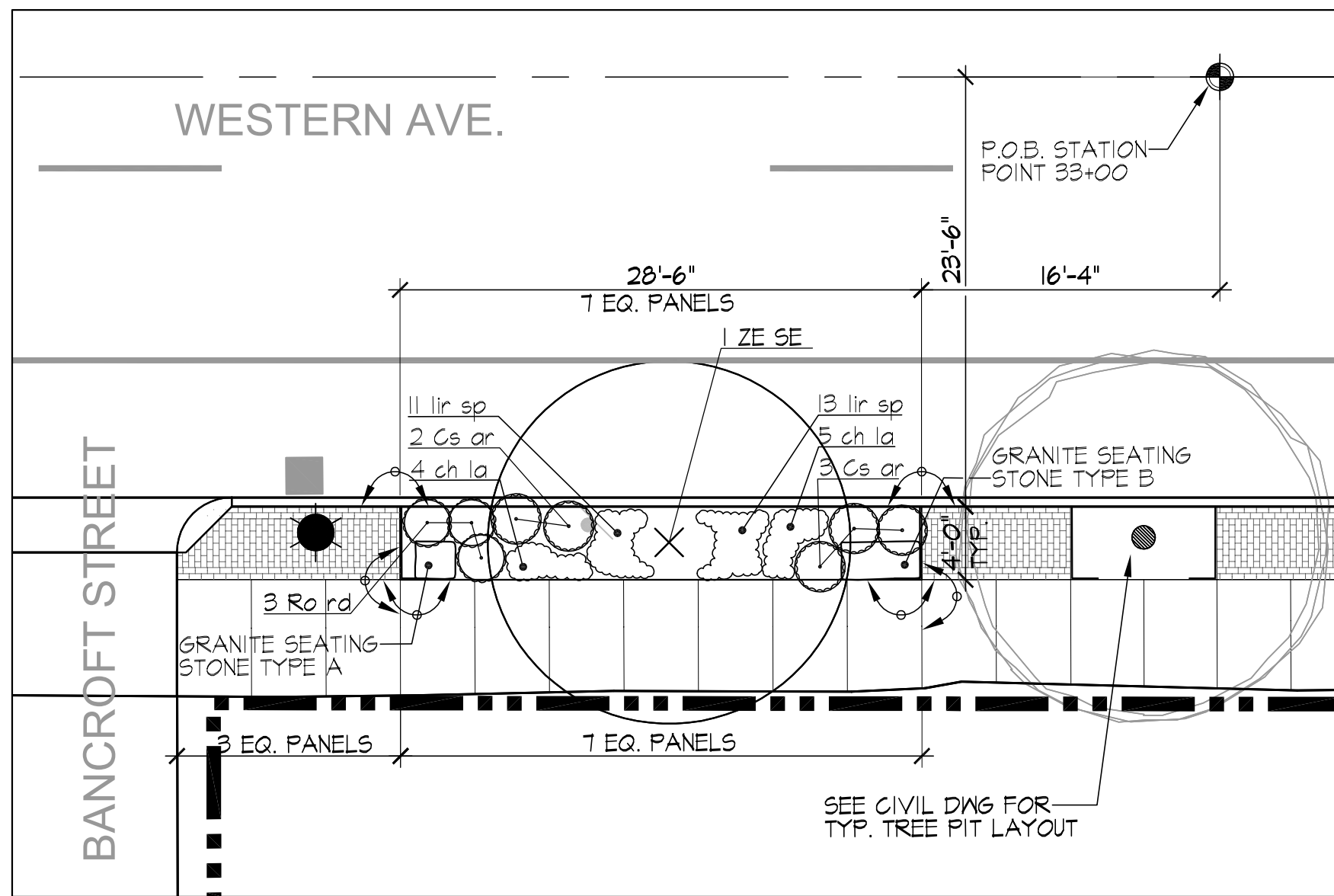
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File No.	

CONTINUED ON SHEET 1 OF 5

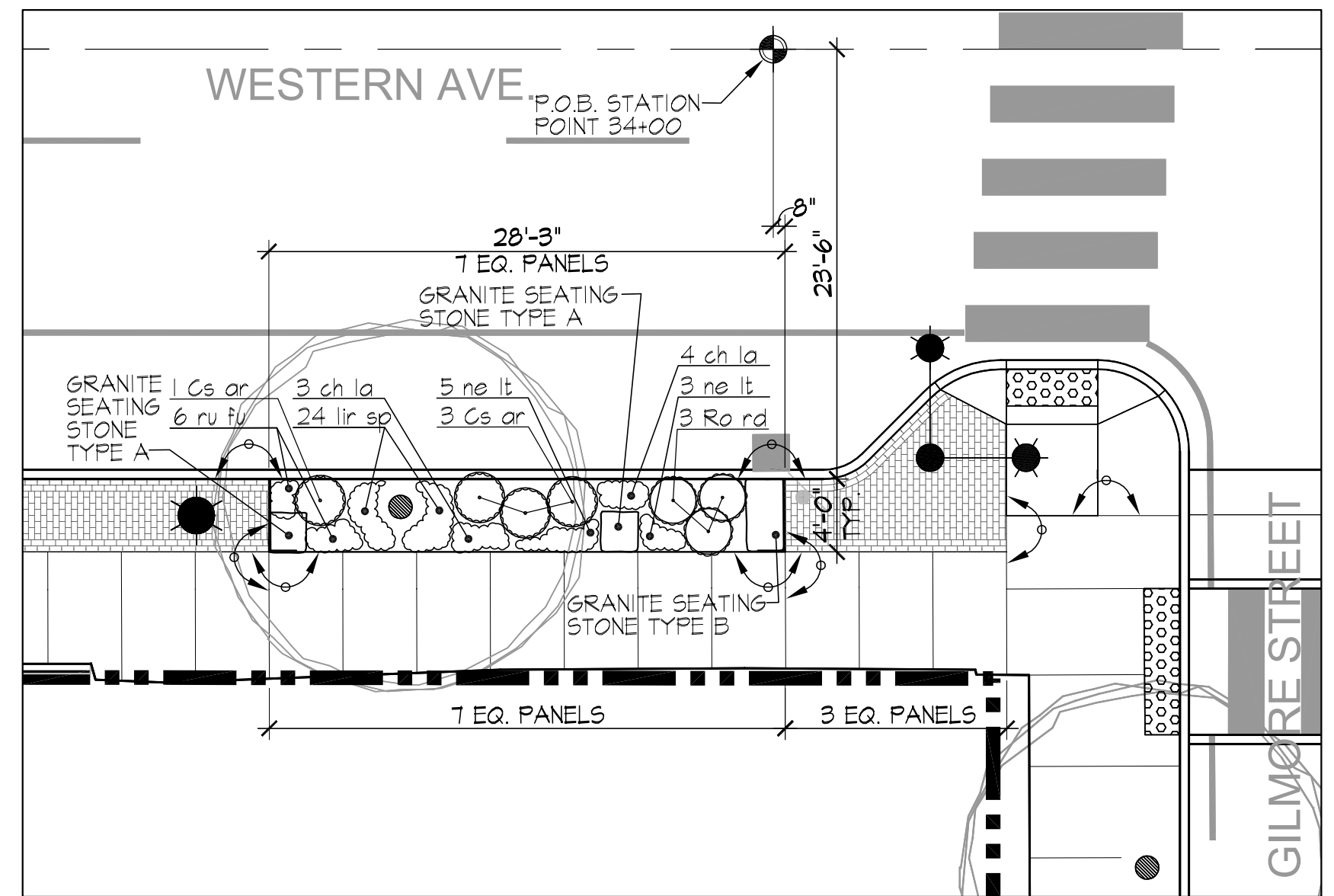
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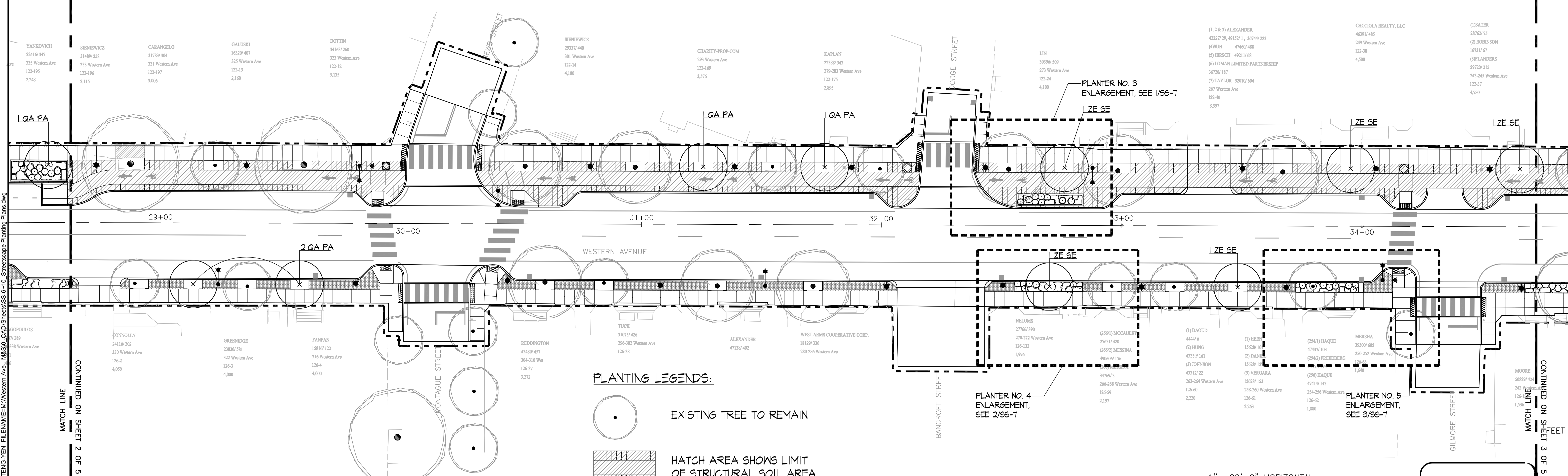
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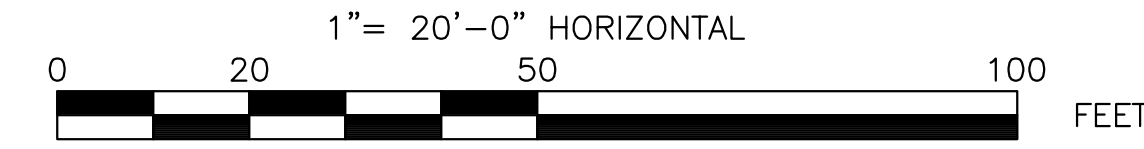


3 PLANTER NO. 5 ENLARGEMENT & LAYOUT PLAN
Scale: 1/8" = 1'-0"



PLANTING LEGENDS:

- EXISTING TREE TO REMAIN
- HATCH AREA SHOWS LIMIT OF STRUCTURAL SOIL AREA

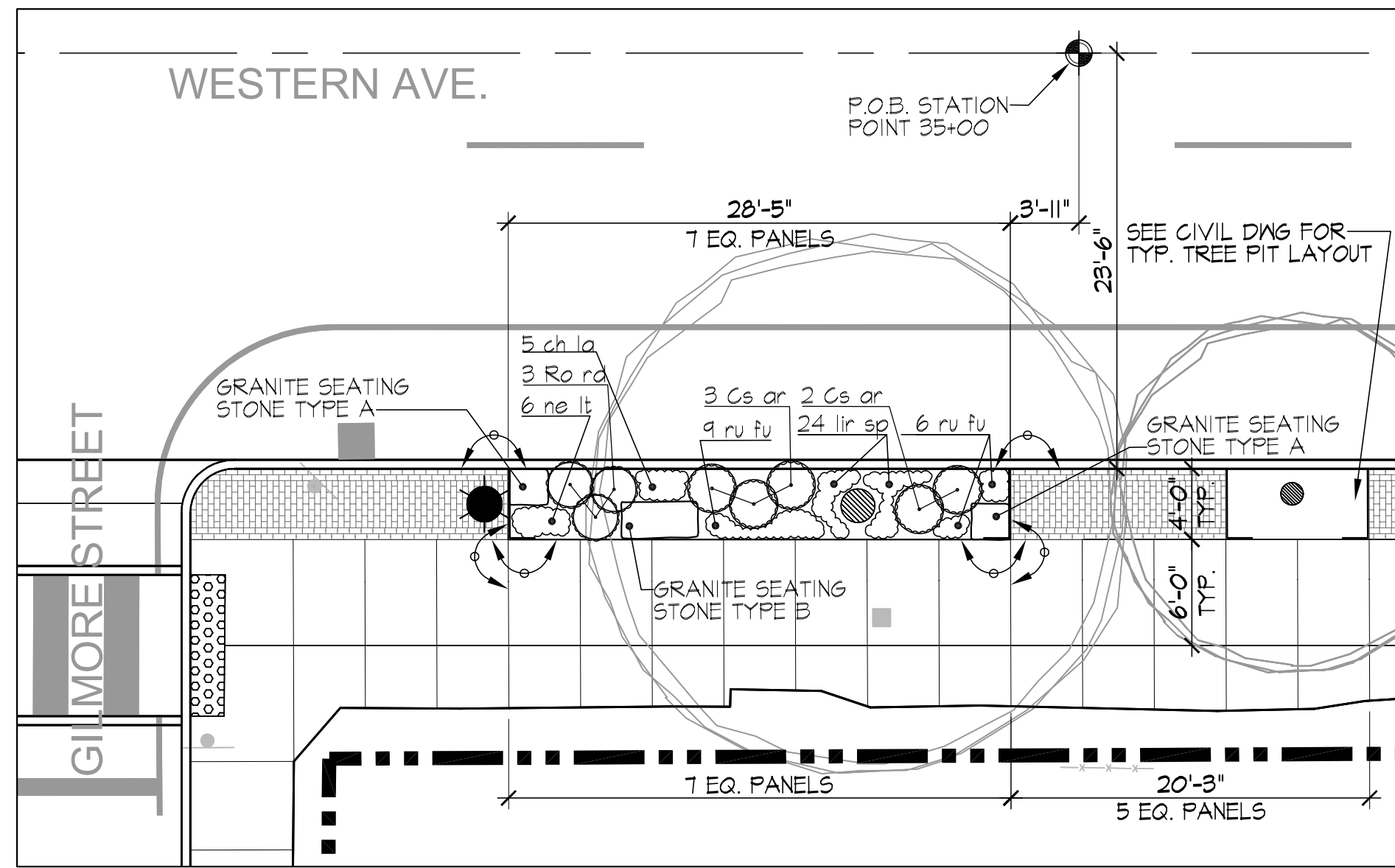


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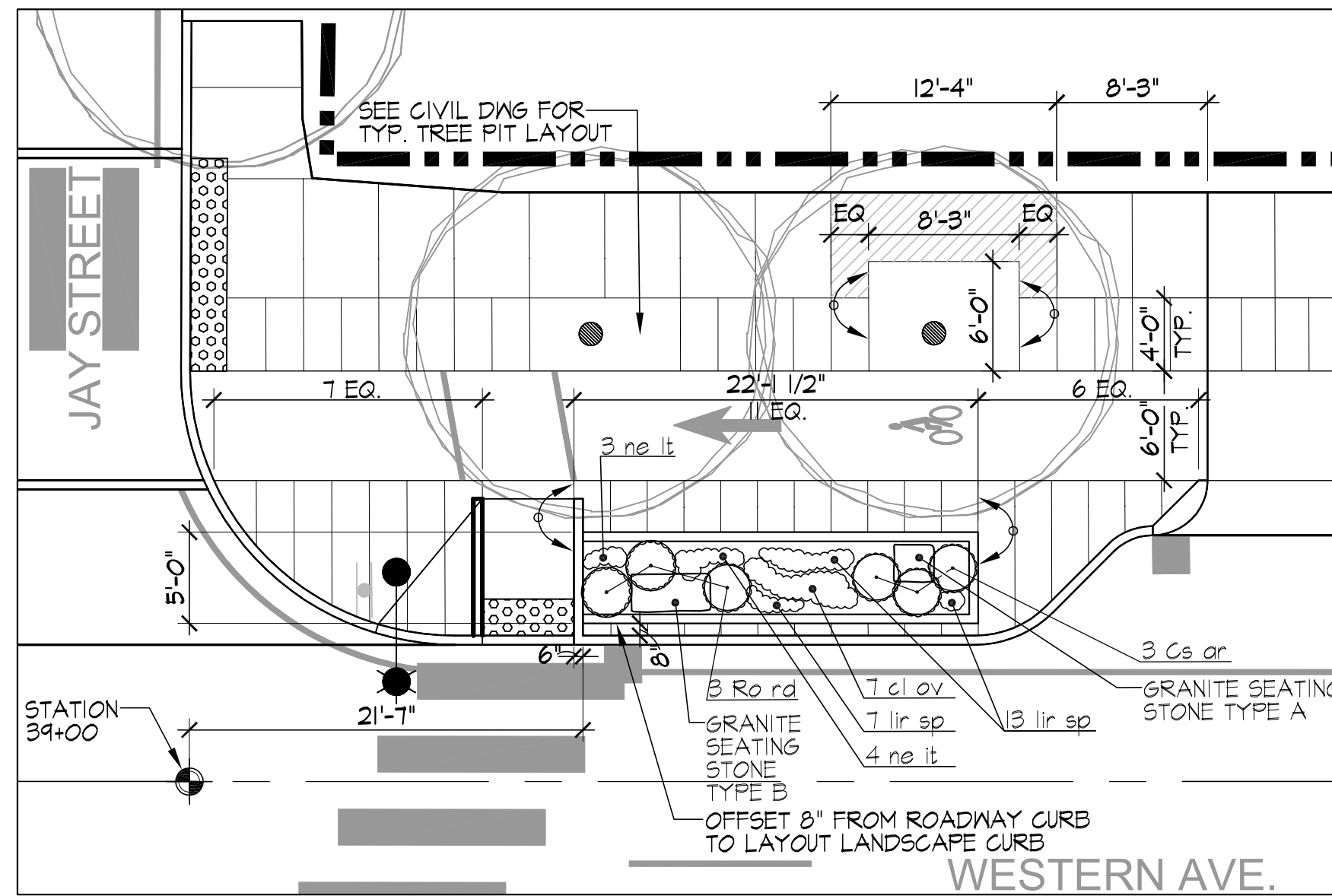
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GOPPOULOS 77/289 338 Western Ave	CONNOLLY 24116/302 330 Western Ave 126-2 4,650	GREENIDGE 23630/381 322 Western Ave 126-3 4,000	FANFAN 15816/122 316 Western Ave 126-4 4,000	REDDINGTON 43480/457 304-310 W 126-57 3,272	TUCK 31075/426 296-302 Western Ave 126-38	ALEXANDER 47138/402	WEST ARMS COOPERATIVE CORP. 18129/336 280-286 Western Ave	NELOMS 27766/390 270-272 Western Ave 126-132 1,976	(266/1) MCCALDIN 27631/420 (266/2) MESSINA 49960/155 34769/3 266-268 Western Ave 126-59 2,197	(1) DAVID 4444/6 15628/10 43339/161 (3) JOHNSON 15628/15 43312/22 262-264 Western Ave 126-60 2,220	(1) HERR 15628/10 (2) DAN 15628/15 (3) VERGARA 15628/153 258-260 Western Ave 126-61 2,263	(254/1) HAQUE 47414/143 (254/2) THRESDORF 26-61 1,640 (260) HAQUE 47414/143 254-256 Western Ave 126-62 1,880	MERSHA 39300/665 250-252 Western Ave 126-61 1,640	GITTE 18930/ 240 W 126-12 1,449	MOORE 58829/424 240 Western Ave 126-11 1,536
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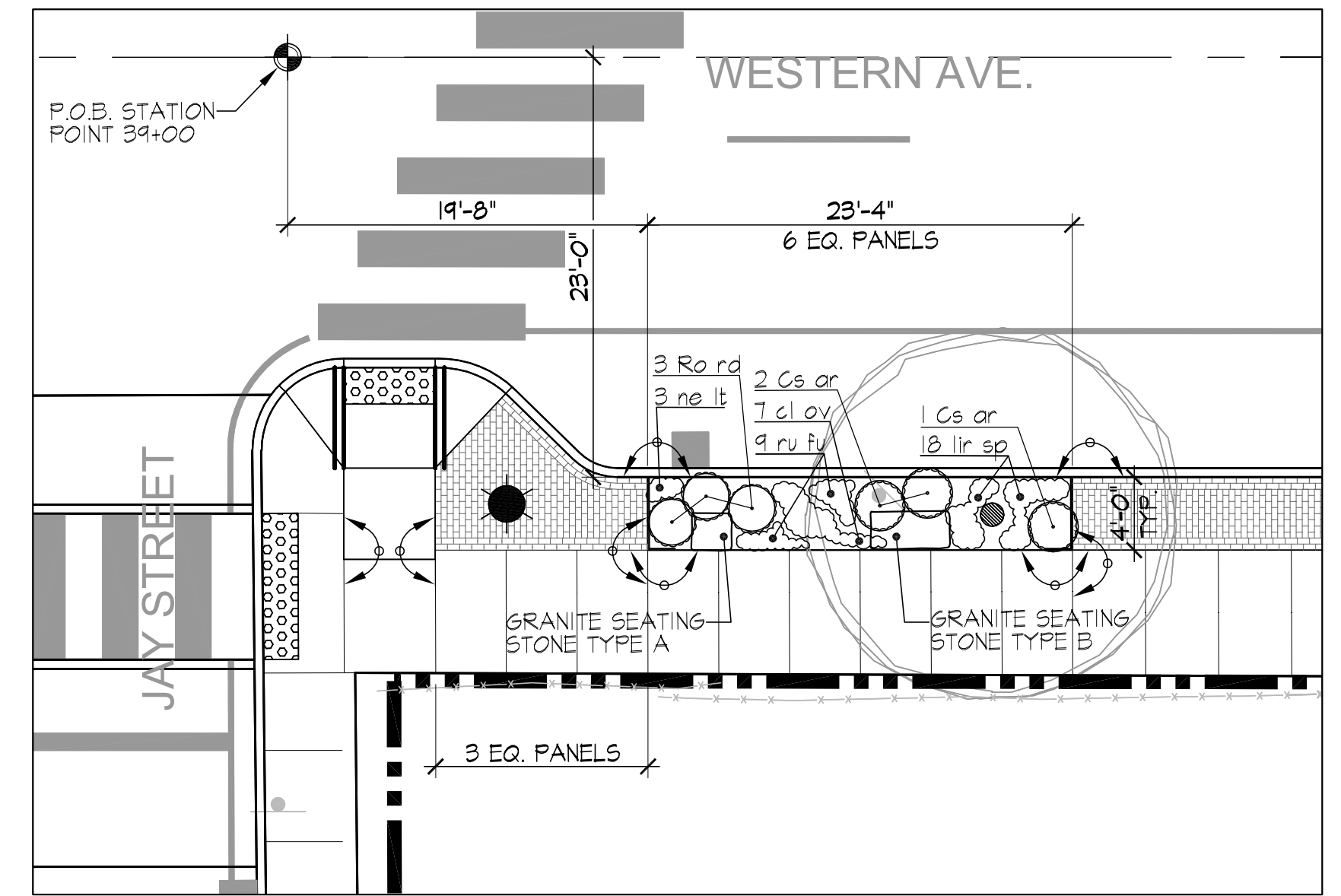
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				Date	May, 2012						
				Job No.	2009143.01-A				Drawing STREETSCAPE PLANTING PLAN-2 & PLANTER ENLARGEMENT & LAYOUT PLAN	File No.	
				Designed by	CS						
				Drawn by	YL						
				Checked by	CS	No.	Description	Date			
				Approved by	CS		REVISIONS				



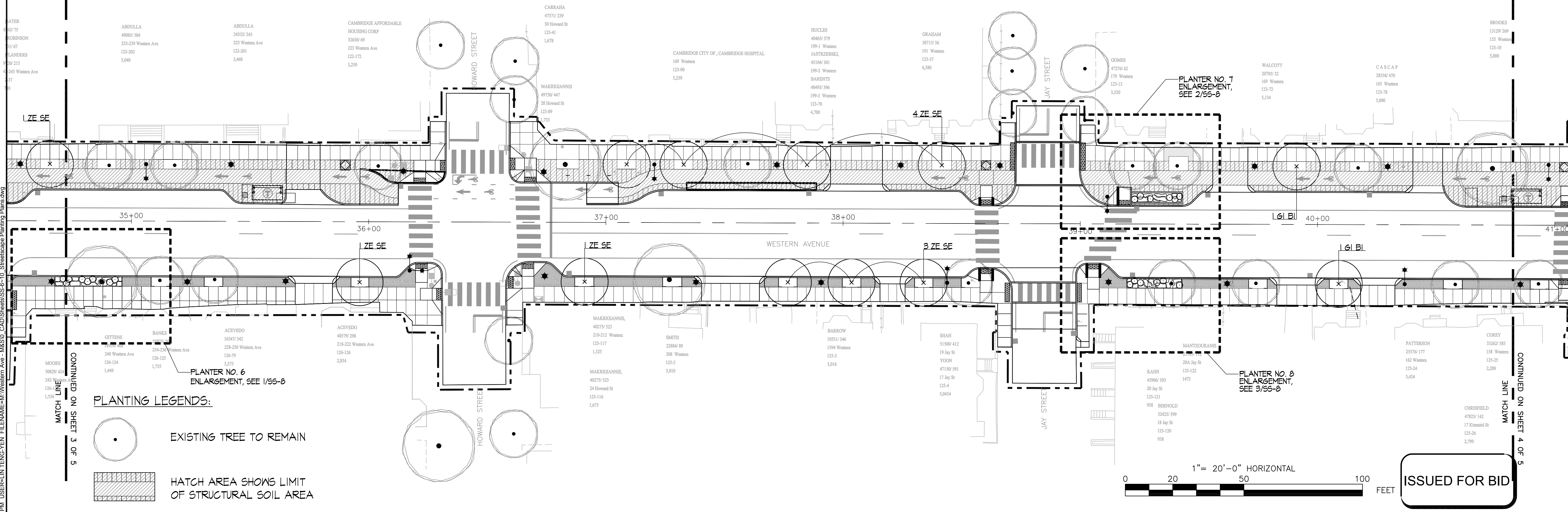
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2 PLANTER NO. 6 ENLARGEMENT & LAYOUT PLAN
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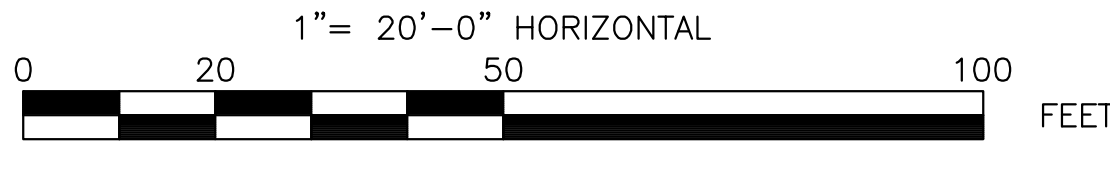


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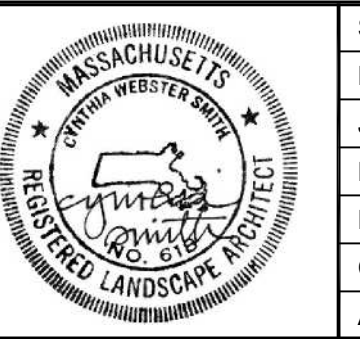


PLANTING LEGENDS:

- EXISTING TREE TO REMAIN
- HATCH AREA SHOWS LIMIT OF STRUCTURAL SOIL AREA



ISSUED FOR BID

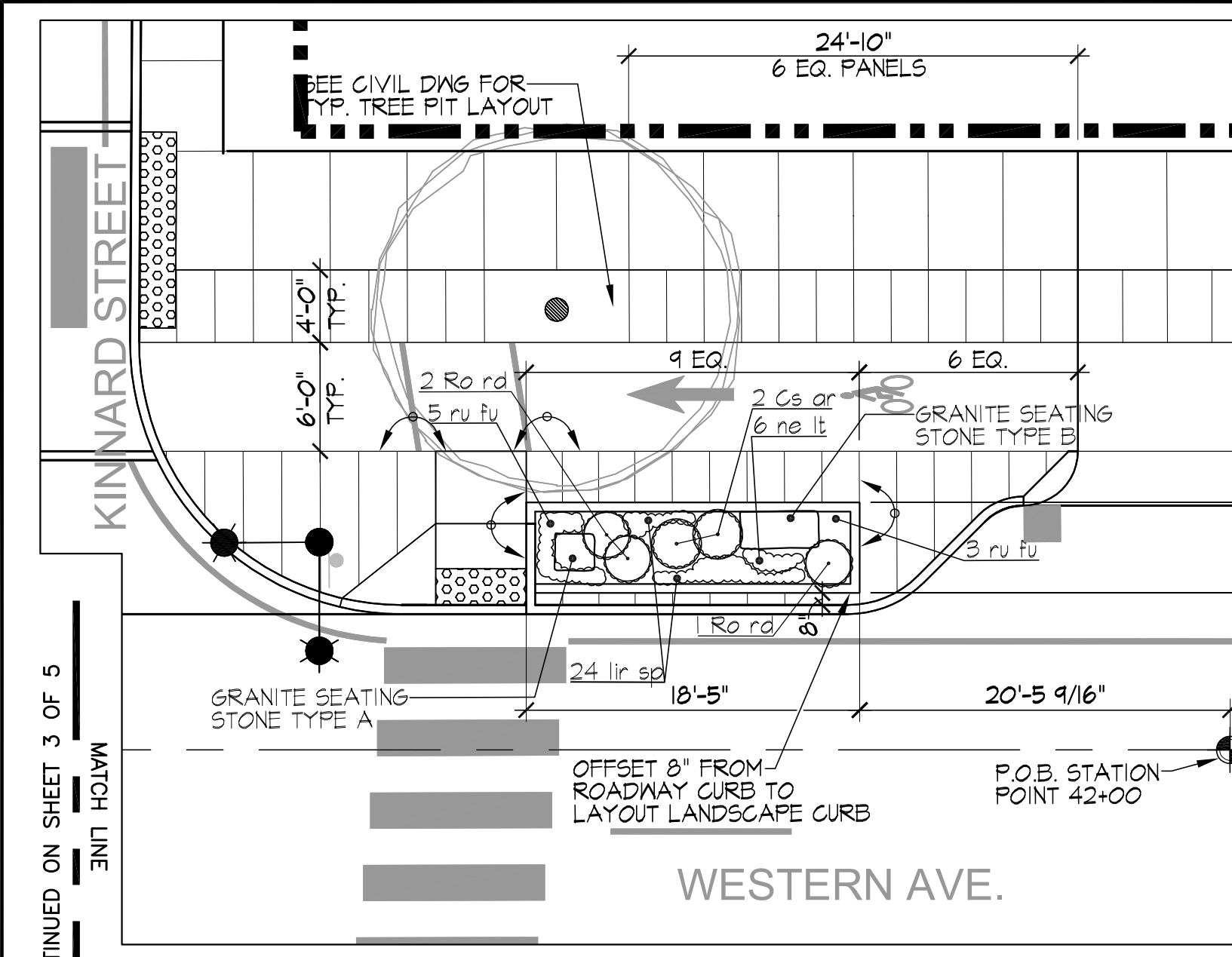


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Date	May, 2012			
Job No.	2009143.01-A			
Designed by	CS			
Drawn by	YL			
Checked by	CS	No.	Description	Date
Approved by	CS		REVISIONS	

