

SYMBOLS

DRAWING TITLE

SECTION/ELEVATION

DETAIL KEY

ELEVATION DATUM

PLAN DATUM

NORTH ARROW

REVISION

MATCHLINE

COMPACTED EARTH

CONCRETE

STONE

COMPACTED AGGREGATE

PLANTING SOIL

BITUMINOUS CONCRETE

SAND/MORTAR

DRAINAGE GRAVEL

MULCH

PAVERS

GENERAL CONSTRUCTION NOTES

1. SURVEY INFORMATION SHOWN IS BASED ON TOPOGRAPHIC AND UTILITY SURVEY PROVIDED BY THE CLIENT. NEITHER THE EXACT LOCATION NOR THE INFORMATION GIVEN GUARANTEED TO BE COMPLETE OR CORRECT.
2. THE EXISTING UTILITIES SHOWN ON THE SURVEY WERE TAKEN FROM THE BEST AVAILABLE INFORMATION AND ARE NOT GUARANTEED TO BE ACCURATE. FIELD CONDITIONS MAY VARY. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE LOCAL UTILITY COMPANIES THAT HAVE SUBSURFACE INSTALLATIONS IN THE AREA OF WORK FOR THIS CONTRACT AND DIRECT THEM TO HAVE THEIR FACILITIES MARKED OUT PRIOR TO COMMENCING WORK. FIELD VERIFICATION OF UTILITIES MAY BE NEEDED PRIOR TO COMMENCING WORK.
3. THE CONTRACTOR SHALL EXAMINE AND FIELD VERIFY ALL EXISTING AND GIVEN DIMENSIONS AND CONDITIONS ABOVE AND BELOW THE SURFACE WITH THOSE SHOWN ON THE PLANS. ANY DISCREPANCIES BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL FIELD CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE LANDSCAPE ARCHITECT IN WRITING, PRIOR TO COMMENCEMENT OF WORK.
4. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY CONSTRUCTION PERMITS AND APPROVALS PRIOR TO COMMENCING WORK.
5. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL LABOR, EQUIPMENT, AND MATERIALS AS REQUIRED FOR THE IMPROVEMENT WORK SHOWN WITHIN THE PROJECT AREA.
6. THE LANDSCAPE ARCHITECT SHALL NOT BE RESPONSIBLE FOR CONSTRUCTION METHODS AND MEANS FOR COMPLETION OF THE WORK DEPICTED ON THESE PLANS, NOR FOR ANY CONFLICTS AND/OR REVISIONS WHICH RESULT FROM THE SAME. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING METHODS AND MEANS OF COMPLETION OF THE WORK PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND NOTIFY THE LANDSCAPE ARCHITECT WHEN A CONFLICT IS IDENTIFIED.
7. THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR ALL DAMAGES CAUSED BY HIS/HER OPERATIONS. ALL DAMAGE SHALL BE REPAIRED OR REPLACED BY THE CONTRACTOR WITHOUT COST TO THE OWNER AND TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND OWNER.
8. THE CONTRACTOR SHALL TAKE APPROPRIATE MEASURES TO ENSURE THE SAFETY OF HIS/HER EMPLOYEES AND GENERAL PUBLIC, STRUCTURAL SITE FEATURES TO REMAIN, AND ADJACENT PROPERTIES DURING ALL CONSTRUCTION AND REMOVAL ACTIVITIES IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL CODES AND REGULATIONS. THE OWNER AND LANDSCAPE ARCHITECT ASSUME NO RESPONSIBILITIES FOR THE CONTRACTOR'S SAFETY PROGRAM AND PROCEDURES IN CONNECTION WITH THE WORK.
9. THE CONTRACTOR SHALL MAINTAIN SAFE ACCESS TO ALL BUILDING ENTRANCES WITHIN PROJECT LIMITS.
10. THE CONTRACTOR IS ADVISED THAT ADDITIONAL NOTES SHALL BE FOUND ON SUBSEQUENT SHEETS OF THE CONTRACT PLANS AND SUCH NOTES WHILE PERTAINING TO THE SPECIFIC DRAWINGS THEY ARE PLACED ON, ALSO SUPPLEMENT THE GENERAL NOTES LISTED HEREIN.
11. THE CONTRACTOR IS RESPONSIBLE FOR COORDINATING WITH THE PROPER UTILITY COMPANY OR AGENCY FOR DISCONNECTING SERVICES, RELOCATING SERVICES, AND PROVIDING NEW SERVICES WITHIN THE PROJECT AREA.
12. WHERE CONSTRUCTION, INCLUDING UTILITY LINES, CROSSES OR IS ADJACENT TO EXISTING UTILITY LINES (FUEL, WATER, SEWER, TELECOMMUNICATION, GAS OR ELECTRIC), CONTRACTOR SHALL DIG TEST PITS AND CAREFULLY HAND EXCAVATE SO AS TO LOCATE, MARK, AND PROTECT THE UTILITY LINES AGAINST DISTURBANCE OR DAMAGE.
13. IN THE EVENT THE CONTRACTOR DAMAGES AN EXISTING UTILITY SERVICE CAUSING AN INTERRUPTION IN OR DAMAGE TO SAID SERVICE, THE CONTRACTOR SHALL IMMEDIATELY ARRANGE FOR SERVICE TO BE RESTORED AT THE CONTRACTOR'S EXPENSE AND MAY NOT CONTINUE HIS WORK OPERATION UNTIL SERVICE IS RESTORED.
14. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATELY BRACING AND PROTECTING ALL WORK DURING CONSTRUCTION AGAINST DAMAGE, BREAKAGE, COLLAPSE, DISTORTIONS AND OFF ALIGNMENTS ACCORDING TO CODES AND STANDARDS OF GOOD PRACTICE.
15. THE CONTRACTOR SHALL TAKE THE NECESSARY PRECAUTIONS TO PROTECT THE CATCH BASINS FROM FILLING WITH DEBRIS WITHIN THE CONTRACT LIMITS DURING THE CONTRACT OPERATIONS. IN THE EVENT THE CONTRACTOR'S OPERATION DAMAGES OR BLOCKS THE DRAINAGE SYSTEM, THE CONTRACTOR SHALL AT HIS/HER EXPENSE IMMEDIATELY REPAIR OR RESTORE THE DRAINAGE SYSTEM AS DIRECTED BY THE PROJECT ENGINEER.
16. THE TOP ELEVATION OF ALL EXISTING SURFACE UTILITY FEATURES (I.E. HANDHOLES, MANHOLES, CATCH BASINS, VALVE BOXES, AND FILL CAPS COVERS) LOCATED WITHIN THE CONSTRUCTION AREA SHALL BE RESET AND BE MADE FLUSH WITH THE PROPOSED GRADE.
17. ALL FINISH GRADING IS TO BE DONE SO AS TO ENSURE POSITIVE DRAINAGE TOWARD THE APPROPRIATE CATCH BASINS.
18. WHERE MANUFACTURER'S NAMES AND PRODUCT NUMBERS ARE INDICATED ON DRAWINGS, IT SHALL BE CONSTRUED TO MEAN THE ESTABLISHMENT OF QUALITY AND PERFORMANCE STANDARDS OF SUCH ITEMS. ALL OTHER PRODUCTS MUST BE SUBMITTED FOR APPROVAL BEFORE THEY SHALL BE DEEMED EQUAL.
19. UNSUITABLE MATERIAL, CONSTRUCTION DEBRIS, ETC. SHALL BE PROPERLY REMOVED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH APPLICABLE STATE AND LOCAL CODES, ORDINANCES, AND LAWS.
20. WHERE EXISTING CONCRETE PAVEMENT OR ASPHALT CONCRETE PAVEMENT IS REMOVED, THE CONTRACTOR SHALL SAWCUT AND NEATLY TRIM EDGE OF REMAINING PAVEMENT BEFORE INSTALLING NEW CONSTRUCTION.
21. PRIOR TO ANY SIDEWALK EXCAVATION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING THE EXISTENCE OF UNDER-SIDEWALK VAULTS.
22. NO CHANGES SHALL BE MADE TO THE DESIGN OR LAYOUT WITHOUT THE WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT. THE CONTRACTOR SHALL LAYOUT THE WORK AS DIMENSIONED ON THE PLANS. WRITTEN DIMENSIONS SHALL GOVERN. DO NOT SCALE DISTANCES. ALL LAYOUT TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION OF THE WORK.

DEMOLITION NOTES

1. SITE SHALL BE WATERED DOWN DURING DEMOLITION TO MINIMIZE DUST. THE CONTRACTOR IS RESPONSIBLE FOR DUST CONTROL THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL SITE IS PERMANENTLY STABILIZED.
2. THE CONTRACTOR IS RESPONSIBLE FOR INSTALLING TEMPORARY SITE CONSTRUCTION FENCE AROUND PERIMETER OF WORK AREA PRIOR TO START OF CONSTRUCTION.
3. THE CONTRACTOR IS TO EXERCISE EXTREME CARE WHEN PERFORMING ANY WORK ACTIVITIES ADJACENT TO BUILDING WALLS TO REMAIN IN PLACE. ALL UNSUITABLE MATERIAL, CONSTRUCTION DEBRIS, ETC. SHALL BE PROPERLY REMOVED AND DISPOSED OF OFF-SITE IN ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, AND LAWS.
4. ALL DEMOLITION, GRADING, AND TREE REMOVAL PROCEDURES, PERMITS AND APPROVALS SHALL BE IN ACCORDANCE WITH APPROPRIATE AUTHORIZING AGENCIES AND ARE THE RESPONSIBILITY OF THE CONTRACTOR.
5. ALL EXISTING TREES AND VEGETATION TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. ANY DAMAGED TREES AND/OR VEGETATION SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR.
6. ALL WORK WITHIN THE DRIPLINE OF EXISTING TREES SHALL BE PERFORMED BY HAND. PERFORM EXPLORATORY EXCAVATION WITHIN THE DRIPLINE WITH A PNEUMATIC EXCAVATION TOOL. HAND TOOLS OR PNEUMATIC TOOLS TO BE USED AFTER ROOT LOCATIONS ARE IDENTIFIED. THE ARBORIST SHALL BE ON-SITE DURING THE PERFORMANCE OF ALL WORK WITHIN THE DRIPLINE OF EXISTING TREES. WHEN A TREE ROOT IS ENCOUNTERED OUTSIDE THE DRIPLINE OF EXISTING TREES, CEASE DIGGING AND CONSULT THE ARBORIST FOR INSTRUCTION ON HOW TO PROCEED BEFORE CONTINUING WORK. MECHANICAL EXCAVATION WITHIN THE DRIPLINE OR AT EXISTING ROOTS IS NOT ACCEPTABLE.
7. THE CONTRACTOR IS RESPONSIBLE TO KEEP PUBLIC RIGHTS-OF-WAYS ALONG SITE BOUNDARIES CLEAR OF SOIL AND DEBRIS AND IS RESPONSIBLE FOR ANY STREET CLEANING NECESSARY DURING THE COURSE OF THE PROJECT.

LANDSCAPE NOTES

1. THE LANDSCAPE CONTRACTOR SHALL COORDINATE THIS WORK WITH OTHER CONTRACTORS PERFORMING WORK ON SITE AND AT ADJACENT SITE, AS NECESSARY.
2. THE CONTRACTOR SHALL LOCATE AND VERIFY ALL EXISTING AND NEWLY INSTALLED UNDERGROUND UTILITIES PRIOR TO ANY PLANTING AND SHALL IMMEDIATELY REPORT ANY CONFLICTS TO THE GENERAL CONTRACTOR AND LANDSCAPE ARCHITECT.
3. EXISTING TREES AS INDICATED ON THE PLAN AS TO REMAIN SHALL BE PROTECTED BY THE CONTRACTOR. ANY DAMAGED TREES SHALL BE REPLACED IN KIND AT THE EXPENSE OF THE CONTRACTOR. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF ALL NEW LANDSCAPE PLANTINGS AFTER PLANTING UNTIL FINAL COMPLETION. SEE SPECIFICATION SECTION 329300.
4. THE CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO FABRICATION OF THE PROJECT ELEMENTS. THE SHOP DRAWINGS SHALL FULLY DESCRIBE ALL DIMENSIONS, CONNECTIONS, AND COMPONENTS.
5. THE CONTRACTOR SHALL SUPPLY ALL PLANT MATERIAL IN QUANTITIES SUFFICIENT TO COMPLETE THE PLANTING SHOWN ON THE PLANS. SHOULD THERE BE ANY DISCREPANCIES BETWEEN THE QUANTITIES CALLED FOR ON THE PLANT LIST AND THOSE INDICATED ON THE PLANS, THE GREATER QUANTITY SHALL GOVERN.
6. NO PLANT OR CULTIVAR SUBSTITUTIONS SHALL BE INSTALLED WITHOUT WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
7. ALL WORK WITHIN THE DRIPLINE OF EXISTING TREES SHALL BE PERFORMED BY HAND. ALL EXPLORATORY EXCAVATION WITHIN THE DRIPLINE TO BE PERFORMED WITH A PNEUMATIC EXCAVATION TOOL. ONCE ROOT LOCATIONS ARE DETERMINED, HAND EXCAVATE AS APPROPRIATE AND APPROVED BY ARBORIST. THE ARBORIST SHALL BE ON-SITE DURING THE PERFORMANCE OF ALL WORK WITHIN THE DRIPLINE OF EXISTING TREES. WHEN A TREE ROOT IS ENCOUNTERED OUTSIDE THE DRIPLINE OF EXISTING TREES, CEASE DIGGING AND CONSULT THE ARBORIST FOR INSTRUCTION ON HOW TO PROCEED BEFORE CONTINUING WORK. MECHANICAL EXCAVATION WITHIN THE DRIPLINE OR AT EXISTING ROOTS IS NOT ACCEPTABLE.
8. CERTIFIED ARBORIST MUST BE ON SITE DURING ALL WORK WITHIN THE TREE DRIPLINES. ARBORIST TO DOCUMENT WORK WITH PHOTOS.
9. NO STAGING OR STORAGE OF EQUIPMENT OR MATERIALS SHALL OCCUR WITHIN THE PROTECTION ZONE OF THE PROJECT.

LEGEND

GENERAL

VEGETATION

ABBREVIATION LIST

A	ADJ	ADJACENT, ADJUSTABLE	CONC	CONCRETE	F	FAB	FABRIC
	AFF	ABOVE FINISH FLOOR	CU	CUBIC FEET		FIN	FINISH
	ALT	ALTERNATE				FT	FOOT, FEET
	ALUM	ALUMINUM	D	DECK DRAIN		FTG	FOOTING
	APPROX	APPROXIMATE	DIA	DIAMETER	G	GA	GAUGE
	ARCH	ARCHITECT(U)RAL	DIAG	DIAGONAL		GALV	GALVANIZED
			DIM	DIMENSION		GC	GENERAL CONTRACTOR
B	BC	BOTTOM OF CURB	DN	DOWN			
	BD	BOARD	DS	DOWN SPOUT	H	HDWD	HARDWARE
	BLDG	BUILDING	DWG(S)	DRAWING(S)		HDWD	HARDWOOD
	BLKG	BLOCKING				HM	HOLLOW METAL
	BOT	BOTTOM	E	EAST		HOR	HORIZONTAL
	BRK	BRICK	EA	EACH		HT	HEIGHT
	BS	BOTTOM OF STAIR	EJ	EXPANSION JOINT		HVAC	HEATING/VENTILATING/
	BW	BOTTOM OF WALL	EL	ELEVATION			AIR CONDITIONING
			ELEC	ELECTRIC(AL)			
C	CEM	CEMENT	EQ	EQUAL	I	ID	INSIDE DIAMETER
	CIP	CAST IN PLACE	EQUIP	EQUIPMENT		INCL	INCLUDE(E), (ED), (ING)
	CJ	CONTROL JOINT	EXP	EXPOSED		INSUL	INSULATE(E), (ED), (ING), (ION)
	CMU	CONCRETE MASONRY UNIT	EXIST	EXISTING		INT	INTERIOR
	COL	COLUMN	EXT	EXTERIOR			
J	JT	JOINT	NOM	NOMINAL	RE:	REFER TO	
			NTS	NOT TO SCALE	REINFC	REINFORC(E), (ED), (ING)	
K	KO	KNOCK OUT			REQD	REQUIRED	
L	L	LENGTH	O	ON CENTER	REV	REVISION	
	LT	LIGHT	OC	OUTSIDE DIAMETER	RL	RAIN LEADER	
			OPNG	OPENING			
			OPP	OPPOSITE	S	S	SOUTH
M	MAS	MASONRY	P	PERF	SCHED	SCHEDULE(E), (ED)	
	MATL	MATERIAL			SD	STORM DRAIN	
	MAX	MAXIMUM	PL	PLATE	SHT	SHEET	
	MECH	MECHANICAL	PLYWD	PLYWOOD	SIM	SIMILAR	
	MED	MEDIUM	PNL	PANEL	SQ	SQUARE	
	MFR	MANUFACTURER	PNT	PAINT(ED)	SS	STAINLESS STEEL, SOLID	
	MIN	MINIMUM	PSF	POUNDS PER SQUARE FOOT	SURF	SURFACE	
	MSC	MISCELLANEOUS	PSI	POUNDS PER SQUARE INCH	STD	STANDARD	
	MO	MASONRY OPENING	PT	POINT	STL	STEEL	
	MTL	METAL	P.O.B.	POINT OF BEGINNING	STN	STAIN(ED)	
					SUSP	SUSPEND(ED)	
N	N	NORTH	R	RADIUS	T	TBD	TO BE DECIDED
	NIC	NOT IN CONTRACT	RB	RUBBER BASE		TC	TOP OF CURB
	No., #	NUMBER	RD	ROOF DRAIN			

MISC. SYMBOLS

☪ CENTERLINE

≡ PROPERTYLINE

∠ ANGLE

⊥ PERPENDICULAR

∅ DIAMETER

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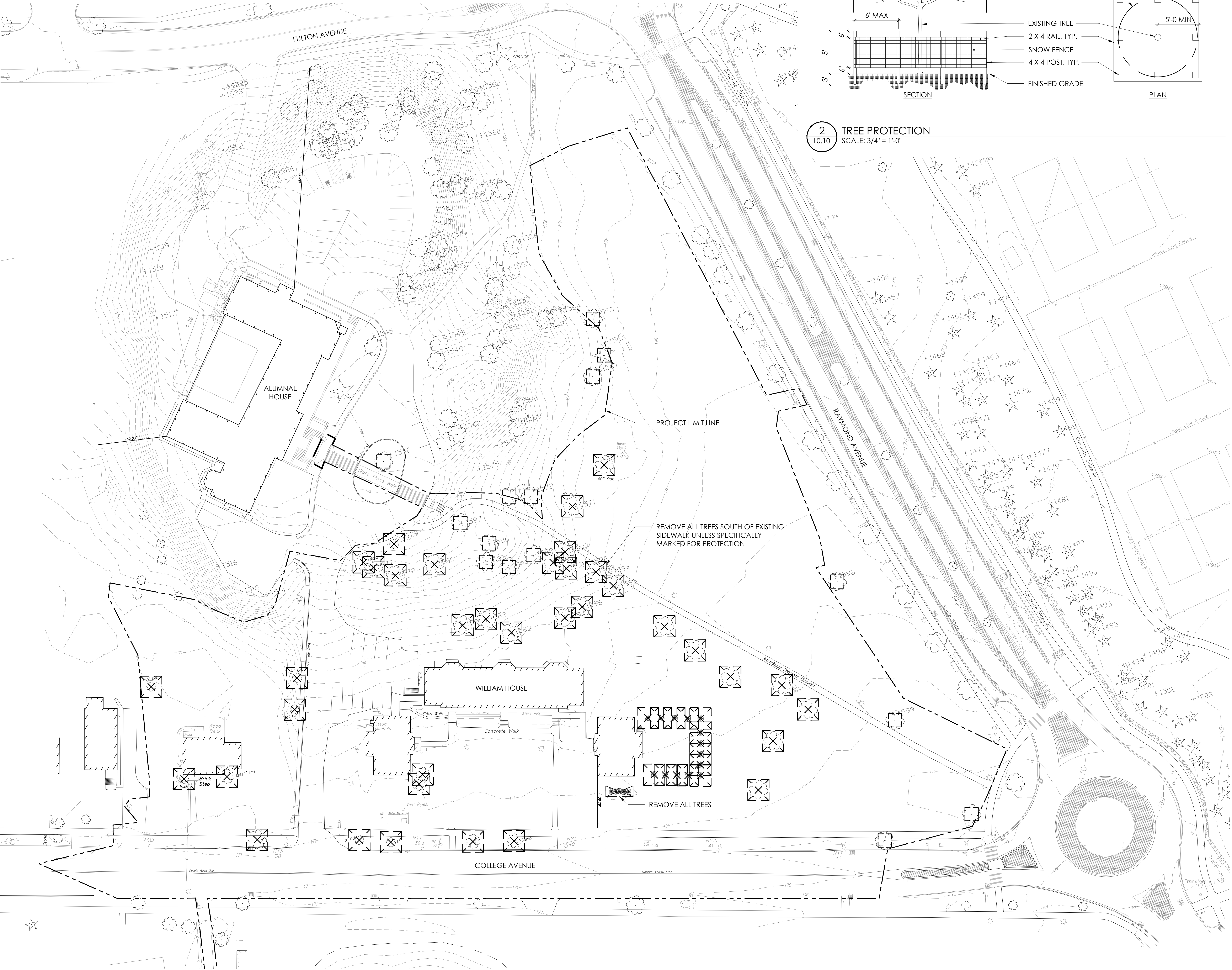
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LEGEND

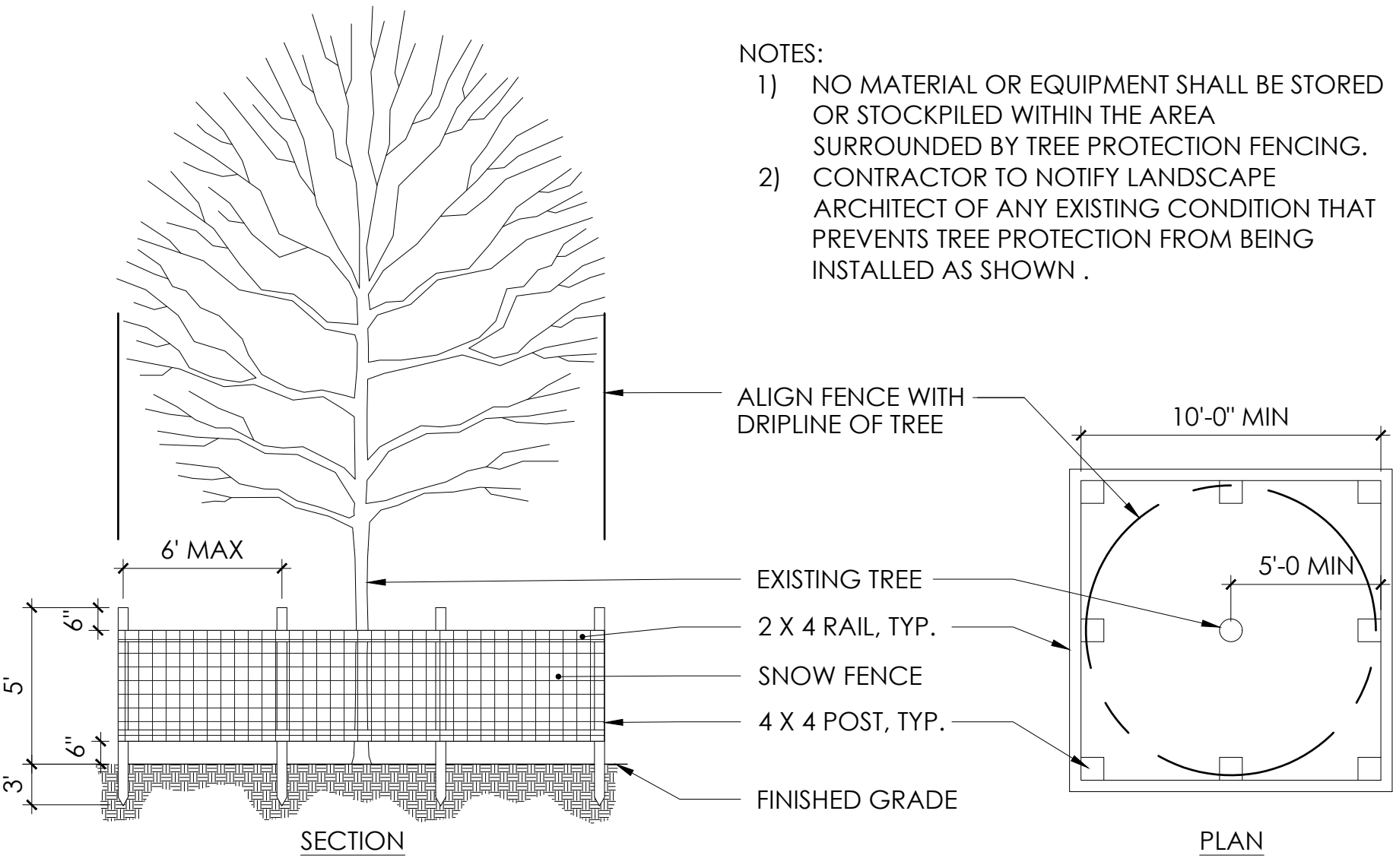
- EXISTING TREE
- TREE TO BE REMOVED
- TREE TO BE PROTECTED
- +1595 CAMPUS TREE INVENTORY NUMBER

NOTE:

- 1) THE EXISTING VEGETATION SHOWN IS TAKEN FROM BEST AVAILABLE INFORMATION AND IS NOT GUARANTEED TO BE ACCURATE. FIELD CONDITIONS MAY VARY. FIELD VERIFICATION OF EXISTING TREES AND VEGETATION MAY BE NEEDED PRIOR TO COMMENCING WORK.
- 2) REMOVE ALL STUMPS OF TREES MARKED FOR REMOVAL.
- 3) ALL TREES OUTSIDE OF LIMIT OF WORK ARE TO BE PROTECTED.