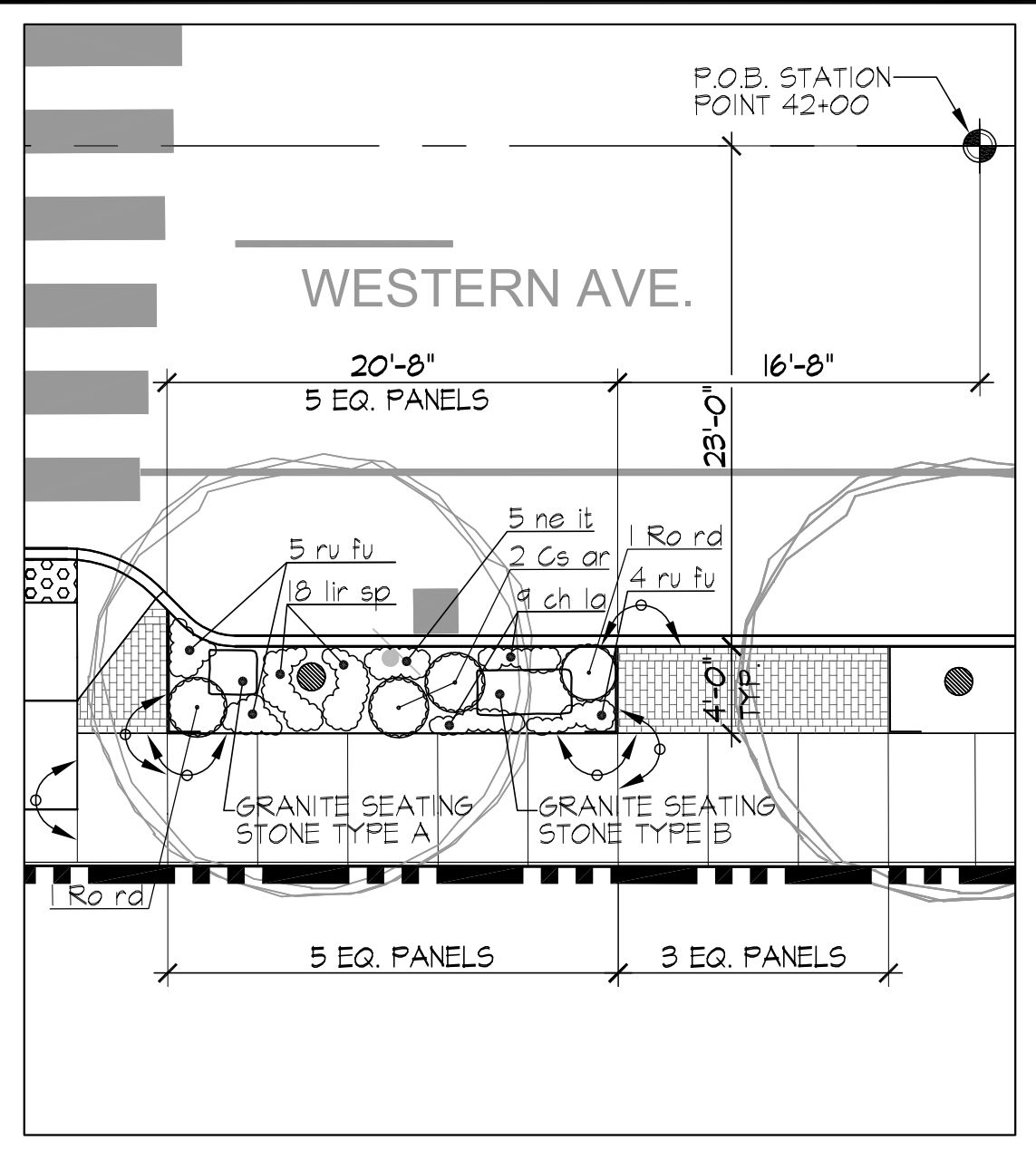


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Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE PLANTING PLAN-3 & PLANTER ENLARGEMENT & LAYOUT PLAN

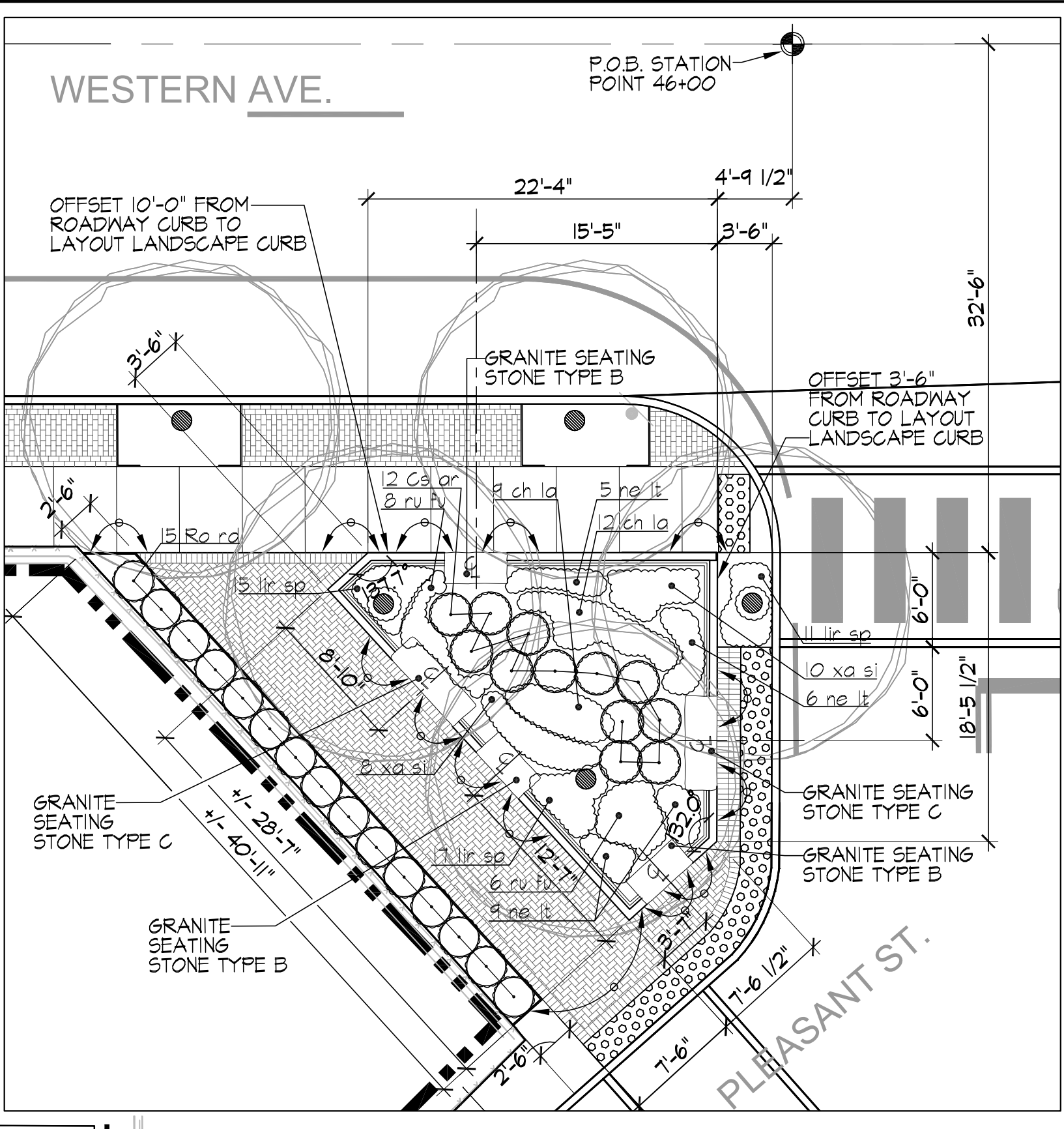
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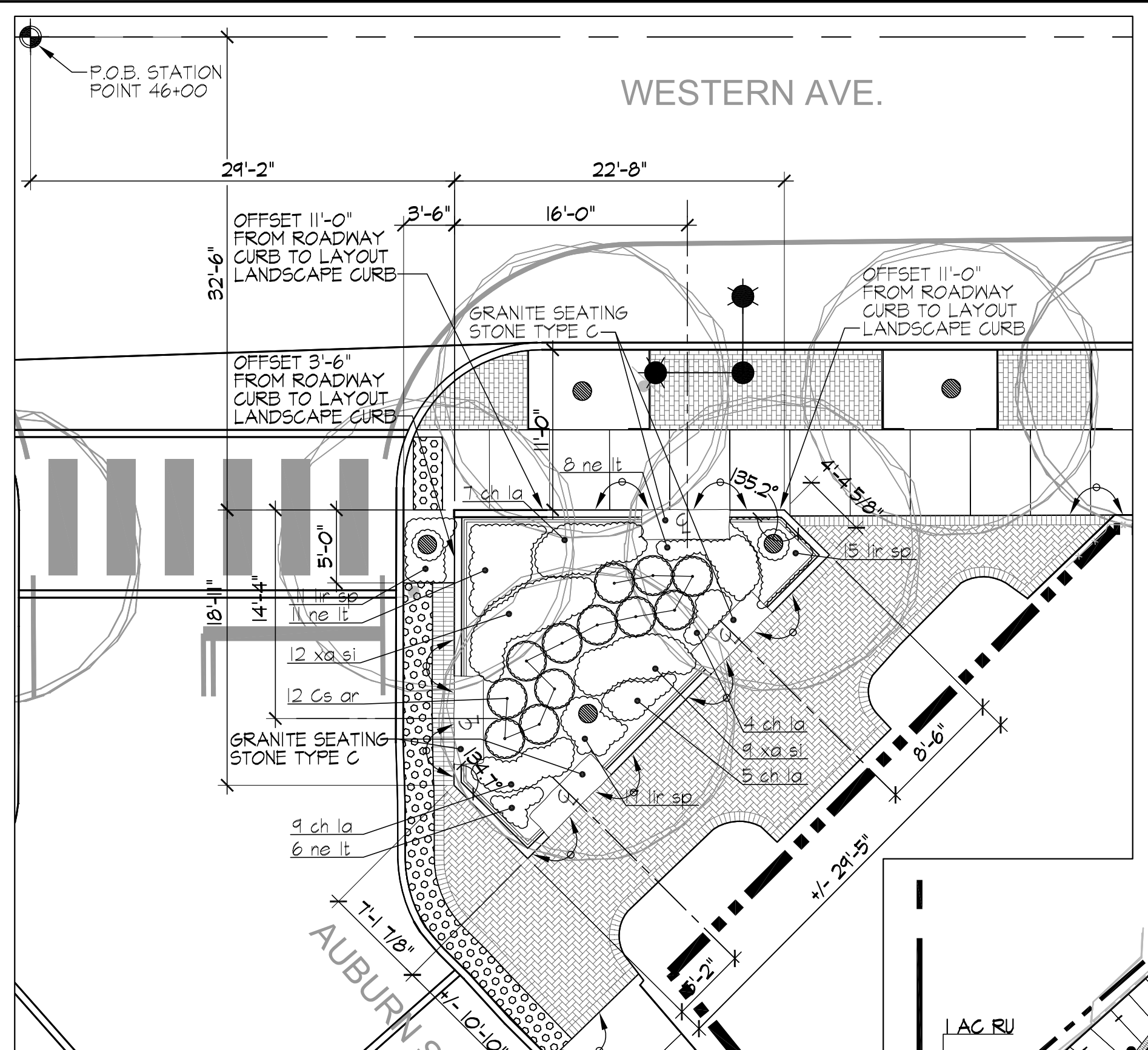
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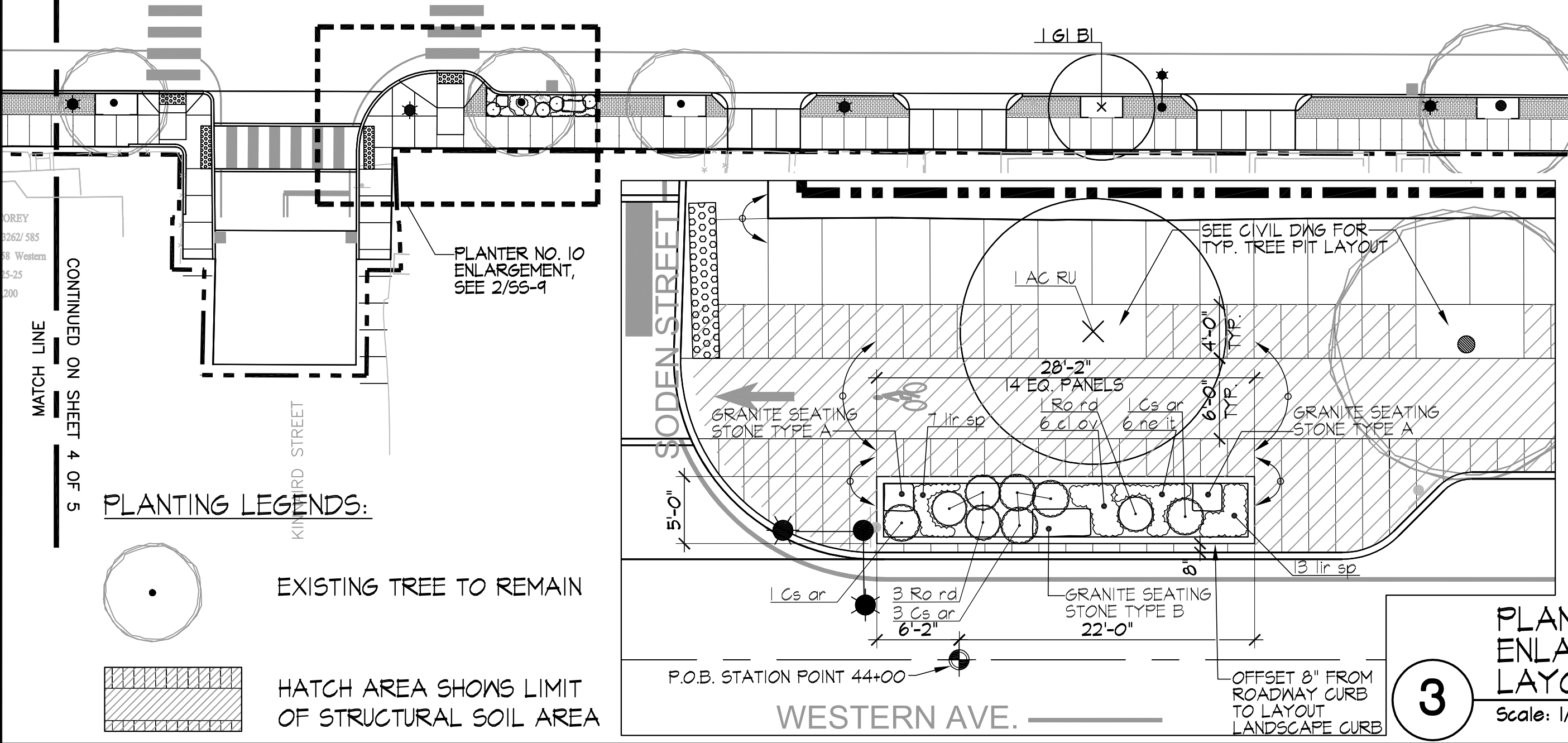
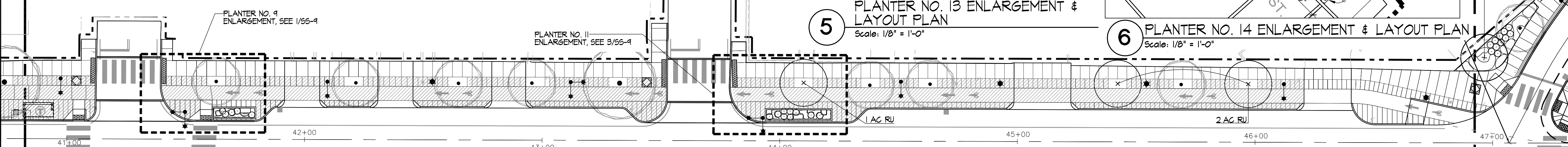
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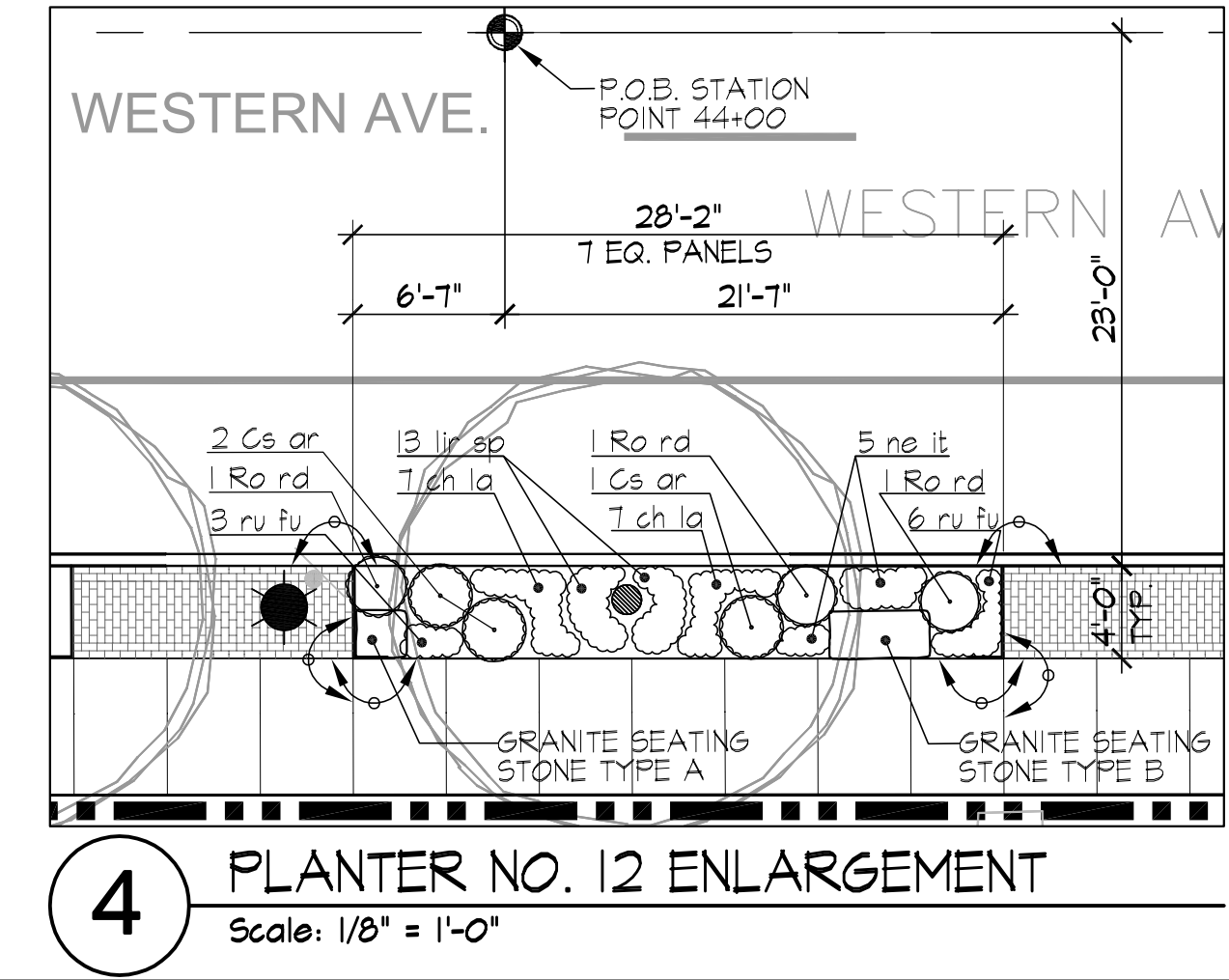
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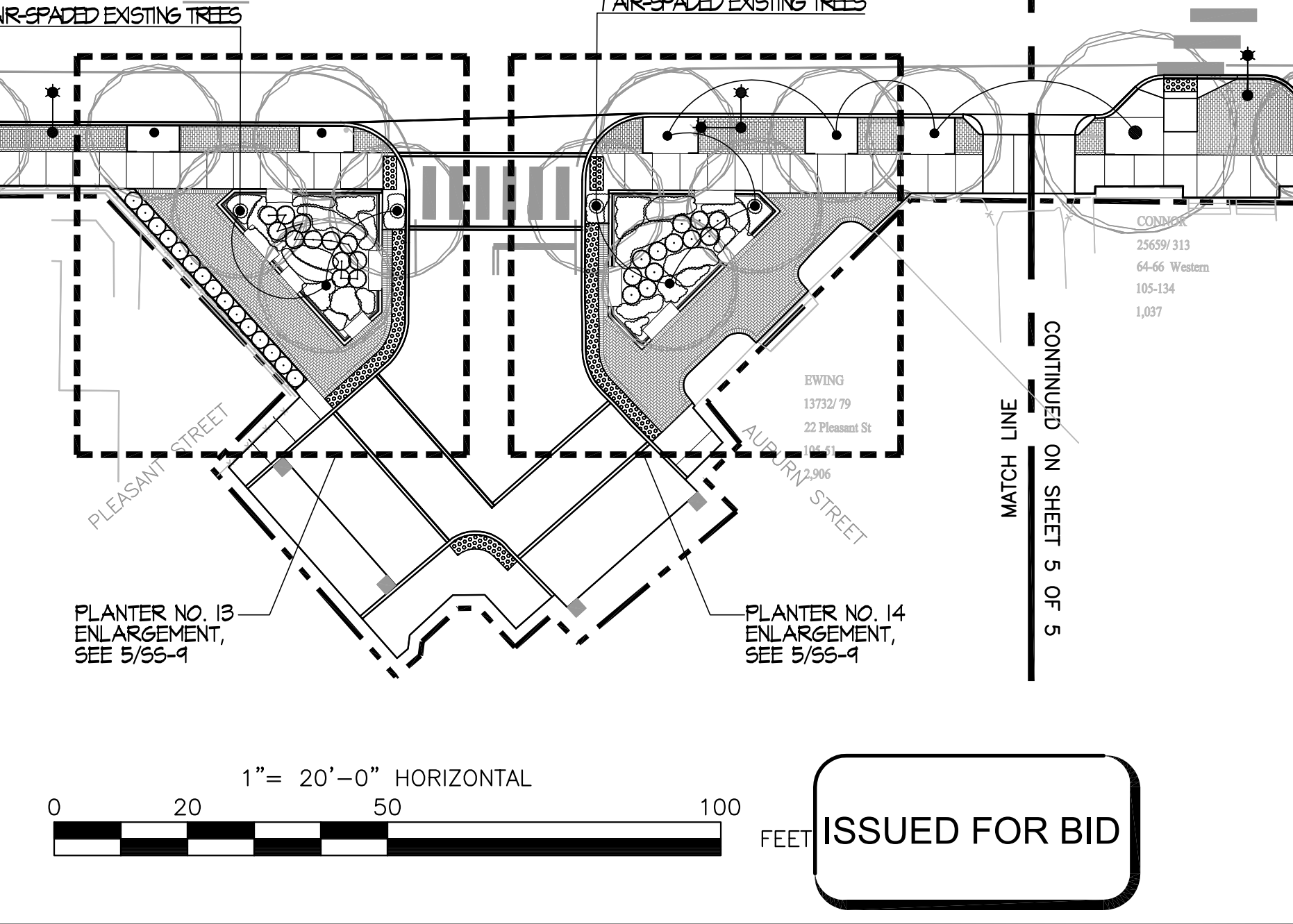
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Scale: 1/8" = 1'-0"



3 PLANTER NO. 11 ENLARGEMENT & LAYOUT PLAN
Scale: 1/8" = 1'-0"



4 PLANTER NO. 12 ENLARGEMENT
Scale: 1/8" = 1'-0"

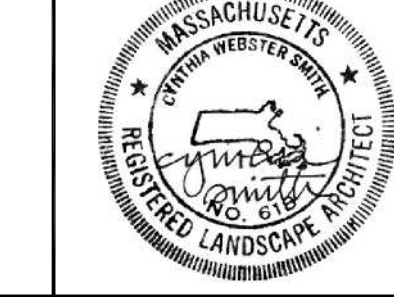


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6 PLANTER NO. 14 ENLARGEMENT, SEE 5/55-4

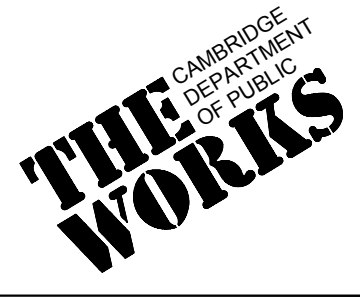
PLANTING LEGENDS:
 EXISTING TREE TO REMAIN
 HATCH AREA SHOWS LIMIT OF STRUCTURAL SOIL AREA

1" = 20'-0" HORIZONTAL
 0 20 50 100 FEET
ISSUED FOR BID

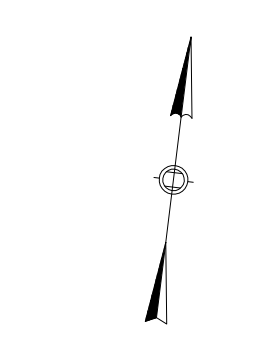
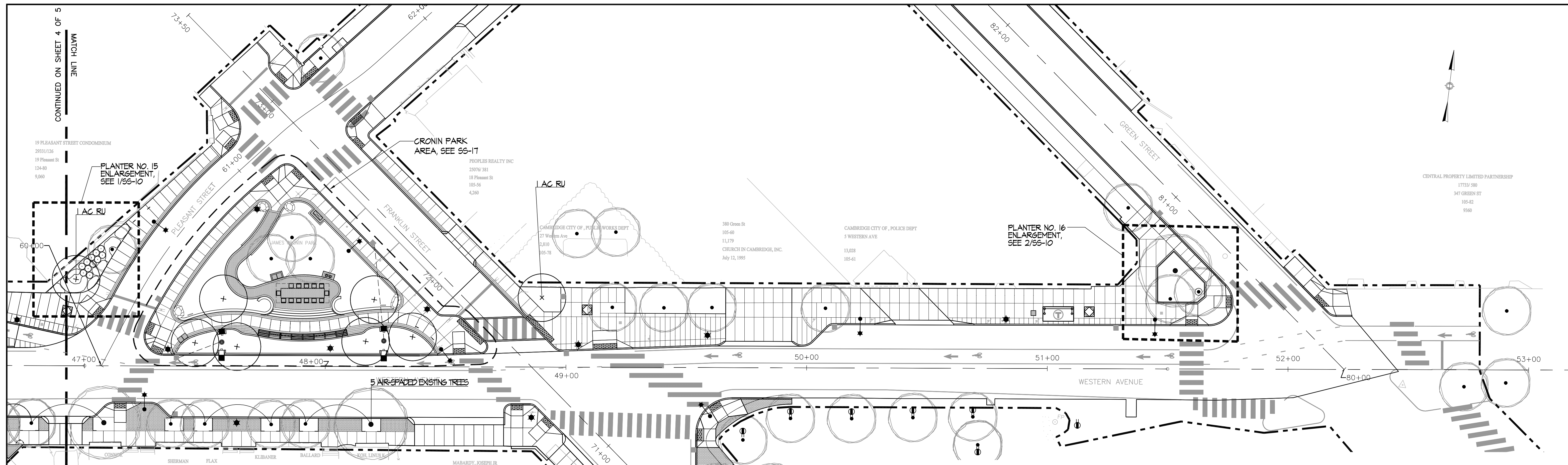
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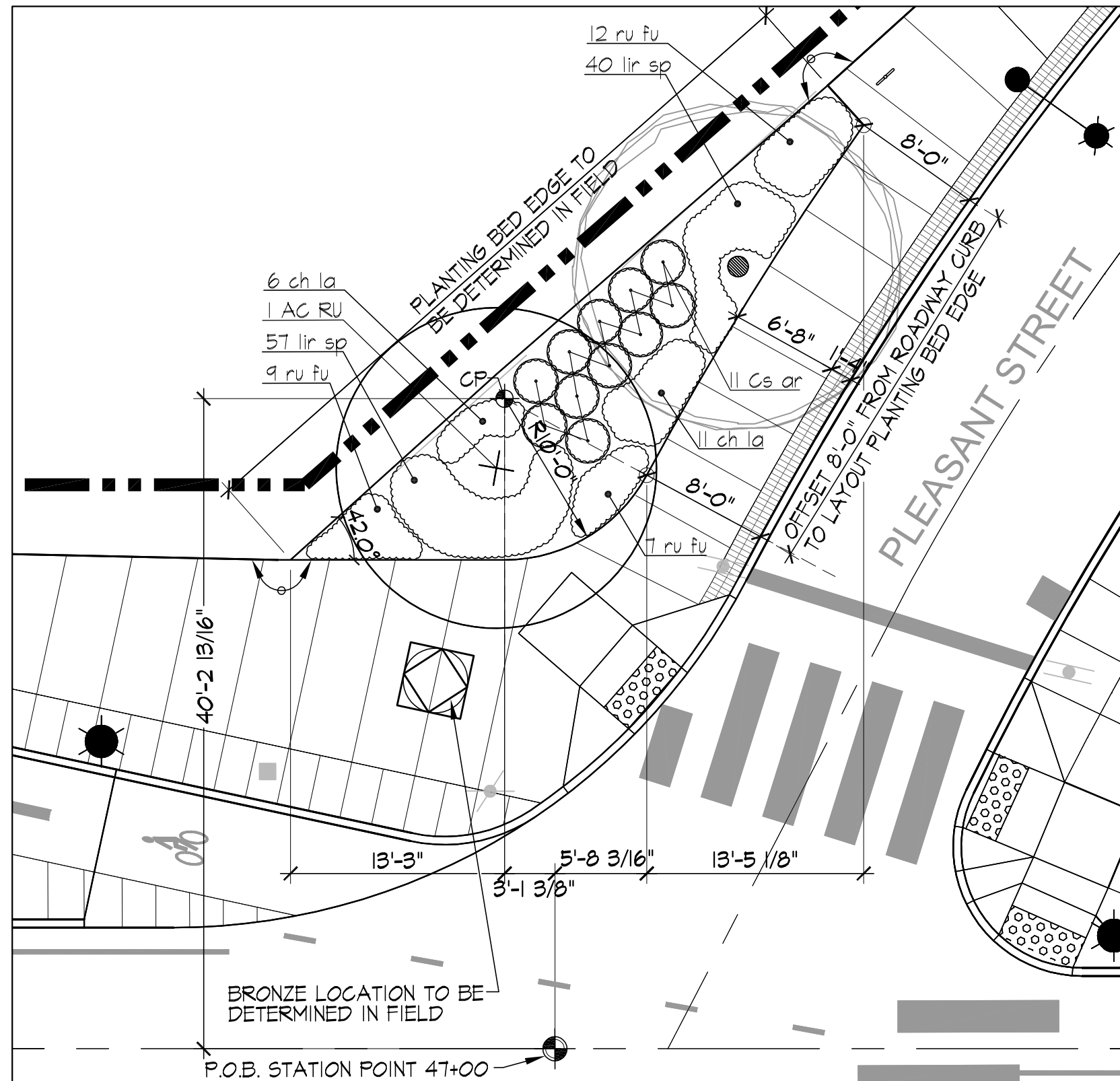
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Job No.	2009143.01-A		
Designed by	CS		
Drawn by	YL		
Checked by	CS	No.	Description
Approved by	CS		Date
			REVISIONS



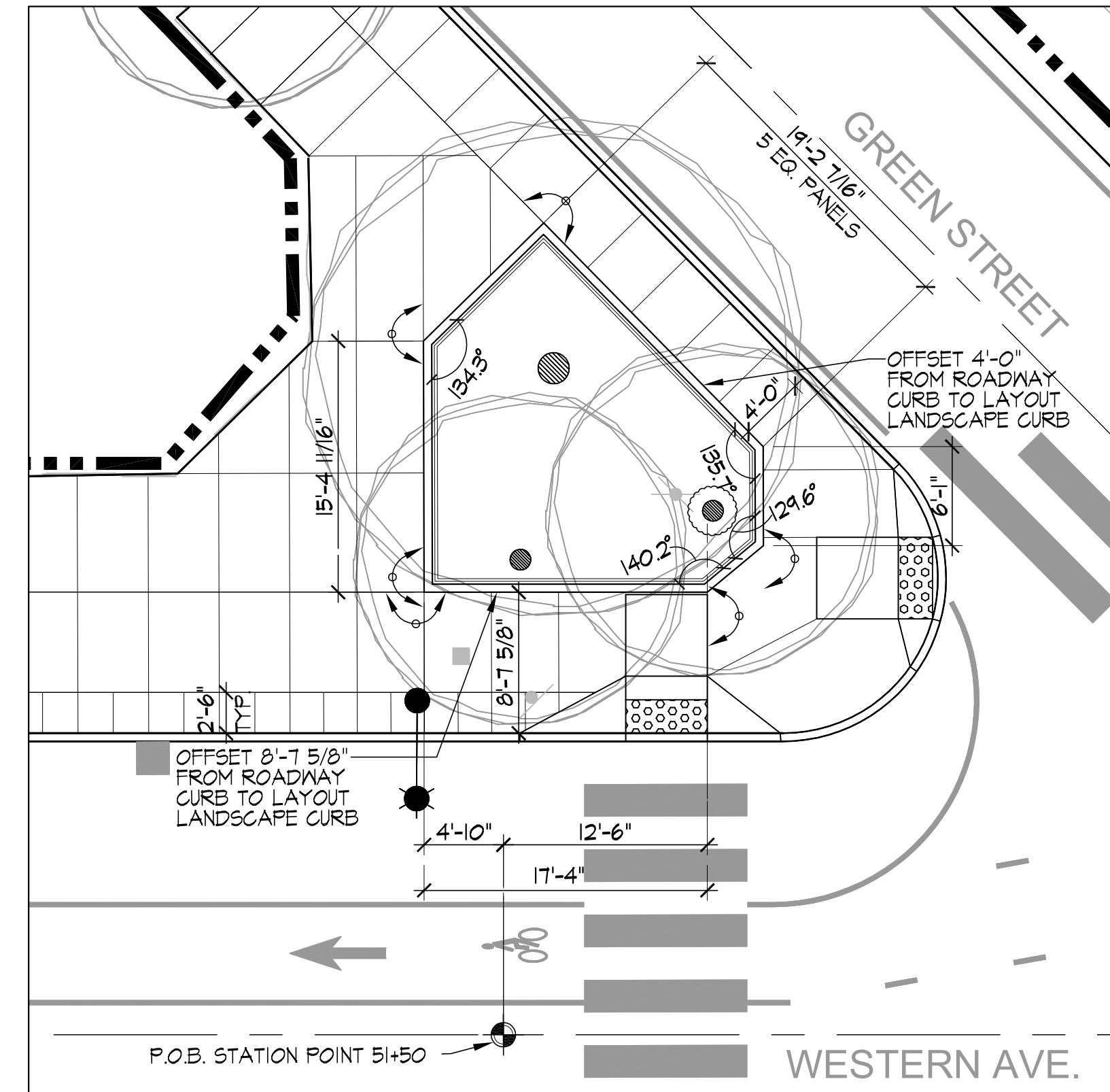
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Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	STREETSCAPE PLANTING PLAN-4 & PLANTER ENLARGEMENT & LAYOUT PLAN		