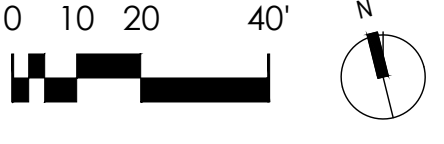
2 TREE PROTECTION
SCALE: 3/4" = 1'-0"



NOTES:

- 1) NO MATERIAL OR EQUIPMENT SHALL BE STORED OR STOCKPILED WITHIN THE AREA SURROUNDED BY TREE PROTECTION FENCING.
- 2) CONTRACTOR TO NOTIFY LANDSCAPE ARCHITECT OF ANY EXISTING CONDITION THAT PREVENTS TREE PROTECTION FROM BEING INSTALLED AS SHOWN.

1 TREE REMOVAL AND PROTECTION PLAN
SCALE: 1" = 30'-0"



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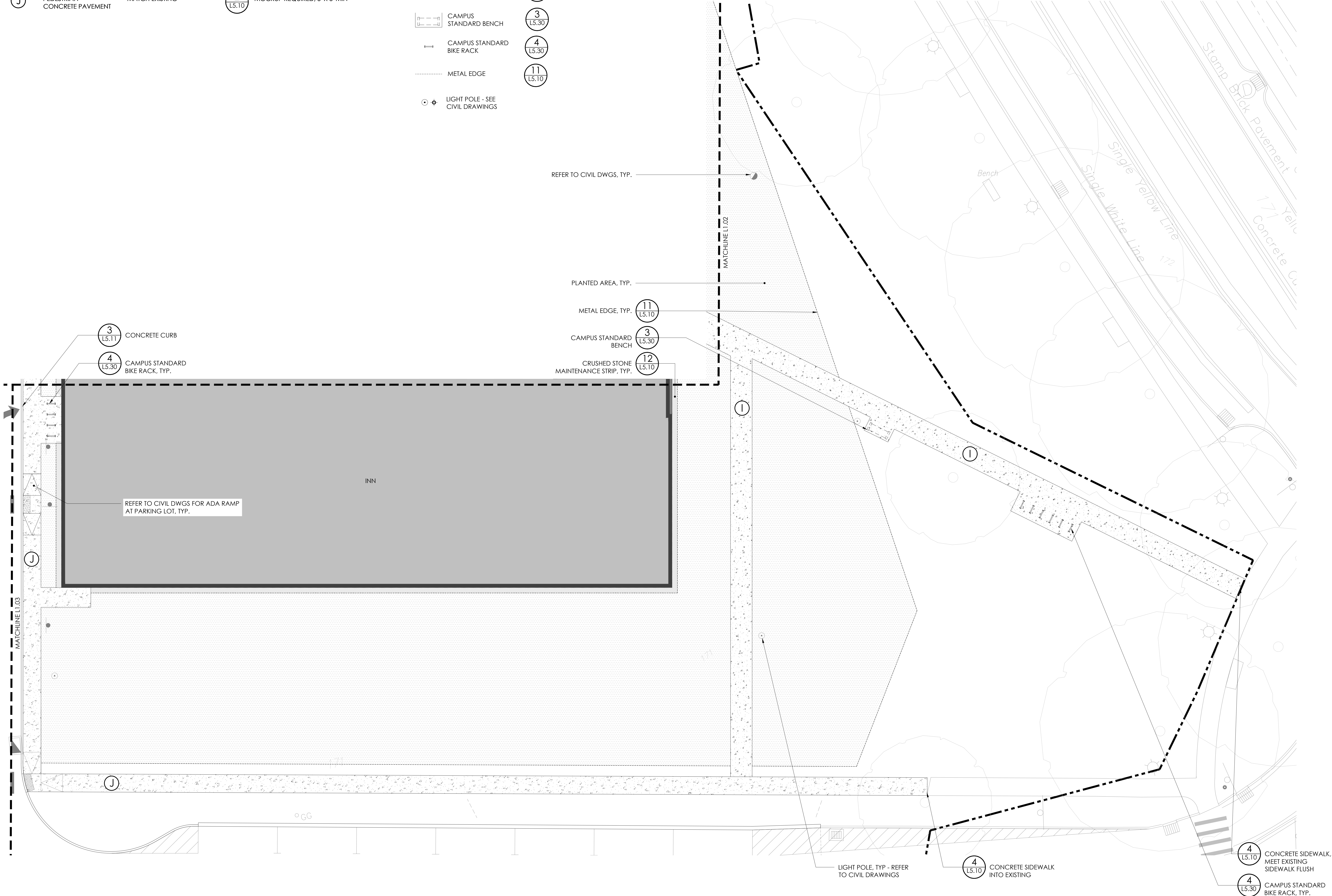
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PAVING SCHEDULE				
KEY	MATERIAL	PAVING SIZE/PATTERN/FINISH	DETAIL	NOTES
I	PEDESTRIAN CONCRETE PAVEMENT	INTEGRAL COLOR - SEE SPECS FOR FINISH	2 L5.10	MOCKUP REQUIRED, 5' X 5' MIN
J	PEDESTRIAN CONCRETE PAVEMENT	MATCH EXISTING	2 L5.10	MOCKUP REQUIRED, 5' X 5' MIN

MATERIALS LEGEND		
	PEDESTRIAN CONCRETE PAVEMENT	2 L5.10
	CRUSHED STONE MAINTENANCE STRIP	12 L5.10
	CAMPUS STANDARD BENCH	3 L5.30
	CAMPUS STANDARD BIKE RACK	4 L5.30
	METAL EDGE	11 L5.10
	LIGHT POLE - SEE CIVIL DRAWINGS	



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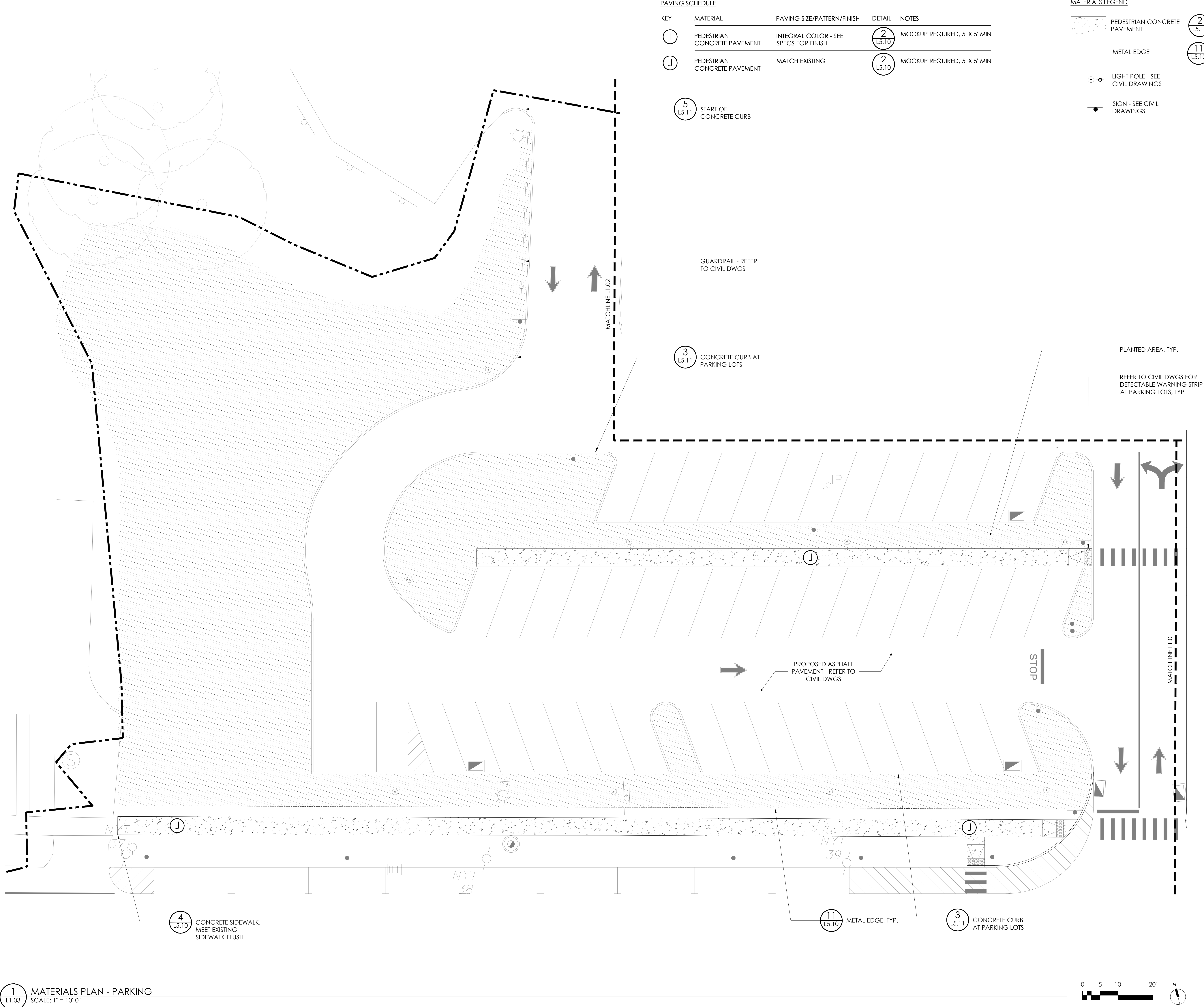
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MATERIALS PLAN - APPROACH
SCALE: 1" = 10'-0"

L1.01

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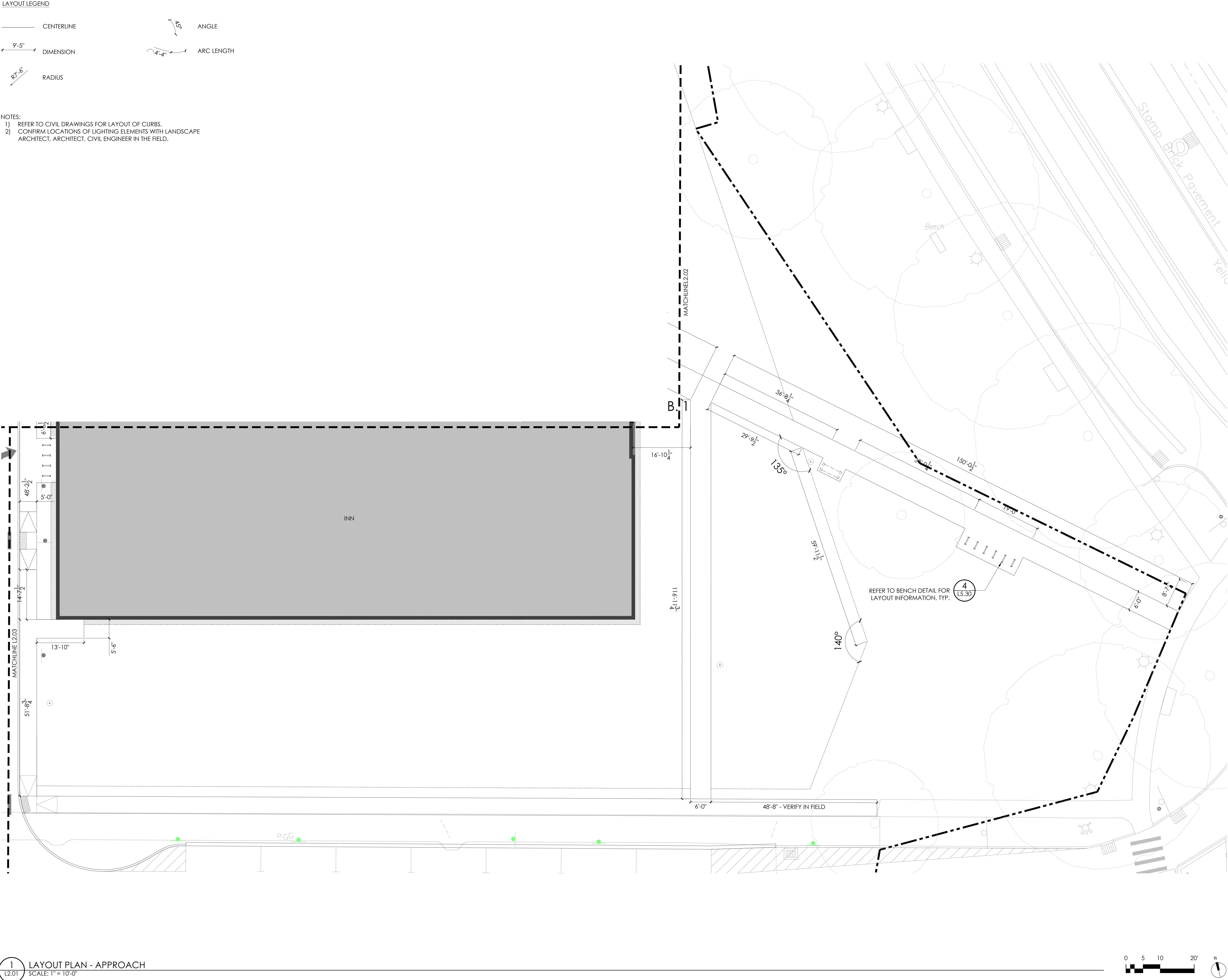
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MATERIALS PLAN - PARKING
SCALE: 1" = 10'-0"

L1.03

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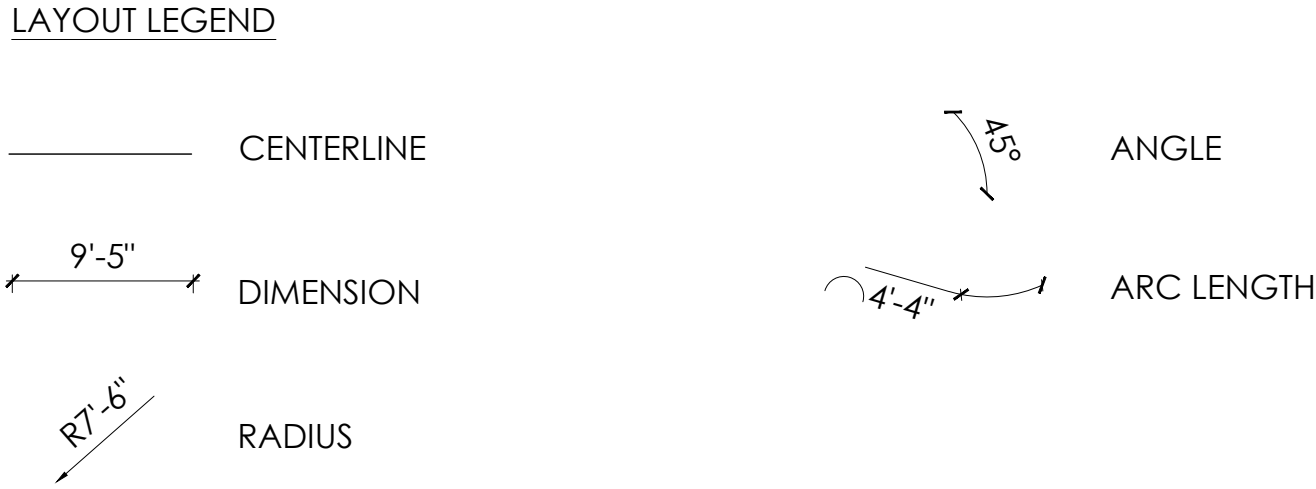
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LAYOUT PLAN - APPROACH

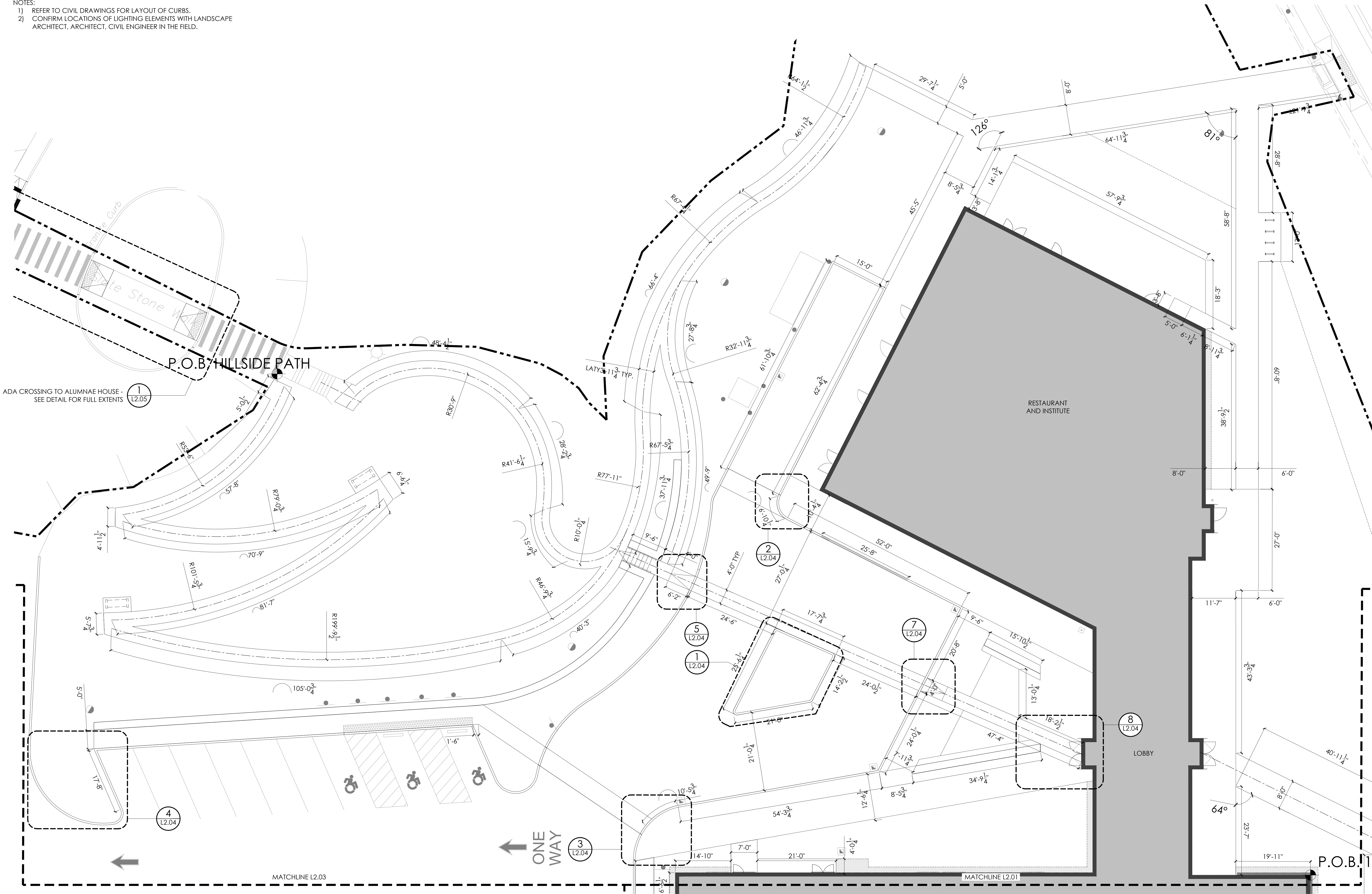
SCALE: 1" = 10'-0"

L2.01

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- NOTES:
- 1) REFER TO CIVIL DRAWINGS FOR LAYOUT OF CURBS.
 - 2) CONFIRM LOCATIONS OF LIGHTING ELEMENTS WITH LANDSCAPE ARCHITECT, ARCHITECT, CIVIL ENGINEER IN THE FIELD.



1 L2.02 LAYOUT PLAN - COURTYARD AND HILLSIDE
SCALE: 1" = 10'-0"

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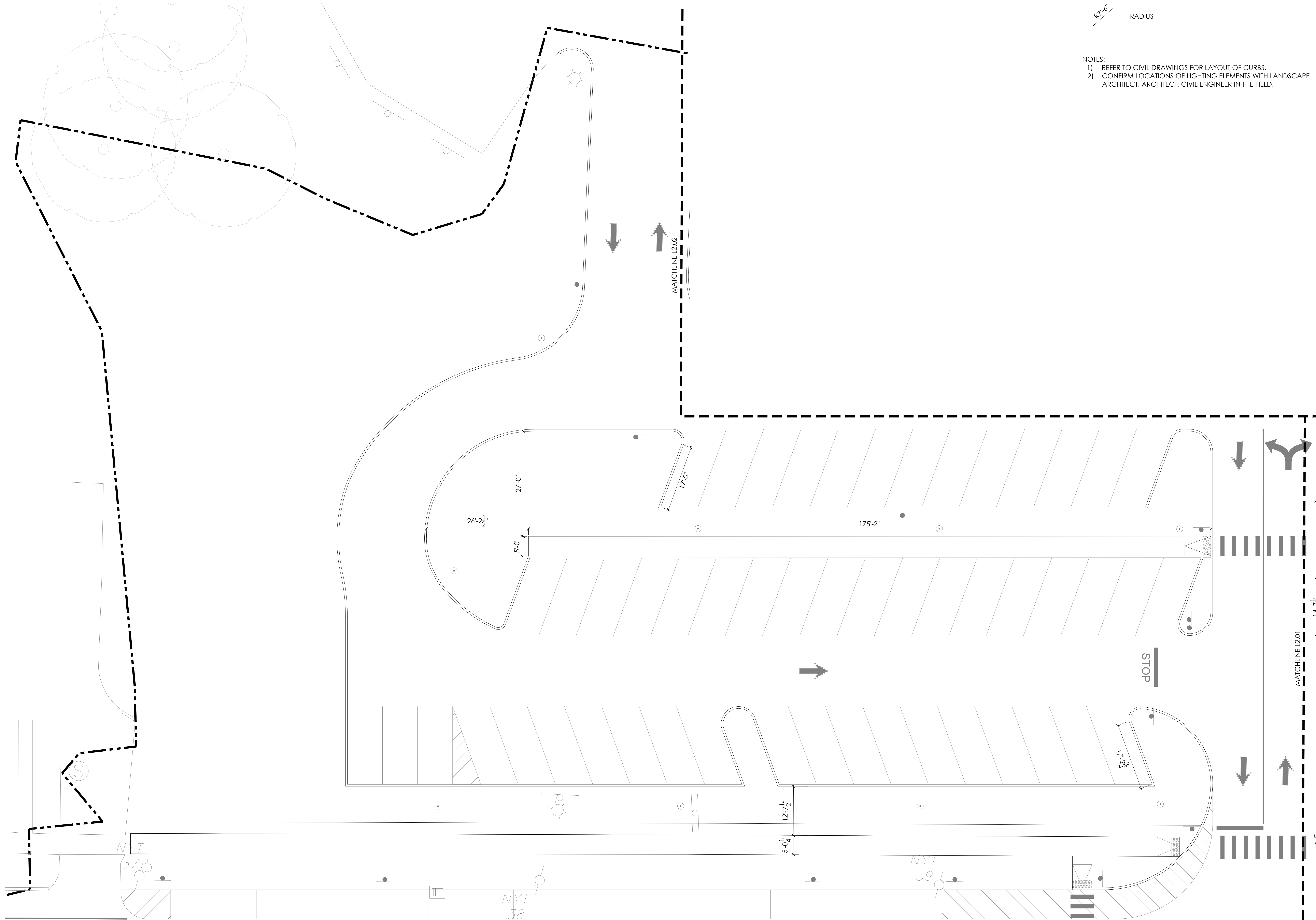
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LAYOUT PLAN - COURTYARD AND HILLSIDE
SCALE: 1" = 10'-0"

L2.02

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LAYOUT LEGEND

CENTERLINE

9'-5" DIMENSION

PT 6' RADIUS

ANGLE

ARC LENGTH

- NOTES:
- 1) REFER TO CIVIL DRAWINGS FOR LAYOUT OF CURBS.
 - 2) CONFIRM LOCATIONS OF LIGHTING ELEMENTS WITH LANDSCAPE ARCHITECT, ARCHITECT, CIVIL ENGINEER IN THE FIELD.

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07/09/21	BID SET

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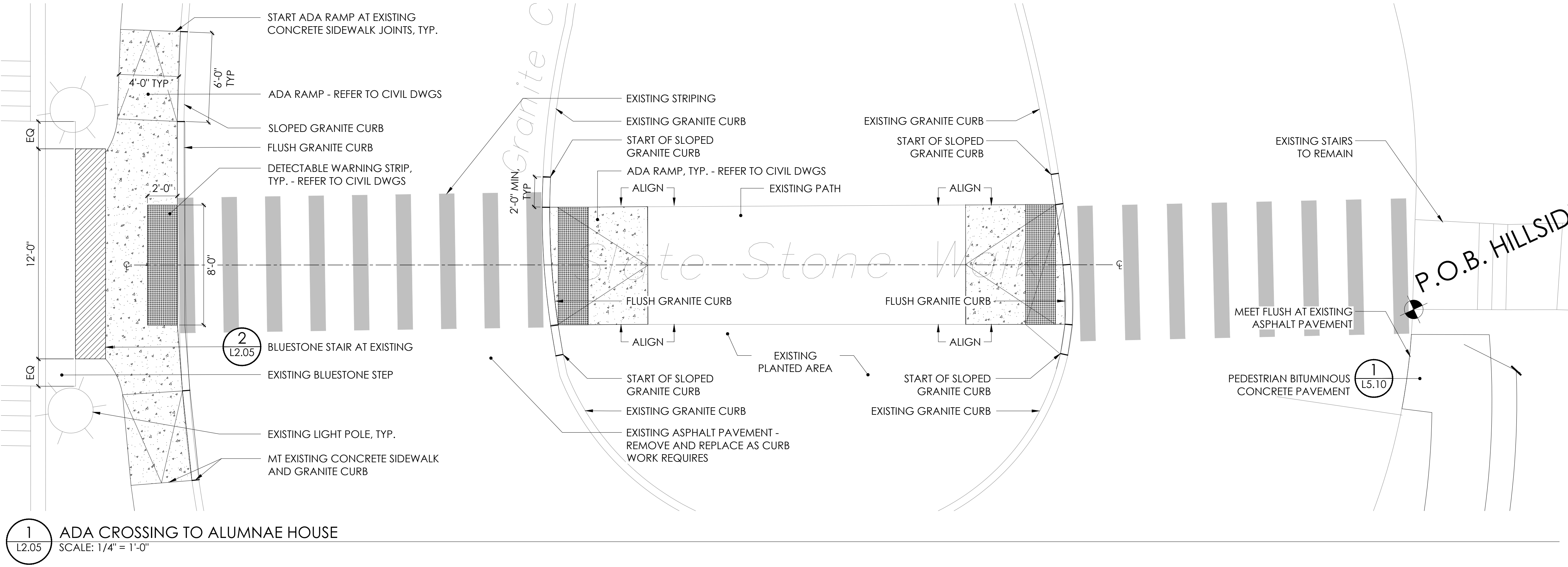
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LAYOUT
PLAN -
PARKING

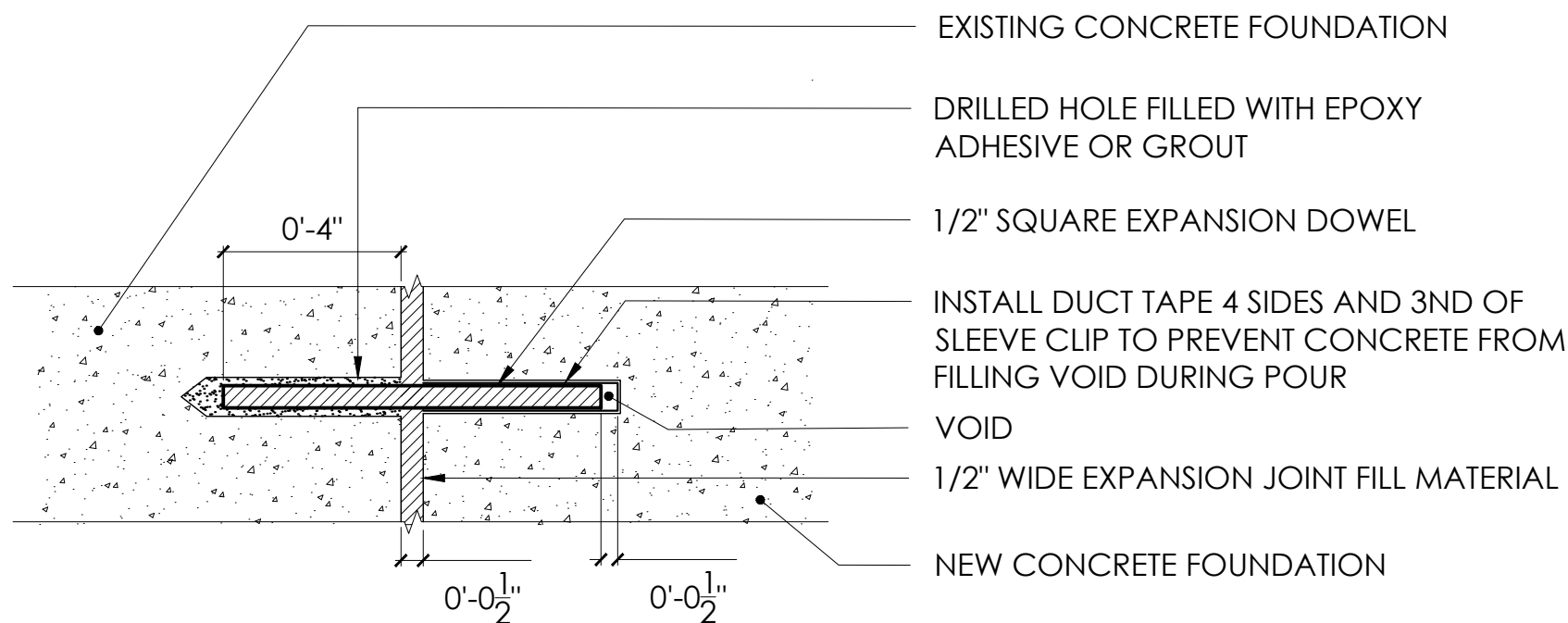
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L2.03

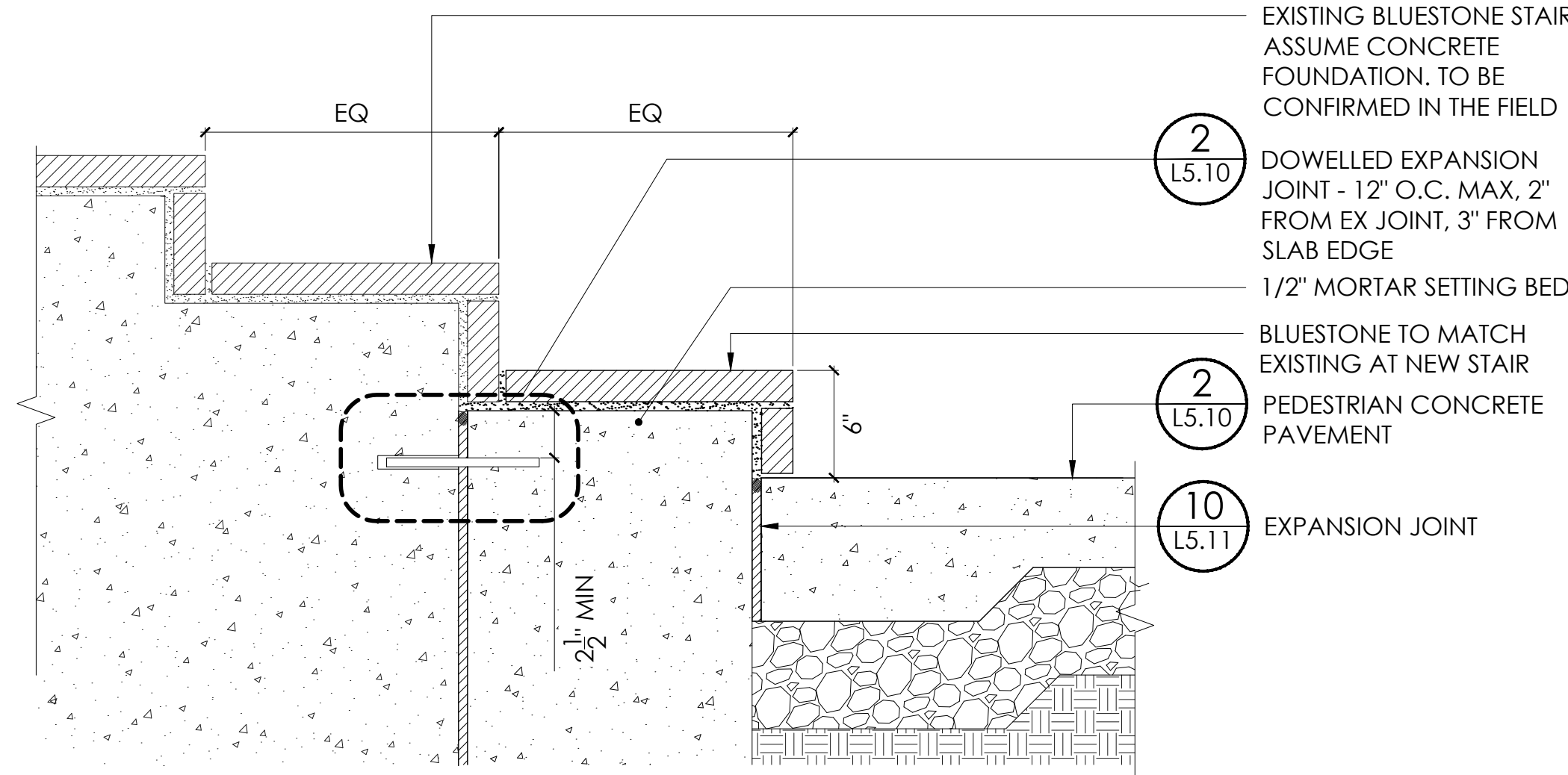
- NOTES:
- 1) SAW CUT EXISTING CONCRETE SIDEWALK AT JOINTS.
 - 2) CUT AND REFLAME EXISTING GRANITE CURB EDGES.
 - 3) MAINTAIN STRIPED CROSSINGS AT ASPHALT. REPAINT AS REQUIRED.



3 DOWELLED EXPANSION JOINT
SCALE: 3" = 1'-0"



2 BLUESTONE STAIR AT EXISTING
SCALE: 1 1/2" = 1'-0"



ISSUE DATES	
03/22/19	100% SCHEMATIC DESIGN
07/23/19	75% DESIGN DEVELOPMENT
08/30/19	100% DESIGN DEVELOPMENT
12/20/19	50% CONSTRUCTION DOCUMENTS
04/15/20	ISSUED FOR PERMIT
05/01/20	ISSUED FOR CONSTRUCTION
07/01/20	GMP SET
12/18/20	FINAL GMP SET
07/09/21	BID SET

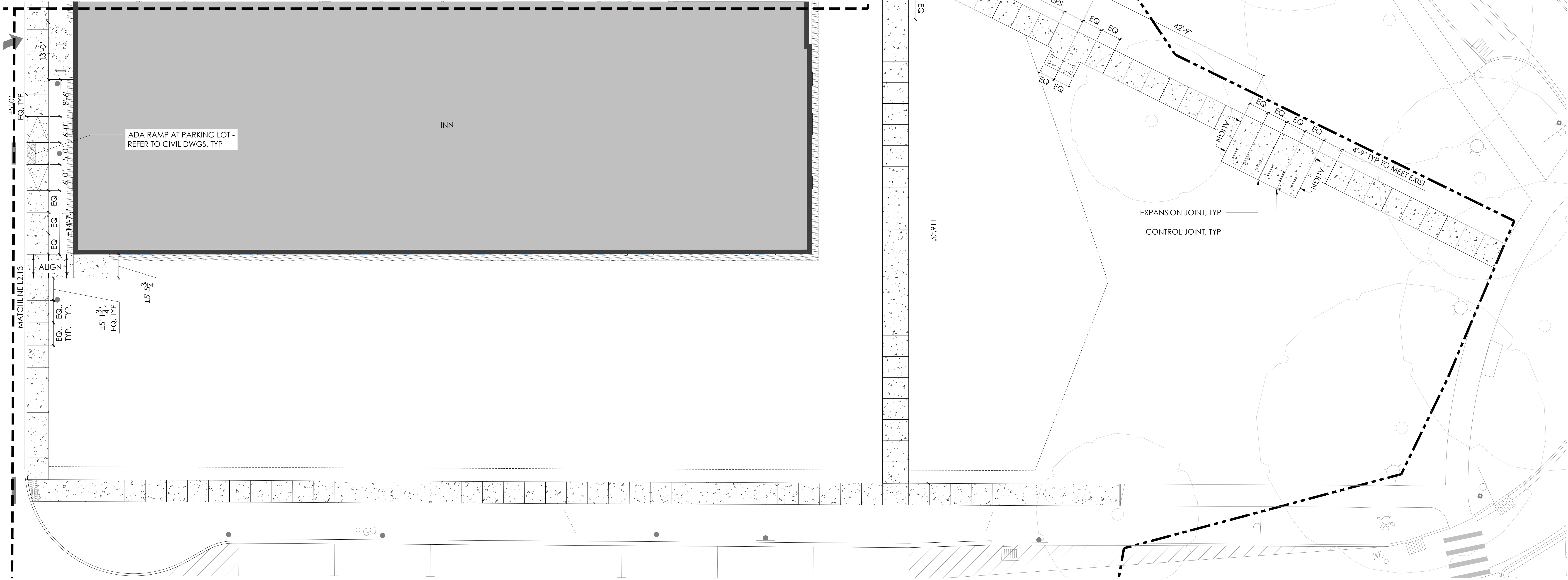
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PAVING AND JOINT LAYOUT LEGEND

- EXPANSION JOINT
- CONTROL JOINT
- CENTERLINE

- P.O.B. POINT OF BEGINNING
- 9'-5" DIMENSION
- 25° ANGLE

- NOTES:
- CENTER PATTERNS WITHIN PATH UNLESS OTHERWISE NOTED OR ALTERNATE CENTERLINE IS PROVIDED.
 - BEGIN PAVING PATTERNS WHERE SHOWN.



1 JOINT LAYOUT PLAN - APPROACH
L2.11 SCALE: 1" = 10'-0"



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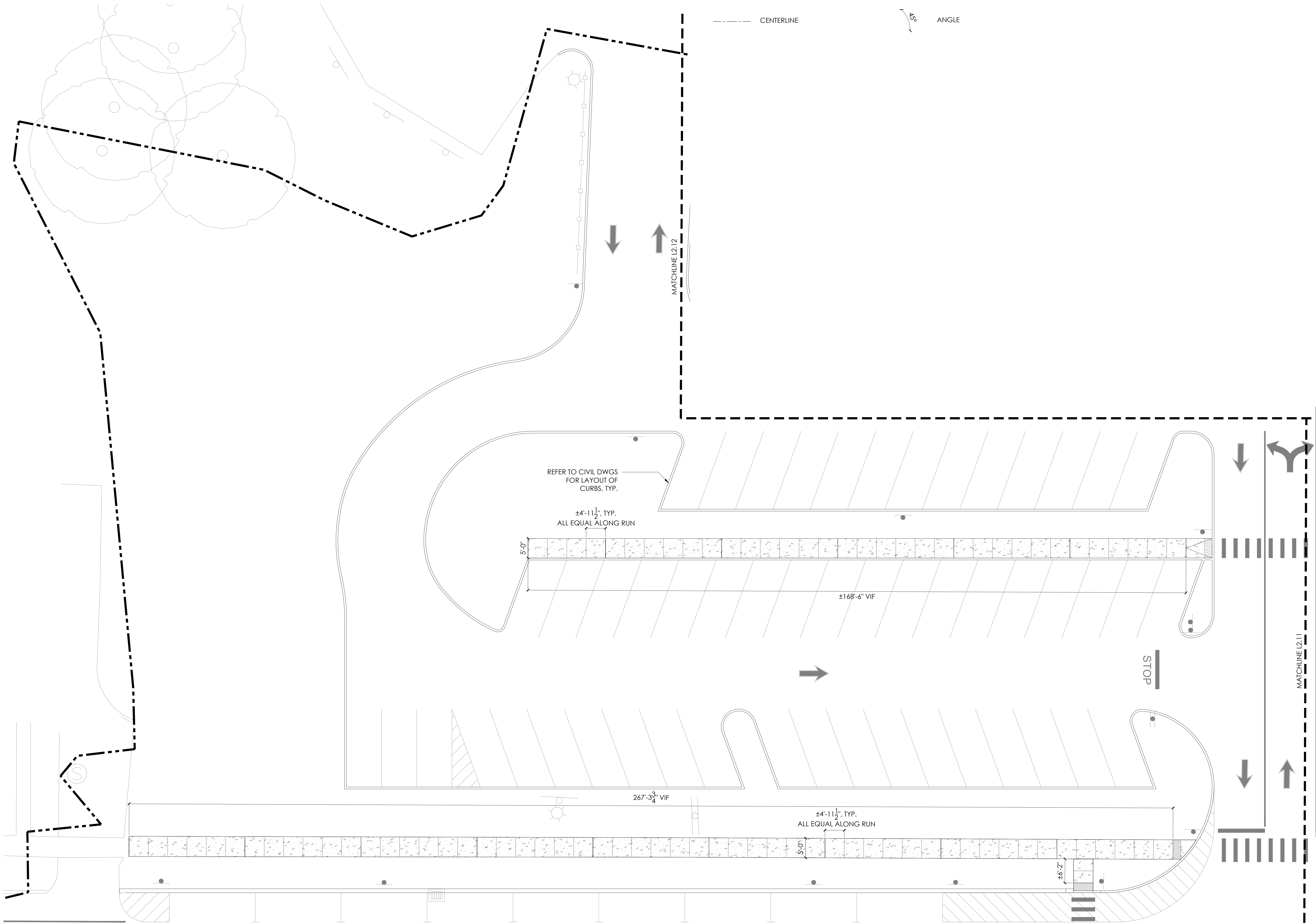
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JOINT LAYOUT PLAN - APPROACH
SCALE: 1" = 10'-0"

L2.11

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PAVING AND JOINT LAYOUT LEGEND

EXPANSION JOINT

CONTROL JOINT

CENTERLINE

P.O.B.

POINT OF BEGINNING

9'-5"

DIMENSION

ANGLE

NOTES:

- CENTER PATTERNS WITHIN PATH UNLESS OTHERWISE NOTED OR ALTERNATE CENTERLINE IS PROVIDED.
- BEGIN PAVING PATTERNS WHERE SHOWN.

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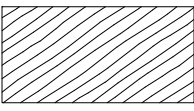
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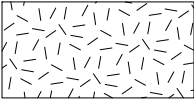
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SOILS LEGEND

- 

TYPICAL PLANTING SOIL
- 

LAWN PLANTING SOIL
- 

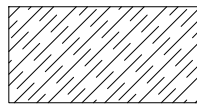
BIORETENTION SOIL

- 1

L6.10
- 3

L6.10
- 4

L6.10

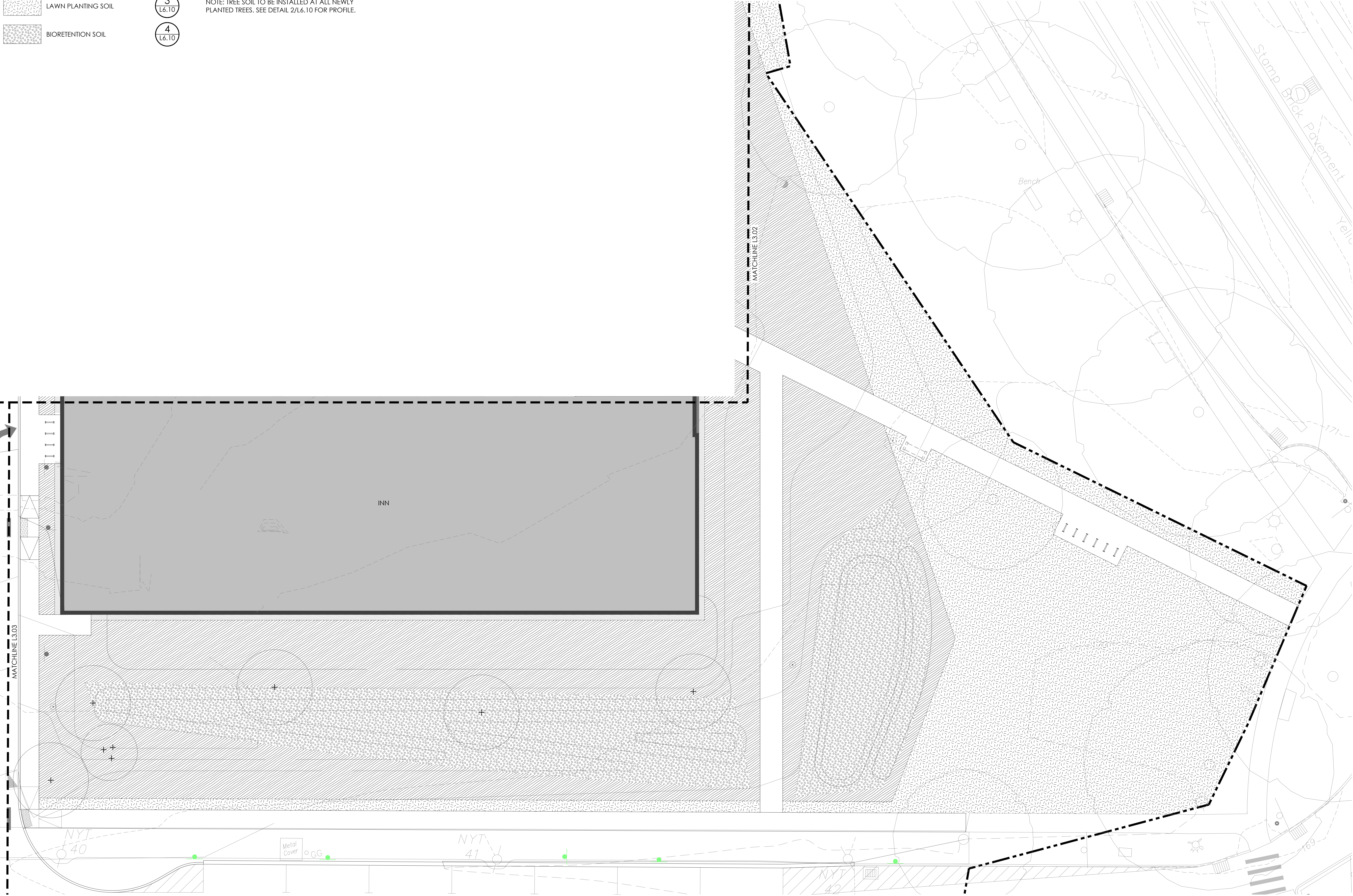
- 

MODIFIED EXISTING SOIL

NOTE: TREE SOIL TO BE INSTALLED AT ALL NEWLY PLANTED TREES. SEE DETAIL 2/L6.10 FOR PROFILE.

- 5

L6.10



CONTRACTOR

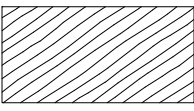
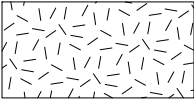
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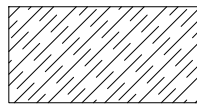
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SOILS LEGEND

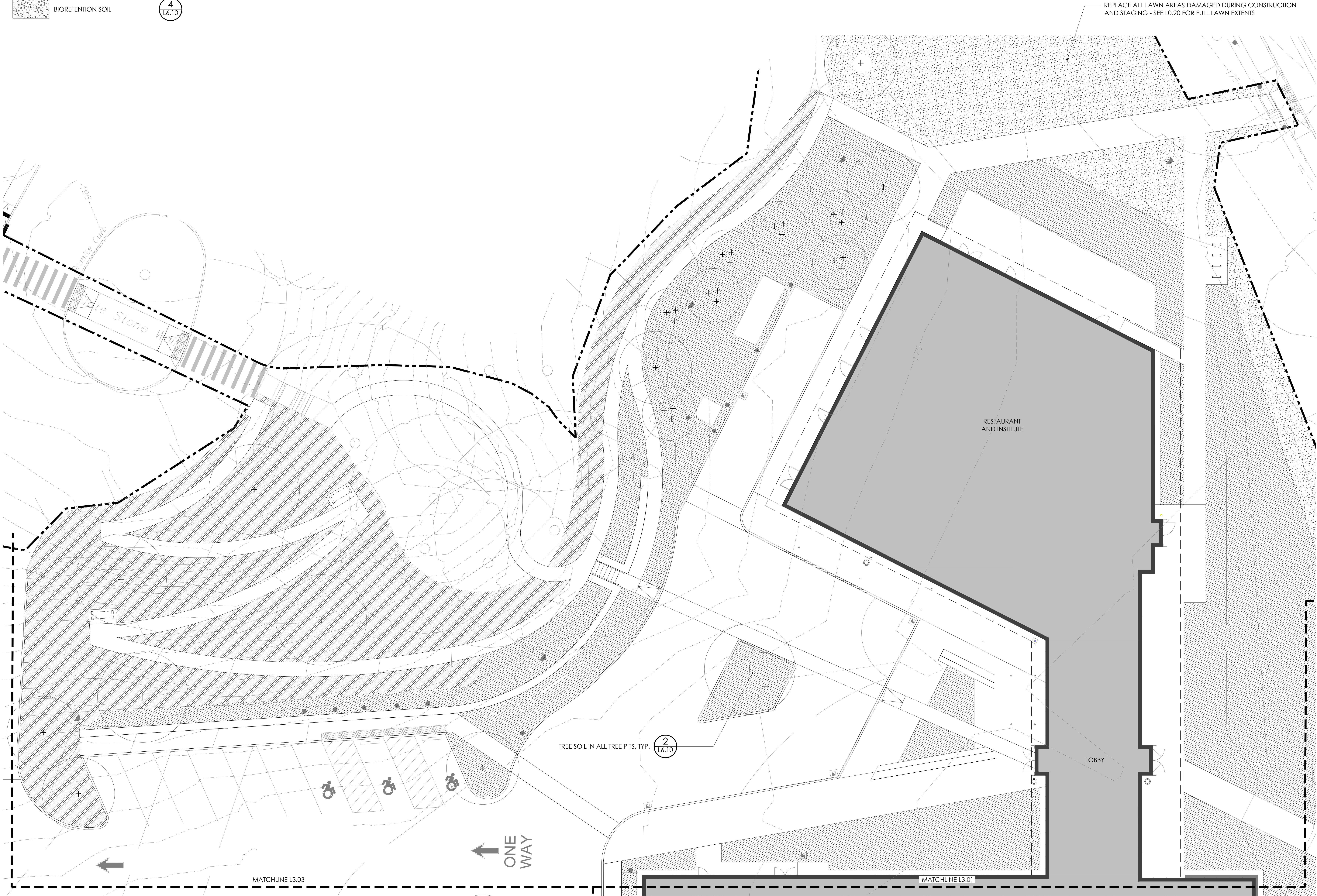
-  TYPICAL PLANTING SOIL
-  LAWN PLANTING SOIL
-  BIORETENTION SOIL

- 1
L6.10
- 3
L6.10
- 4
L6.10

-  MODIFIED EXISTING SOIL

NOTE: TREE SOIL TO BE INSTALLED AT ALL NEWLY PLANTED TREES. SEE DETAIL 2/L6.10 FOR PROFILE.

- 5
L6.10



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SOILS LEGEND

- TYPICAL PLANTING SOIL
- LAWN PLANTING SOIL
- BIORETENTION SOIL

- 1 L6.10
- 3 L6.10
- 4 L6.10

- MODIFIED EXISTING SOIL

NOTE: TREE SOIL TO BE INSTALLED AT ALL NEWLY PLANTED TREES. SEE DETAIL 2/L6.10 FOR PROFILE.