CENTRAL PROPERTY LIMITED PARTNERSHIP
1773V 580
347 GREEN ST
105-82
9569

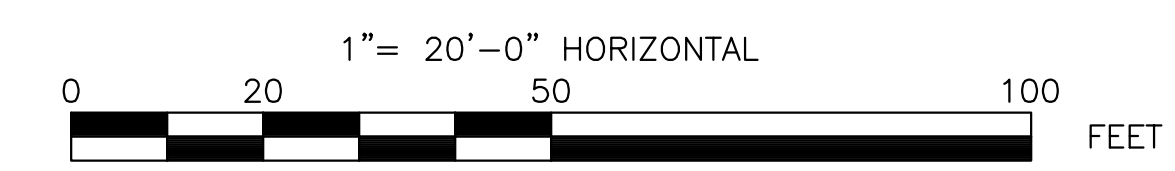


1 PLANTER NO. 15 ENLARGEMENT & LAYOUT PLAN
Scale: 1/8" = 1'-0"



2 PLANTER NO. 16 ENLARGEMENT & LAYOUT PLAN
Scale: 1/8" = 1'-0"

PLANTING LEGENDS:
 EXISTING TREE TO REMAIN



ISSUED FOR BID

PLOT DATE=5/23/2012 3:36:17 PM USER=LIN TENG-YEN FILENAME=M:\Western Ave - M&S\0 CAD\Sheets\SS-10 Streetscape Planting Plans.dwg



HALVORSON DESIGN PARTNERSHIP
161 MASSACHUSETTS AVENUE, BOSTON MA 02116-3050
PHONE: 617-858-0888 FAX: 617-858-0838
WWW.HALVORSONDESIGN.COM

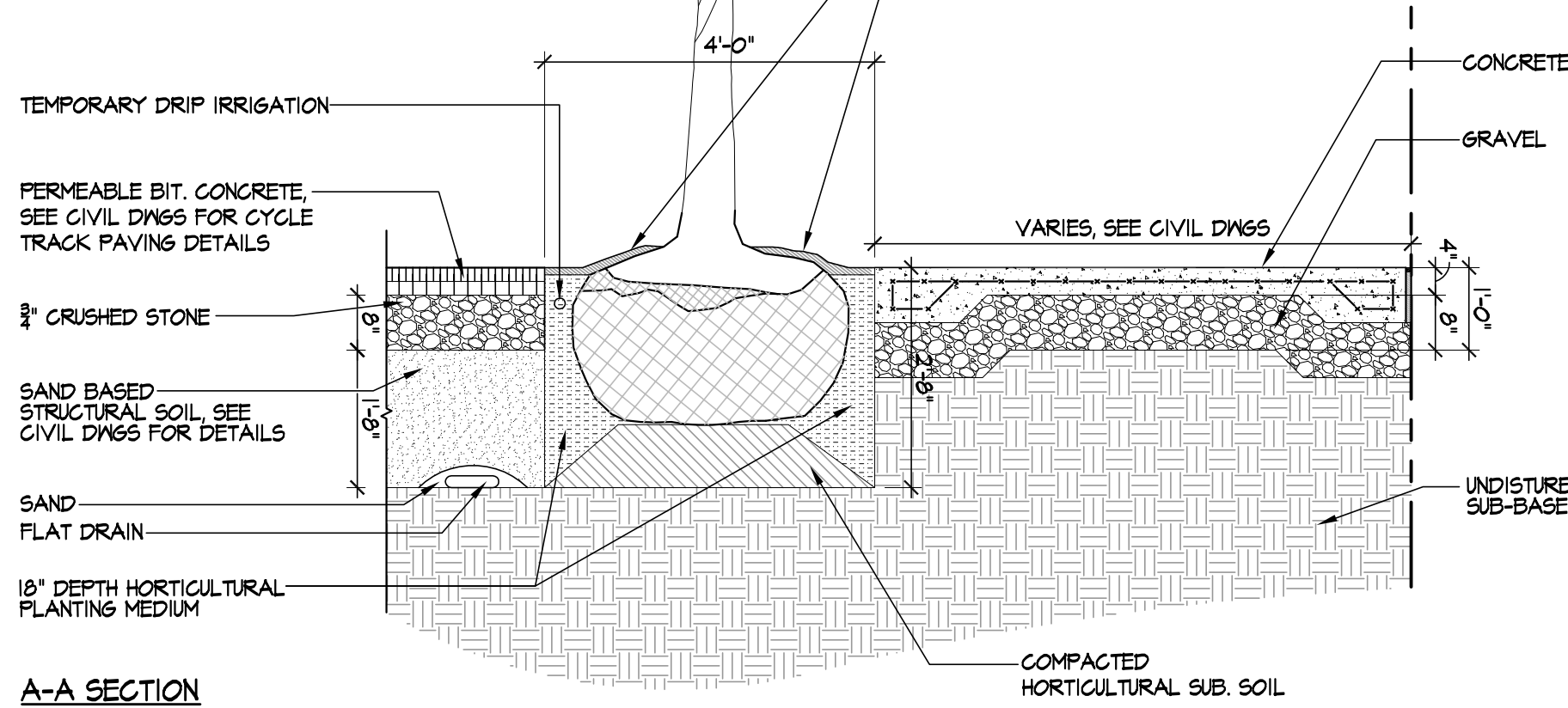
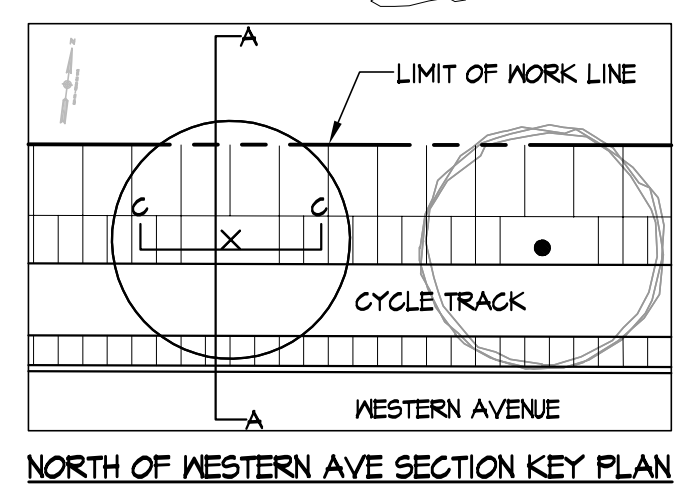


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Designed by	CS		
Drawn by	YL		
Checked by	CS	No.	Description
Approved by	CS		Date

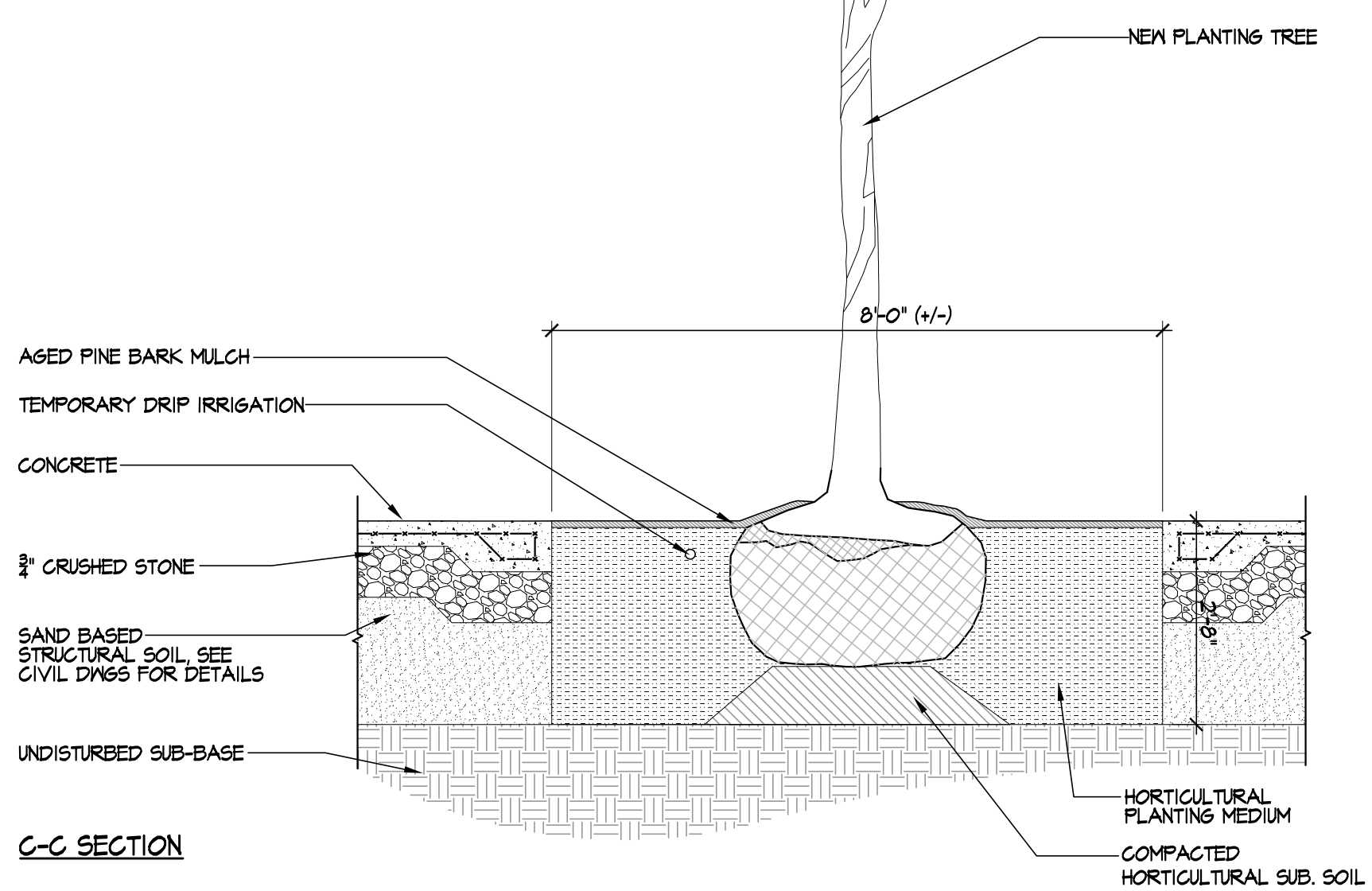


Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE PLANTING PLAN-5 & PLANTER ENLARGEMENT & LAYOUT PLAN

Sheet	SS-10
File No.	



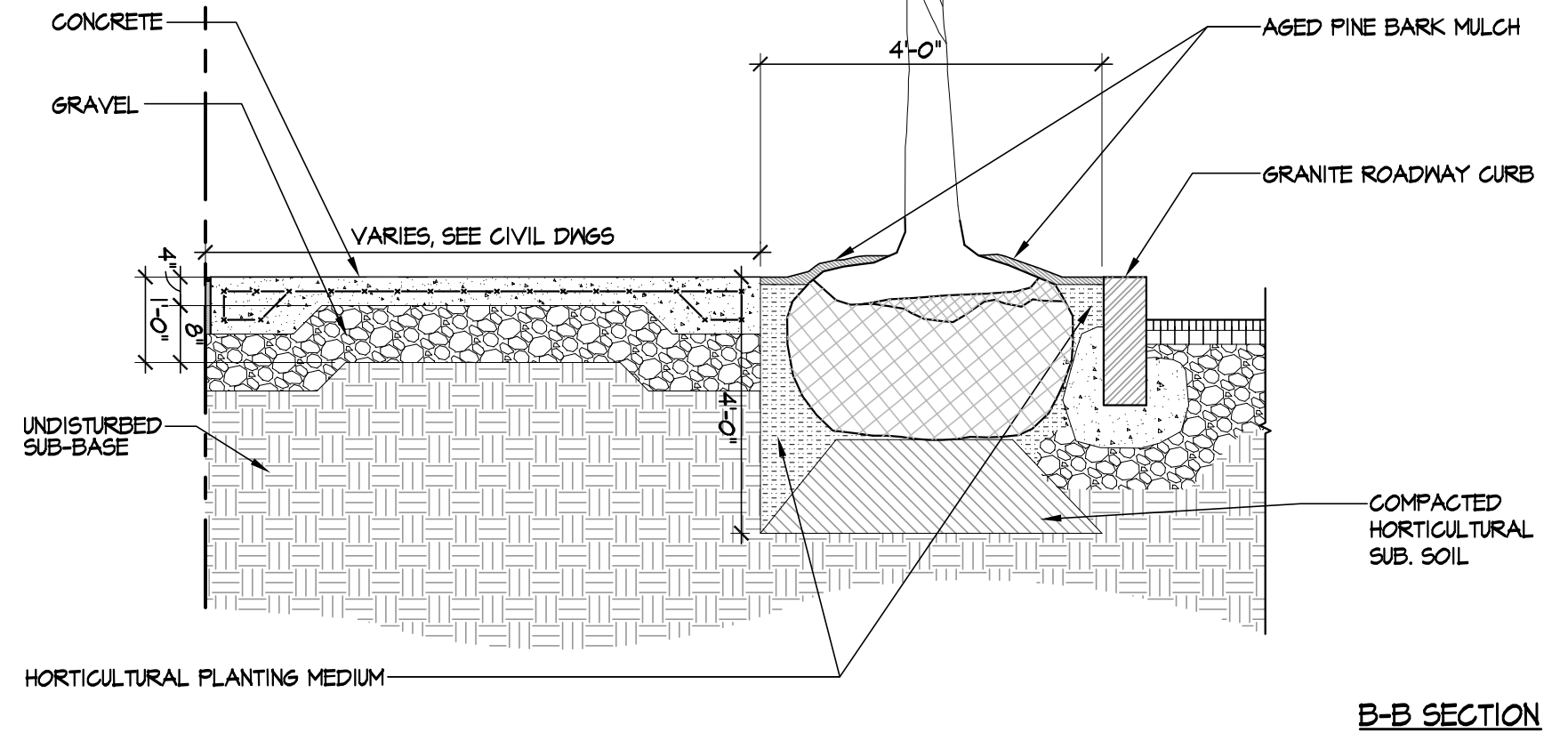
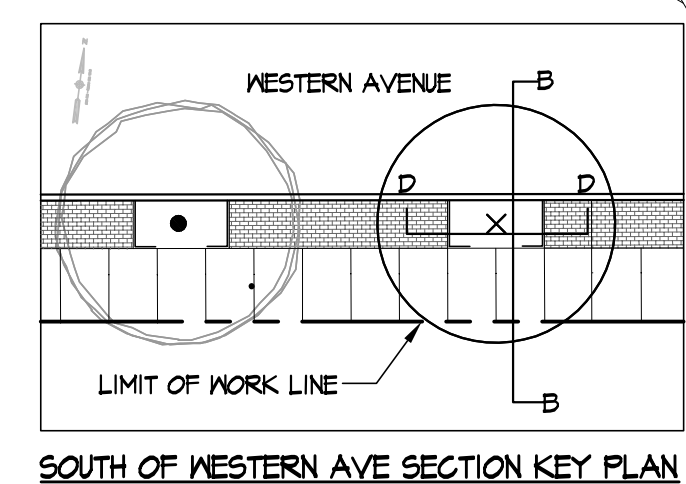
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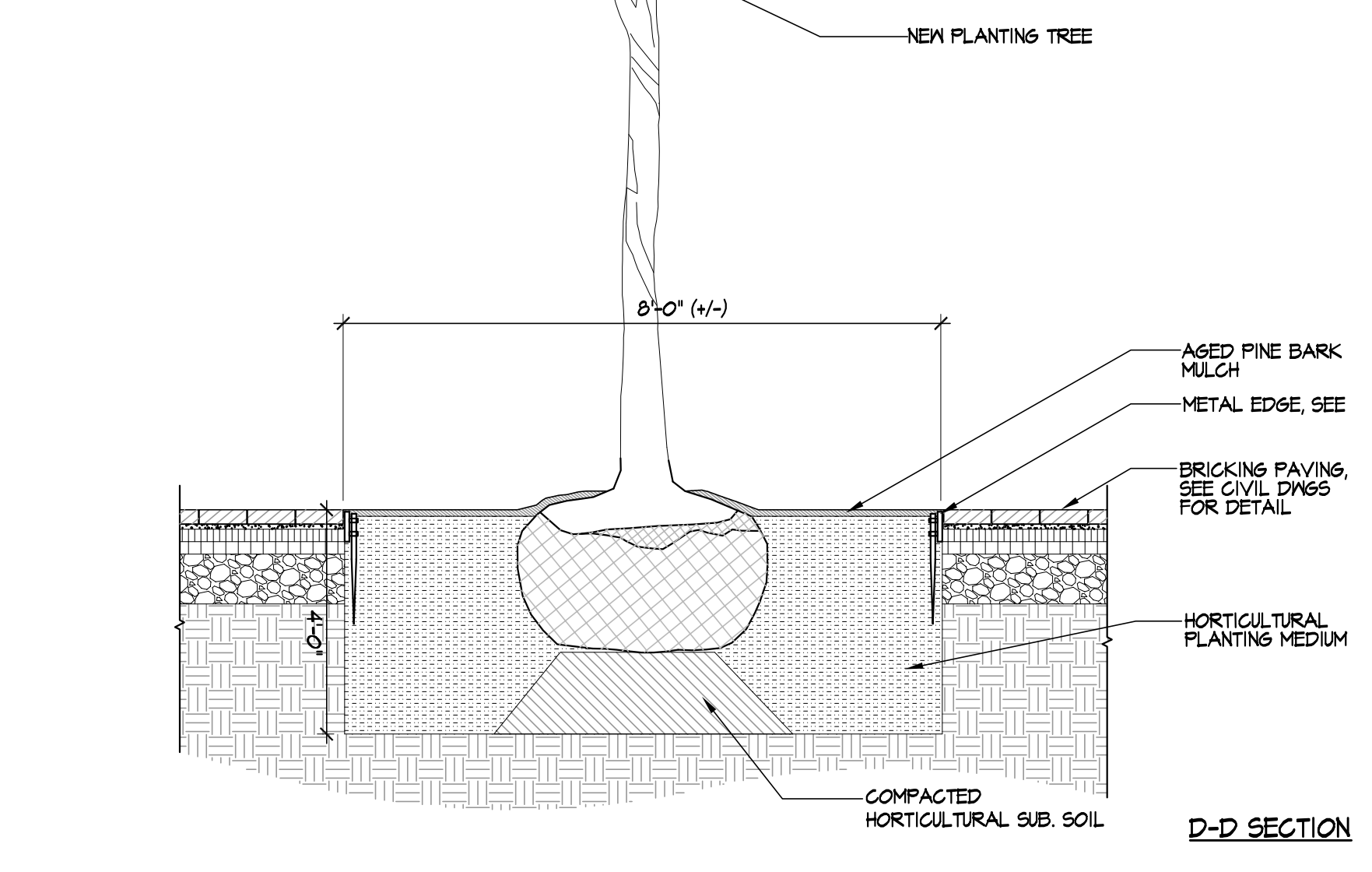
C-C SECTION

1 STREET TREE PLANTING AT NORTH SIDE WESTERN AVENUE, TYP

Scale: 1/2"=1'-0"



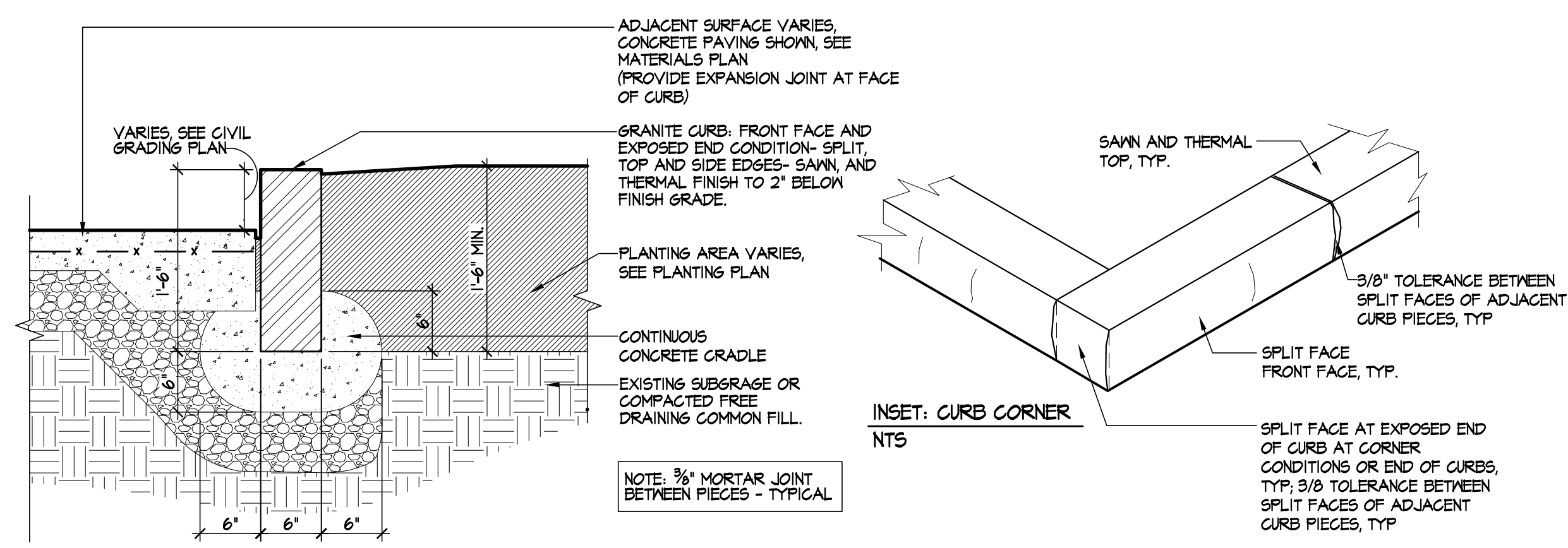
B-B SECTION



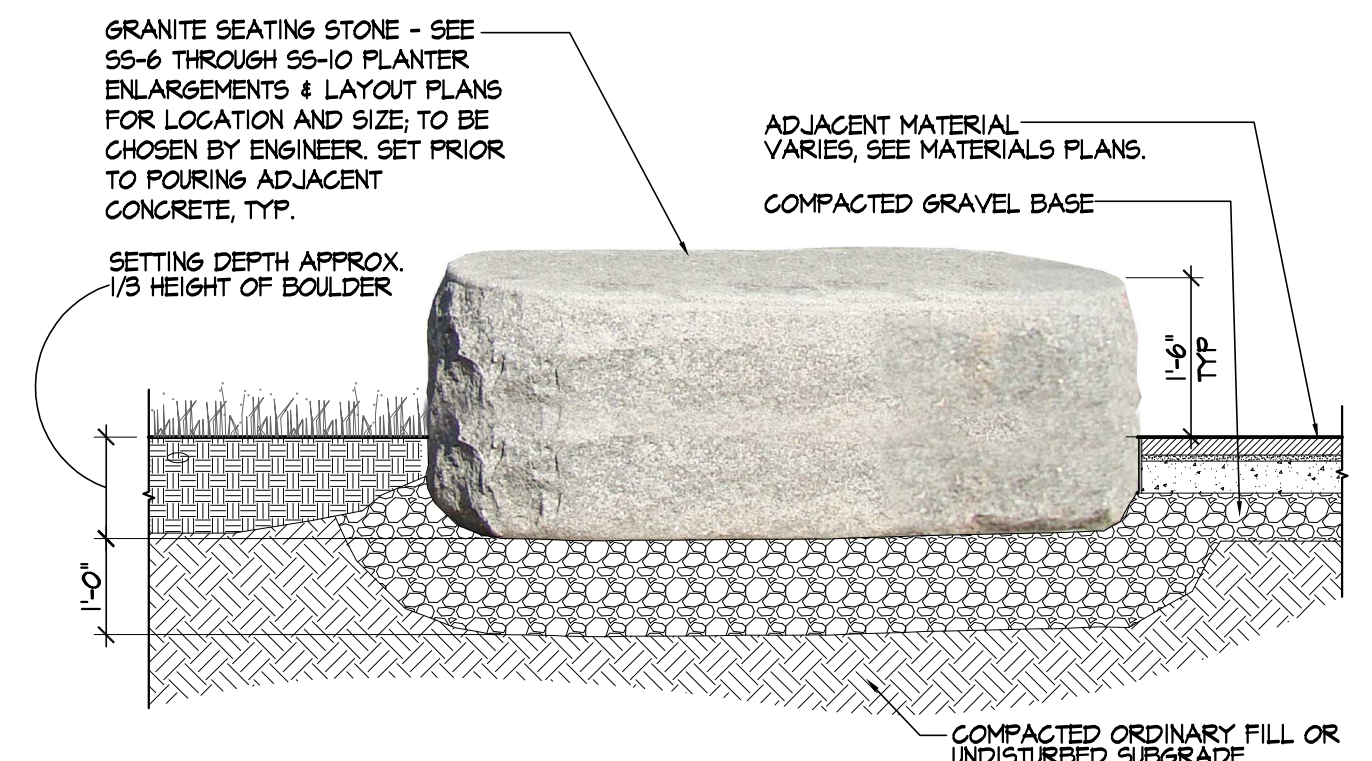
D-D SECTION

2 STREET TREE PLANTING AT SOUTH SIDE WESTERN AVENUE, TYP

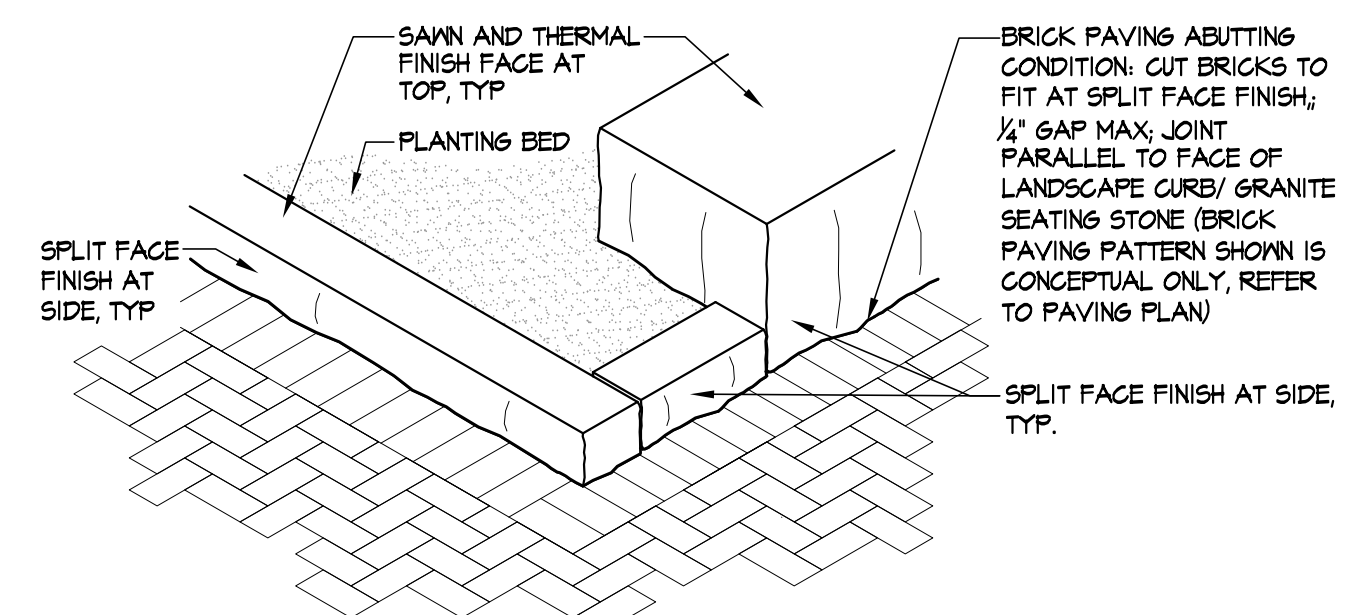
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3 GRANITE LANDSCAPE CURB - 6" WIDTH
Scale: 1"=1'-0"



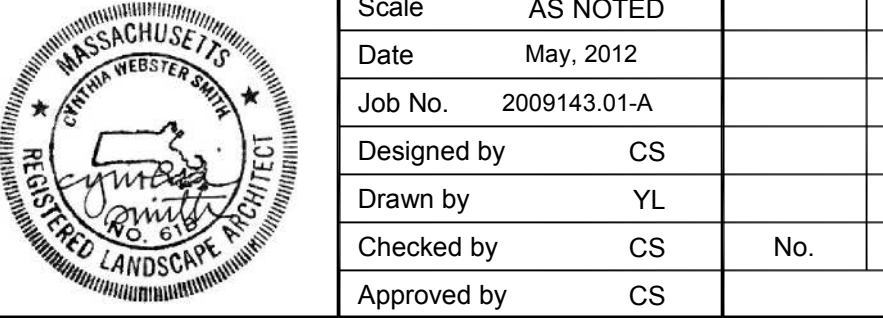
4 GRANITE SEATING STONE
Scale: Not to Scale



5 GRANITE SEATING STONE & LANDSCAPE CURB - INTERFACE DETAILS
Scale: 1/2"=1'-0"

ISSUED FOR BID

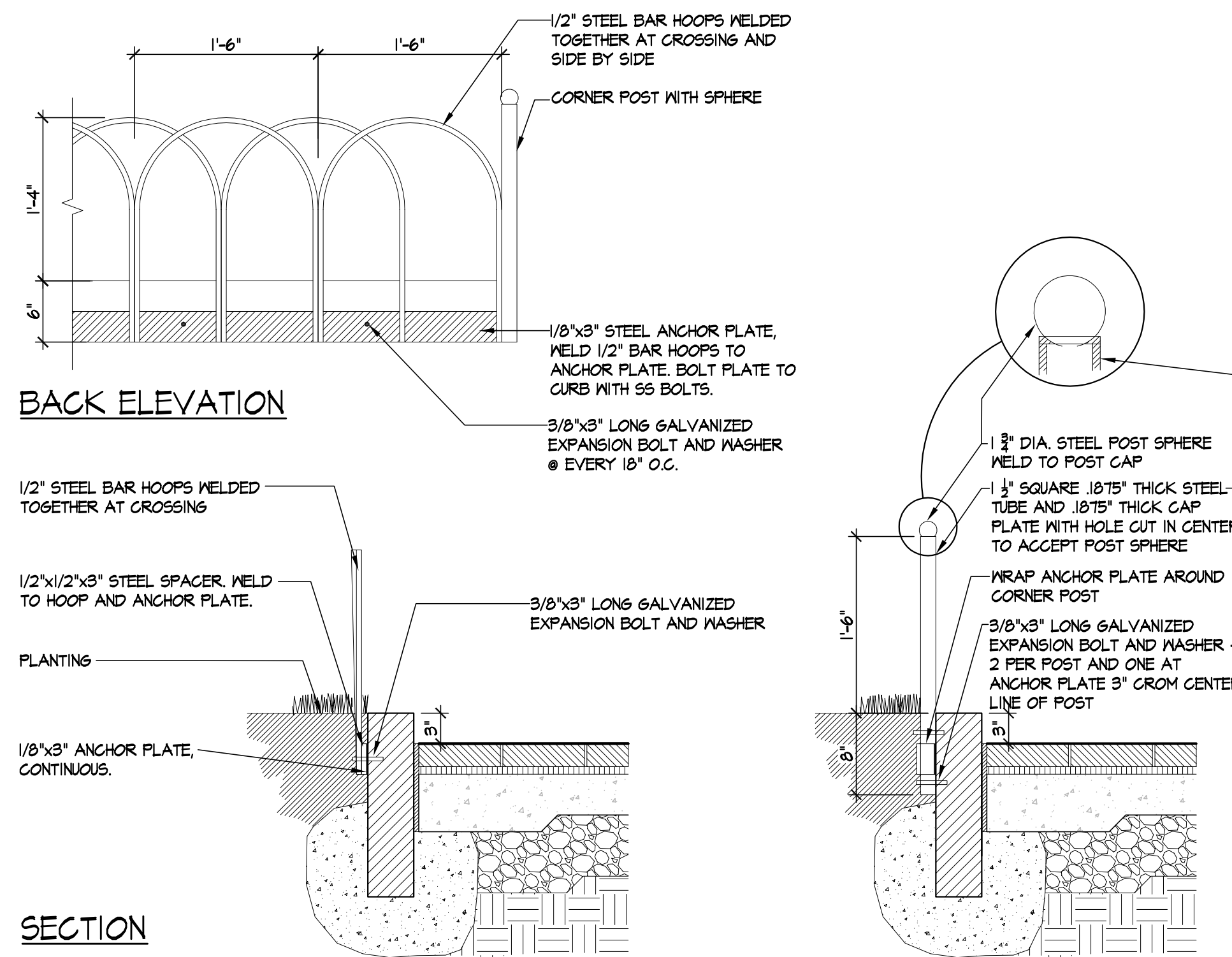
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Scale	AS NOTED		
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Designed by	CS		
Drawn by	YL		
Checked by	CS	No.	Description
Approved by	CS		Date



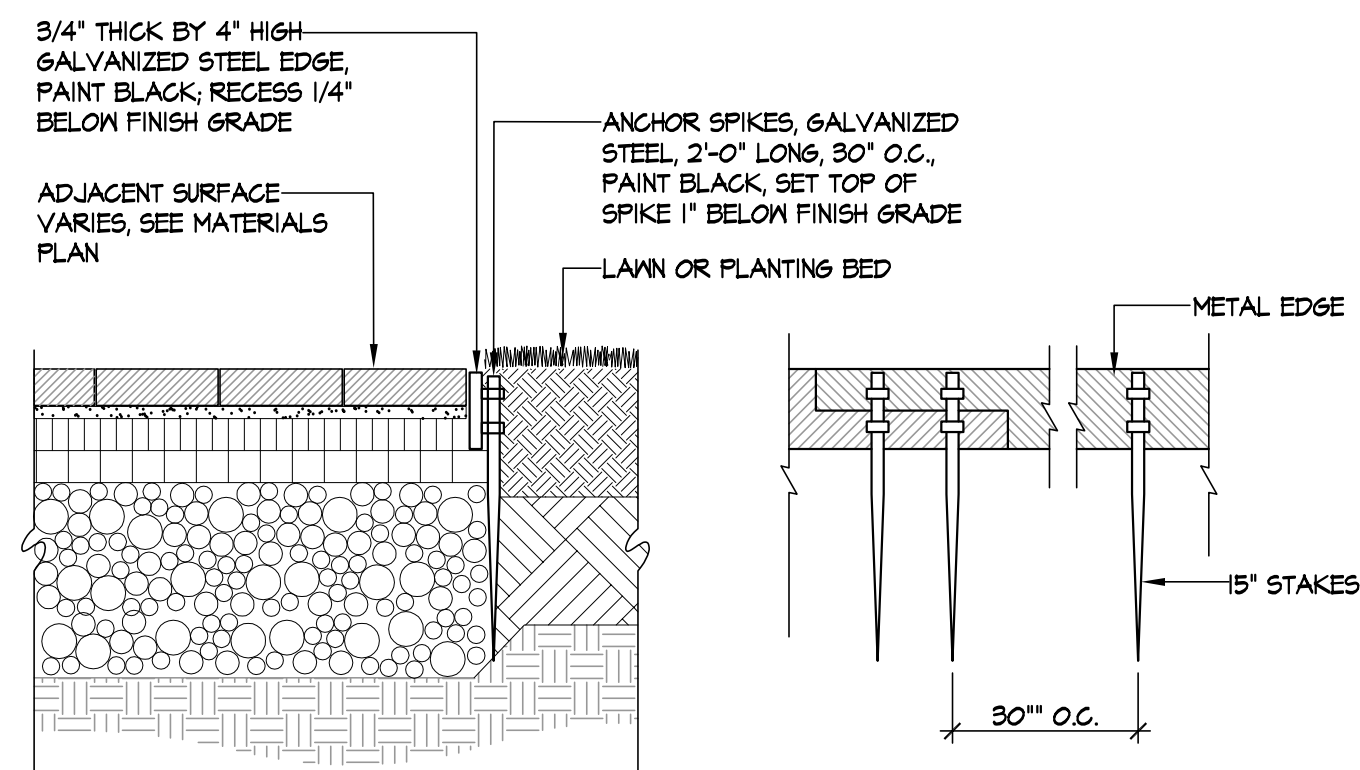
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Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	STREETSCAPE DETAILS-1		



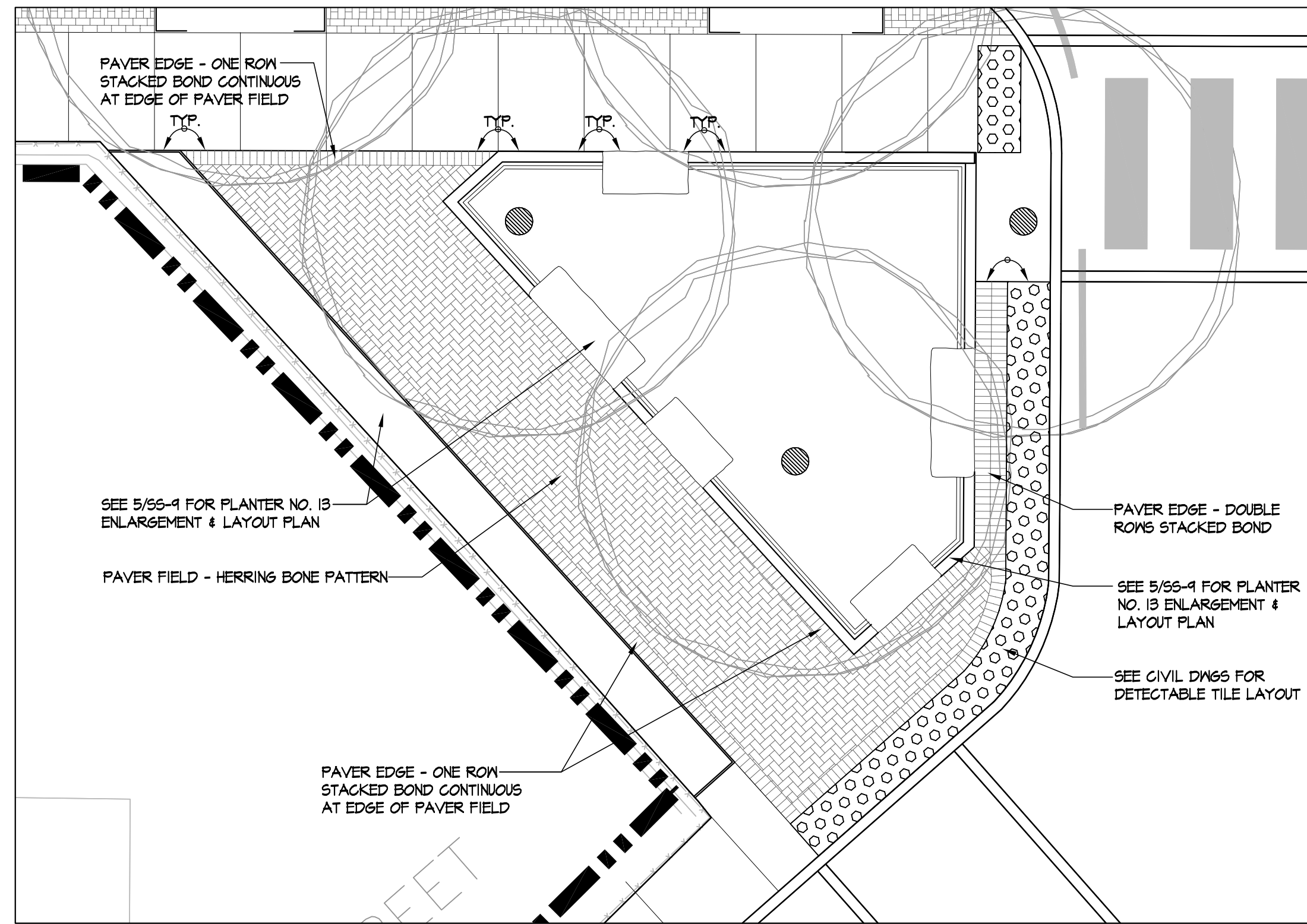
BACK ELEVATION

SECTION

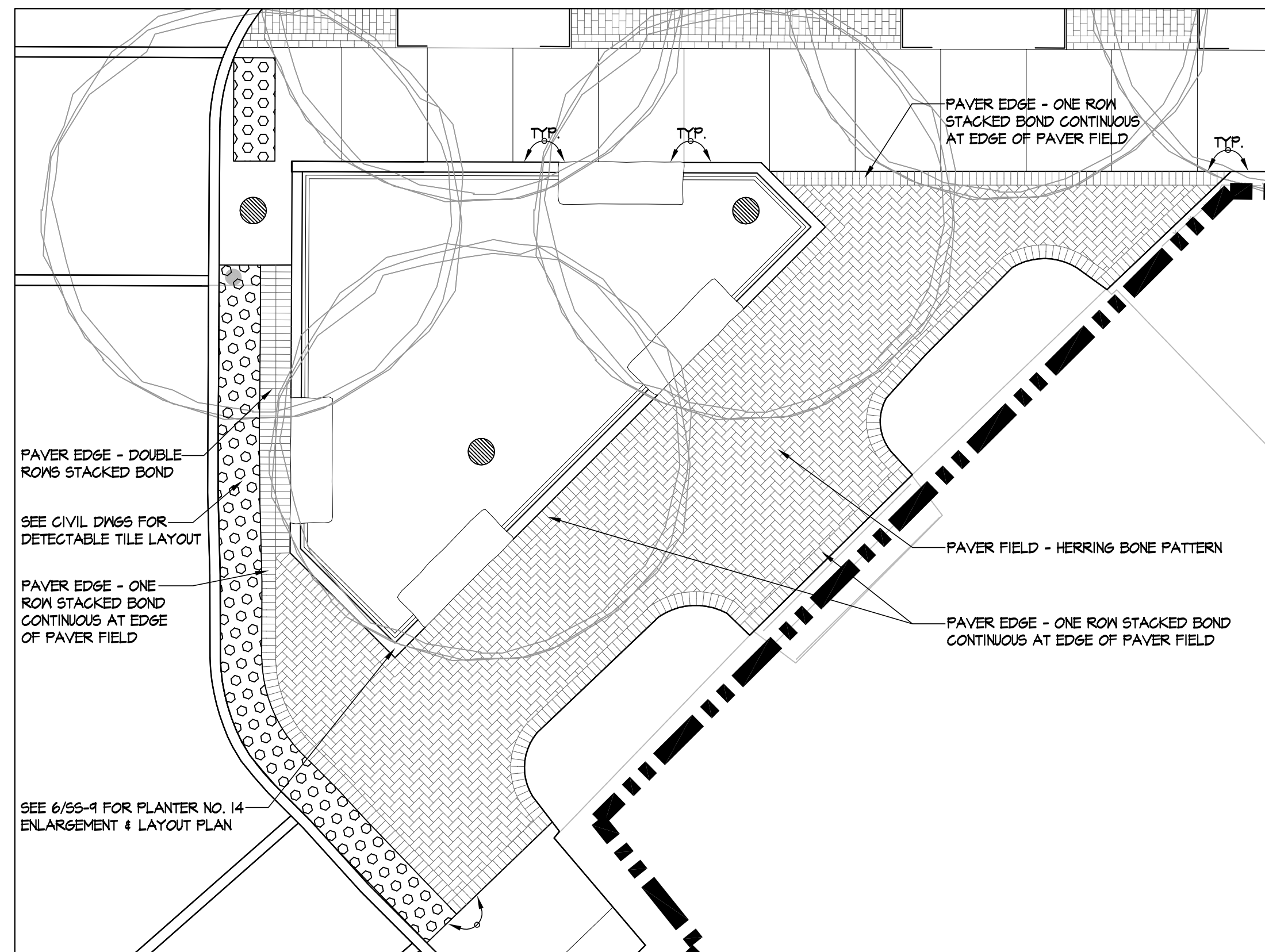
1 METAL LOOP AT PLANTER
Scale: 1"=1'-0"



2 METAL EDGING WITH ANCHORS
Scale: 1" = 1'-0"



3 PAVING ENLARGEMENT AT PLANTER NO. 13 AREA
Scale: 3/16"=1'-0"



4 PAVING ENLARGEMENT AT PLANTER NO. 14 AREA
Scale: 3/16"=1'-0"

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PLOT DATE=5/20/2012 12:05:52 AM USER=LIN TENG-YEN FILENAME=M:\Western Ave - M&S10_CAD\Sheets\SS-12_ Streetscape Details.dwg



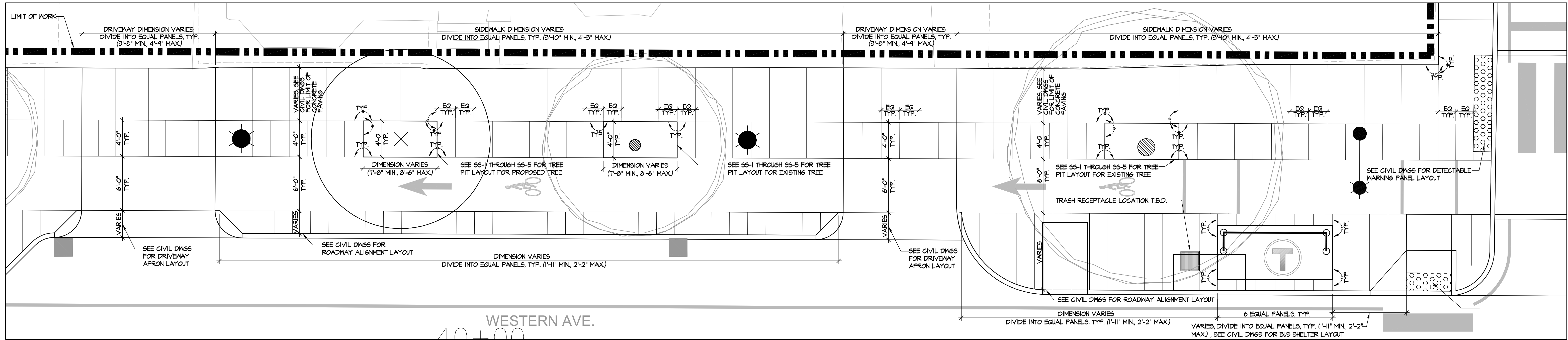
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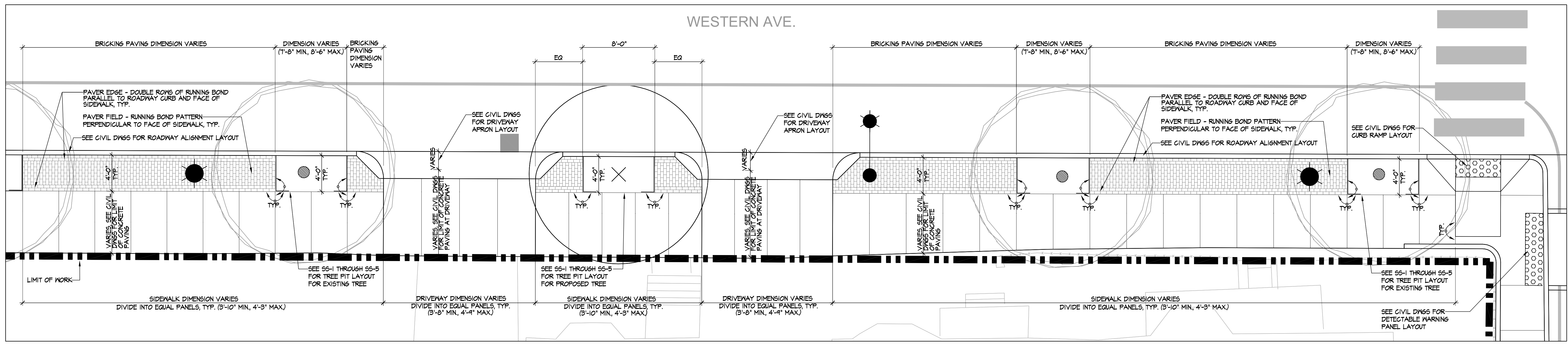
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Date	May, 2012			
Job No.	2009143-01-A			
Designed by	CS			
Drawn by	YL			
Checked by	CS	No.	Description	Date
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Client	CITY OF CAMBRIDGE, MA	Sheet	SS-12
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	STREETSCAPE DETAILS-2		



1 TYPICAL CONCRETE SIDEWALK SAW CUT PATTERN ENLARGEMENT AT NORTH OF WESTERN AVENUE
 Scale: 3/16"=1'-0"



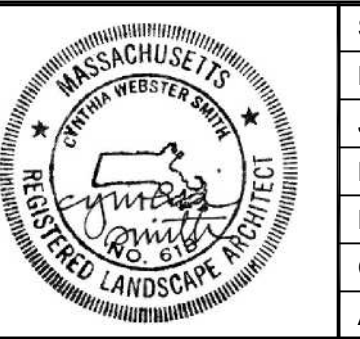
2 TYPICAL CONCRETE SIDEWALK SAW CUT PATTERN AND BRICK PAVING ENLARGEMENT AT SOUTH OF WESTERN AVENUE
 Scale: 3/16"=1'-0"

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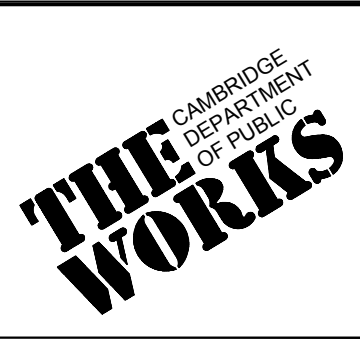
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Job No.	2009143.01-A			
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Client: CITY OF CAMBRIDGE, MA
 Project: WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
 Drawing: STREETScape DETAILS-3

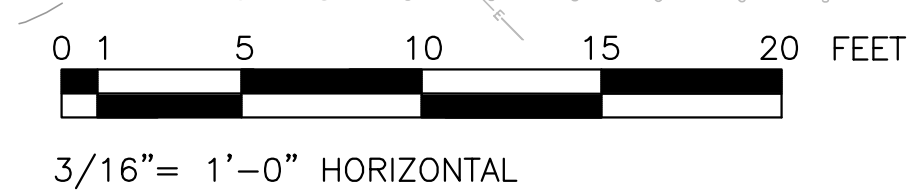
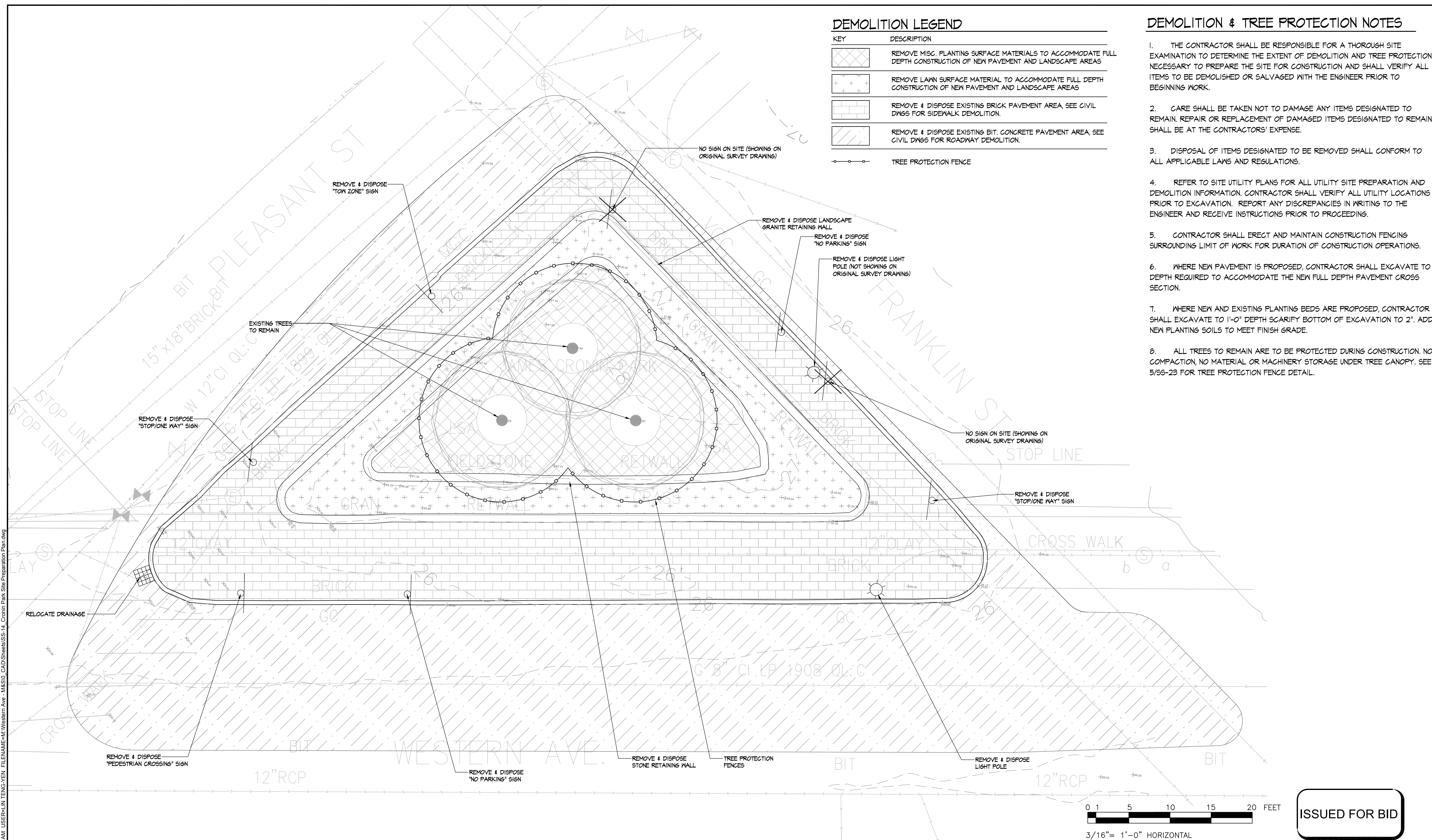
Sheet: SS-13
 File No.

DEMOLITION LEGEND

KEY	DESCRIPTION
	REMOVE MISC. PLANTING SURFACE MATERIALS TO ACCOMMODATE FULL DEPTH CONSTRUCTION OF NEW PAVEMENT AND LANDSCAPE AREAS
	REMOVE LAWN SURFACE MATERIAL TO ACCOMMODATE FULL DEPTH CONSTRUCTION OF NEW PAVEMENT AND LANDSCAPE AREAS
	REMOVE & DISPOSE EXISTING BRICK PAVEMENT AREA, SEE CIVIL DWGS FOR SIDEWALK DEMOLITION.
	REMOVE & DISPOSE EXISTING BIT. CONCRETE PAVEMENT AREA, SEE CIVIL DWGS FOR ROADWAY DEMOLITION.
	TREE PROTECTION FENCE

DEMOLITION & TREE PROTECTION NOTES

- THE CONTRACTOR SHALL BE RESPONSIBLE FOR A THOROUGH SITE EXAMINATION TO DETERMINE THE EXTENT OF DEMOLITION AND TREE PROTECTION NECESSARY TO PREPARE THE SITE FOR CONSTRUCTION AND SHALL VERIFY ALL ITEMS TO BE DEMOLISHED OR SALVAGED WITH THE ENGINEER PRIOR TO BEGINNING WORK.
- CARE SHALL BE TAKEN NOT TO DAMAGE ANY ITEMS DESIGNATED TO REMAIN. REPAIR OR REPLACEMENT OF DAMAGED ITEMS DESIGNATED TO REMAIN SHALL BE AT THE CONTRACTORS' EXPENSE.
- DISPOSAL OF ITEMS DESIGNATED TO BE REMOVED SHALL CONFORM TO ALL APPLICABLE LAWS AND REGULATIONS.
- REFER TO SITE UTILITY PLANS FOR ALL UTILITY SITE PREPARATION AND DEMOLITION INFORMATION. CONTRACTOR SHALL VERIFY ALL UTILITY LOCATIONS PRIOR TO EXCAVATION. REPORT ANY DISCREPANCIES IN WRITING TO THE ENGINEER AND RECEIVE INSTRUCTIONS PRIOR TO PROCEEDING.
- CONTRACTOR SHALL ERECT AND MAINTAIN CONSTRUCTION FENCING SURROUNDING LIMIT OF WORK FOR DURATION OF CONSTRUCTION OPERATIONS.
- WHERE NEW PAVEMENT IS PROPOSED, CONTRACTOR SHALL EXCAVATE TO DEPTH REQUIRED TO ACCOMMODATE THE NEW FULL DEPTH PAVEMENT CROSS SECTION.
- WHERE NEW AND EXISTING PLANTING BEDS ARE PROPOSED, CONTRACTOR SHALL EXCAVATE TO 1'-0" DEPTH SCARIFY BOTTOM OF EXCAVATION TO 2". ADD NEW PLANTING SOILS TO MEET FINISH GRADE.
- ALL TREES TO REMAIN ARE TO BE PROTECTED DURING CONSTRUCTION. NO COMPACTION, NO MATERIAL OR MACHINERY STORAGE UNDER TREE CANOPY. SEE 5/SS-23 FOR TREE PROTECTION FENCE DETAIL.



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Date	May, 2012		
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Approved by	CS		Date



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE - CRONIN PARK SITE PREPARATION PLAN

Sheet	SS-14
File No.	

MATERIALS PLAN NOTES

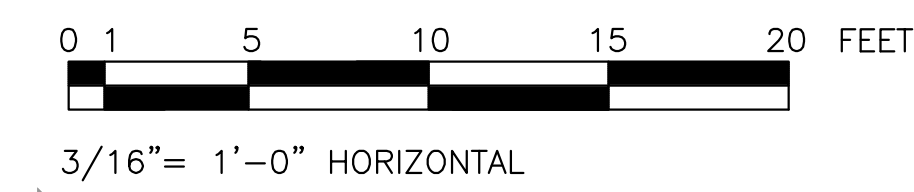
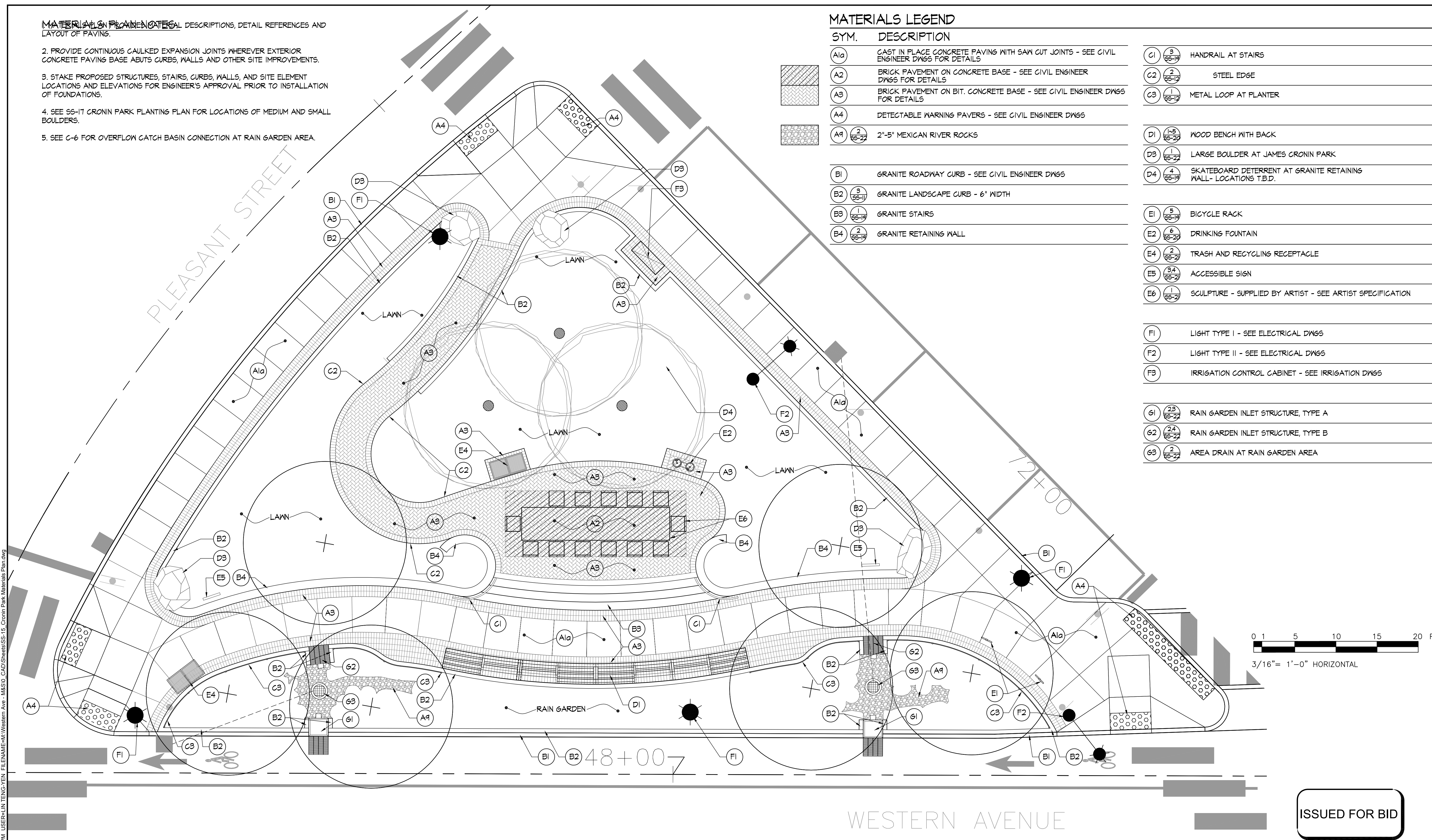
2. PROVIDE CONTINUOUS CAULKED EXPANSION JOINTS WHEREVER EXTERIOR CONCRETE PAVING BASE ABUTS CURBS, WALLS AND OTHER SITE IMPROVEMENTS.
3. STAKE PROPOSED STRUCTURES, STAIRS, CURBS, WALLS, AND SITE ELEMENT LOCATIONS AND ELEVATIONS FOR ENGINEER'S APPROVAL PRIOR TO INSTALLATION OF FOUNDATIONS.
4. SEE SS-17 CRONIN PARK PLANTING PLAN FOR LOCATIONS OF MEDIUM AND SMALL BOULDERS.
5. SEE C-6 FOR OVERFLOW CATCH BASIN CONNECTION AT RAIN GARDEN AREA.