- 5 L6.10

1 L3.03 SOILS PLAN - PARKING
SCALE: 1" = 10'-0"

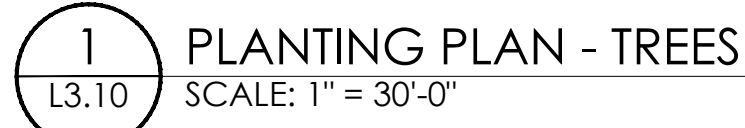


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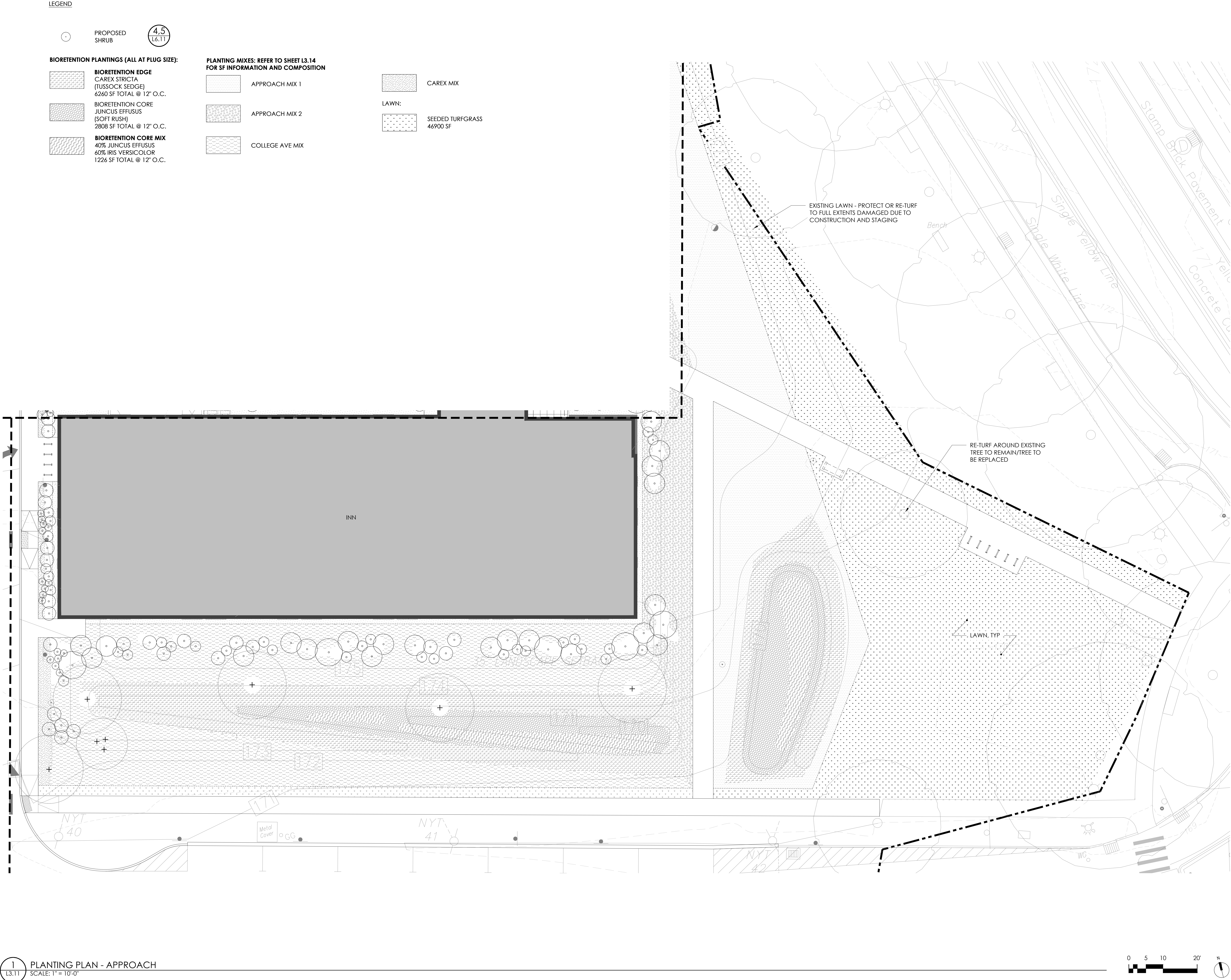
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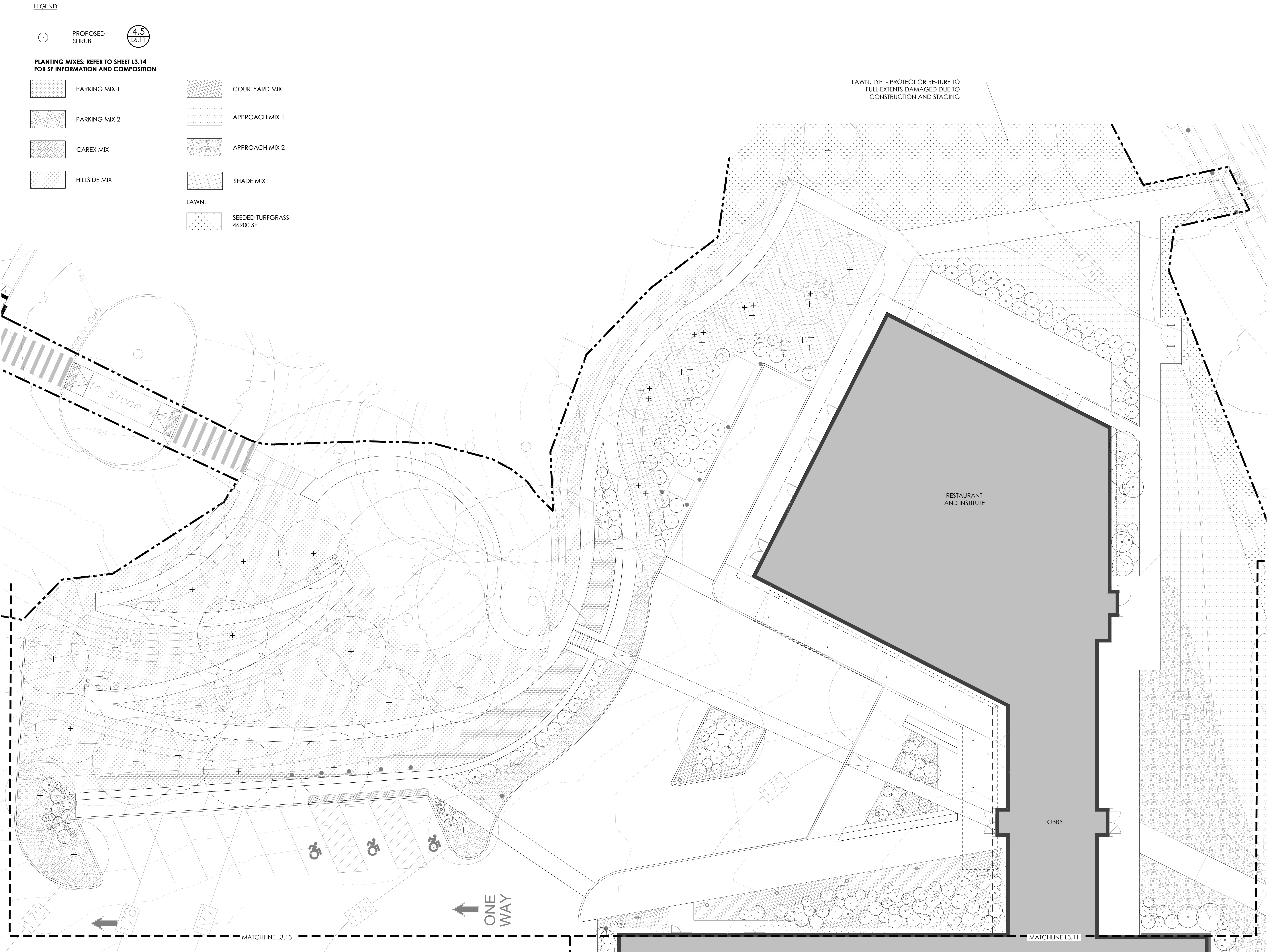
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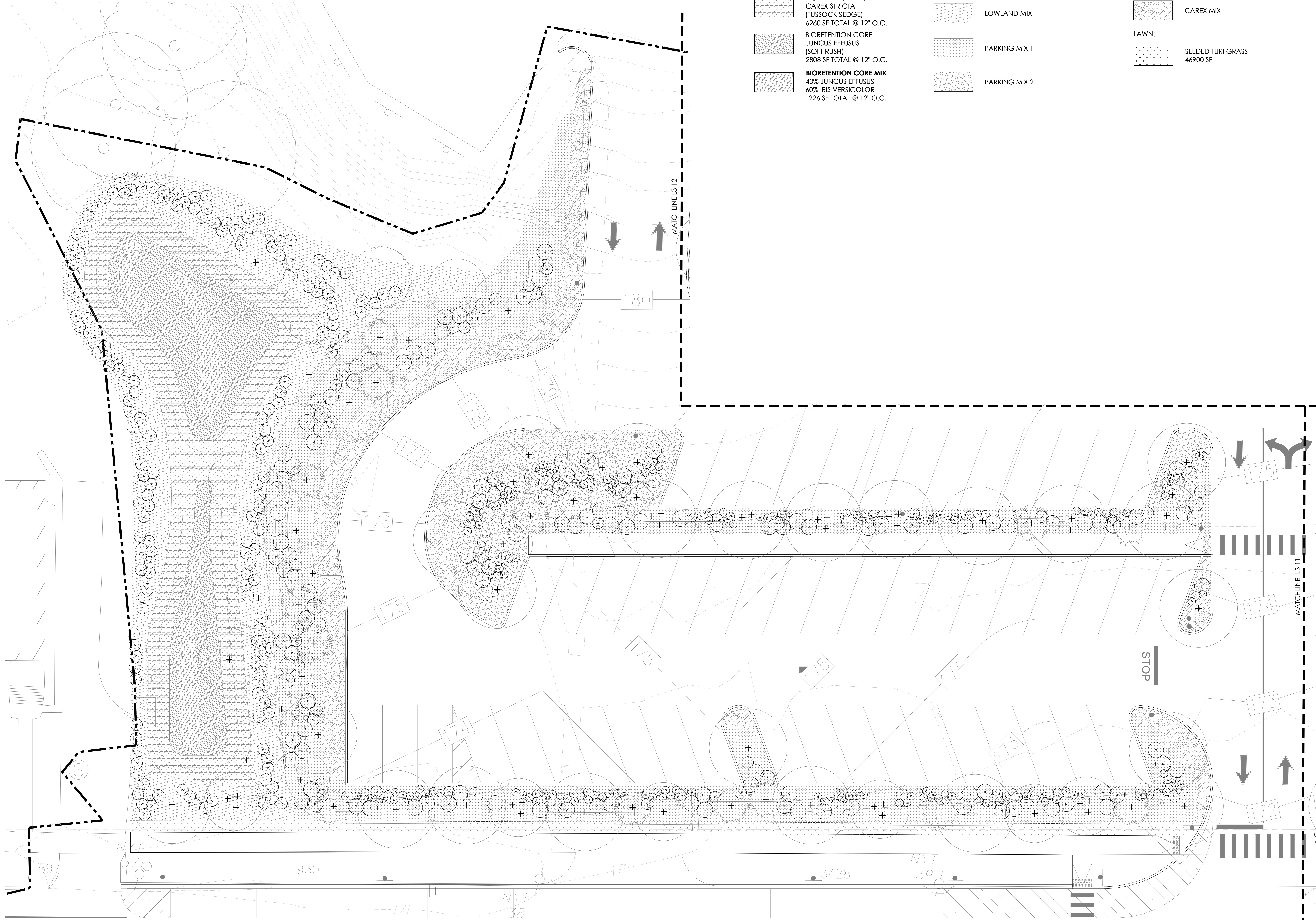
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LEGEND

- PROPOSED SHRUB
- BIORETENTION PLANTINGS (ALL AT PLUG SIZE):**
- BIORETENTION EDGE**
CAREX STRICTA (TUSSOCK SEDGE)
6260 SF TOTAL @ 12" O.C.
 - BIORETENTION CORE**
JUNCUS EFFUSUS (SOFT RUSH)
2808 SF TOTAL @ 12" O.C.
 - BIORETENTION CORE MIX**
40% JUNCUS EFFUSUS
60% IRIS VERSICOLOR
1226 SF TOTAL @ 12" O.C.

- PLANTING MIXES: REFER TO SHEET L3.14 FOR SF INFORMATION AND COMPOSITION**
- LOWLAND MIX
 - PARKING MIX 1
 - PARKING MIX 2

- CAREX MIX
- LAWN:
 - SEEDING TURFGRASS 46900 SF



PLANT SCHEDULE

TREES							
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING	COMMENTS
7	AGM	Amelanchier x grandiflora	Serviceberry	8-10' ht.	Multi-stem	as shown	-
12	AR	Acer rubrum 'Brandywine'	Red maple	3" cal	-	as shown	-
5	CC	Cercis canadensis	Redbud	8-10' ht	Multi-stem	as shown	-
7	CF	Cornus florida	Flowering dogwood	2" cal	-	as shown	-
1	GD	Gymnocladus dioicis 'Prairie Titan'	Kenucky coffeetree	6" cal	-	as shown	-
4	LS	Liquidambar styraciflua	Sweetgum	4.5" cal	-	as shown	-
7	PAM	Platanus x acerifolia 'Bloodgood'	London Plane	10-12' ht	Multi-stem	as shown	-
5	QB	Quercus bicolor	Swamp White Oak	2" cal	-	as shown	-
6	QB2	Quercus bicolor	Swamp White Oak	4" cal	-	as shown	-
4	QR	Quercus rubra	Red Oak	3" cal	-	as shown	-
7	TA	Tilia americana 'McKsentry'	American basswood	4" cal	-	as shown	-

SHRUBS (PER PLAN)							
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING	COMMENTS
13	CH	Clethra alnifolia 'Hummingbird'	Hummingbird summersweet	24-30" ht.	-	as shown	-
91	CP	Comptonia peregrina	Sweetfern	24-30" ht.	-	as shown	-
136	CR	Clethra alnifolia 'Ruby Spice'	Ruby Spice summersweet	24-30" ht.	-	as shown	-
81	FMA	Fothergilla Mt. Airy	Mt. Airy Witchalder	24-30" ht.	-	as shown	-
12	HI	Hamamelis x intermedia 'Arnold Promise'	Hybrid witch hazel	5-6' ht.	-	as shown	-
13	HQ	Hydrangea quercifolia 'Sikes Dwarf'	Dwarf Oakleaf hydrangea	24-30" ht.	-	as shown	-
168	IC	Ilex crenata 'Green Lustre'	Japanese holly	24-30" ht.	Natural	as shown	-
157	IG	Ilex glabra 'Shamrock'	Inkberry	24-30" ht.	-	as shown	-
77	IVC	Ilex verticillata 'Shortcake'	Winterberry	24-30" ht.	-	as shown	-
3	IVJ	Ilex verticillata 'Jim Dandy'	Winterberry	36-42" ht.	-	as shown	-
27	IVS	Ilex verticillata 'Shaver'	Winterberry	36-42" ht.	-	as shown	-
11	LF	Leucothoe fontanesiana	Doghobble	24-30" ht.	-	as shown	-
81	LG	Lindera angustifolia var. glabra	Willowleaf spicebush	30-36" ht.	-	as shown	-
13	PSN	Pinus strobus 'Nana'	Dwarf eastern white pine	24-30" ht.	Natural	as shown	-
16	RP	Rhododendron periclymenoides	Pinxterbloom azalea	24-30" ht.	-	as shown	-

SHRUBS THAT FORM PERCENTAGE OF MIXES					
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
796	AM	Aronia melanocarpa 'Low Scape Mound'	Ground Hog chokeberry	12-18" ht	
305	Ds	Diervilla sessilifolia 'Butterfly'	Southern bush honeysuckle	18-24" ht	
262	FG	Fothergilla gardenii	Dwarf fothergilla	12-18" ht	
864	RG	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	12-18" ht	

PERENNIALS, GRASSES AND FERNS					
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
557	Ai	Amsonia illustris	Shining Blue Star	1 gal	
116	Ac	Anemone canadensis	Canada anemone	LP	
209	Ar	Aruncus 'Misty Lace'	Misty Lace Goatsbeard	1 gal	
574	C1	Carex amphibola	Creek sedge	LP	
2264	C2	Carex rosea	Rosy sedge	LP	
7229	C3	Carex stricta	Tussock sedge	LP	
426	Cg	Chleone glabra	Turtlehead	LP	
303	DE	Dryopteris erythrosora	Autumn fern	1 gal	
314	DM	Dryopteris marginalis	Eastern wood fern	1 gal	
1405	Dp	Dennstaedtia punctilobula	Hayscented fern	LP	
932	Em	Eurybia macrophylla 'Twilight'	Big leaf aster	LP	
279	Ga	Gentiana andrewsii	Bottle gentian	1 gal	
121	Hn	Helleborus niger	Christmas rose	1 gal	
390	Hv	Heuchera villosa	Hairy alumroot	1 gal	
1945	Iv	Iris versicolor	Blue Flag Iris	LP	
4539	Je	Juncus effusus	Soft Rush	LP	
334	Ls	Lobelia siphilitica	Great blue lobelia	LP	
1298	Mc	Meehania cordata	Meehan's mint	LP	
98	Os	Osmundastrum cinnamomeum	Cinnamon fern	1 gal	
518	Pa	Packera aurea	Packera	LP	
2972	Pd	Penstemon digitalis	Foxglove beardtongue	LP	
2445	Po	Polystichum acrostichoides	Christmas fern	1 gal	
651	Pt	Porteranthus trifoliatu	Bowman's root	1 gal	
484	Rs	Rudbeckia subtomentosa	Sweet coneflower	LP	
4711	Sa	Sesleria autumnalis	Autumn Moor Grass	LP	
938	St	Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed	1 gal	
205	Sc	Symphotrichum cordifolium 'Avondale'	Avondale blue wood aster	LP	
522	Sl	Symphotrichum laeve 'Bluebird'	Smooth aster	LP	

NOTES:

Plants specified as "LP" shall be supplied as Landscape Plugs in flats with a minimum cell depth of 4", cell width of 2" and a minimum cell volume of 10in3

ADD ALTERNATE 1

TREES							
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING	COMMENTS
5	CF2	Cornus florida	Flowering dogwood	2' cal	-	as shown	-
8	QR2	Quercus rubra	Red oak	2' cal	-	as shown	-

ADD ALTERNATE 2

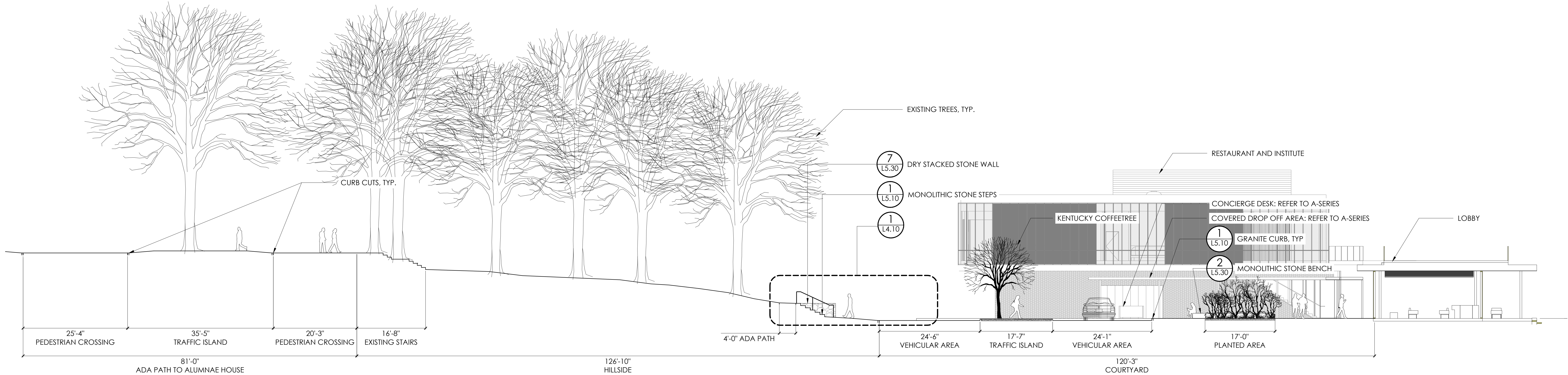
TREES							
QTY	SYM	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	SPACING	COMMENTS
1	QM	Quercus macrocarpa	Bur Oak	4.5" cal	-	as shown	-

MIXES COMPOSITION
(ALL PLANTS ACCOUNTED FOR IN SCHEDULE AT LEFT)

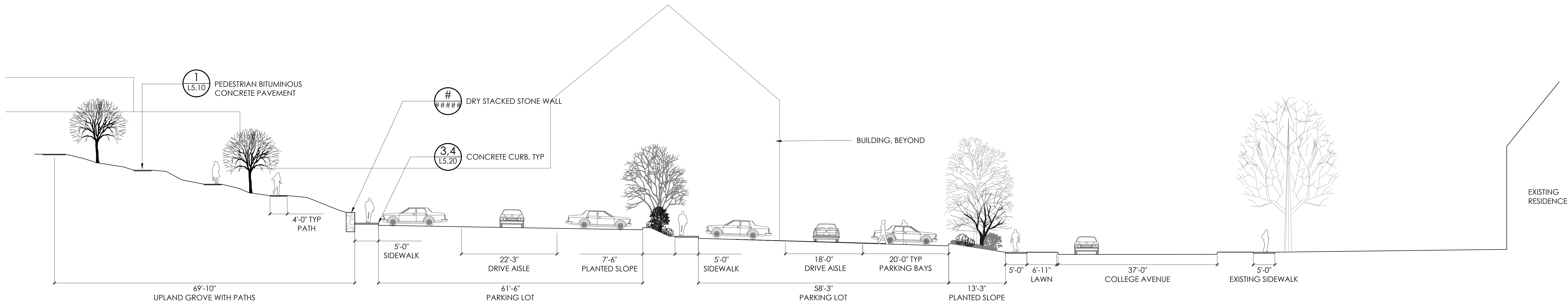
LOWLAND MIX							3770 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
	28%		Shrubs (per plan)		varies	as shown	
426	22%	Cg	Chelone glabra	Turtlehead	LP	18	
1088	25%	Pd	Penstemon digitalis	Foxglove beardtongue	LP	12	
484	25%	Rs	Rudbeckia subtomentosa	Sweet coneflower	LP	18	
BIORETENTION EDGE							6260 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
7229	100%	C3	Carex stricta	Tussock sedge	LP	12	
BIORETENTION CORE							2808 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
3242	100%	Je	Juncus effusus	Soft Rush	LP	12	
BIORETENTION CORE MIX							1226 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
1945	60%	Iv	Iris versicolor	Blue Flag Iris	LP	12	
1297	40%	Je	Juncus effusus	Soft Rush	LP	12	
PARKING MIX 1							5768 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
	22%		Shrubs (per plan)		varies	as shown	
932	14%	Em	Eurybia macrophylla 'Twilight'	Big leaf aster	LP	12	
512	12%	Pt	Porteranthus trifoliatus	Bowman's root	1 gal	15	
533	8%	Sa	Sesleria autumnalis	Autumn moor grass	LP	12	
938	22%	St	Sporobolus heterolepis 'Tara'	Dwarf Prairie Dropseed	1 gal	15	
1465	22%	Pd	Penstemon digitalis	Foxglove beardtongue	LP	12	
PARKING MIX 2							1882 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
	29%		Shrubs (per plan)		varies	as shown	
456	21%	C2	Carex rosea	Rosy sedge	LP	12	
391	18%	Et	Eurybia macrophylla 'Twilight'	Bigleaf aster 'Twilight'	LP	12	
139	10%	Hv	Heuchera villosa	Hairy alumroot	1 gal	15	
261	12%	Mc	Meehania cordata	Meehan's mint	LP	12	
139	10%	Pt	Porteranthus trifoliatus	Bowman's root	1 gal	15	
CAREX MIX							3060 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
1413	40%	C2	Carex rosea	Rosy sedge	LP	12	
314	20%	Dm	Dryopteris marginalis	Eastern wood fern	1 gal	18	
251	16%	Hv	Heuchera villosa	Hairy alumroot	1 gal	18	
848	24%	Mc	Meehania cordata	Meehan's mint	LP	12	

HILLSIDE MIX							6843 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
760	60%	RG	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	12-18" ht	30	
1405	40%	Dp	Dennstaedtia punctilobula	Hayscented fern	LP	18	
COURTYARD MIX							1367 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
395	25%	C2	Carex rosea	Curly wood sedge	LP	12	
303	30%	De	Dryopteris erythrosora	Autumn fern	1 gal	15	
121	12%	Hn	Helleborus niger	Christmas rose	1 gal	15	
189	12%	Mc	Meehania cordata	Meehan's mint	LP	12	
126	8%	Pa	Packera aurea	Packera	LP	12	
205	13%	Sc	Symphotrichum cordifolium 'Avondale'	Avondale blue wood aster	LP	12	
APPROACH MIX 1							5169 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
796	30%	AM	Aronia melanocarpa 'Low Scape Mound'	Ground Hog chokeberry	12-18" ht	18	
4178	70%	Sa	Sesleria autumnalis	Autumn Moor Grass	LP	12	
APPROACH MIX 2							3025 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
262	30%	FG	Fothergilla gardenii	Dwarf fothergilla	12-18" ht	24	
2445	70%	Po	Polystichum acrostichoides	Christmas Fern	LP	12	
COLLEGE AVE MIX							4836 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
305	28%	Ds	Diervilla sessilifolia 'Butterfly'	Southern bush honeysuckle	18-24" ht	24	
105	15%	RG	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	12-18" ht	30	
557	20%	Ai	Amsonia illustris	Shining bluestar	1 gal	15	
279	10%	Ga	Gentiana andrewsii	Bottle gentian	1 gal	15	
418	15%	Pd	Penstemon digitalis	Foxglove beardtongue	1 gal	15	
522	12%	Sl	Symphotrichum laeve 'Bluebird'	Smooth aster	LP	12	
SHADE MIX							2261 total sf
QTY	% MIX	SYM	BOTANICAL NAME	COMMON NAME	SIZE	SPACING (in)	
574	22%	C1	Carex amphibola	Creek sedge	LP	12	
392	15%	Pa	Packera aurea	Packera	LP	12	
116	10%	Ac	Anemone canadensis	Canada anemone	LP	18	
209	18%	Ar	Aruncus 'Misty Lace'	Misty Lace Goatsbeard	1 gal	18	
98	15%	Os	Osmundastrum cinnamomeum	Cinnamon fern	LP	24	
334	20%	Ls	Lobelia siphilitica	Great blue lobelia	LP	15	
NOTES:							SF totals represent hatched areas on plans

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3 SITE SECTION - HILLSIDE TO COURTYARD
SCALE: 1" = 10'-0"

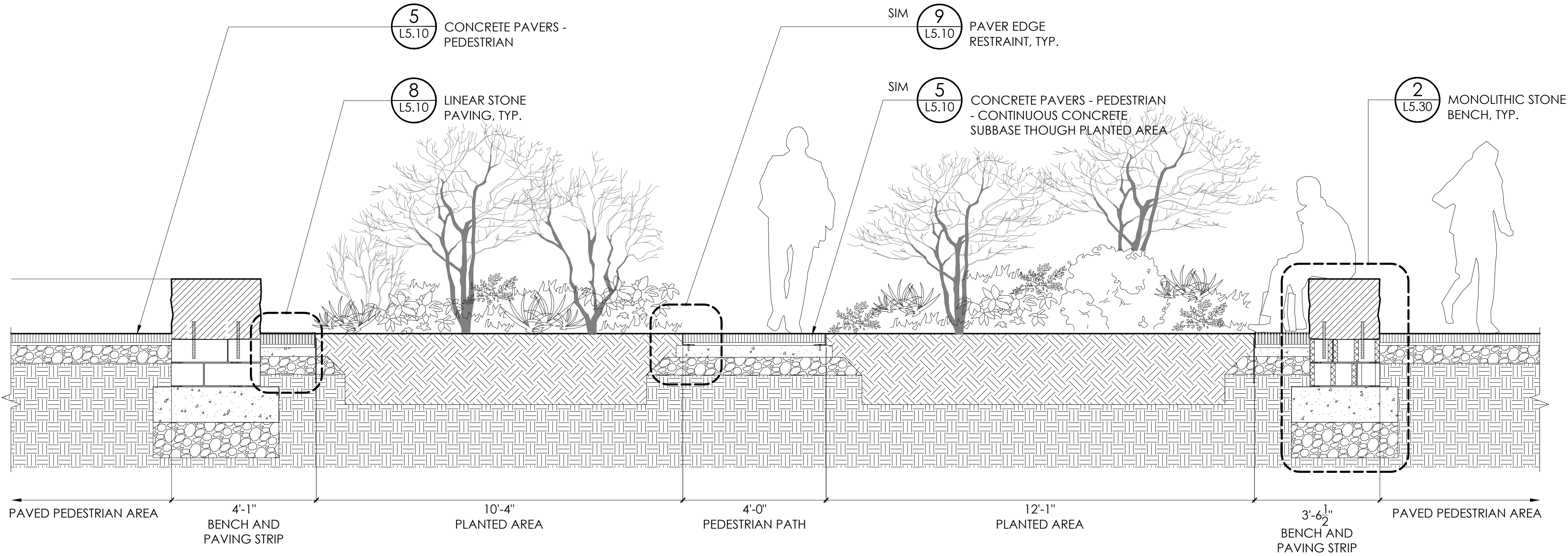


2 SITE SECTION - HILLSIDE
SCALE: 1" = 10'-0"

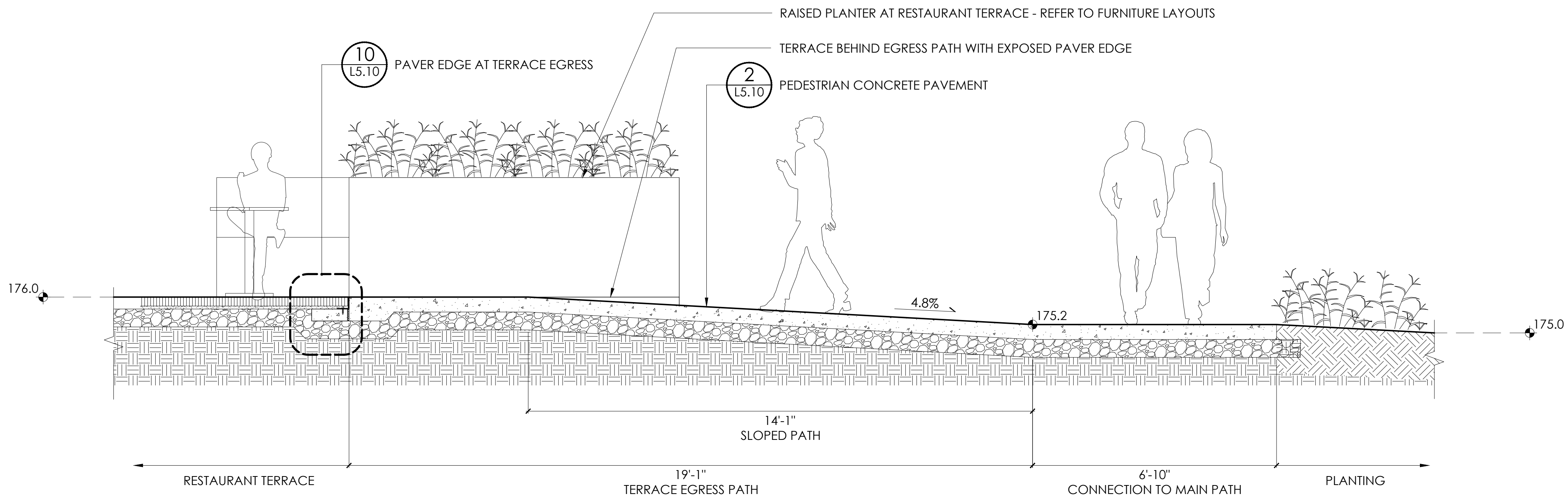


1 SITE SECTION - PARKING
SCALE: 1" = 10'-0"

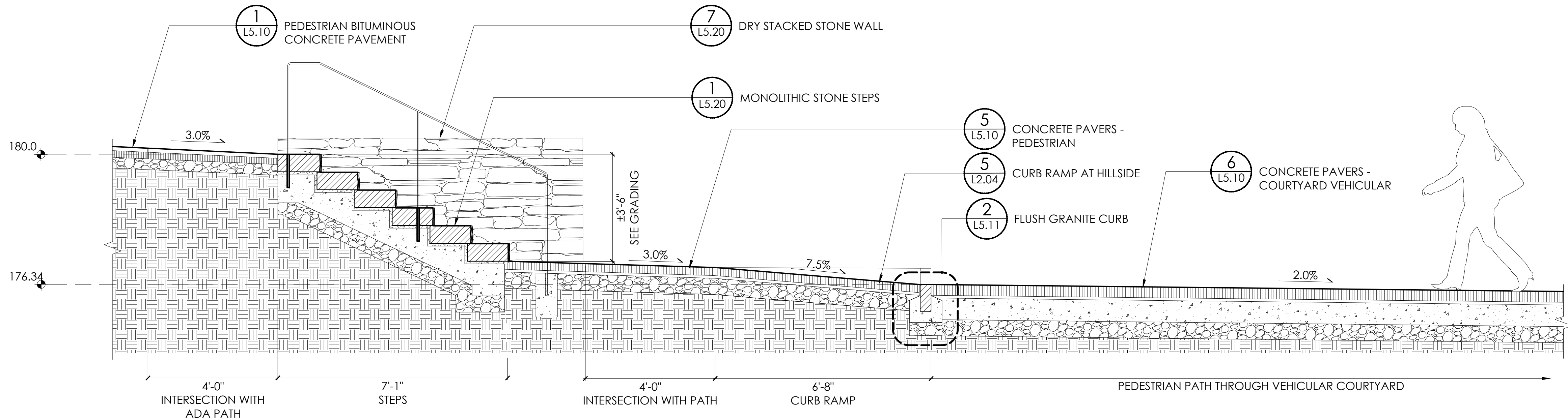
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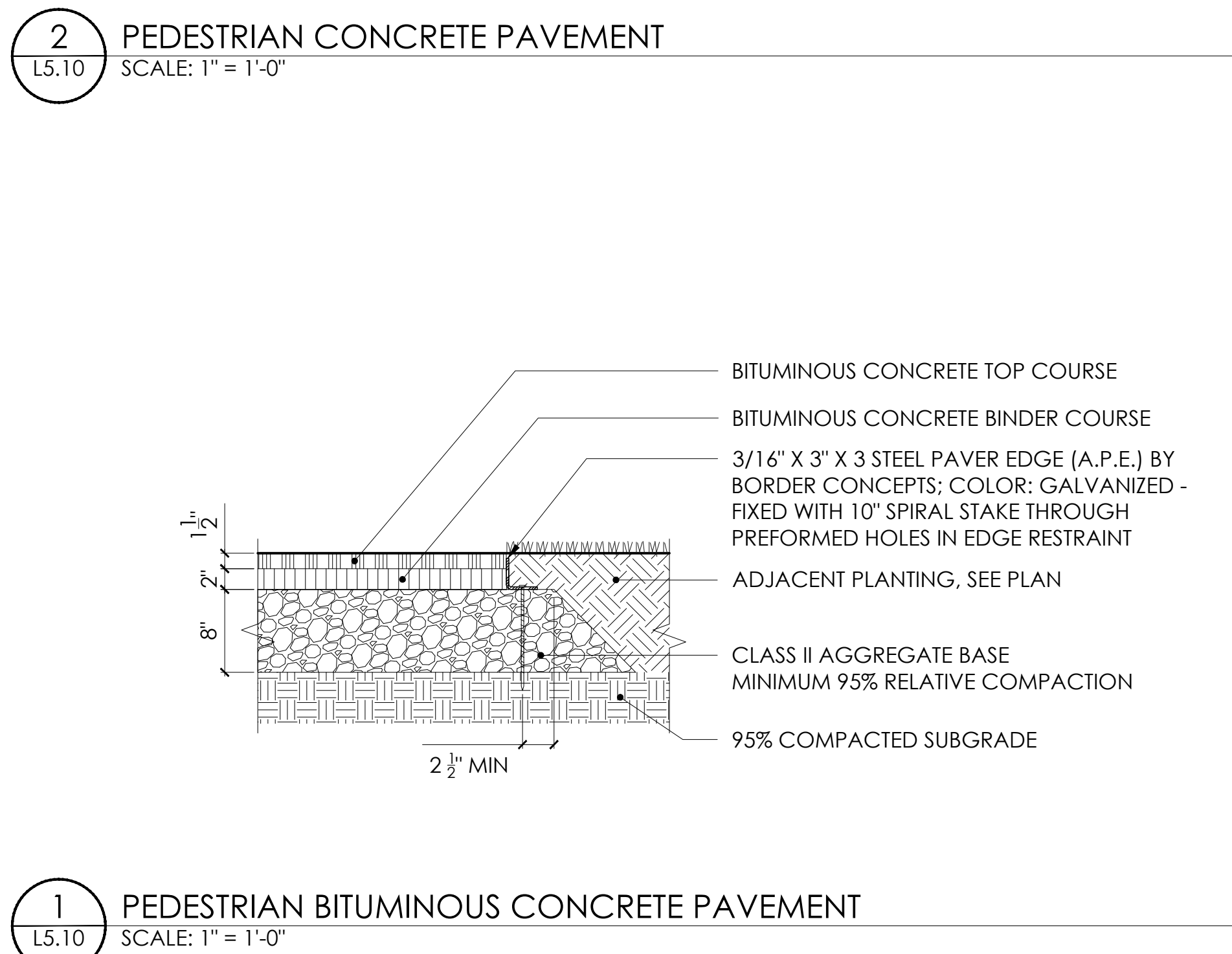
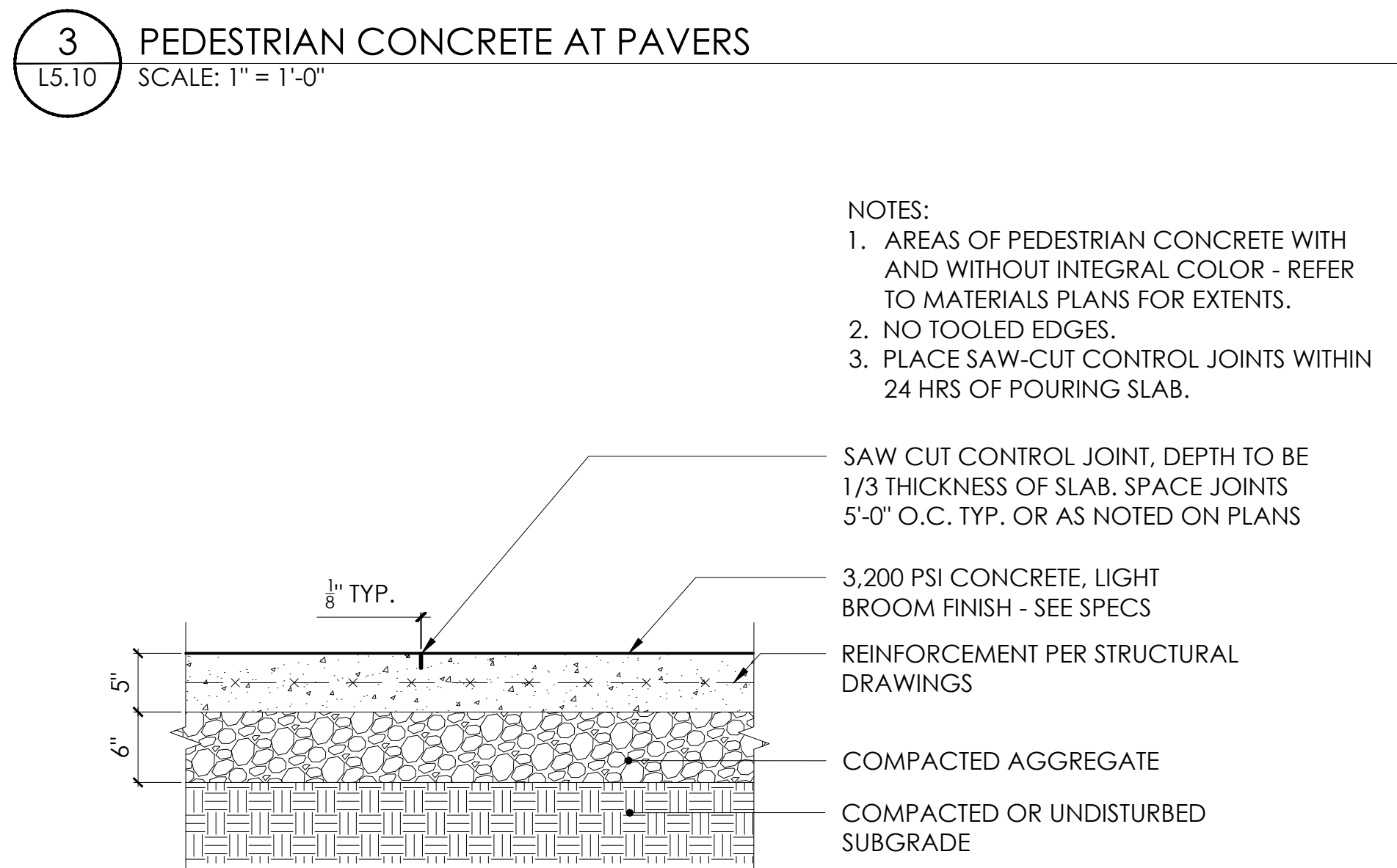
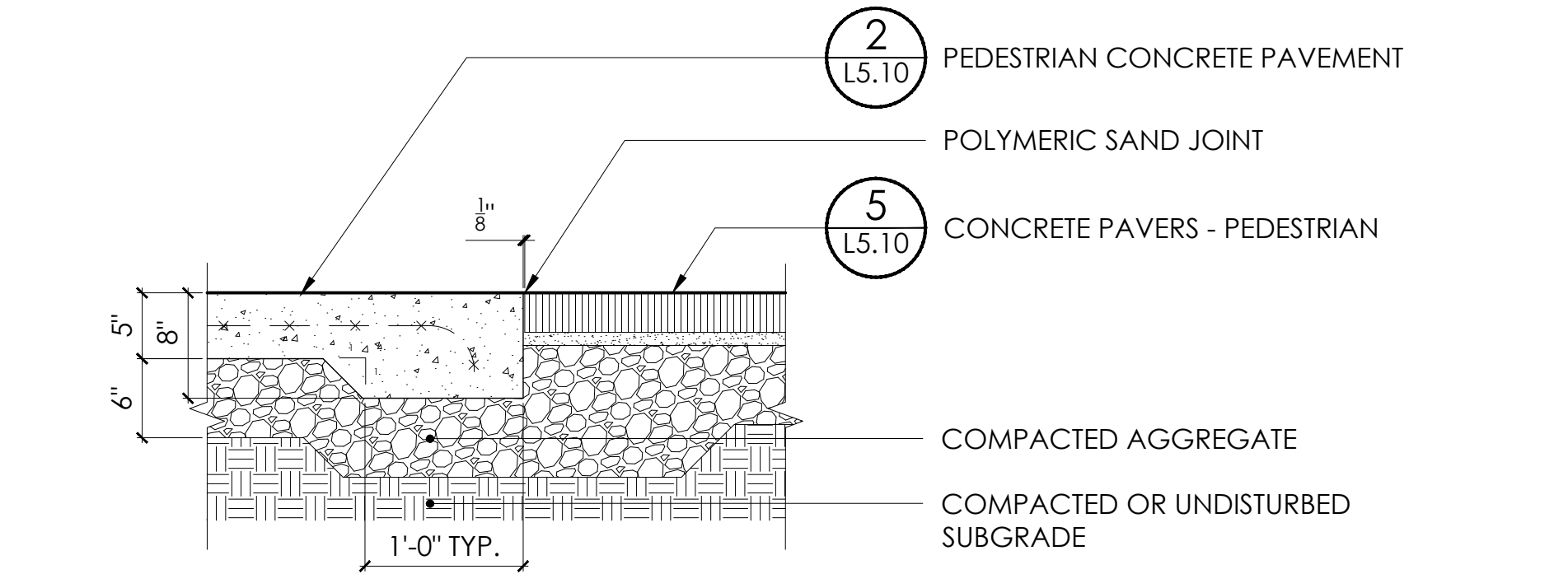