MATERIALS LEGEND

SYM. DESCRIPTION

	A1a CAST IN PLACE CONCRETE PAVING WITH SAW CUT JOINTS - SEE CIVIL ENGINEER DWGS FOR DETAILS
	A2 BRICK PAVEMENT ON CONCRETE BASE - SEE CIVIL ENGINEER DWGS FOR DETAILS
	A3 BRICK PAVEMENT ON BIT. CONCRETE BASE - SEE CIVIL ENGINEER DWGS FOR DETAILS
	A4 DETECTABLE WARNING PAVERS - SEE CIVIL ENGINEER DWGS
	A9 2'-5" MEXICAN RIVER ROCKS
	B1 GRANITE ROADWAY CURB - SEE CIVIL ENGINEER DWGS
	B2 GRANITE LANDSCAPE CURB - 6" WIDTH
	B3 GRANITE STAIRS
	B4 GRANITE RETAINING WALL

	C1 HANDRAIL AT STAIRS
	C2 STEEL EDGE
	C3 METAL LOOP AT PLANTER
	D1 WOOD BENCH WITH BACK
	D3 LARGE BOULDER AT JAMES CRONIN PARK
	D4 SKATEBOARD DETERRENT AT GRANITE RETAINING WALL- LOCATIONS T.B.D.
	E1 BICYCLE RACK
	E2 DRINKING FOUNTAIN
	E4 TRASH AND RECYCLING RECEPTACLE
	E5 ACCESSIBLE SIGN
	E6 SCULPTURE - SUPPLIED BY ARTIST - SEE ARTIST SPECIFICATION
	F1 LIGHT TYPE I - SEE ELECTRICAL DWGS
	F2 LIGHT TYPE II - SEE ELECTRICAL DWGS
	F3 IRRIGATION CONTROL CABINET - SEE IRRIGATION DWGS
	G1 RAIN GARDEN INLET STRUCTURE, TYPE A
	G2 RAIN GARDEN INLET STRUCTURE, TYPE B
	G3 AREA DRAIN AT RAIN GARDEN AREA



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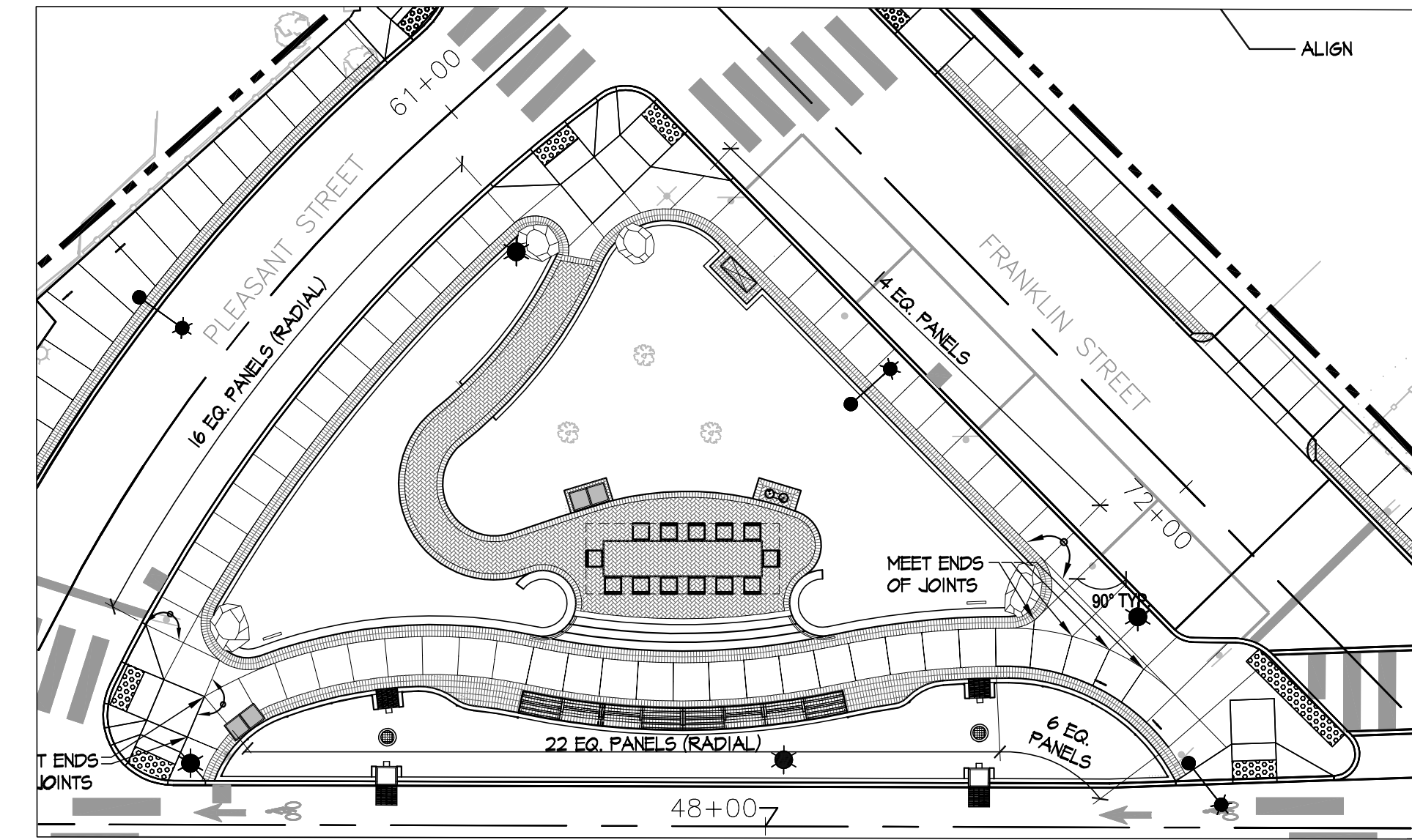


Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	STREETSCAPE - CRONIN PARK MATERIALS PLAN

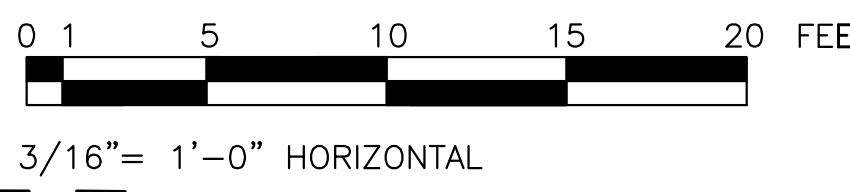
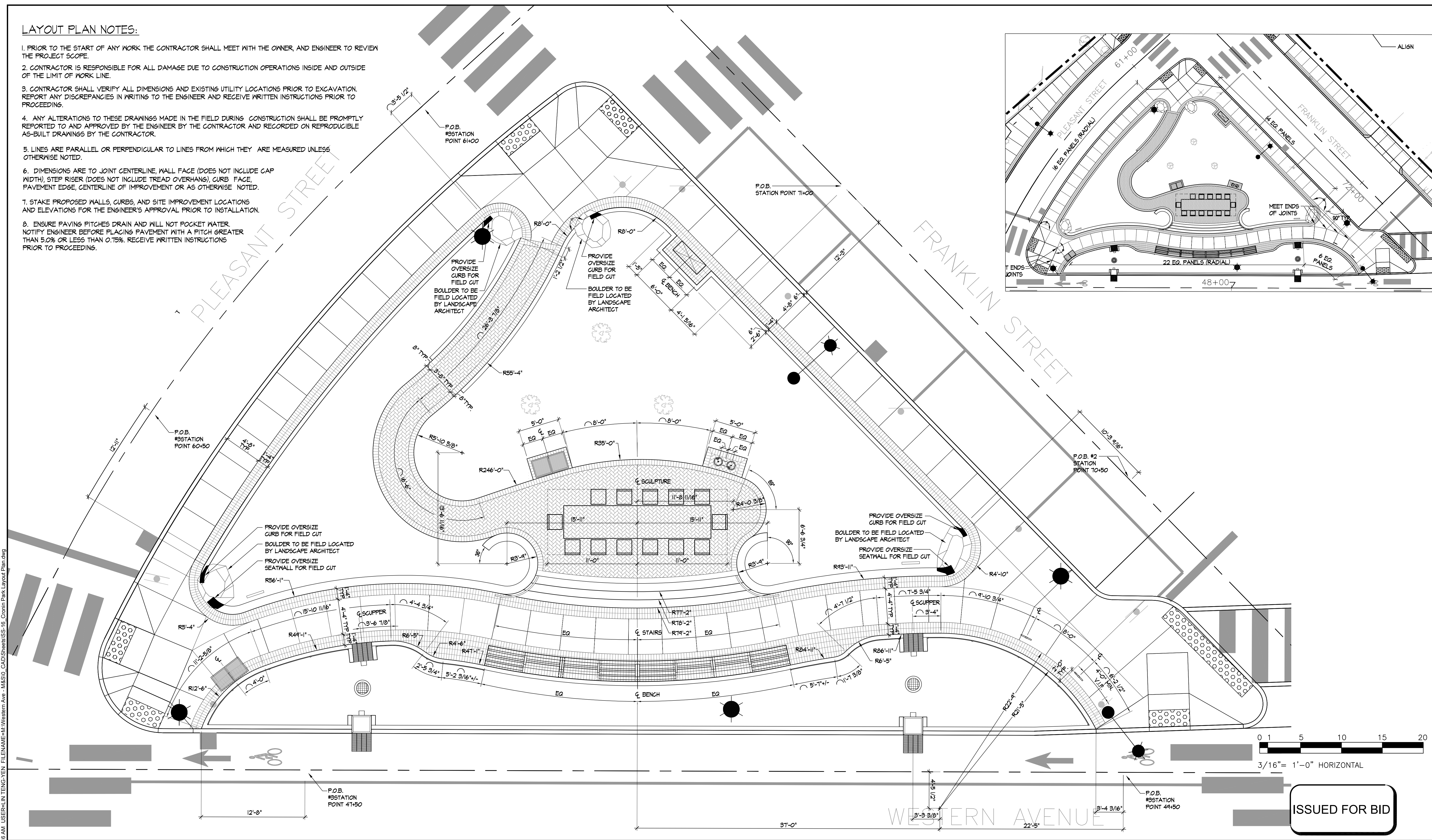
Sheet	SS-15
File No.	

LAYOUT PLAN NOTES:

1. PRIOR TO THE START OF ANY WORK THE CONTRACTOR SHALL MEET WITH THE OWNER, AND ENGINEER TO REVIEW THE PROJECT SCOPE.
2. CONTRACTOR IS RESPONSIBLE FOR ALL DAMAGE DUE TO CONSTRUCTION OPERATIONS INSIDE AND OUTSIDE OF THE LIMIT OF WORK LINE.
3. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND EXISTING UTILITY LOCATIONS PRIOR TO EXCAVATION. REPORT ANY DISCREPANCIES IN WRITING TO THE ENGINEER AND RECEIVE WRITTEN INSTRUCTIONS PRIOR TO PROCEEDING.
4. ANY ALTERATIONS TO THESE DRAWINGS MADE IN THE FIELD DURING CONSTRUCTION SHALL BE PROMPTLY REPORTED TO AND APPROVED BY THE ENGINEER BY THE CONTRACTOR AND RECORDED ON REPRODUCIBLE AS-BUILT DRAWINGS BY THE CONTRACTOR.
5. LINES ARE PARALLEL OR PERPENDICULAR TO LINES FROM WHICH THEY ARE MEASURED UNLESS OTHERWISE NOTED.
6. DIMENSIONS ARE TO JOINT CENTERLINE, WALL FACE (DOES NOT INCLUDE CAP WIDTH), STEP RISER (DOES NOT INCLUDE TREAD OVERHANGS), CURB FACE, PAVEMENT EDGE, CENTERLINE OF IMPROVEMENT OR AS OTHERWISE NOTED.
7. STAKE PROPOSED WALLS, CURBS, AND SITE IMPROVEMENT LOCATIONS AND ELEVATIONS FOR THE ENGINEER'S APPROVAL PRIOR TO INSTALLATION.
8. ENSURE PAVING PITCHES DRAIN AND WILL NOT POCKET WATER. NOTIFY ENGINEER BEFORE PLACING PAVEMENT WITH A PITCH GREATER THAN 5.0% OR LESS THAN 0.15%. RECEIVE WRITTEN INSTRUCTIONS PRIOR TO PROCEEDING.



PLOT DATE=5/20/2012 12:13:16 AM USER=LIN TENG-YEN FILENAME=M:\Western Ave - M&S0_CAD\Sheets\SS-16_Cronin Park Layout Plan.dwg



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Drawn by	YL			
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Client: CITY OF CAMBRIDGE, MA
 Project: WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
 Drawing: STREETSCAPE - CRONIN PARK LAYOUT PLAN

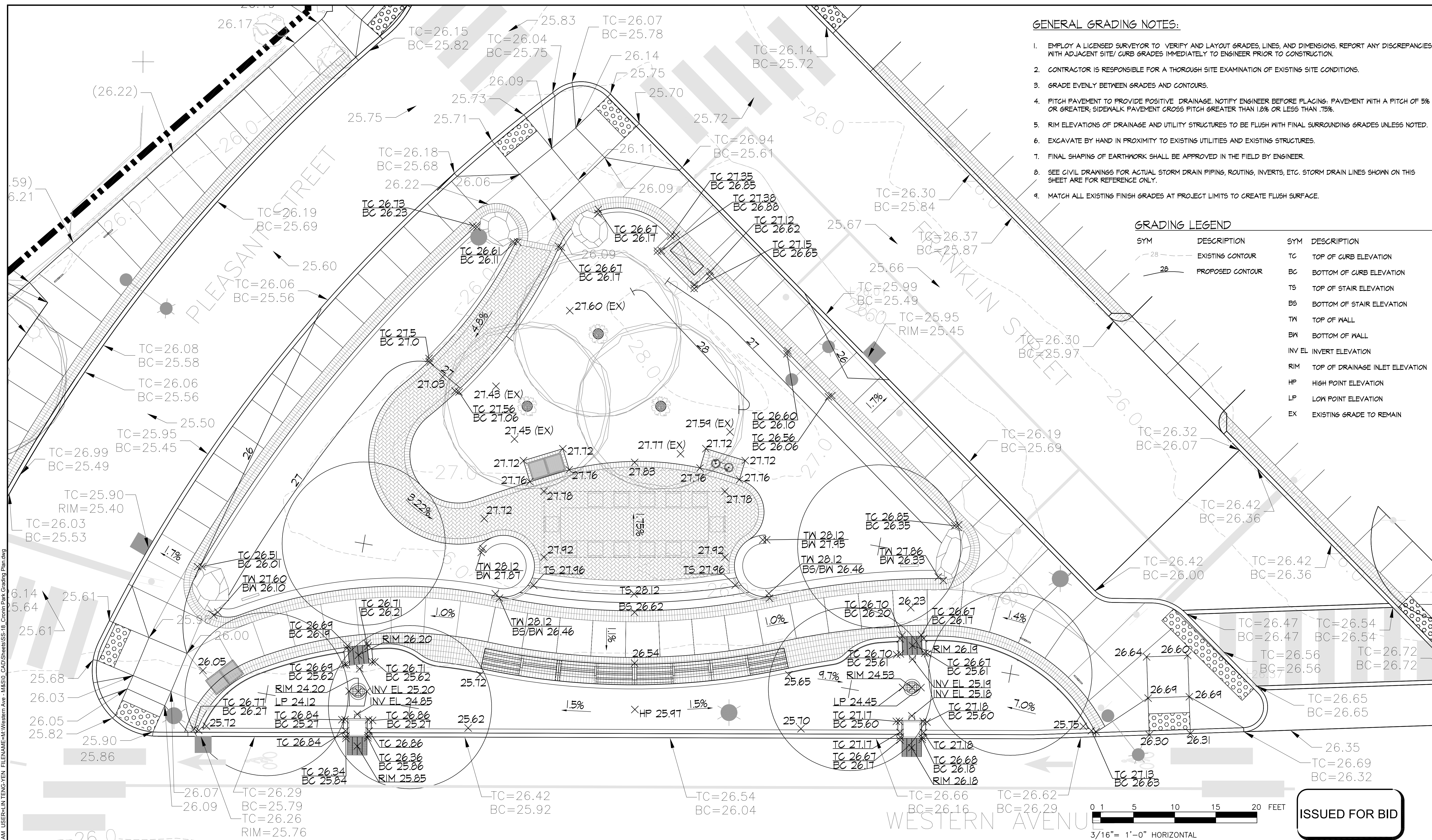
Sheet: SS-16
 File No.:

GENERAL GRADING NOTES:

1. EMPLOY A LICENSED SURVEYOR TO VERIFY AND LAYOUT GRADES, LINES, AND DIMENSIONS. REPORT ANY DISCREPANCIES WITH ADJACENT SITE/ CURB GRADES IMMEDIATELY TO ENGINEER PRIOR TO CONSTRUCTION.
2. CONTRACTOR IS RESPONSIBLE FOR A THOROUGH SITE EXAMINATION OF EXISTING SITE CONDITIONS.
3. GRADE EVENLY BETWEEN GRADES AND CONTOURS.
4. PITCH PAVEMENT TO PROVIDE POSITIVE DRAINAGE. NOTIFY ENGINEER BEFORE PLACING PAVEMENT WITH A PITCH OF 5% OR GREATER; SIDEWALK PAVEMENT CROSS PITCH GREATER THAN 1.0% OR LESS THAN .75%.
5. RIM ELEVATIONS OF DRAINAGE AND UTILITY STRUCTURES TO BE FLUSH WITH FINAL SURROUNDING GRADES UNLESS NOTED.
6. EXCAVATE BY HAND IN PROXIMITY TO EXISTING UTILITIES AND EXISTING STRUCTURES.
7. FINAL SHAPING OF EARTHWORK SHALL BE APPROVED IN THE FIELD BY ENGINEER.
8. SEE CIVIL DRAWINGS FOR ACTUAL STORM DRAIN PIPING, ROUTING, INVERTS, ETC. STORM DRAIN LINES SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY.
9. MATCH ALL EXISTING FINISH GRADES AT PROJECT LIMITS TO CREATE FLUSH SURFACE.

GRADING LEGEND

SYM	DESCRIPTION	SYM	DESCRIPTION
- - - -	EXISTING CONTOUR	TC	TOP OF CURB ELEVATION
---	PROPOSED CONTOUR	BC	BOTTOM OF CURB ELEVATION
		TS	TOP OF STAIR ELEVATION
		BS	BOTTOM OF STAIR ELEVATION
		TW	TOP OF WALL
		BW	BOTTOM OF WALL
		INV EL	INVERT ELEVATION
		RIM	TOP OF DRAINAGE INLET ELEVATION
		HP	HIGH POINT ELEVATION
		LP	LOW POINT ELEVATION
		EX	EXISTING GRADE TO REMAIN



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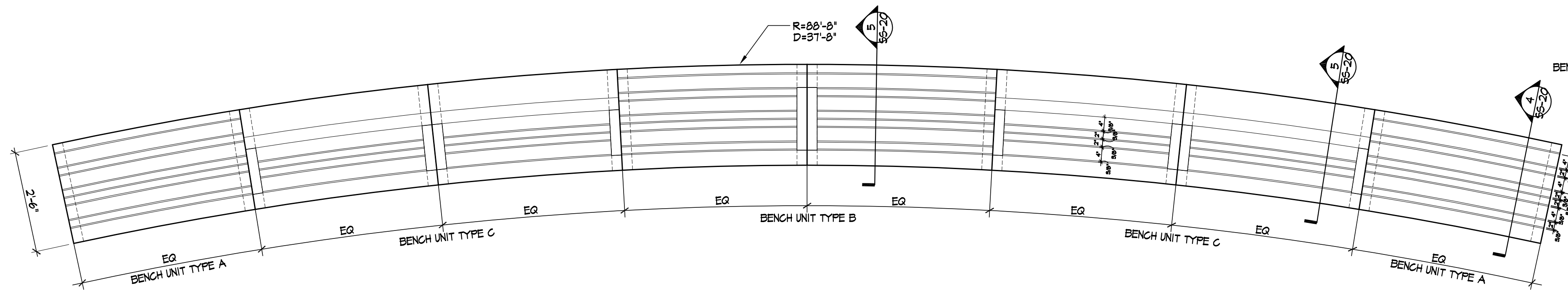
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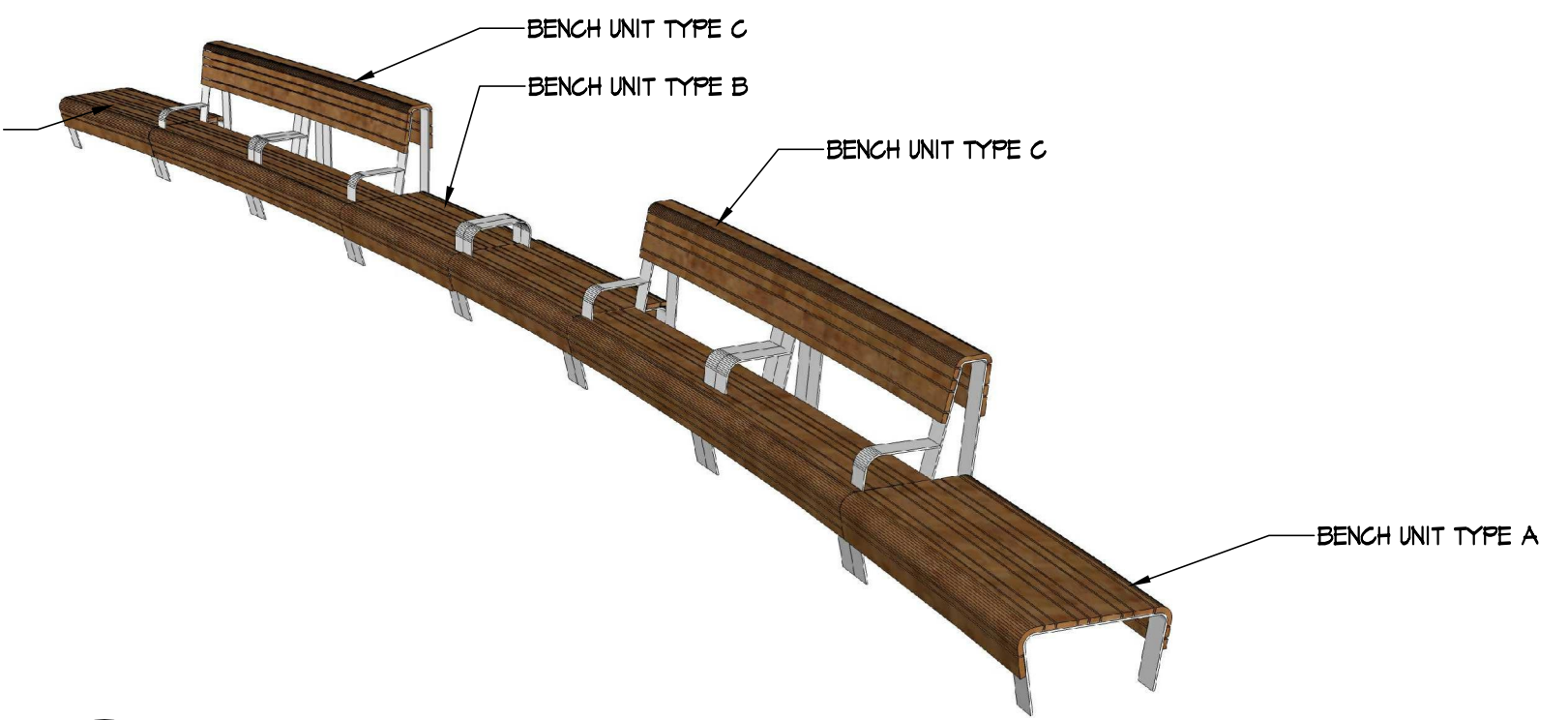
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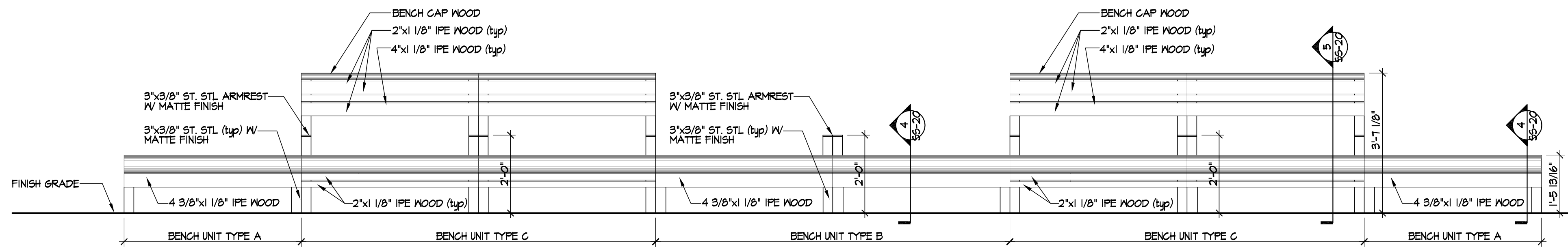
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Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	STREETSCAPE - CRONIN PARK GRADING PLAN		



1 CUSTOM MADE BENCH, PLAN
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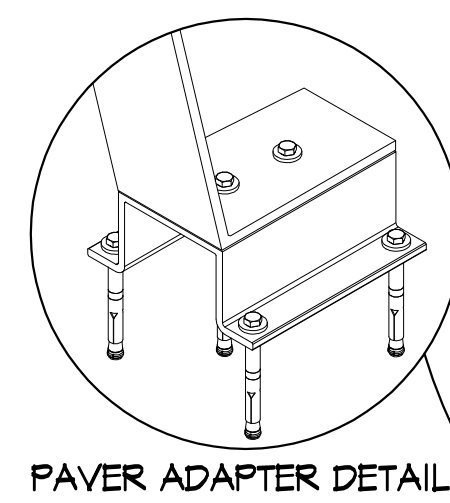


2 CUSTOM MADE BENCH, PERSPECTIVE
Scale: N.T.S.

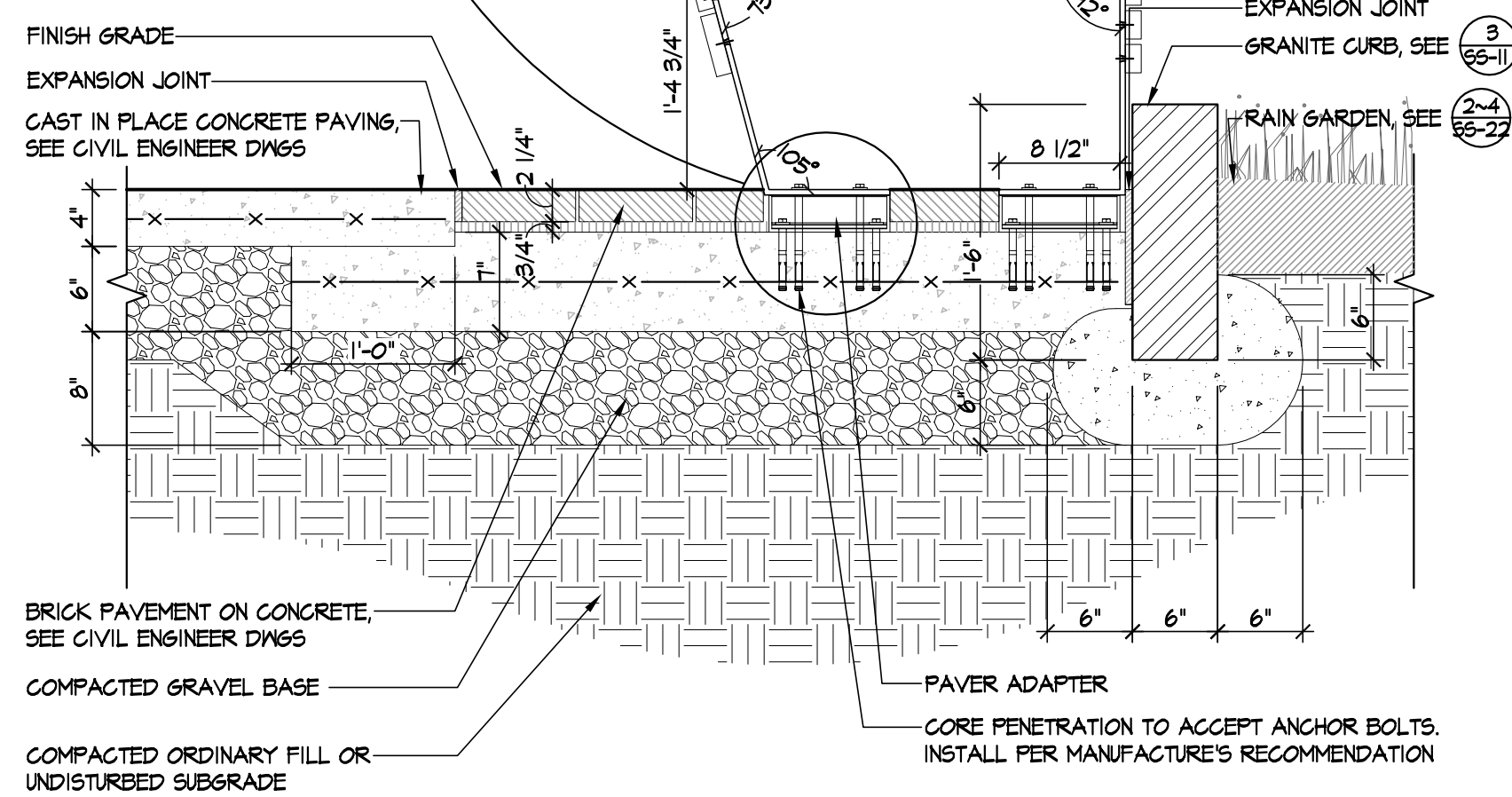


3 CUSTOM MADE BENCH, ELEVATION
Scale: 1/2"=1'-0"

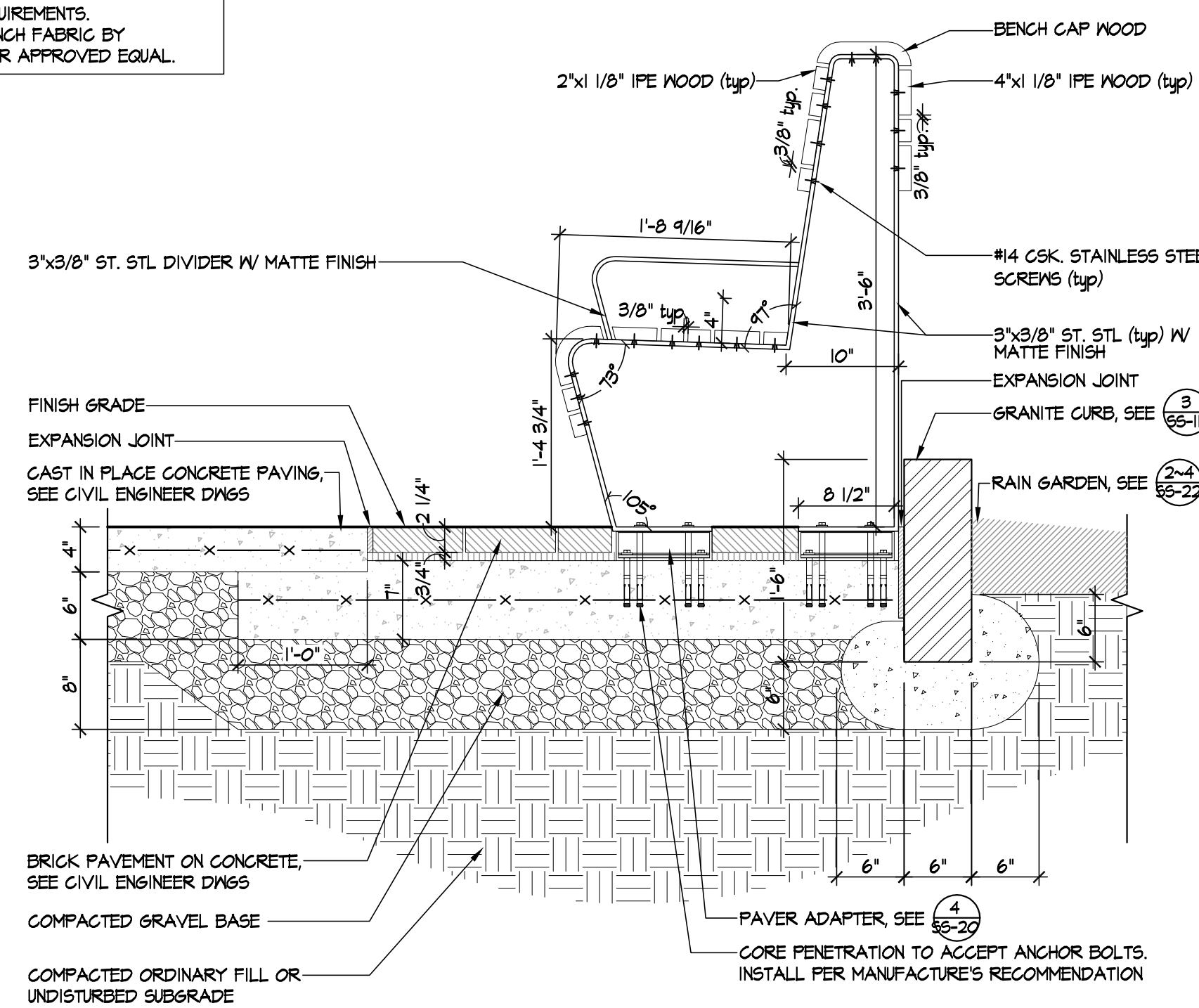
NOTE:
1. CONTRACTOR TO PROVIDE COMPLETE BENCH SHOP DRAWINGS.
2. CONFIRM BENCH INSTALLATION METHOD WITH MANUFACTURER'S REQUIREMENTS.
3. CUSTOMER MADE BENCH FABRIC BY LANDSCAPEFORMS OR APPROVED EQUAL.