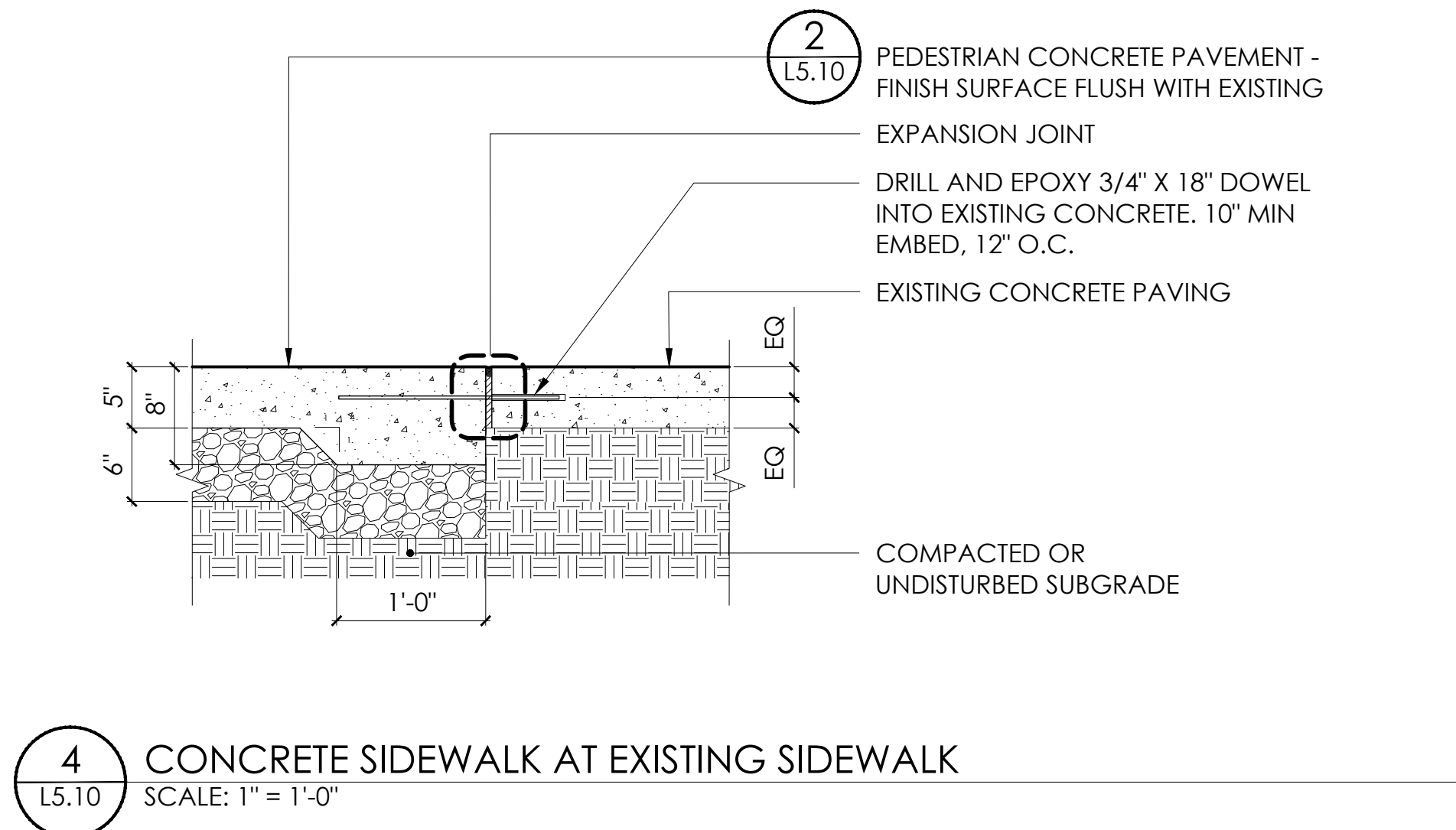
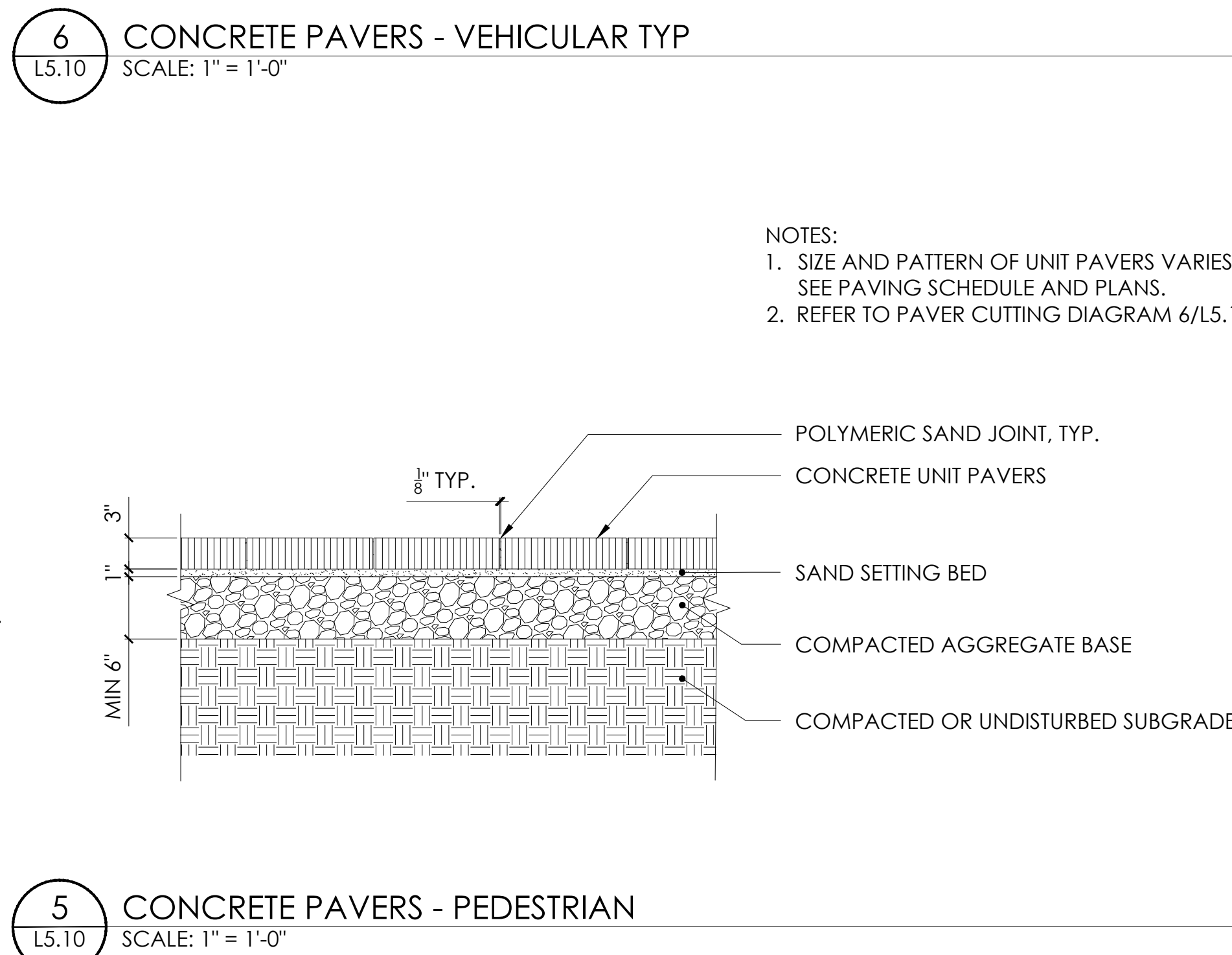
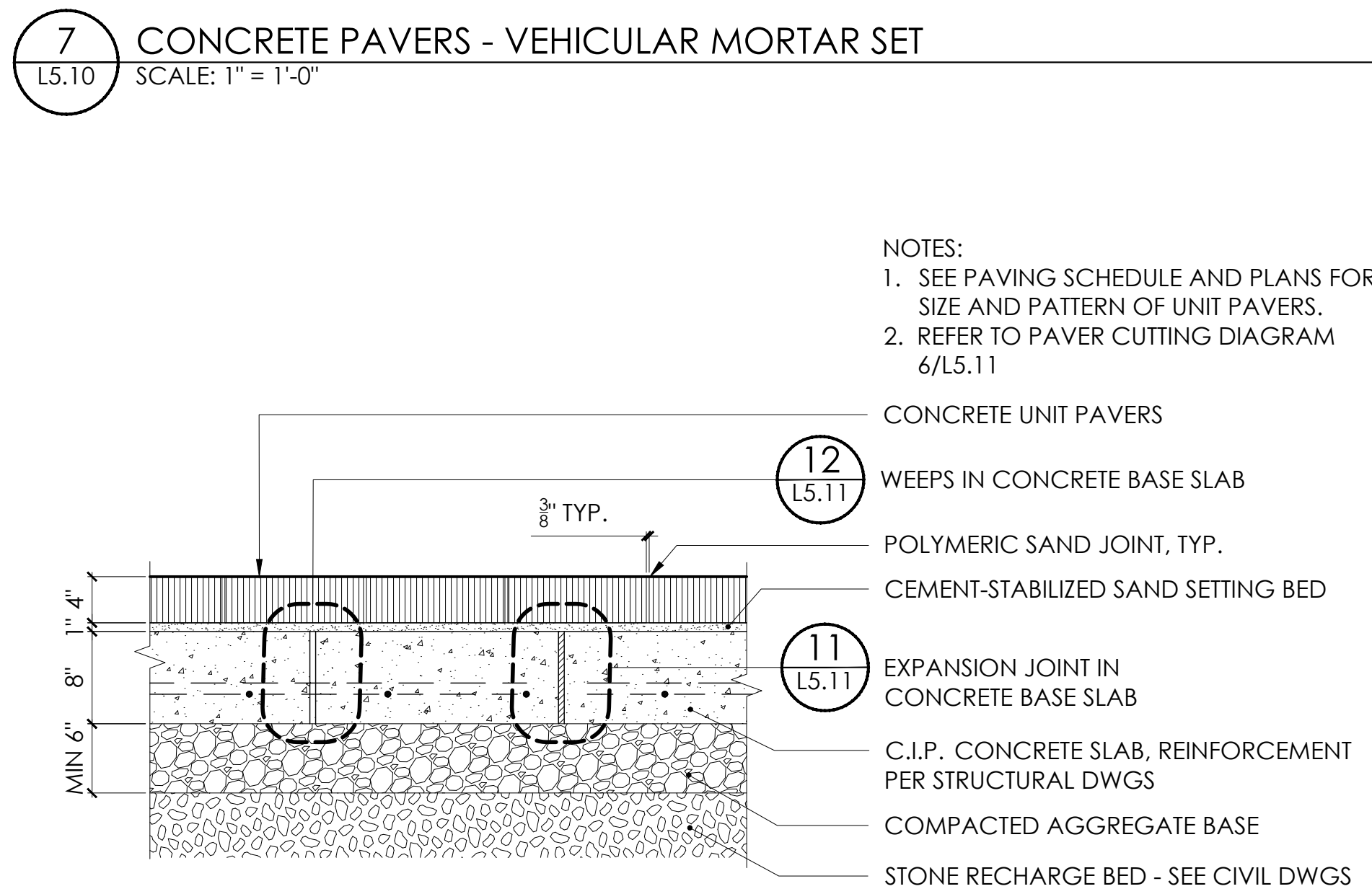
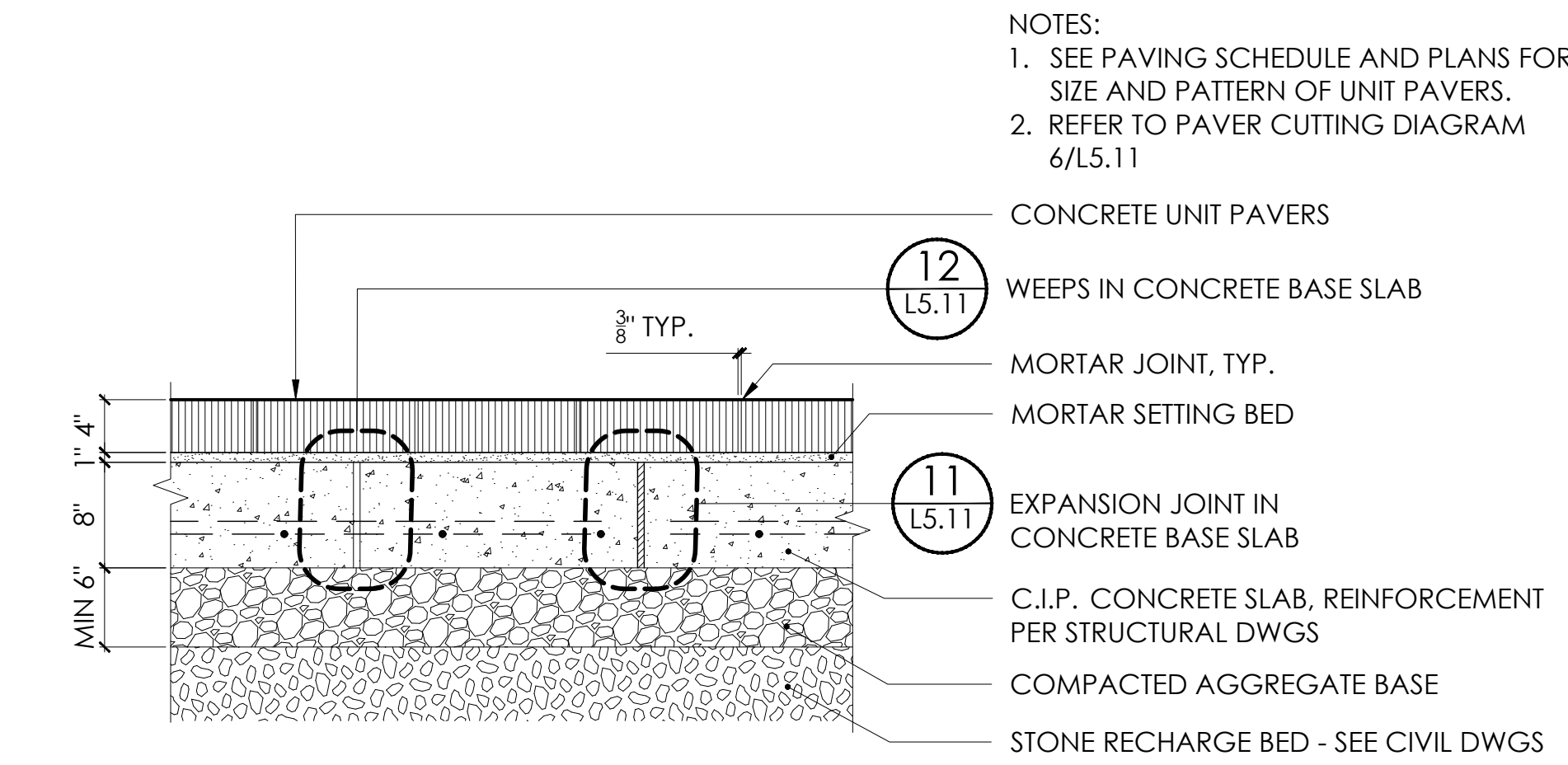
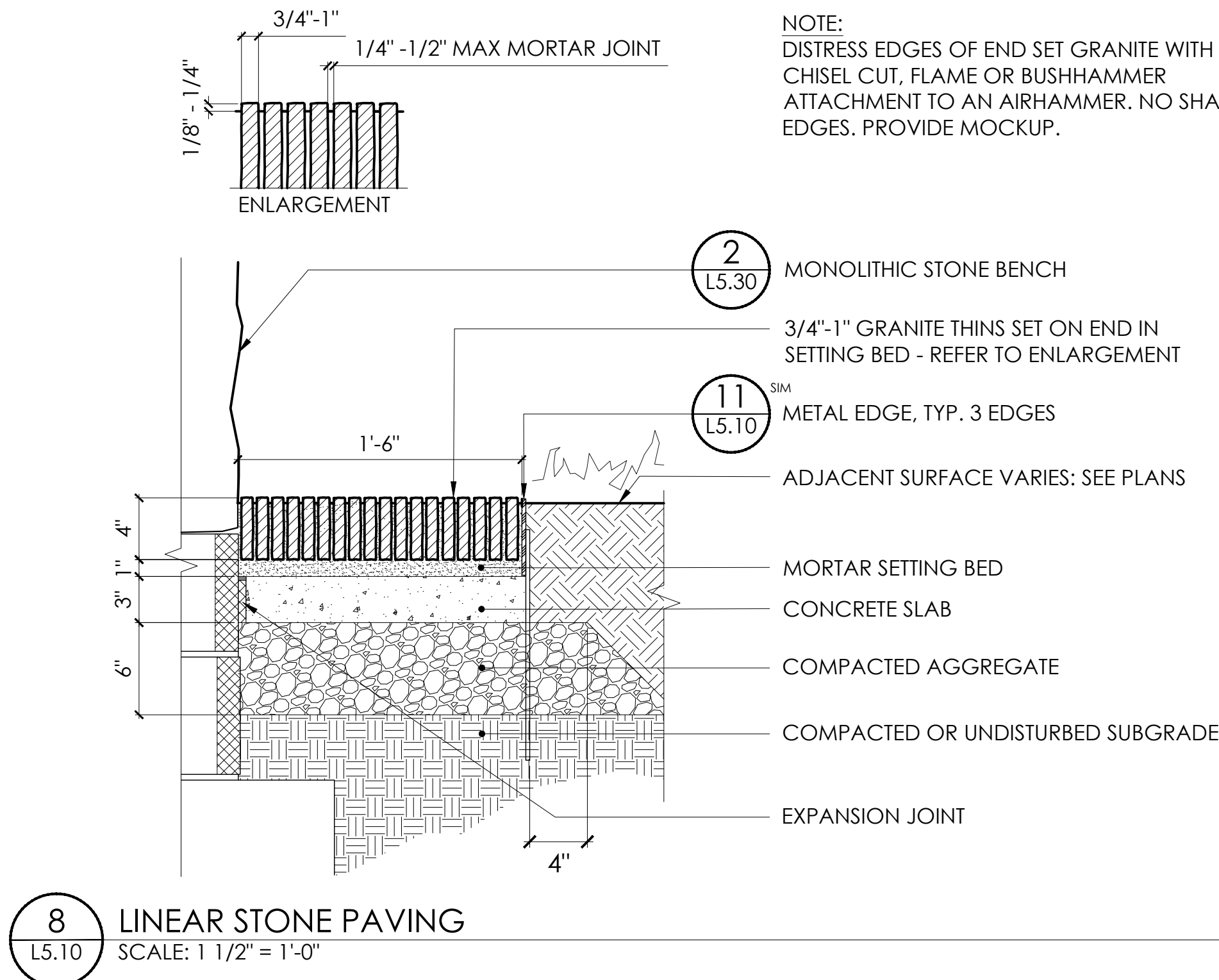
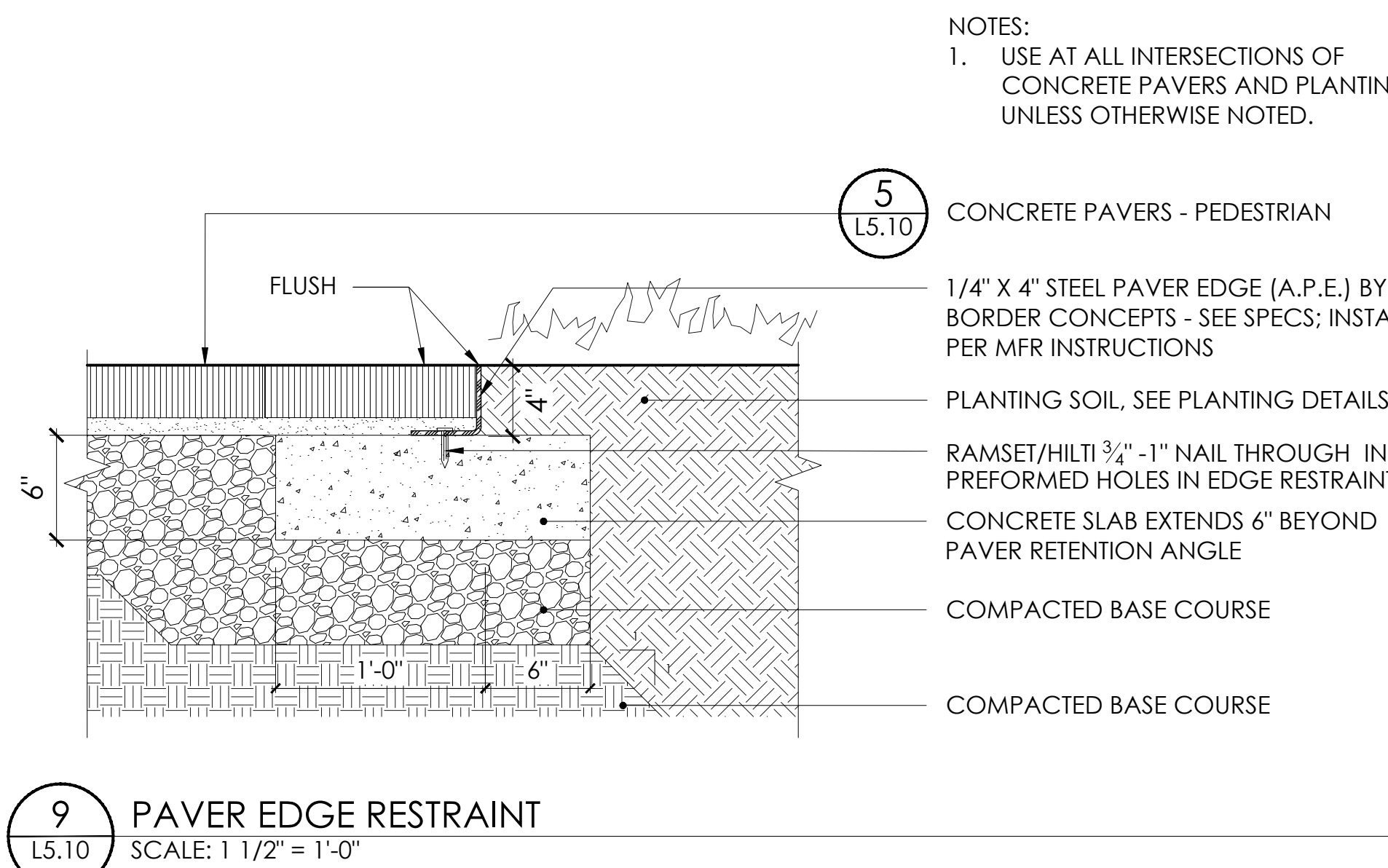
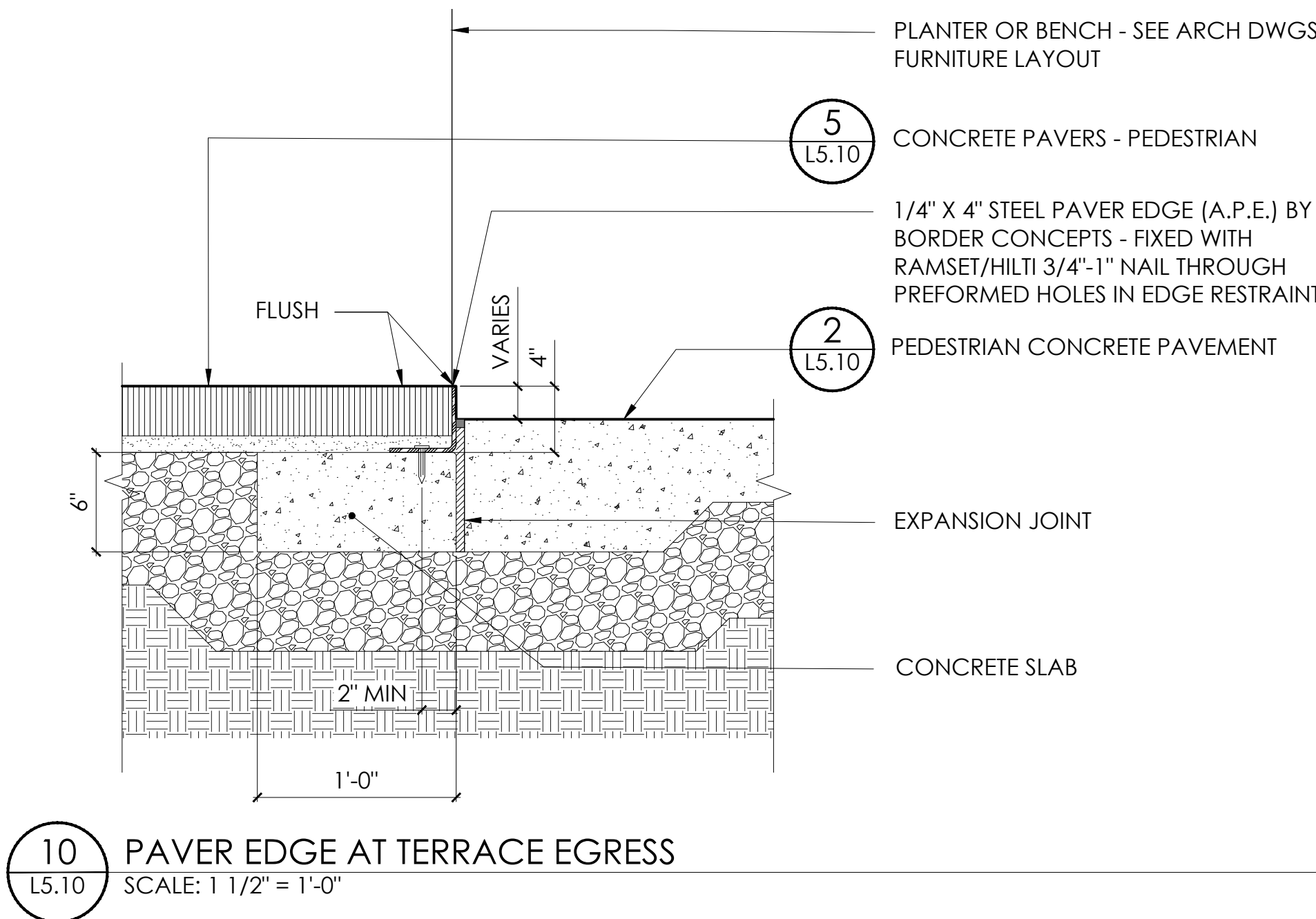
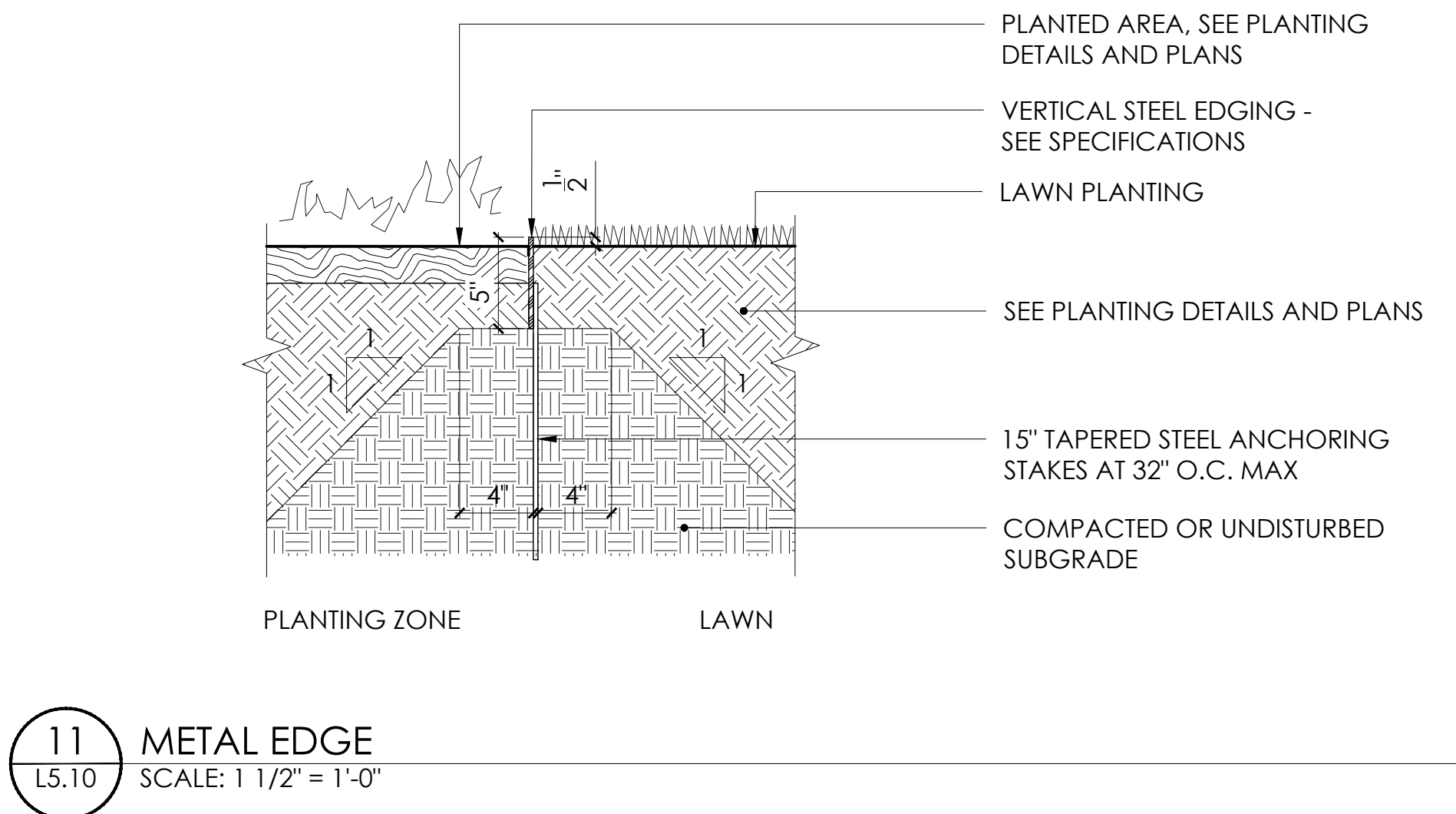
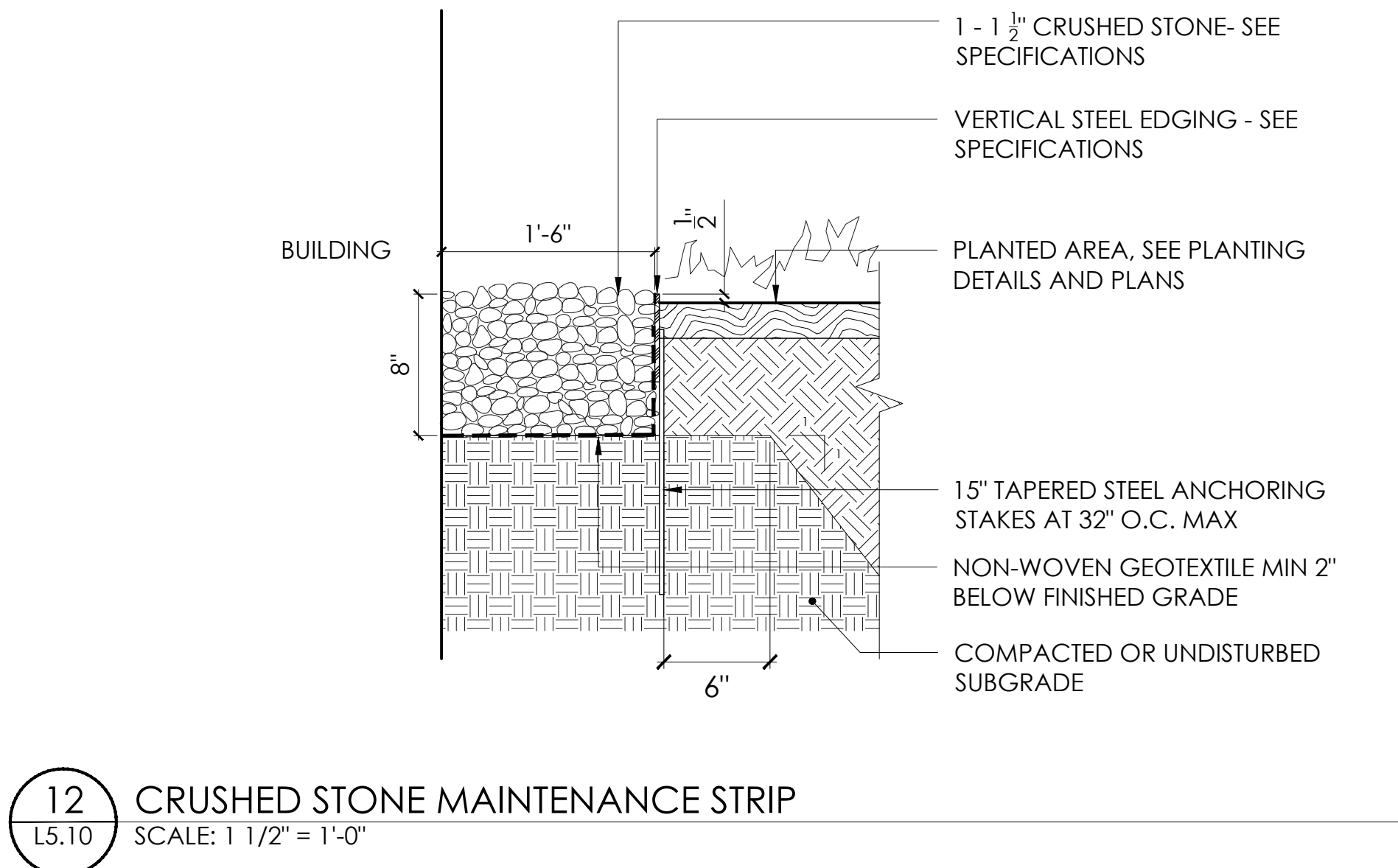
3 COURTYARD BENCHES
SCALE: 1/2" = 1'-0"



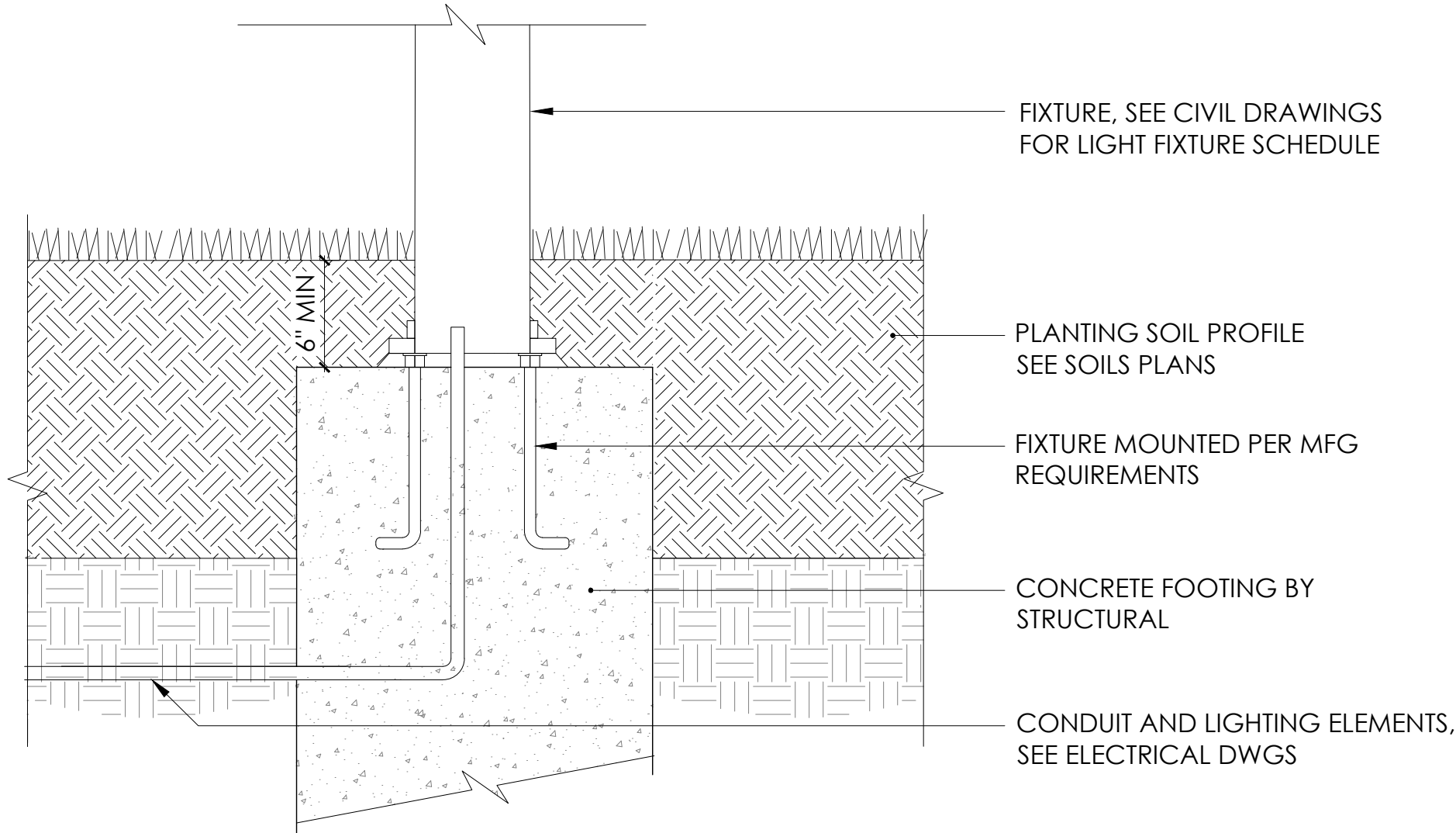
2 TERRACE EGRESS
SCALE: 1/2" = 1'-0"



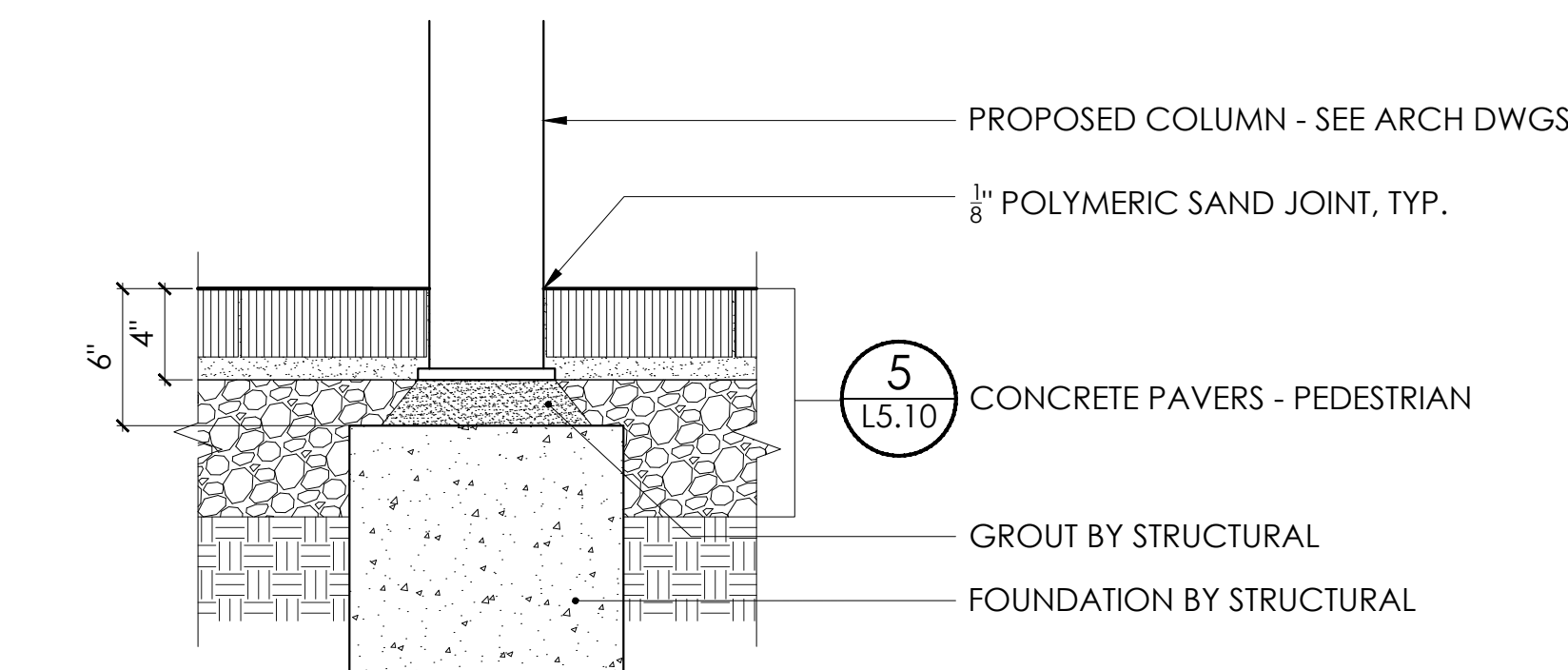
1 STEPPED ACCESS TO COURTYARD
SCALE: 1/2" = 1'-0"



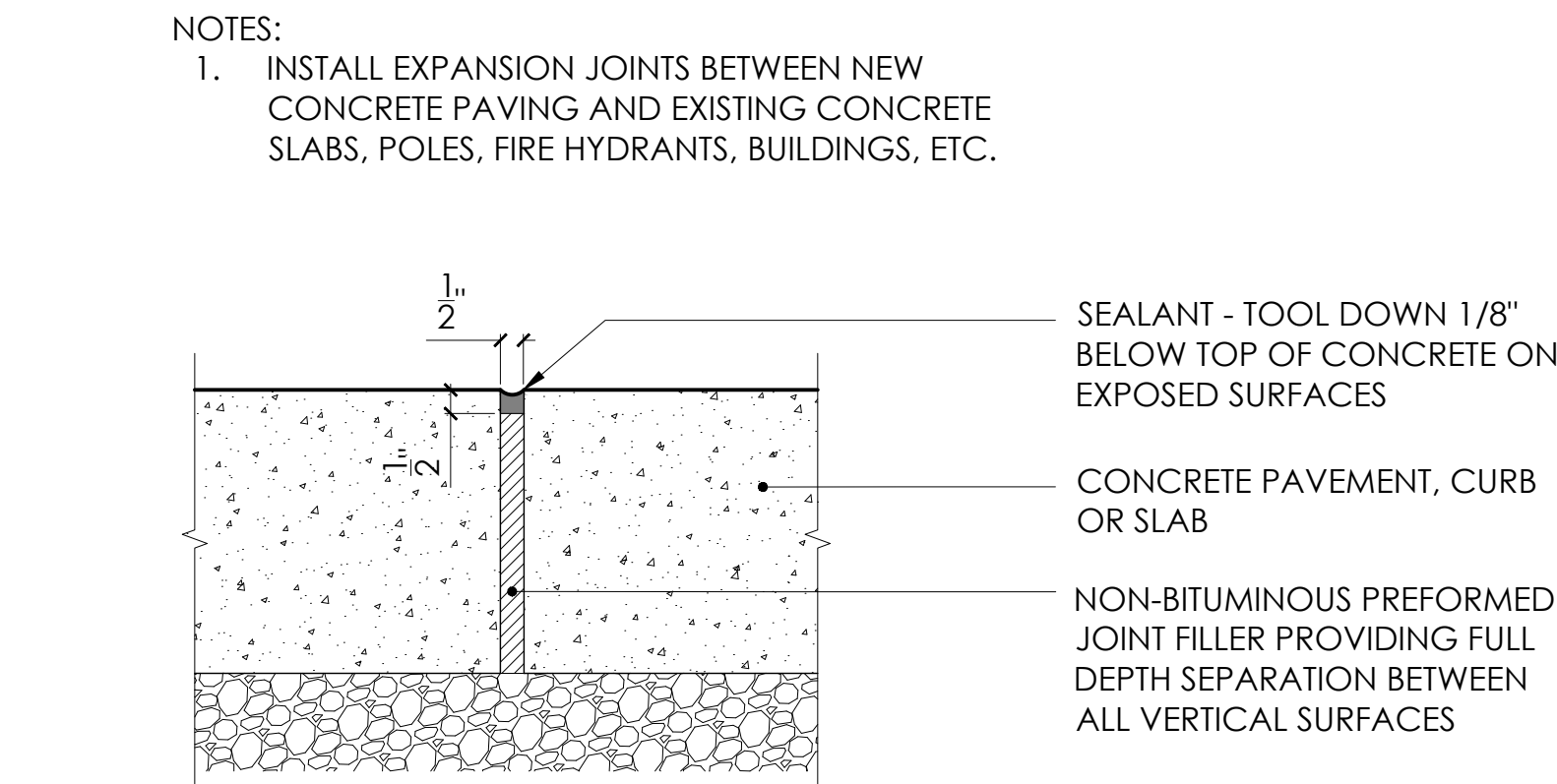
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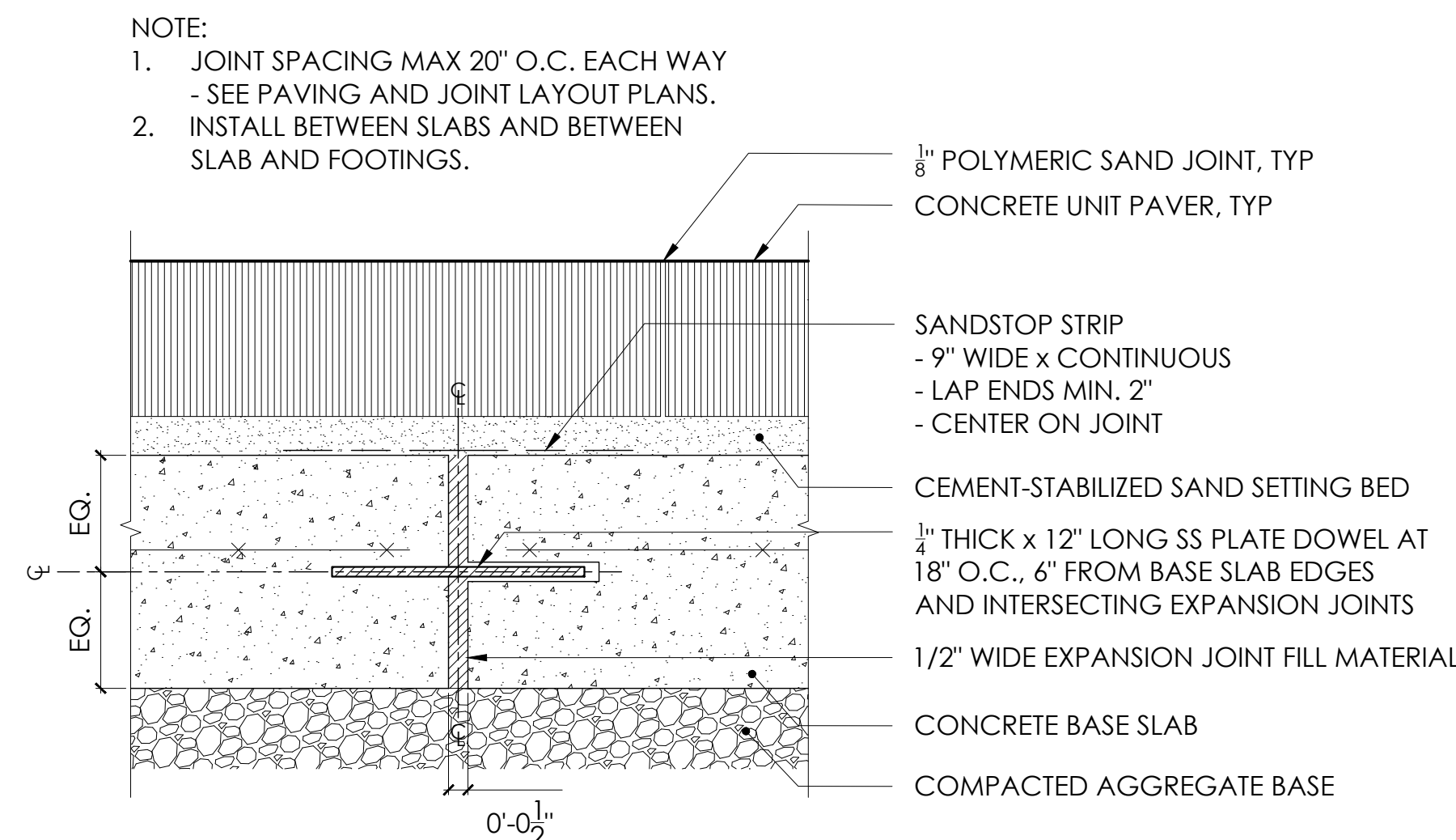
13 LIGHTING FIXTURE IN PLANTING
L5.11 SCALE: 1" = 1'-0"



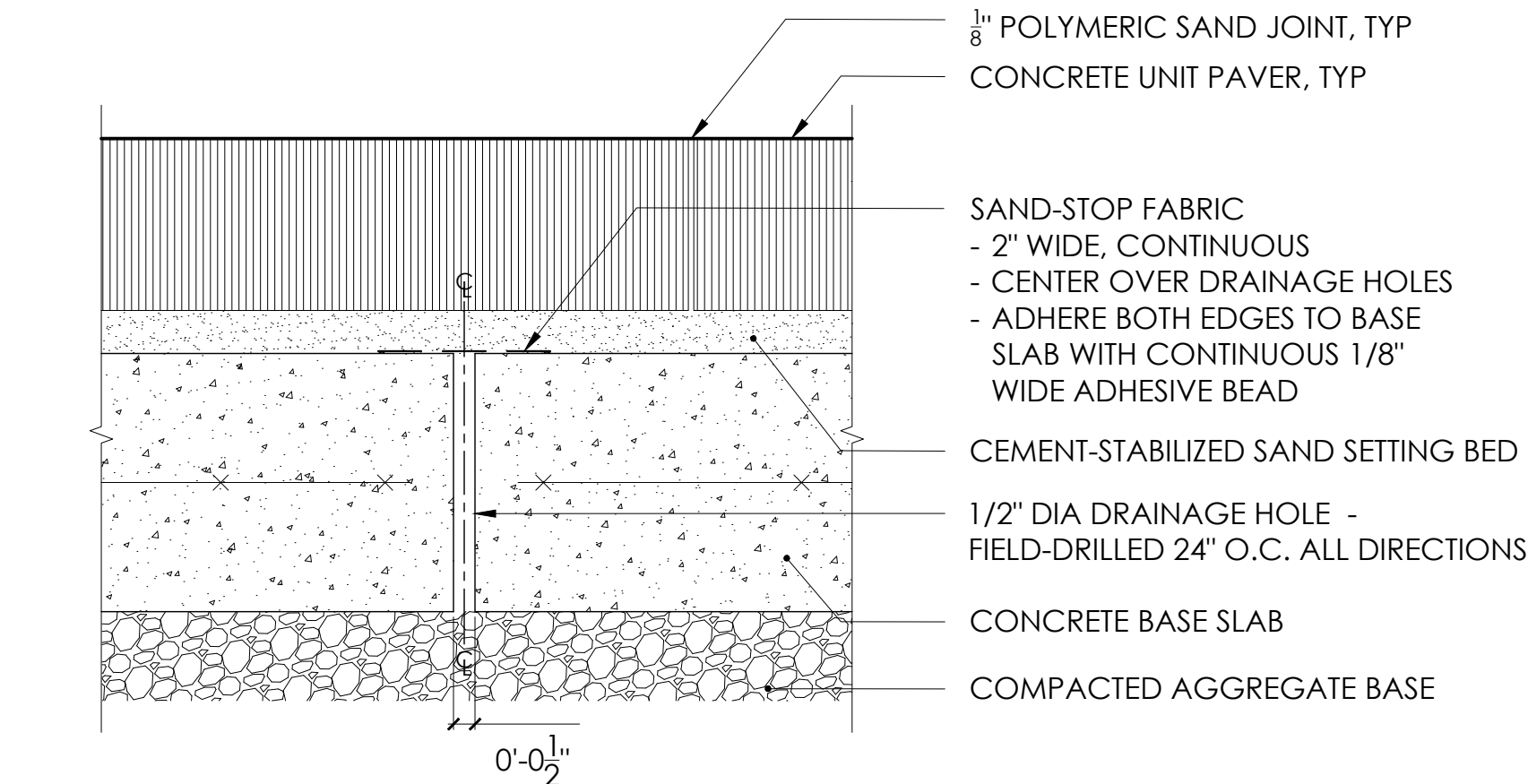
9 UNIT PAVERS AT CANOPY COLUMN
L5.11 SCALE: 1 1/2" = 1'-0"



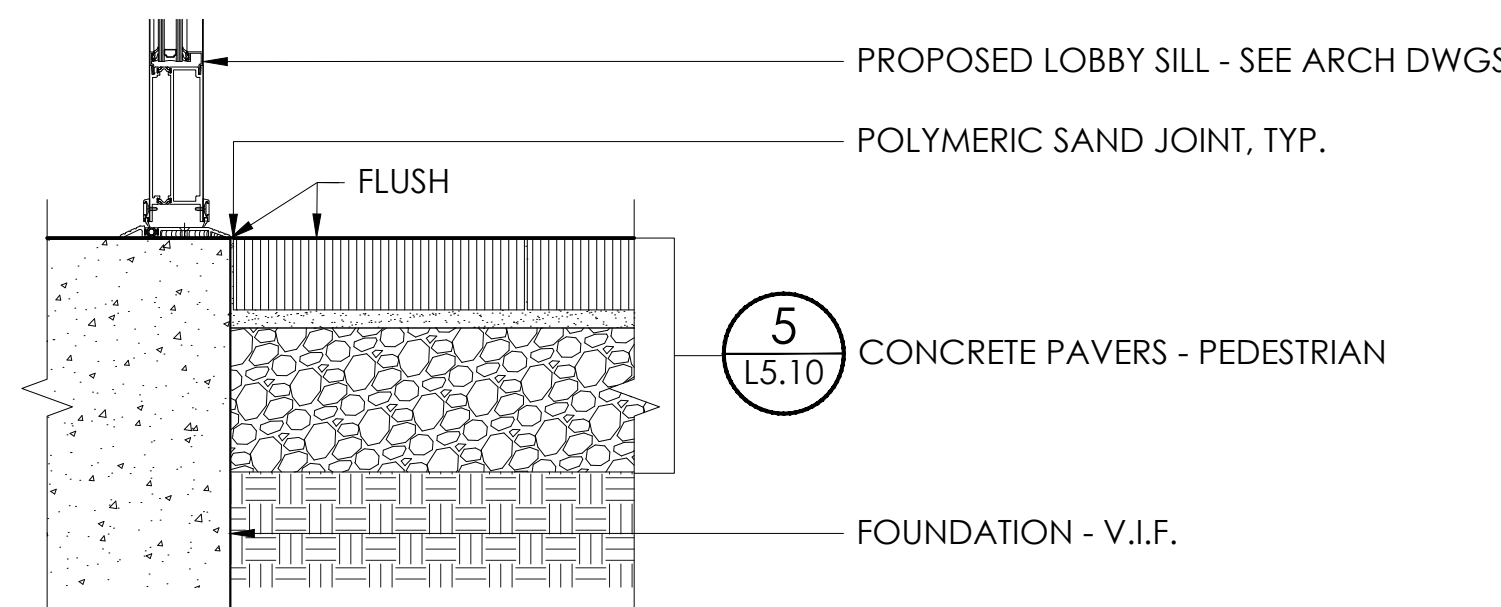
10 EXPANSION JOINT
L5.11 SCALE: 3\"/>



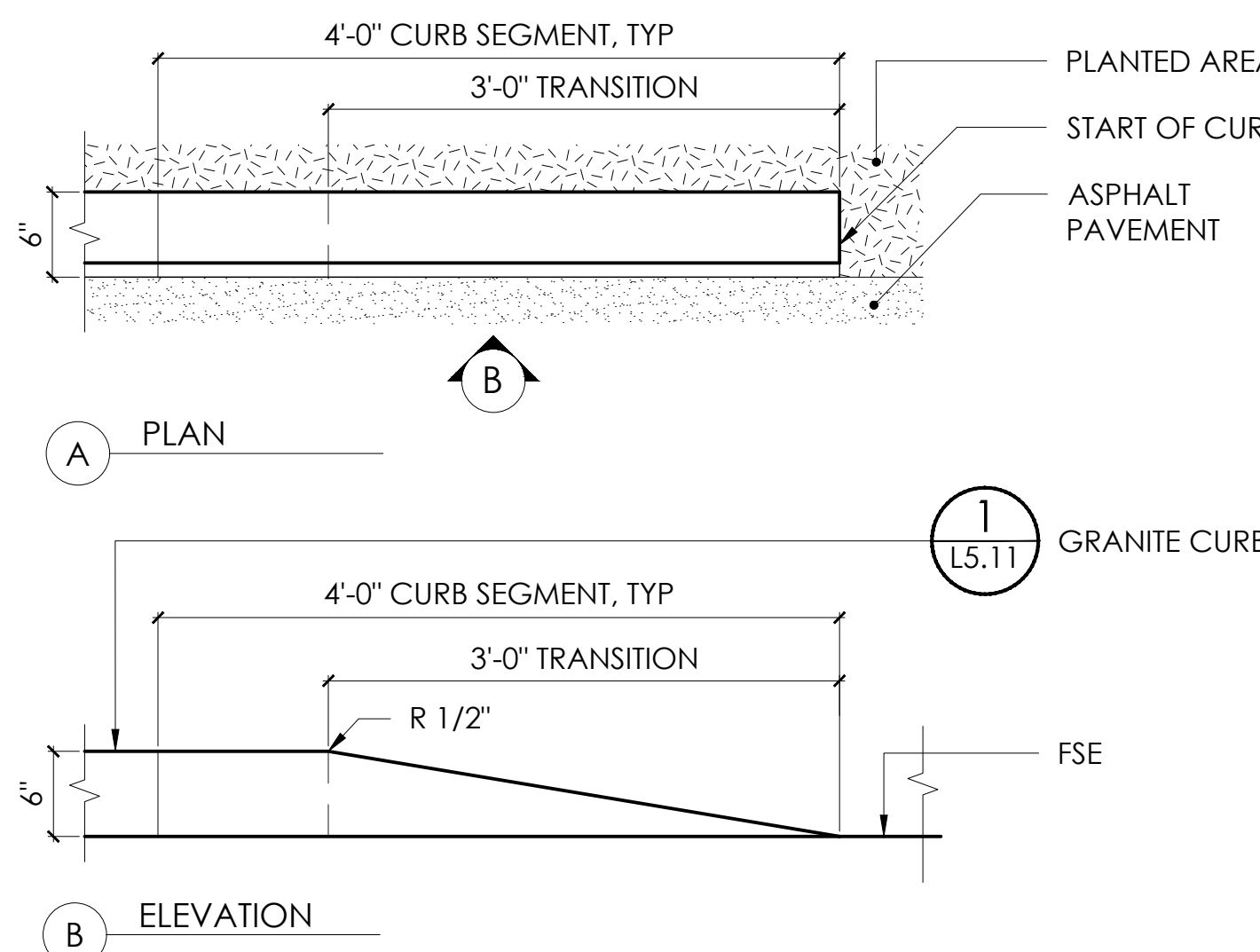
11 EXPANSION JOINT IN CONCRETE BASE SLAB
L5.11 SCALE: 3\"/>