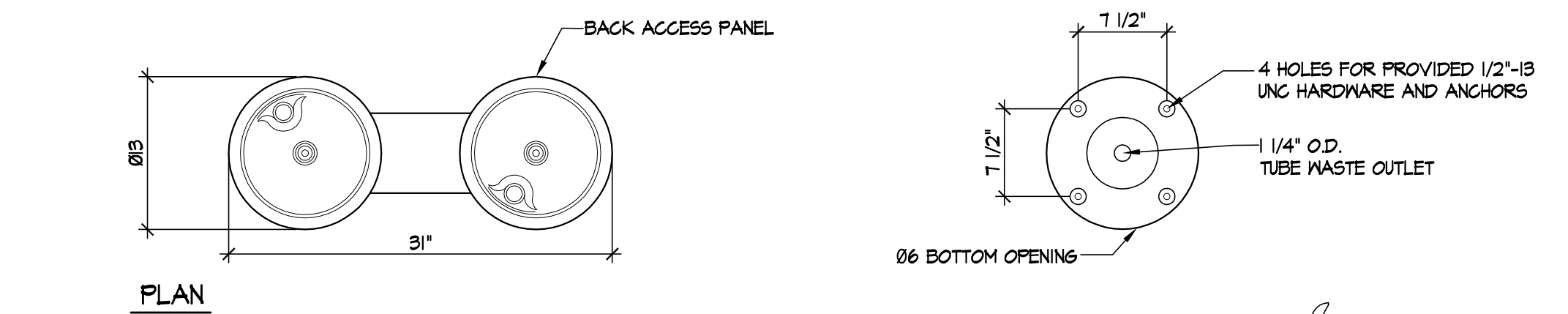
PAVER ADAPTER DETAIL



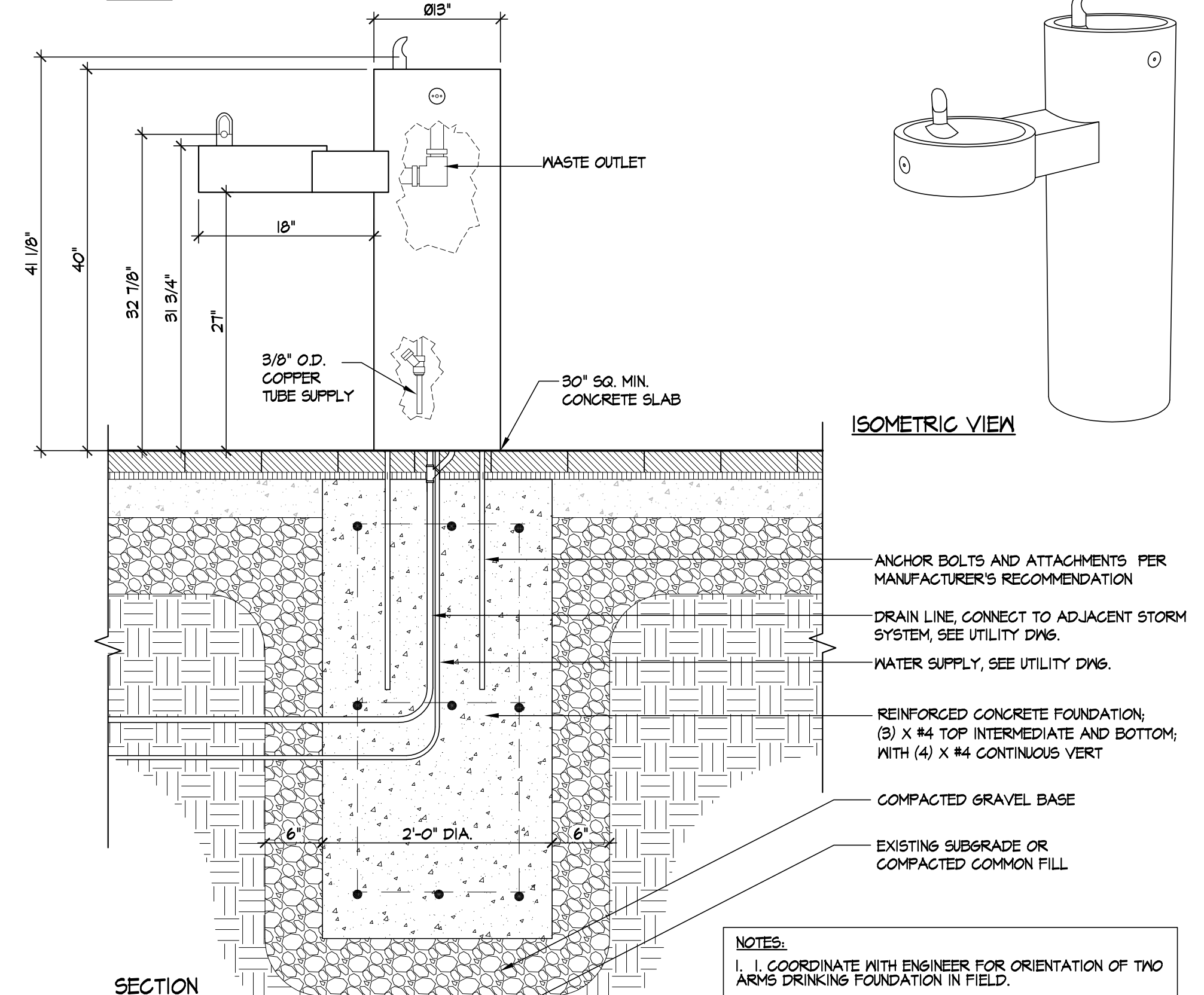
4 BENCH SECTION, UNIT TYPES A
Scale: 1"=1'-0"



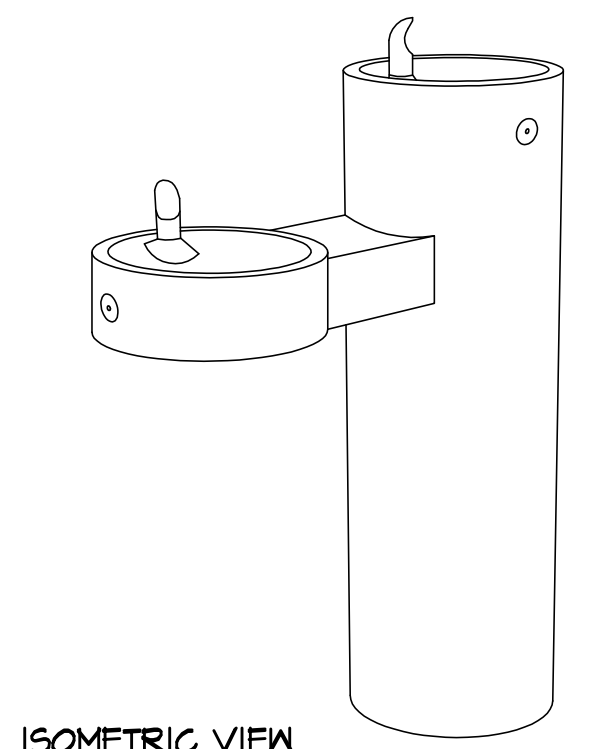
5 BENCH SECTION, UNIT TYPES B & C
Scale: 1"=1'-0"



PLAN



SECTION



ISOMETRIC VIEW

NOTES:
1. COORDINATE WITH ENGINEER FOR ORIENTATION OF TWO ARMS DRINKING FOUNDATION IN FIELD.
2. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS.
3. ALL DIMENSIONS ARE CONSIDERED TRUE AND REFLECT MANUFACTURER'S SPECIFICATIONS.

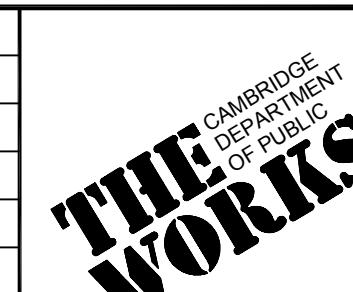
6 DRINKING FOUNTAIN
Scale: N.T.S.

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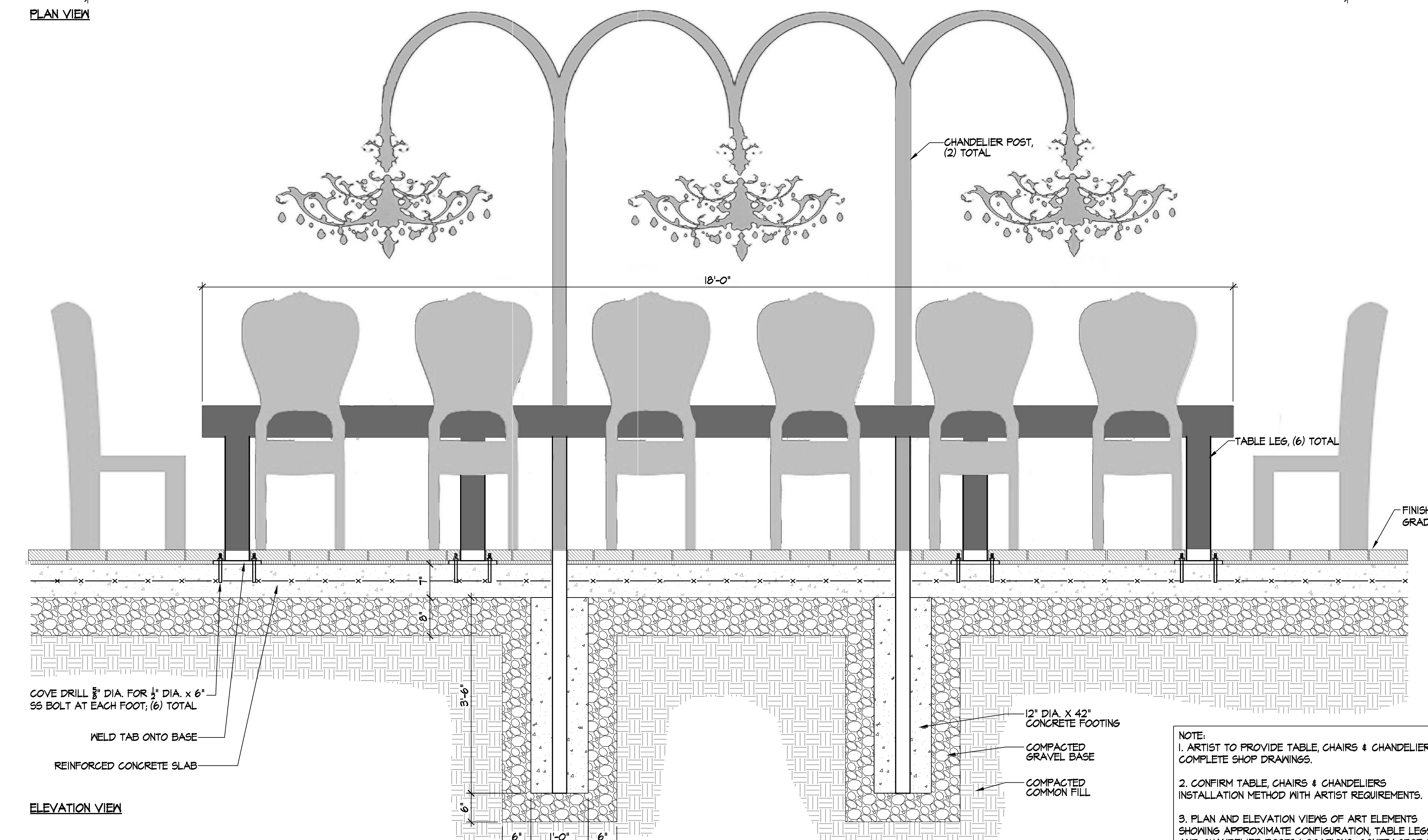
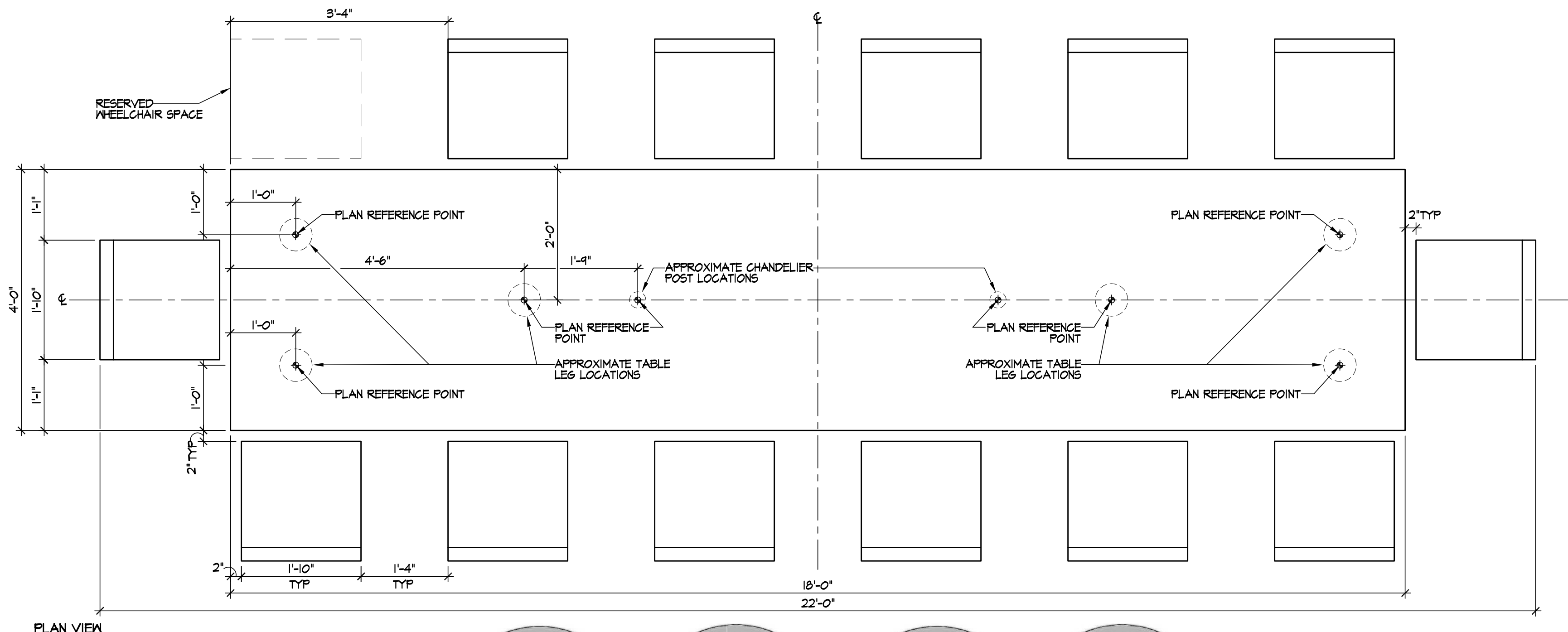
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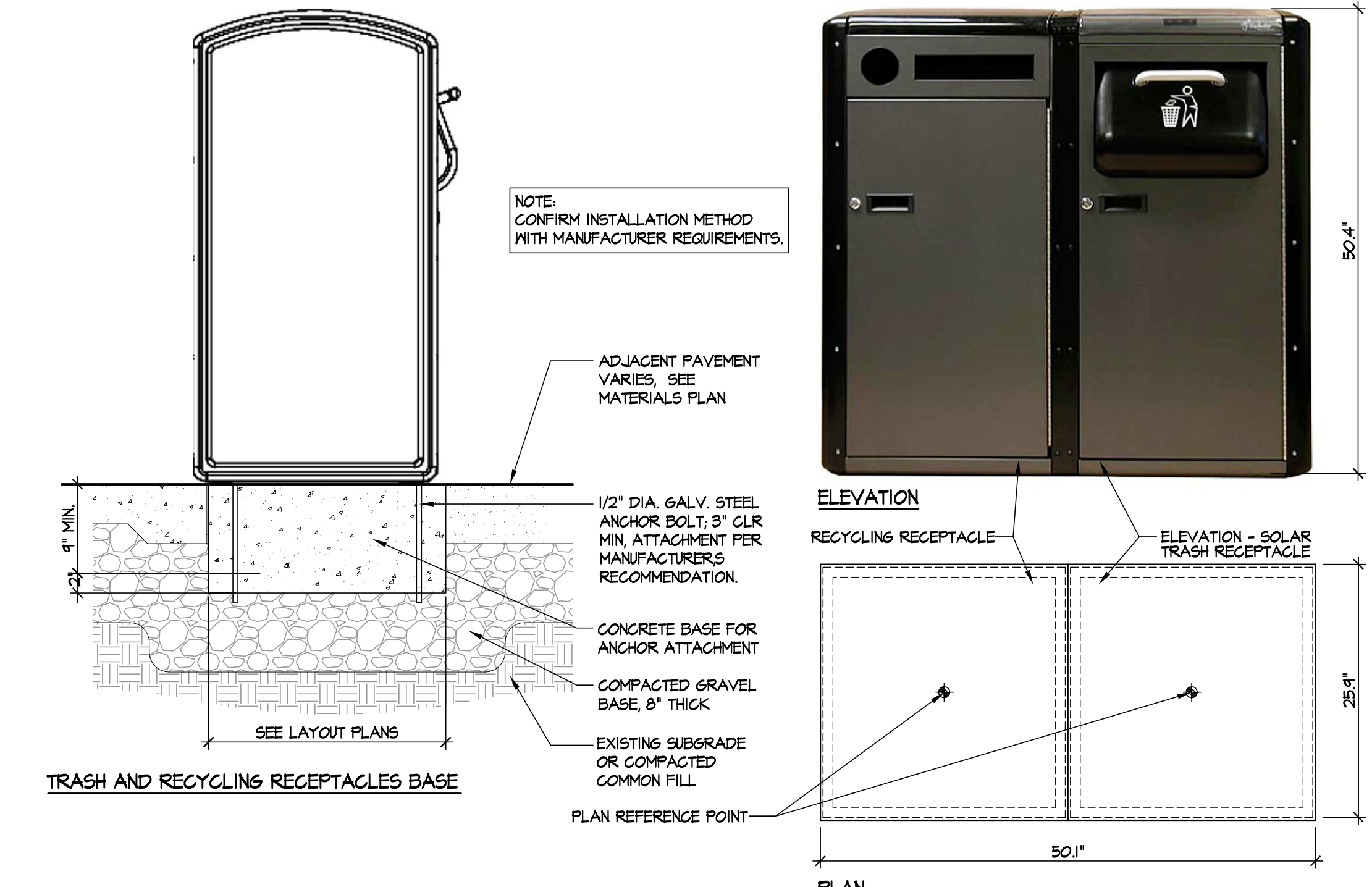
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Checked by	CS	No.	Description	Date
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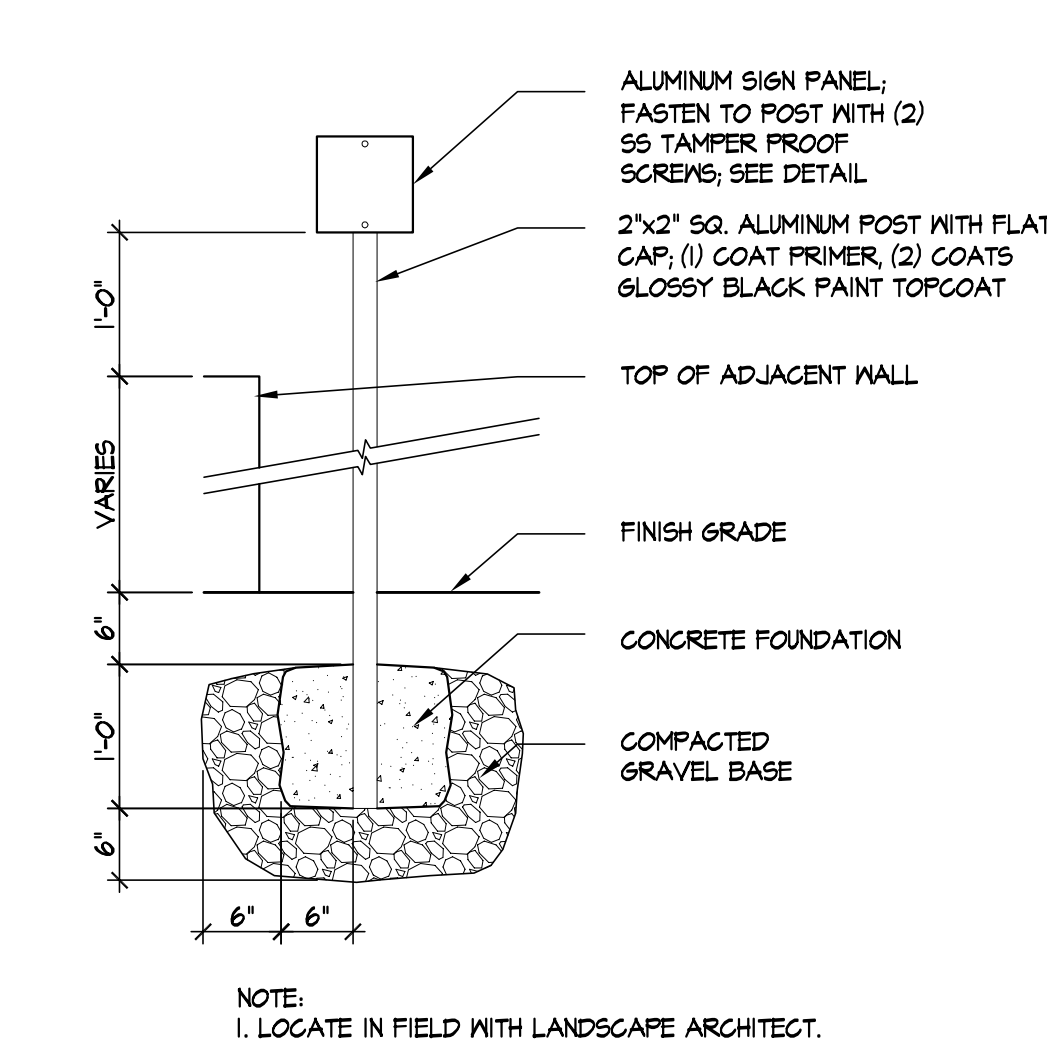
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Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	STREETSCAPE - CRONIN PARK DETAILS - 2		



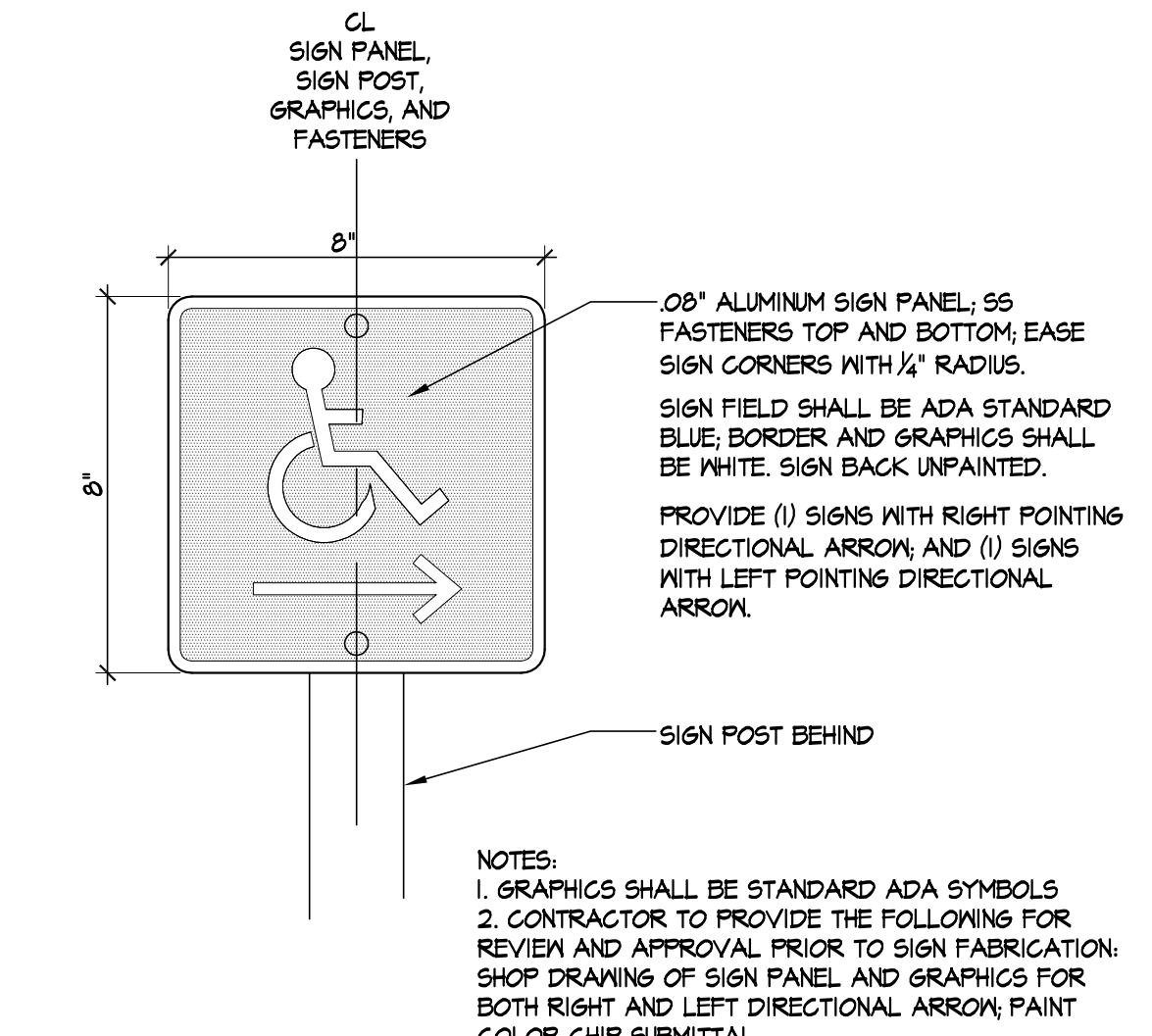
1 CUSTOM MADE TABLE, CHAIRS & CHANDELIER - ART ELEMENT
Scale: 3/4"=1'-0"



2 TRASH AND RECYCLING RECEPTACLES
Scale: N.T.S.



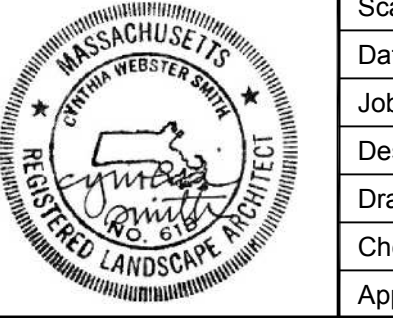
3 ADA DIRECTIONAL SIGN POST
Scale: 3/4"=1'-0"



4 ADA DIRECTIONAL SIGN PANEL
Scale: 3'-1'-0"

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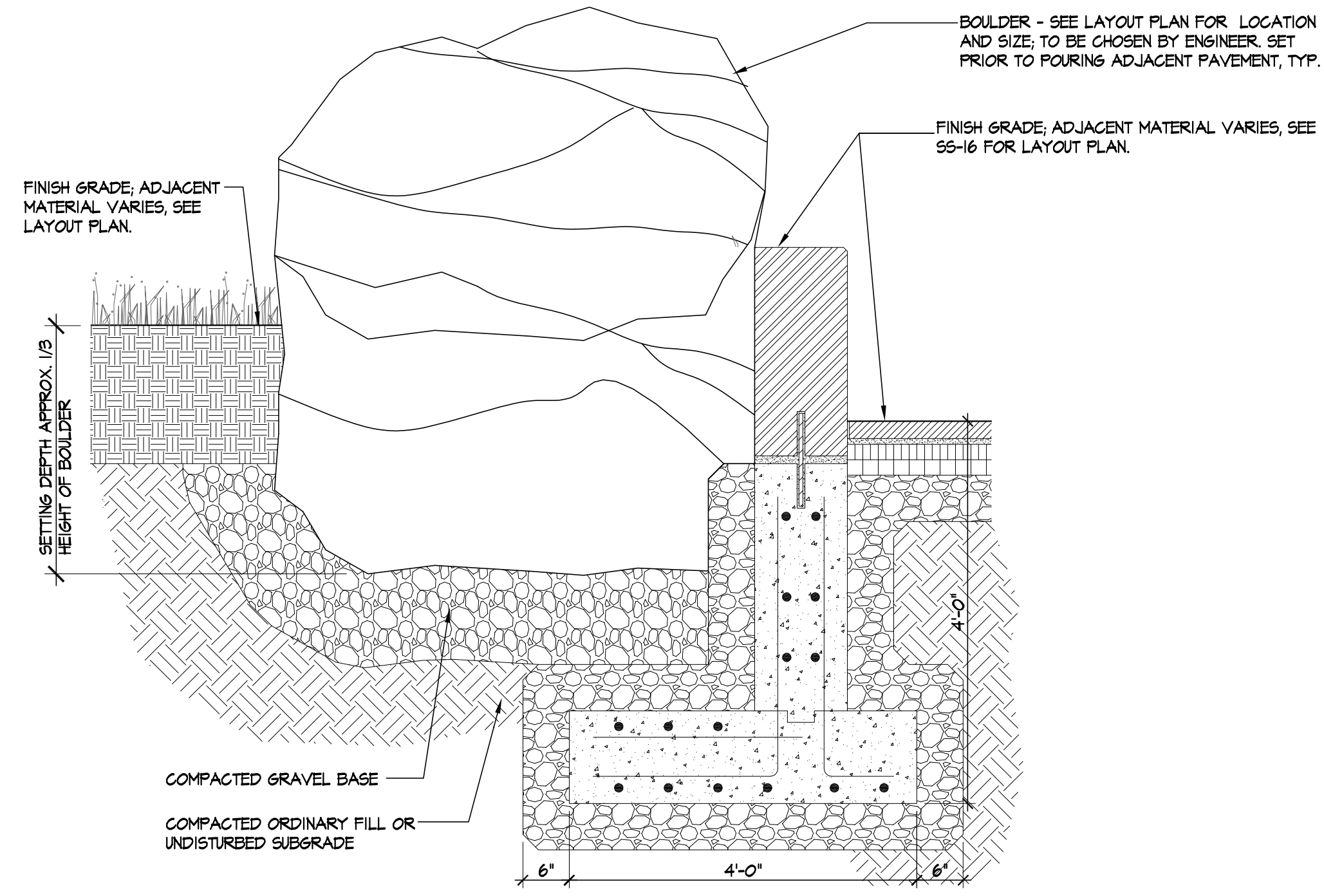
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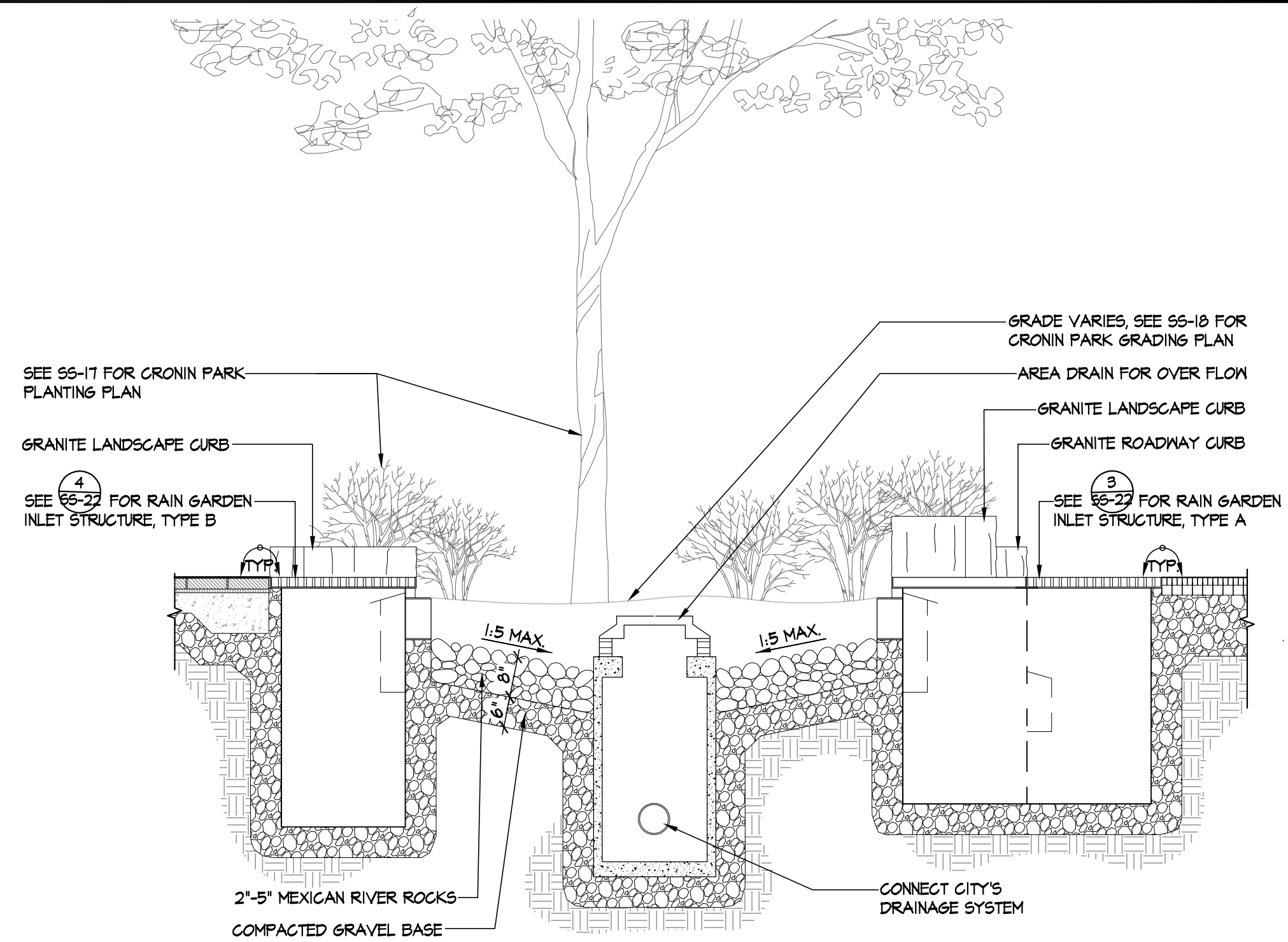
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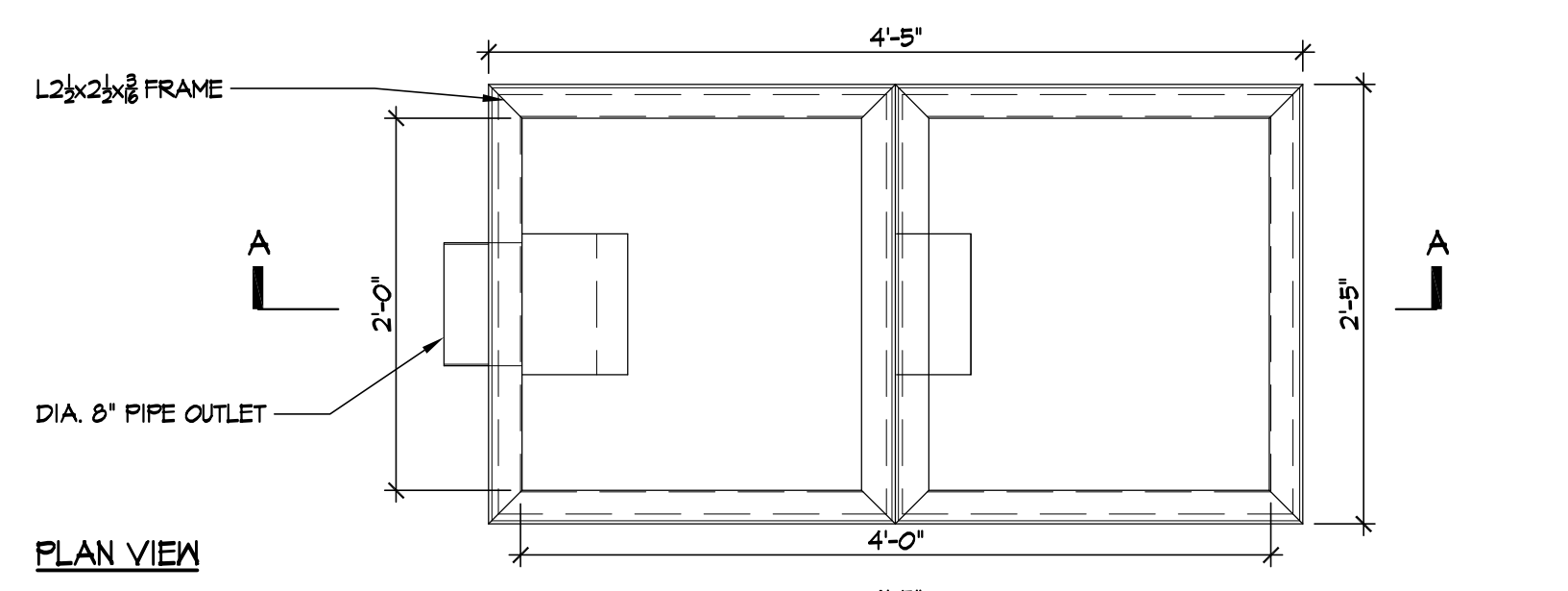
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Drawing	STREETSCAPE - CRONIN PARK DETAILS - 3		



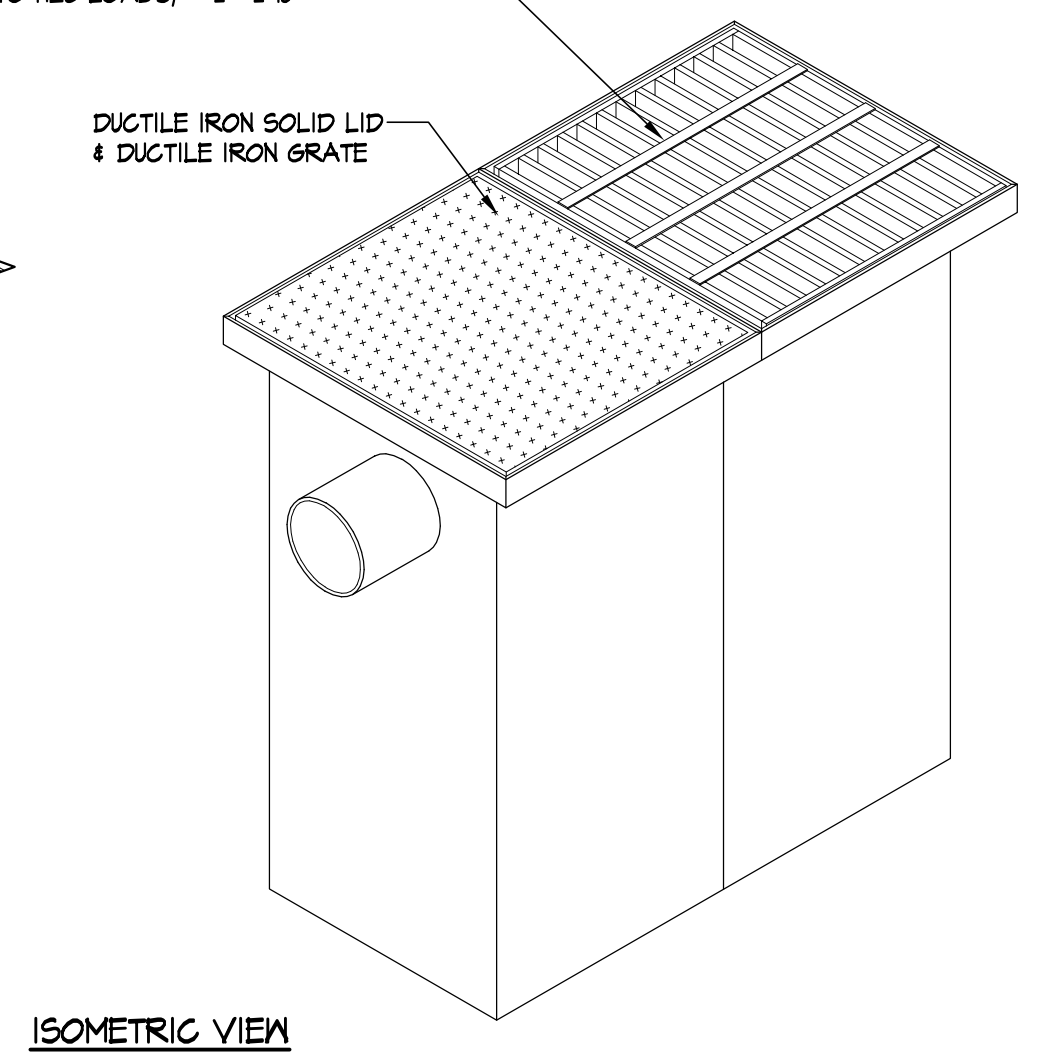
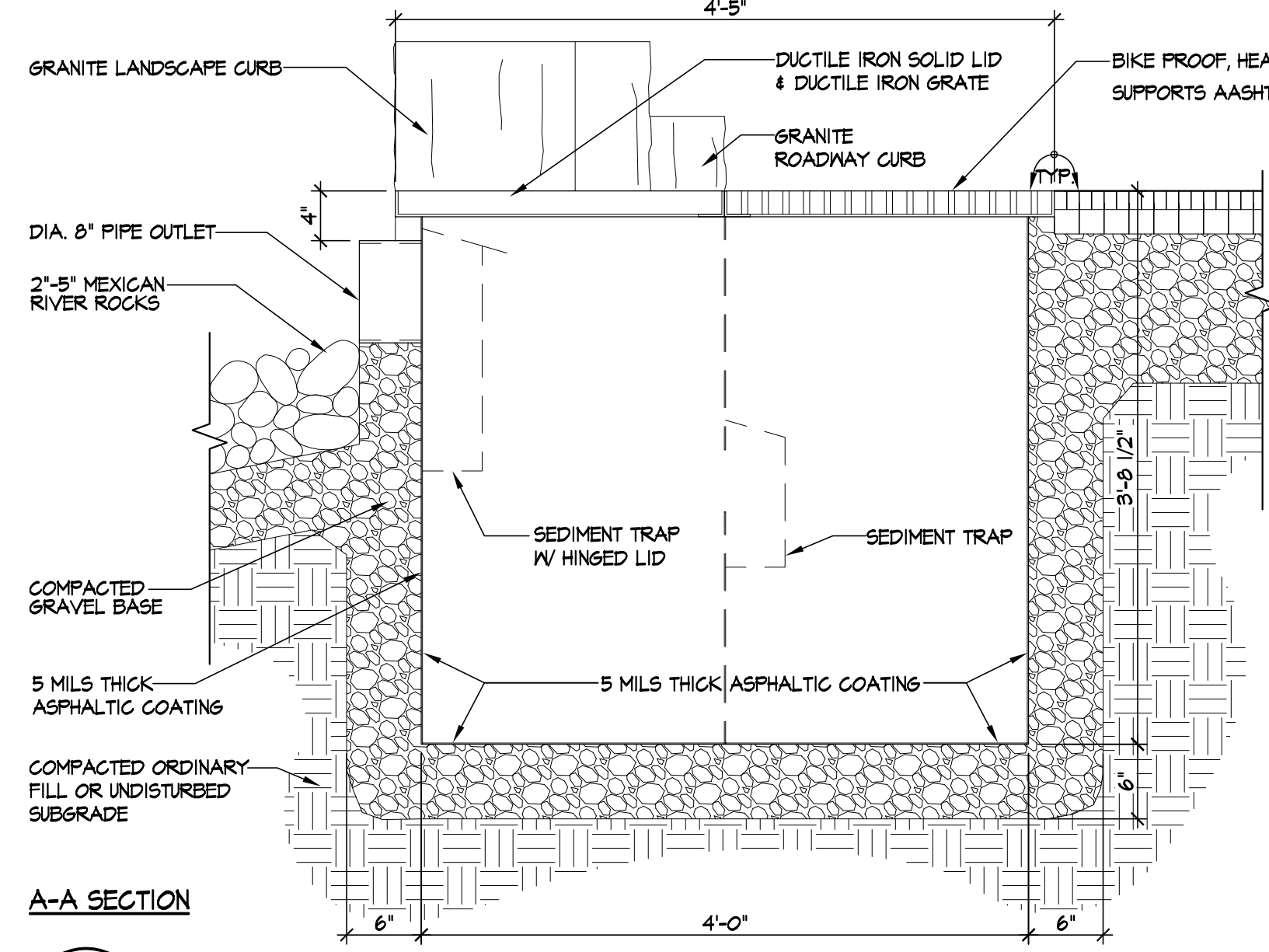
1 LARGE BOULDER AT JAMES CRONIN PARK
Scale: N.T.S.



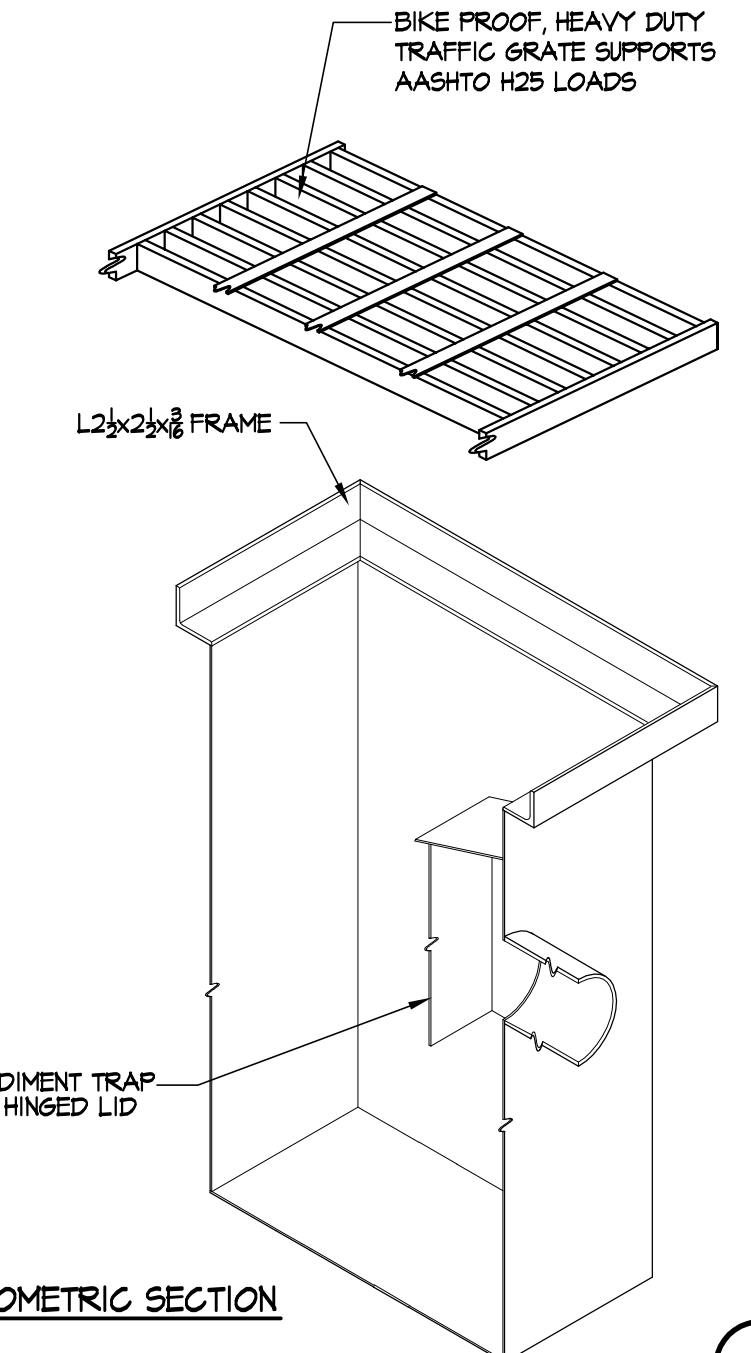
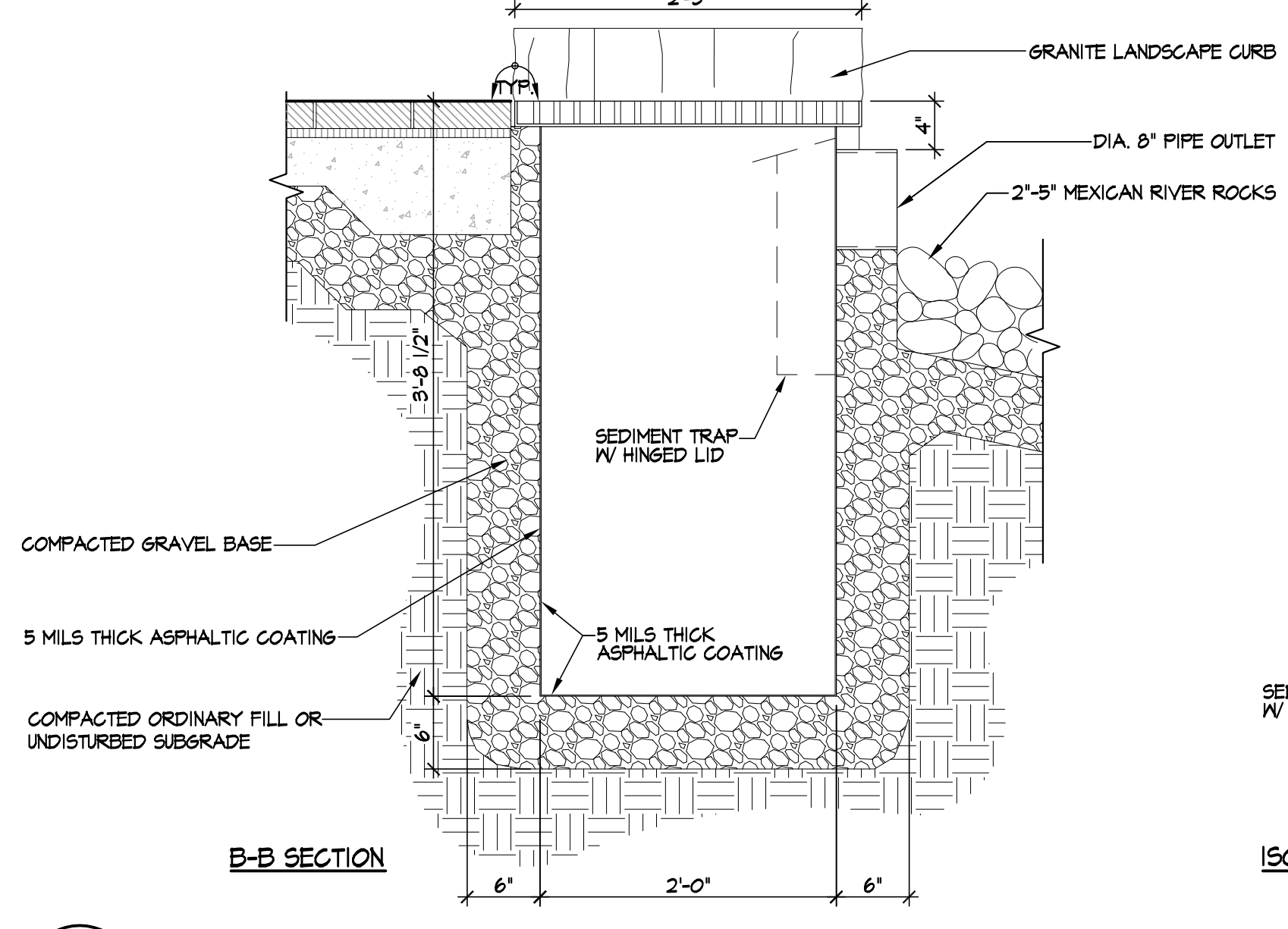
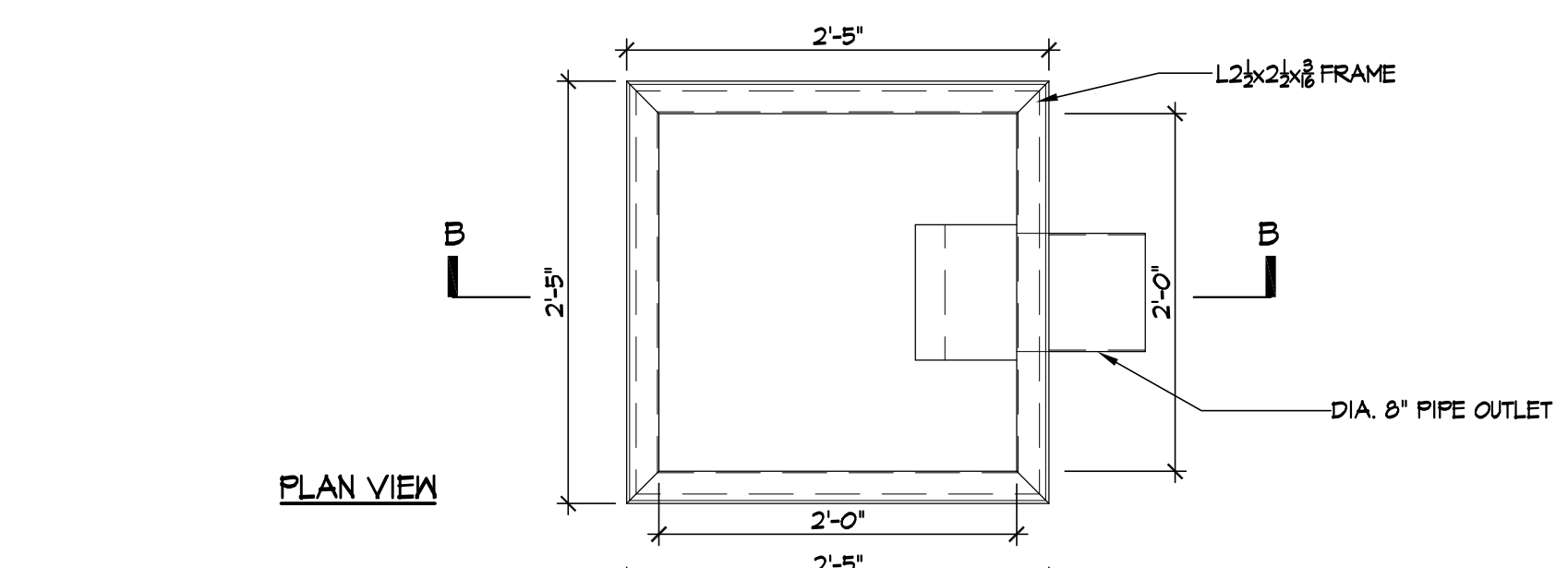
2 CROSS SECTION AT RAIN GARDEN DRAINAGE AREA, TYP
Scale: 1/2"=1'-0"



NOTE:
BOX FABRICATED FROM 10 GA. MATERIAL



3 RAIN GARDEN INLET STRUCTURE, TYPE A
Scale: 1"=1'-0"



4 RAIN GARDEN INLET STRUCTURE, TYPE B
Scale: 1"=1'-0"

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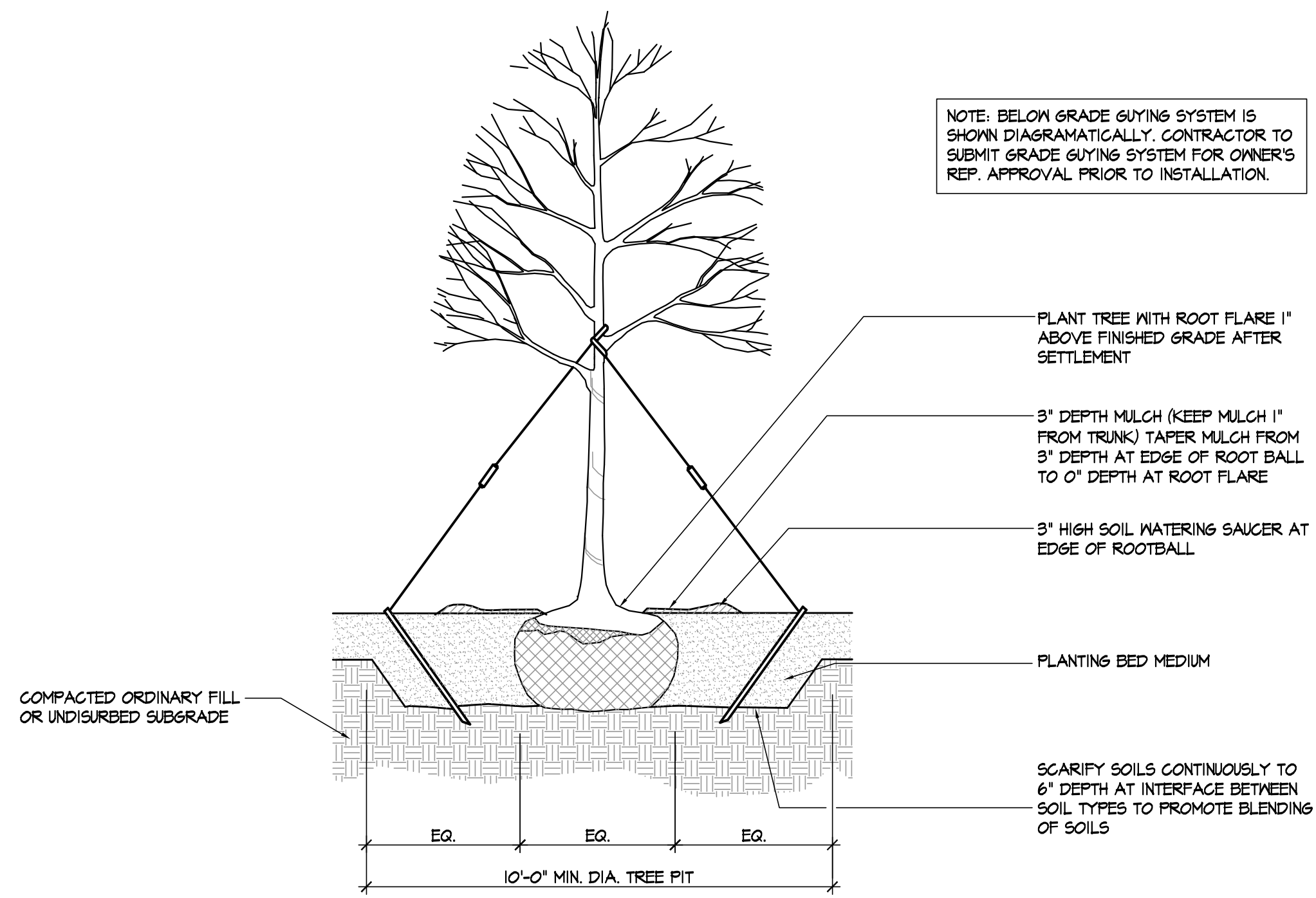
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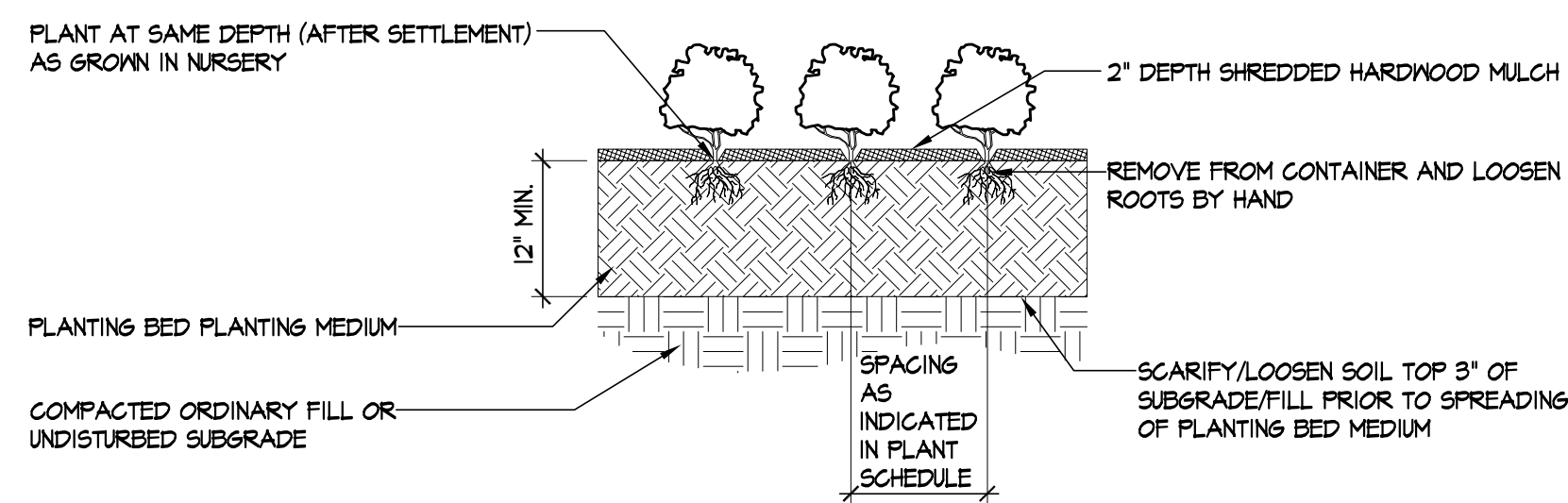
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Date	May, 2012			
Job No.	2009143.01-A			
Designed by	CS			
Drawn by	YL			
Checked by	CS	No.	Description	Date
Approved by	CS		REVISIONS	



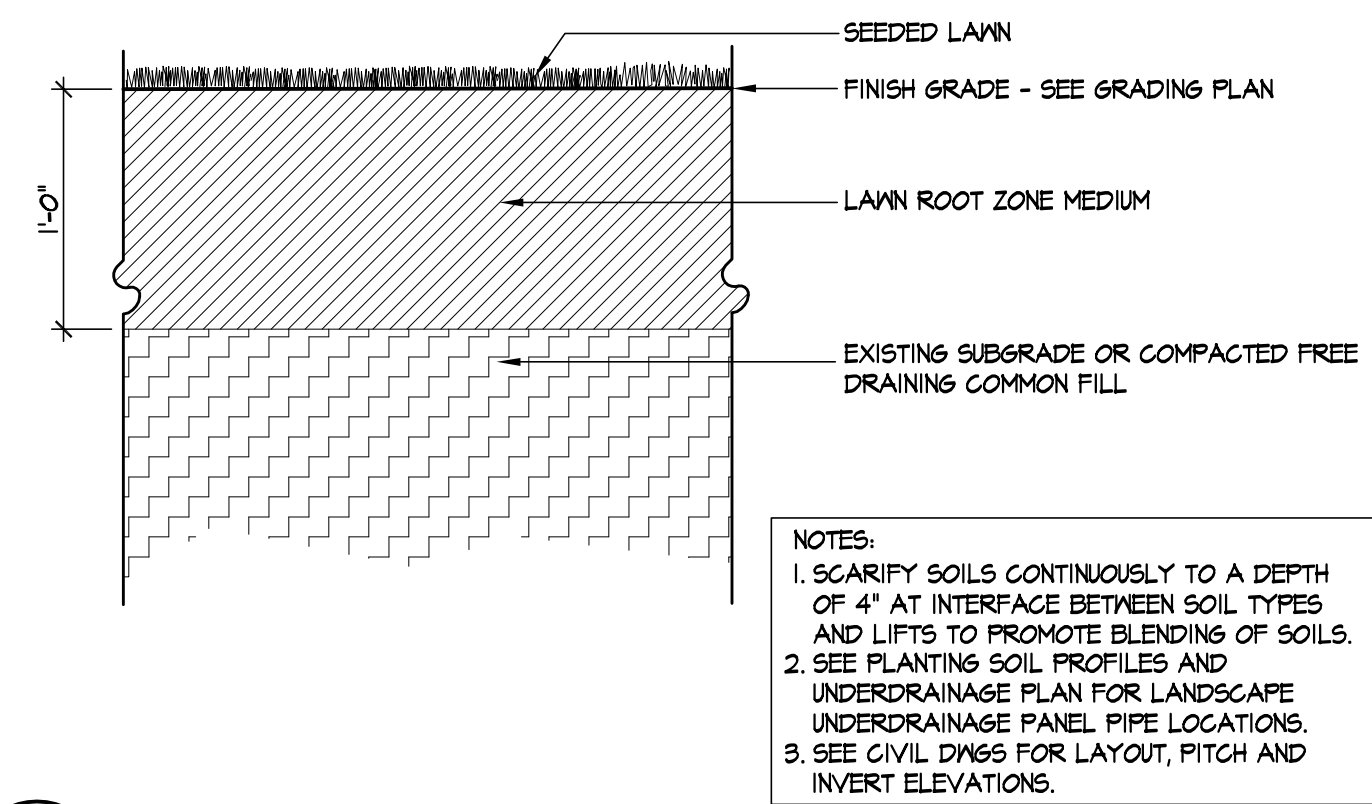
Client	CITY OF CAMBRIDGE, MA	Sheet	SS-22
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	STREETSCAPE - CRONIN PARK DETAILS - 4		



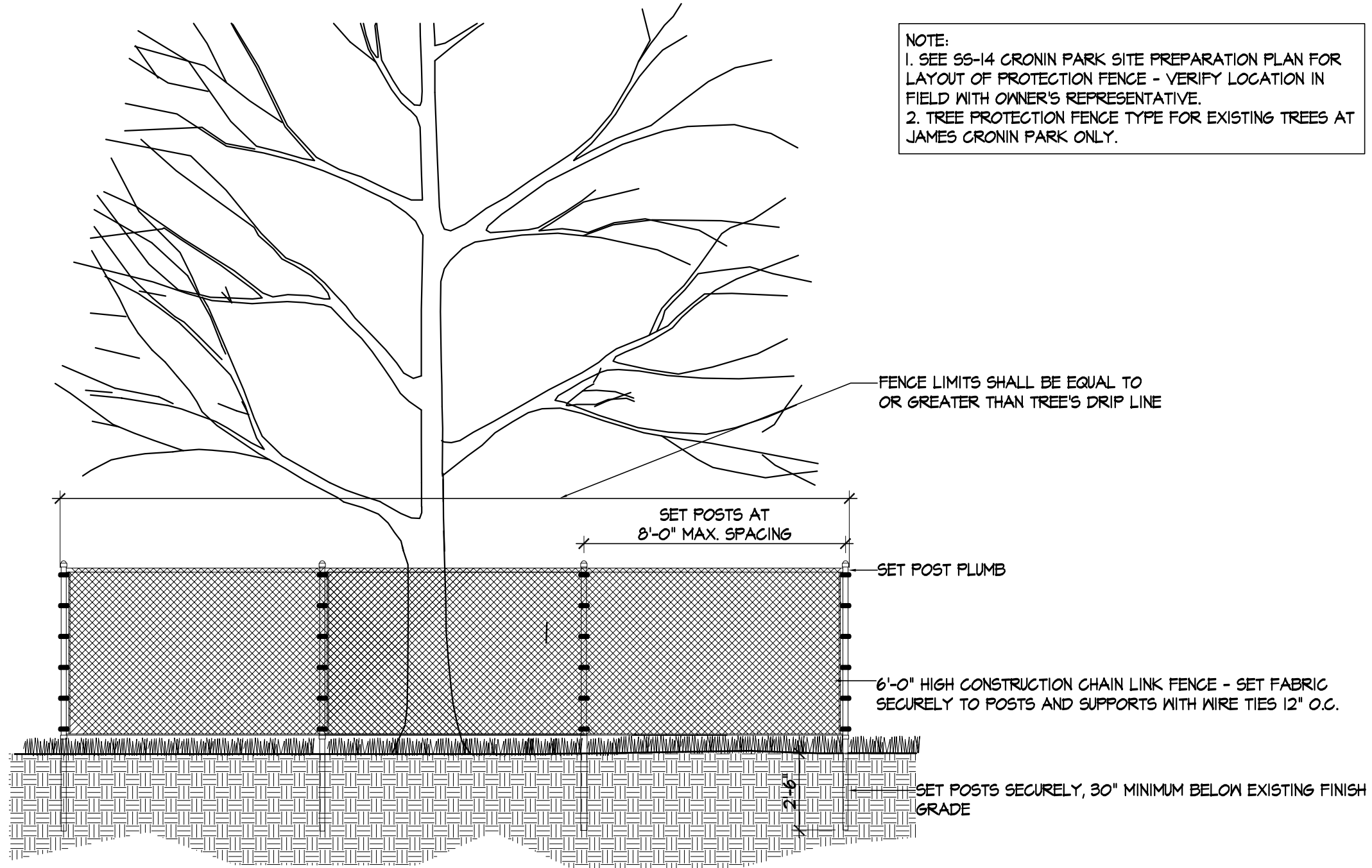
1 DECIDUOUS TREE PLANTING IN PLANT BED AT CRONIN PARK AREA
Scale: 3/8"=1'-0"



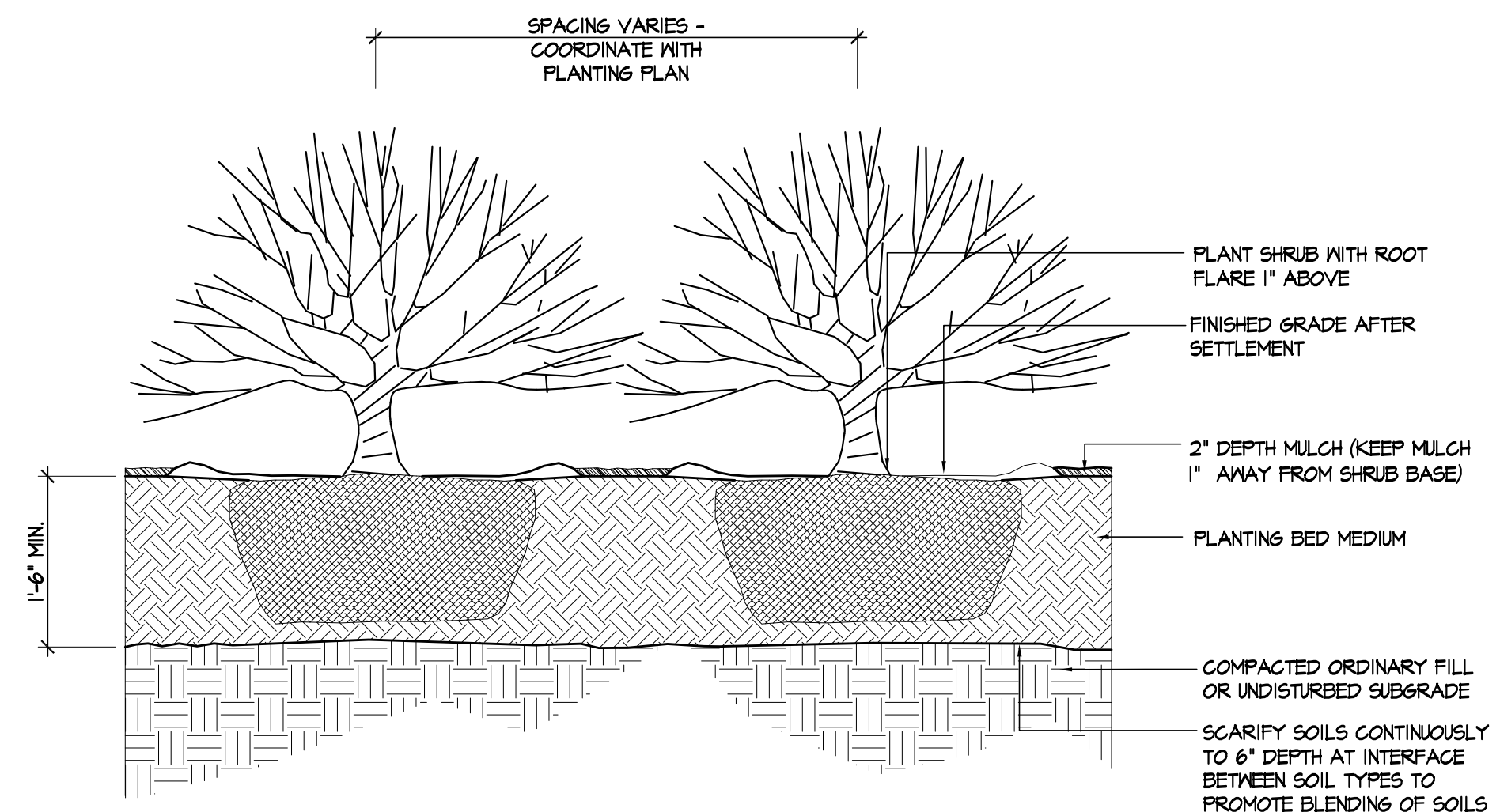
3 PERENNIAL GRASSES AND GROUNDCOVER PLANTING
Scale: 3/4"=1'-0"



4 SODDED LAWN
Scale: N.T.S.



5 TREE PROTECTION FENCE AT JAMES CRONIN PARK
Scale: 1/4"=1'-0"



2 SHRUB PLANTING
Scale: 3/4"=1'-0"

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PLOT DATE=5/20/2012 12:17:41 AM USER=LIN TENG-YEN FILENAME=M:\Western Ave - M&S\0_CAD\Sheets\SS-19-23_Cronin Park Details.dwg



HALVORSON DESIGN PARTNERSHIP
161 MASSACHUSETTS AVENUE, BOSTON MA 02118-3050
PHONE: 617-836-0380 FAX: 617-836-0626
WWW.HALVORSONDESIGN.COM

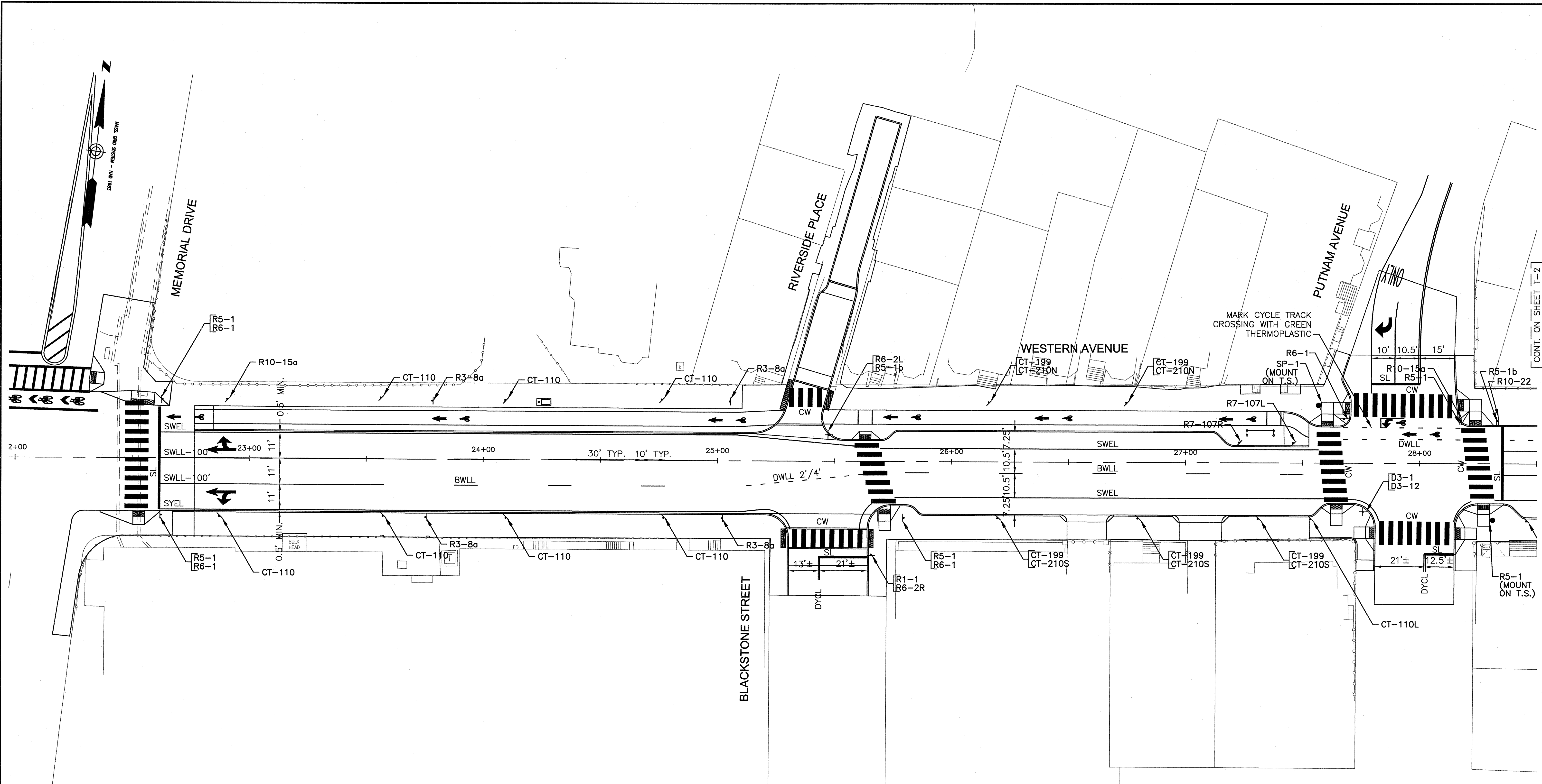


Scale	AS NOTED			
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Designed by	CS			
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Checked by	CS	No.	Description	Date
Approved by	CS		REVISIONS	

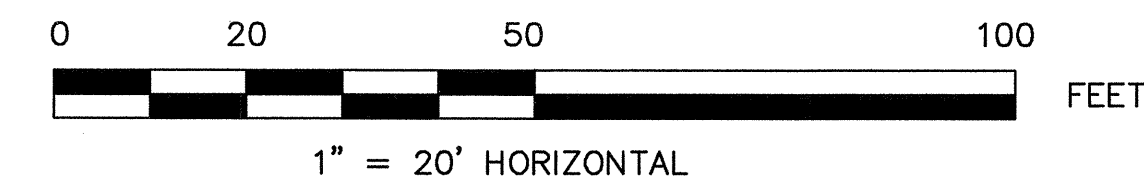


Client	CITY OF CAMBRIDGE, MA	Sheet	SS-23
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	STREETSCAPE - CRONIN PARK DETAILS - 4		

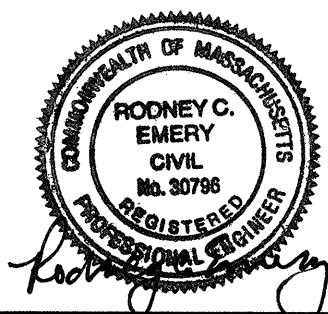
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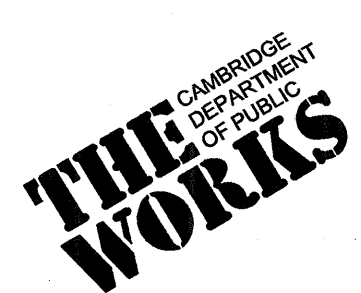
- NOTES:**
1. ALL EXISTING SIGNS AND POSTS SHALL BE REMOVED AND STACKED.
 2. ALL PROPOSED SIGNS SHALL BE LOCATED 2' CLEAR OF THE CYCLE TRACK.
 3. SEE ROADWAY CONSTRUCTION PLANS FOR LIMIT OF WORK INFORMATION.



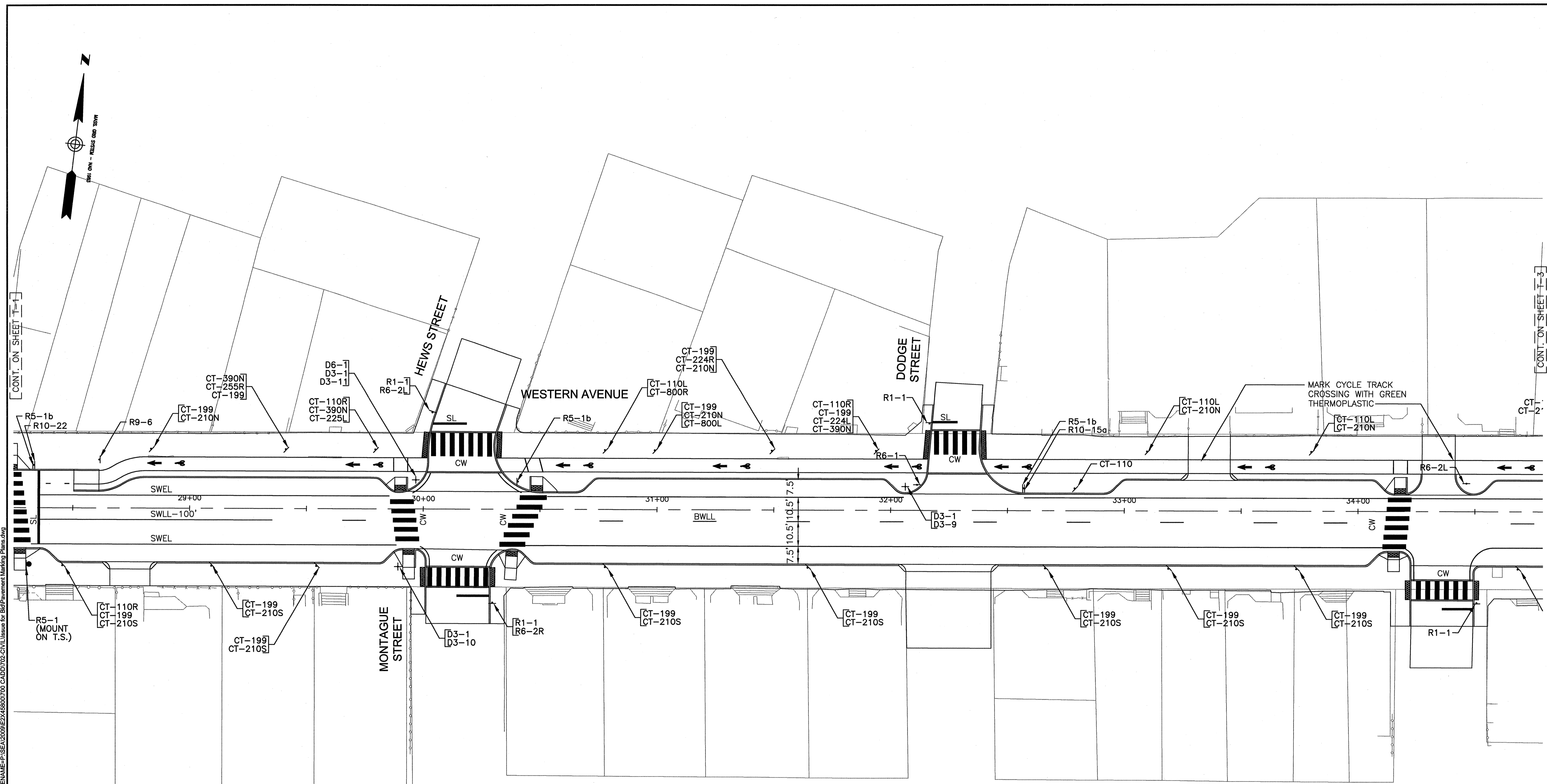
ISSUED FOR BID



Scale	AS NOTED		
Date	MAY, 2012		
Job No.			
Designed by	AJA		
Drawn by	AJA		
Checked by	PJV	No.	Description
Approved by	RCE		REVISIONS



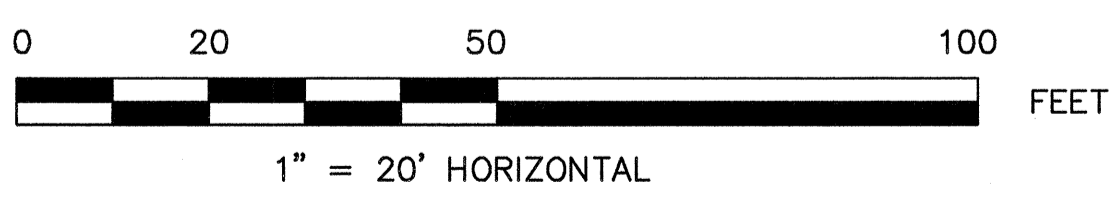
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Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT	File No.	
Drawing	TRAFFIC SIGNS AND PAVEMENT MARKINGS PLAN SHEET 1		



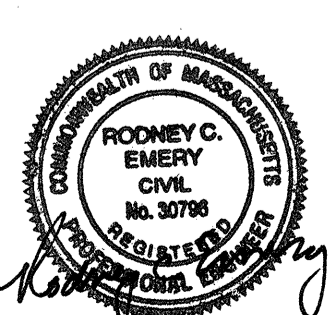
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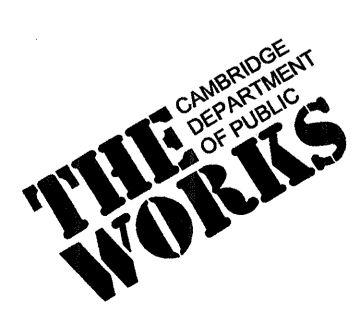
- NOTES:**
1. ALL EXISTING SIGNS AND POSTS SHALL BE REMOVED AND STACKED.
 2. ALL PROPOSED SIGNS SHALL BE LOCATED 2' CLEAR OF THE CYCLE TRACK.
 3. SEE ROADWAY CONSTRUCTION PLANS FOR LIMIT OF WORK INFORMATION.



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Scale	AS NOTED		
Date	MAY, 2012		
Job No.			
Designed by	AJA		
Drawn by	AJA		
Checked by	PJV	No.	Description
Approved by	RCE		Date
			REVISIONS



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	TRAFFIC SIGNS AND PAVEMENT MARKINGS PLAN SHEET 2

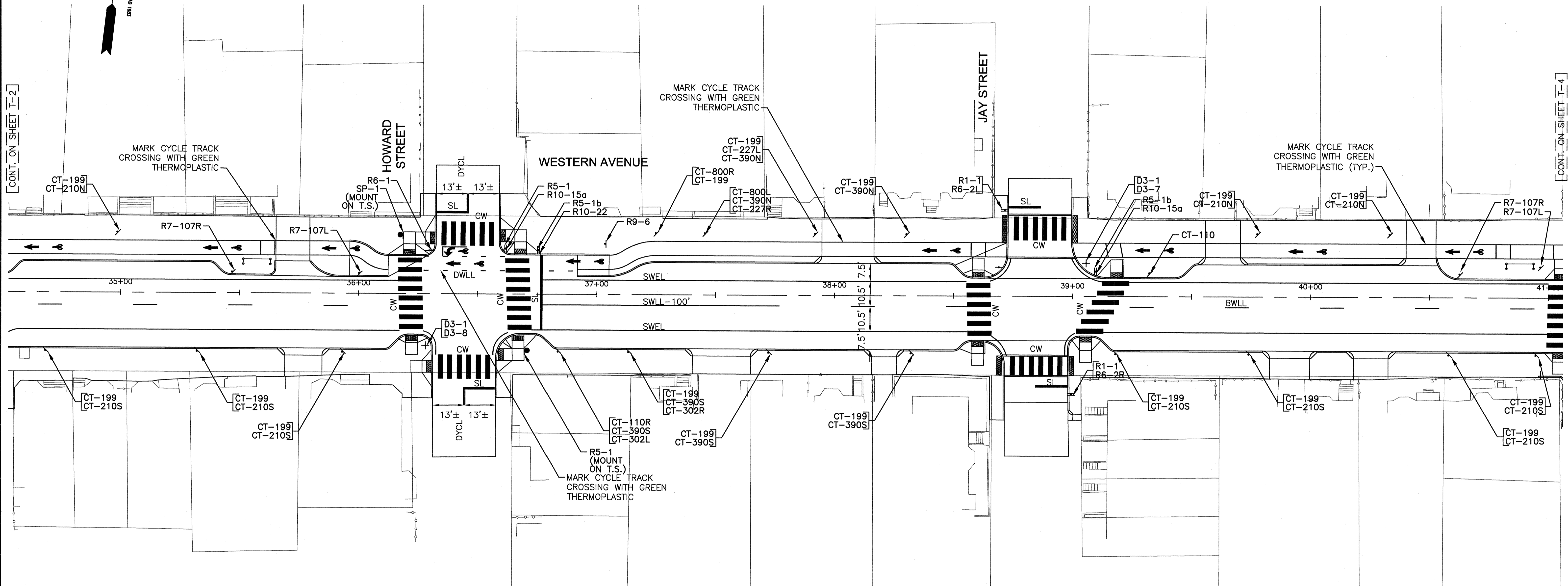
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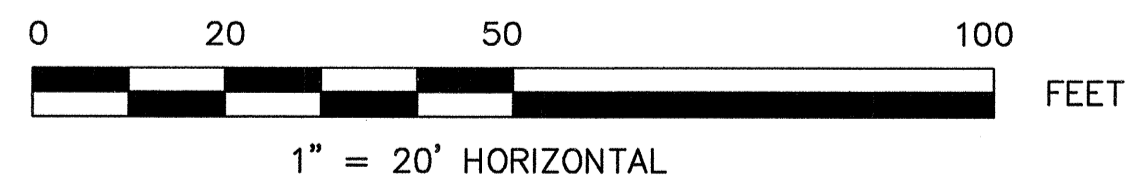
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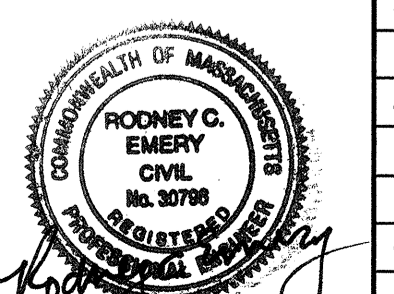


NOTES:

1. ALL EXISTING SIGNS AND POSTS SHALL BE REMOVED AND STACKED.
2. ALL PROPOSED SIGNS SHALL BE LOCATED 2' CLEAR OF THE CYCLE TRACK.
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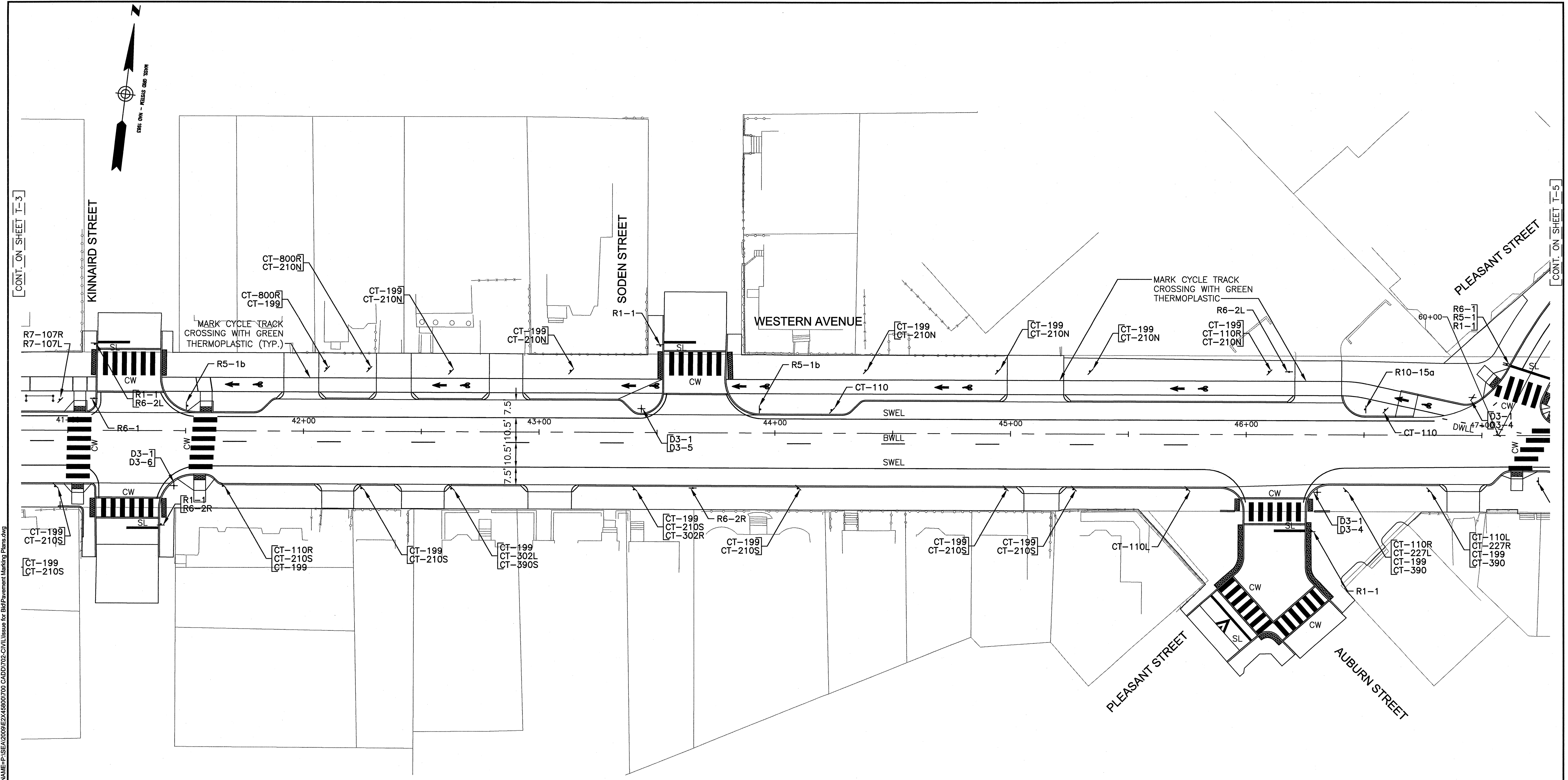
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Checked by	PJV	No.	Description
Approved by	RCE		REVISIONS



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	TRAFFIC SIGNS AND PAVEMENT MARKINGS PLAN SHEET 3

Sheet	T-3
File No.	

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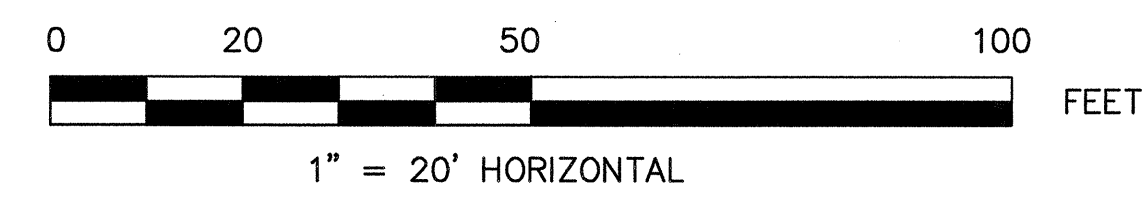


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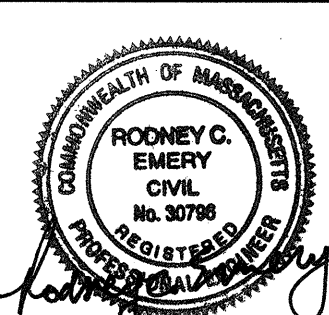
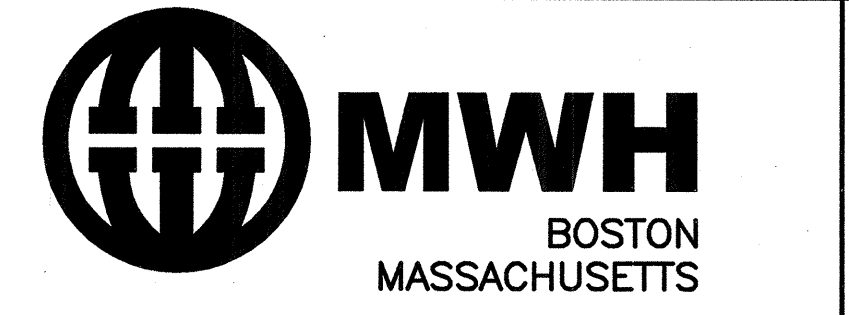
NOTES:

1. ALL EXISTING SIGNS AND POSTS SHALL BE REMOVED AND STACKED.
2. ALL PROPOSED SIGNS SHALL BE LOCATED 2' CLEAR OF THE CYCLE TRACK.
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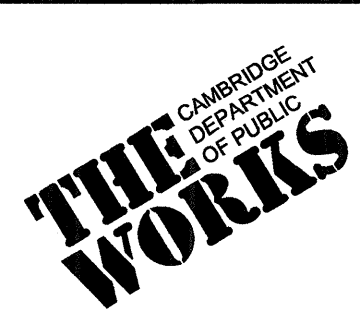


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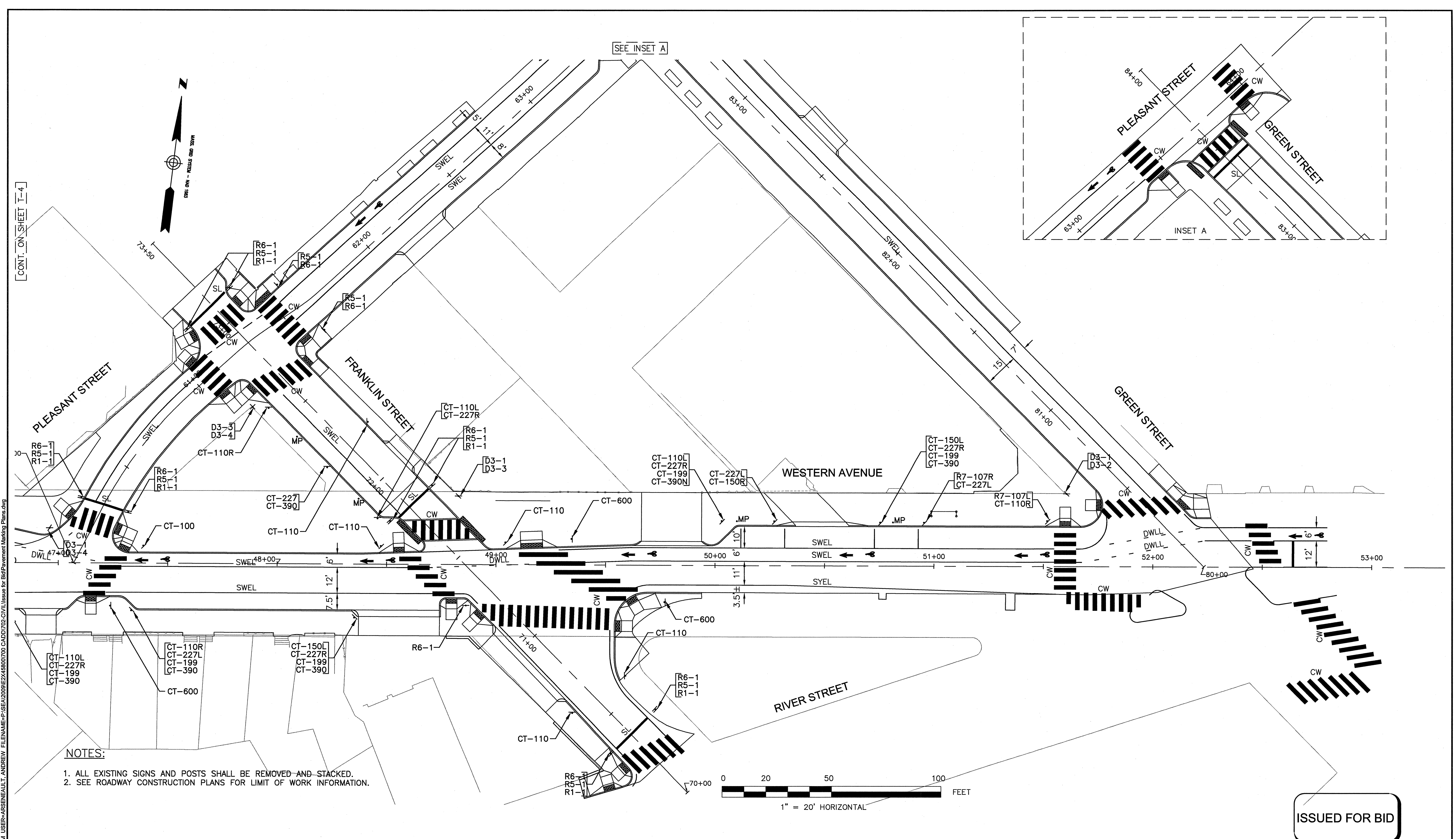


Scale	AS NOTED		
Date	MAY, 2012		
Job No.			
Designed by	AJA		
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Checked by	PJV	No.	Description
Approved by	RCE		REVISIONS



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	TRAFFIC SIGNS AND PAVEMENT MARKINGS PLAN SHEET 4

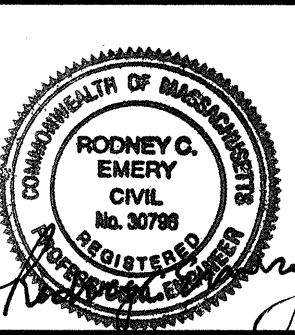
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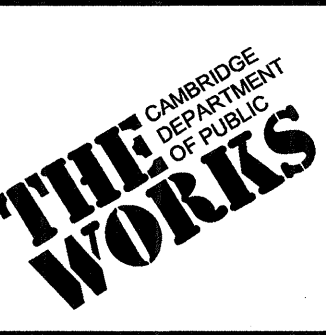
NOTES:
 1. ALL EXISTING SIGNS AND POSTS SHALL BE REMOVED AND STACKED.
 2. SEE ROADWAY CONSTRUCTION PLANS FOR LIMIT OF WORK INFORMATION.

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Scale	AS NOTED		
Date	MAY, 2012		
Job No.			
Designed by	AJA		
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Checked by	PJV	No.	Description
Approved by	RCE		REVISIONS



Client	CITY OF CAMBRIDGE, MA
Project	WESTERN AVENUE INFRASTRUCTURE IMPROVEMENTS PROJECT
Drawing	TRAFFIC SIGNS AND PAVEMENT MARKINGS PLAN SHEET 5

Sheet	T-5
File No.	