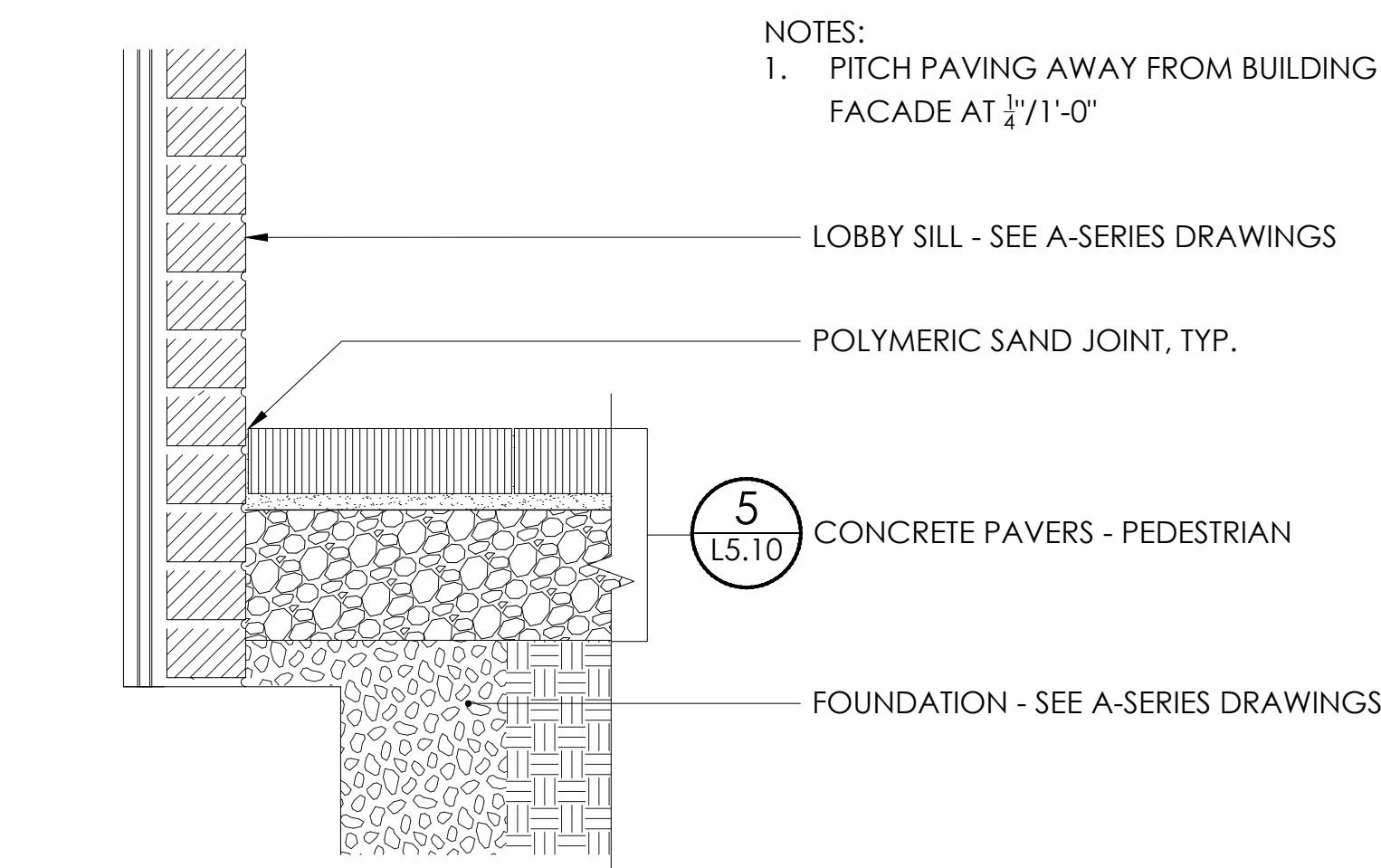
12 WEEPS IN CONCRETE SLAB
L5.11 SCALE: 3\"/>



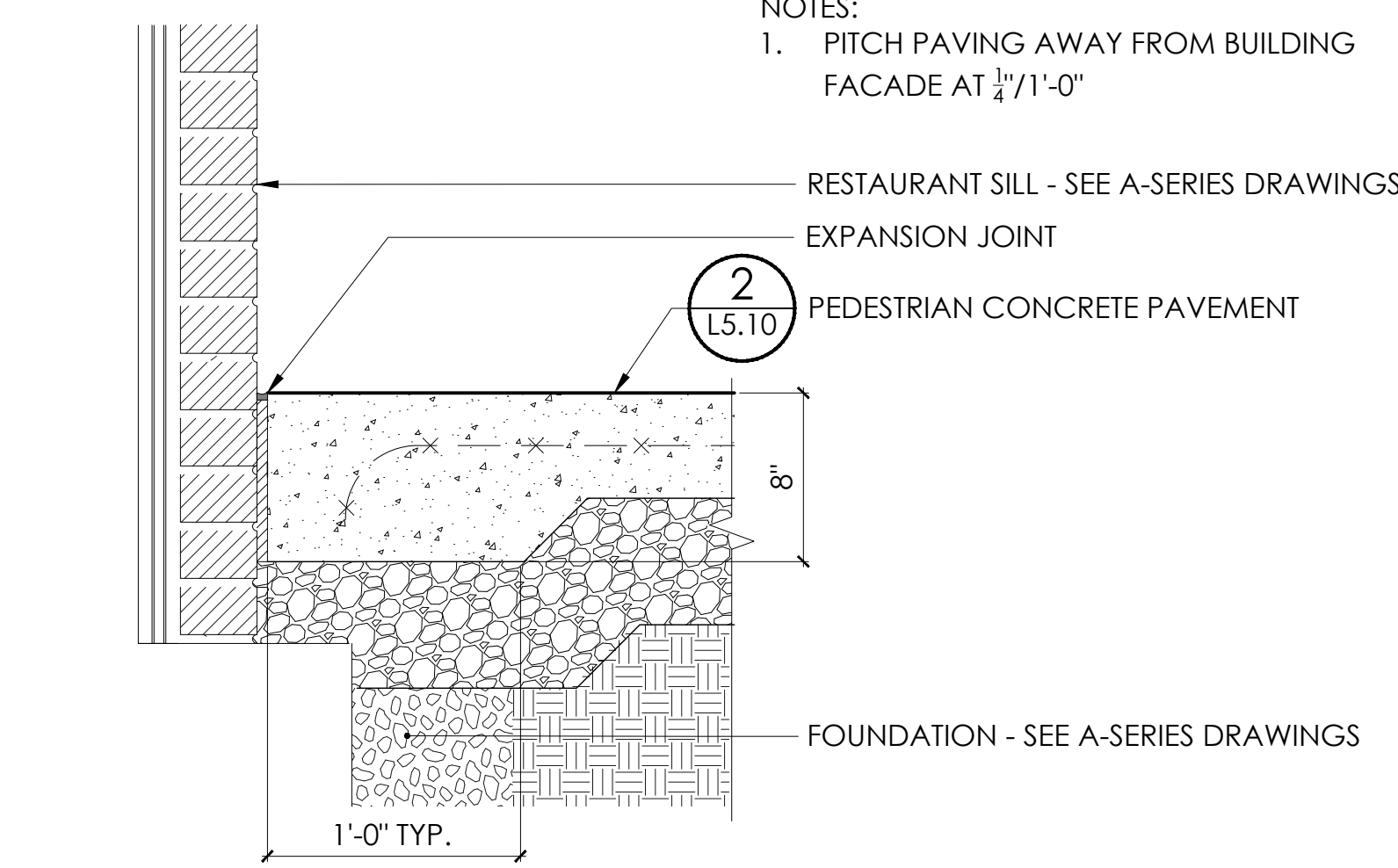
6 UNIT PAVERS AT LOBBY FACADE
L5.11 SCALE: 1 1/2\"/>



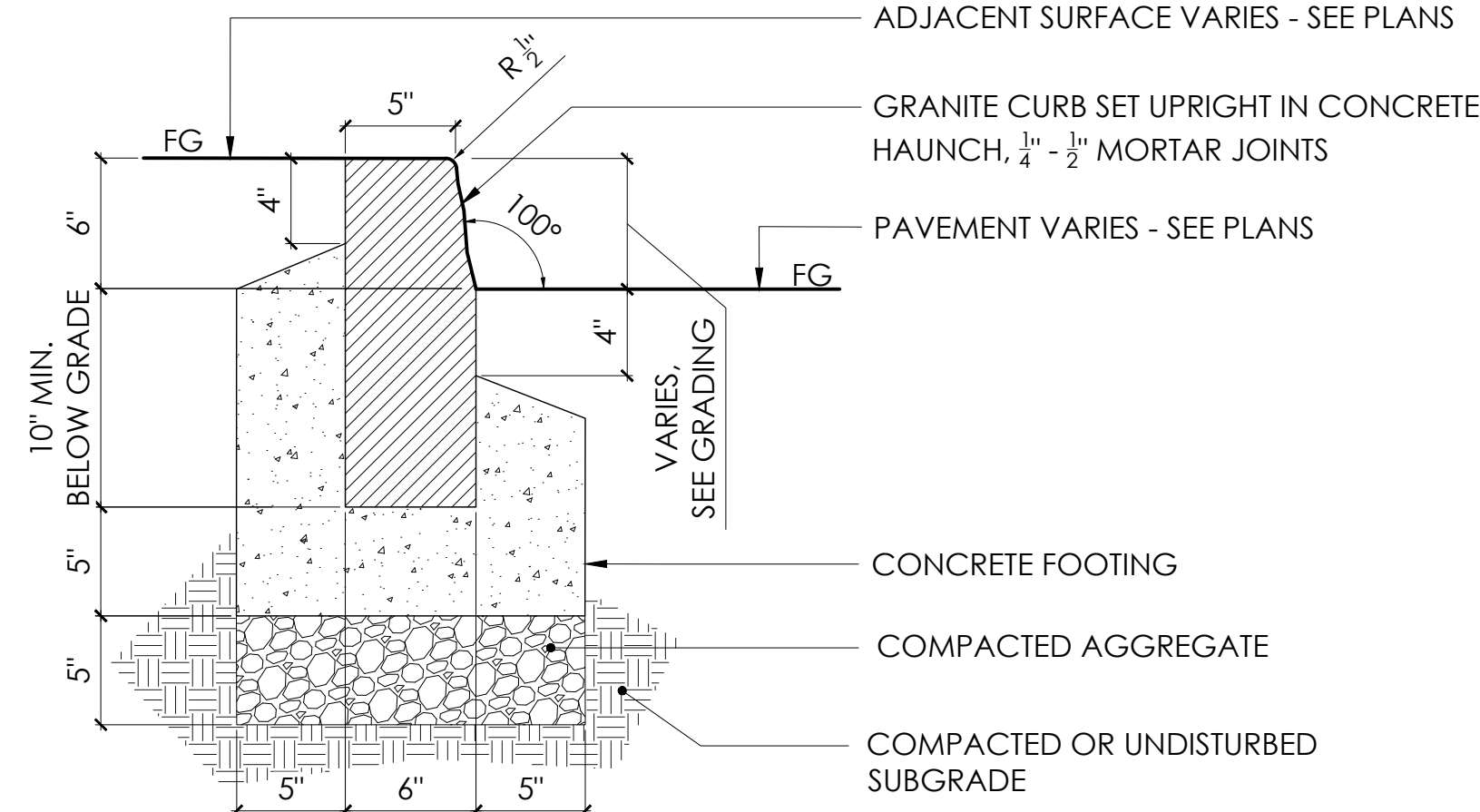
5 START OF CONCRETE CURB
L5.11 SCALE: 1\"/>



7 UNIT PAVERS AT MASONRY FACADE
L5.11 SCALE: 1 1/2\"/>



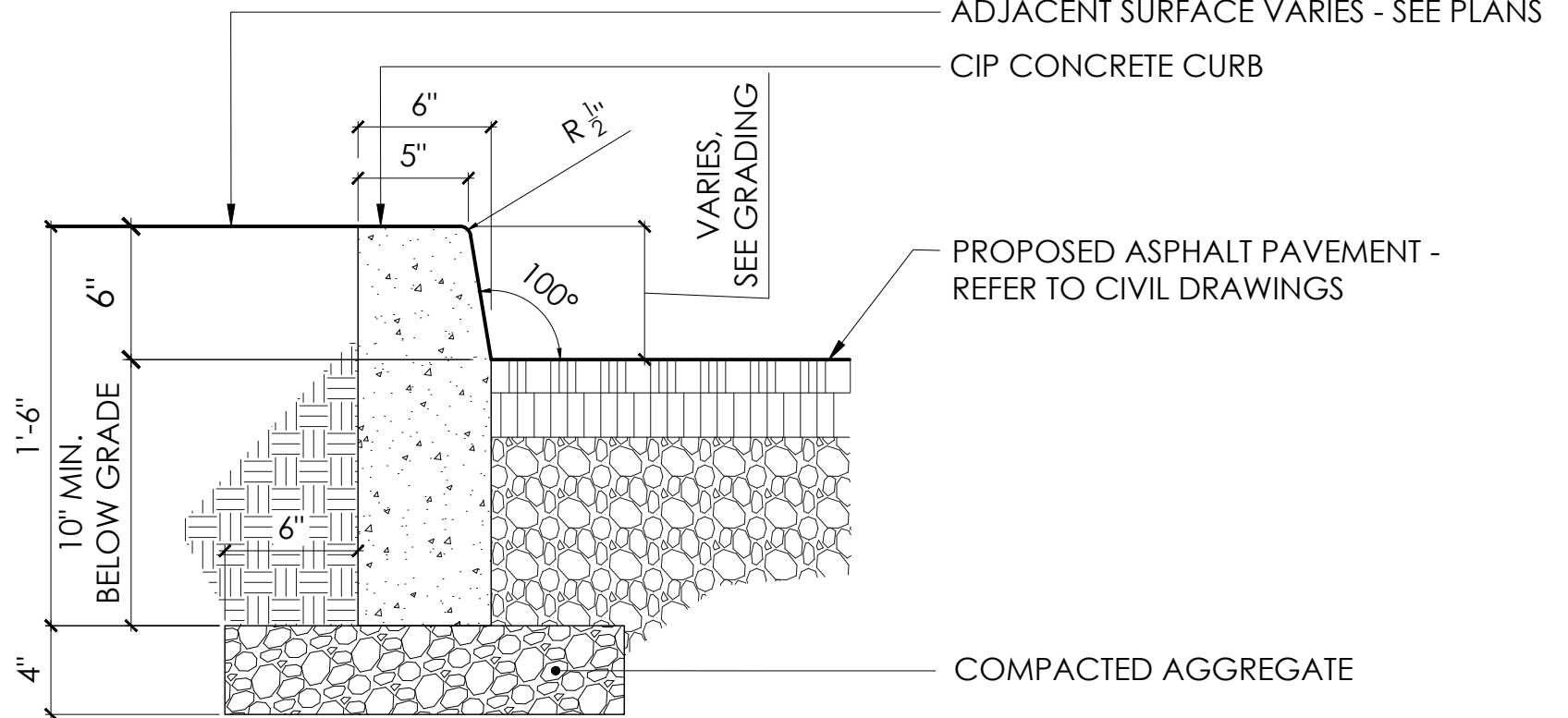
8 CONCRETE PAVEMENT AT MASONRY FACADE
L5.11 SCALE: 1 1/2\"/>



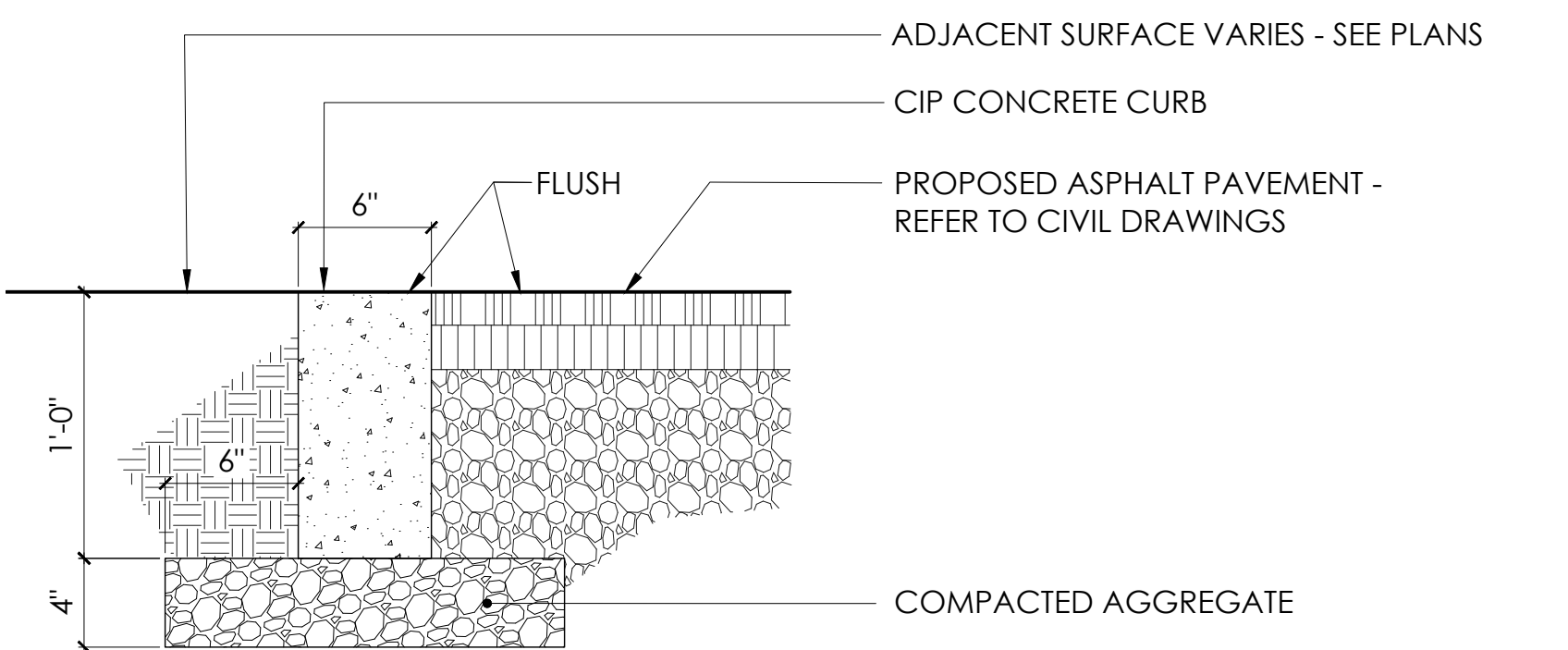
1 GRANITE CURB
L5.11 SCALE: 1 1/2\"/>

REFER TO DTL. 1/L5.11 FOR ALL GRANITE CURB CONDITIONS

2 FLUSH GRANITE CURB
L5.11 SCALE: 1 1/2\"/>



3 CONCRETE CURB
L5.11 SCALE: 1 1/2\"/>



4 FLUSH CONCRETE CURB
L5.11 SCALE: 1 1/2\"/>

- NOTES:
1. PROVIDE EXPANSION JOINTS AT MAX 20'-0" O.C. PROVIDE EVEN SPACING BETWEEN JOINTS.
 2. INSTALL JOINTS AT TANGENT
 3. JOINTS IN CURB TO ALIGN WITH JOINTS IN ADJACENT CONCRETE SIDEWALK

- NOTES:
1. PROVIDE EXPANSION JOINTS AT MAX 20'-0" O.C. PROVIDE EVEN SPACING BETWEEN JOINTS.
 2. JOINTS IN CURB TO ALIGN WITH JOINTS IN ADJACENT CONCRETE SIDEWALK

7 DRY STACKED STONE WALL
L5.20 SCALE: 3/4" = 1'-0"

6 HANDRAIL POST ANCHORING
L5.20 SCALE: 1 1/2" = 1'-0"

5 HANDRAIL EMBEDMENT
L5.20 SCALE: 1 1/2" = 1'-0"

3 HANDRAIL PROFILE
L5.20 SCALE: 6" = 1'-0"

2 HANDRAIL
L5.20 SCALE: 1" = 1'-0"

3 MONOLITHIC STONE STEPS ELEVATION

1 MONOLITHIC STONE STEPS
L5.20 SCALE: 1" = 1'-0"

SITE FURNISHINGS SCHEDULE

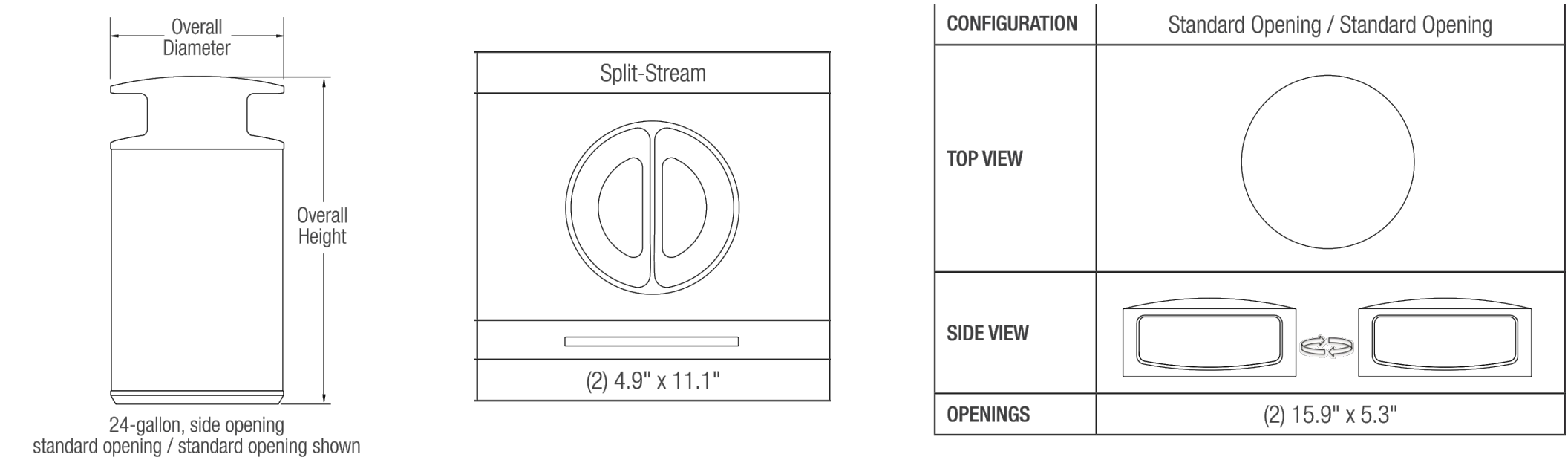
TYPE	DETAIL	MANUFACTURER	MODEL/DESCRIPTION/SIZE	FINISH	QTY	NOTES
CAMPUS STANDARD BENCH	3 L5.30	VICTOR STANLEY	C-10 SPECIAL - 6'-0" WIDE WITH ARMS	POWDERCOATED DUCTILE IRON (BLACK) & IPE WOOD	3	SURFACE MOUNT PER MFR INSTRUCTIONS
CAMPUS STANDARD BIKE RACK	4 L5.30	SPORTWORKS	TOFINO INVERTED U NO SCRATCH - 28" LONG X 6" WIDE X 33" HIGH	POWDERCOATED STEEL (BLACK) WITH RUBBER BUMPER	14	SURFACE MOUNT PER MFR INSTRUCTIONS
WASTE RECEPTACLE	5 L5.30	FORMS + SURFACES	UNIVERSAL - 24 GALLON SIDE OPENING WITH STANDARD OPENING LID AND SPLIT-STREAM INTERIOR	STAINLESS STEEL SATIN BODY WITH SLATE-COLOR POLYETHYLENE LID	3	FREESTANDING MOUNT - PROVIDE "LITTER" AND "BOTTLES & CANS" GRAPHICS ON LID

NOTE: REFER TO CIVIL DRAWINGS FOR EXTERIOR LIGHTING INFORMATION

UNIVERSAL LITTER & RECYCLING RECEPTACLE

PRODUCT DATA

24-GALLON NOMINAL DIMENSIONS



MODELS	OVERALL DIAMETER	OVERALL HEIGHT	OVERALL WEIGHT
24-gallon, side opening	19.4" (493 mm)	37.3" (947 mm)	45 lbs (20 kg) (concrete base adds 33 lbs)

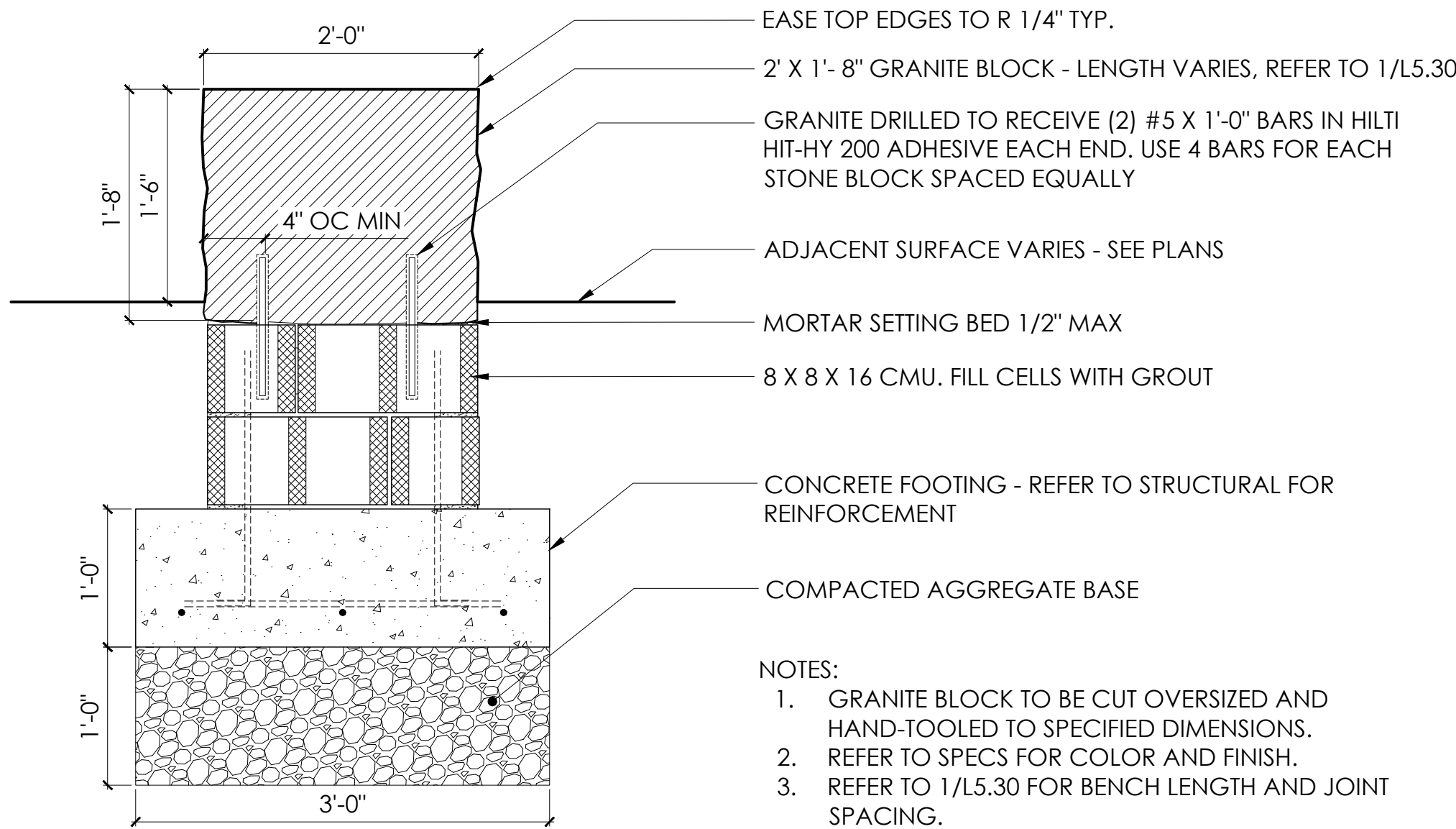
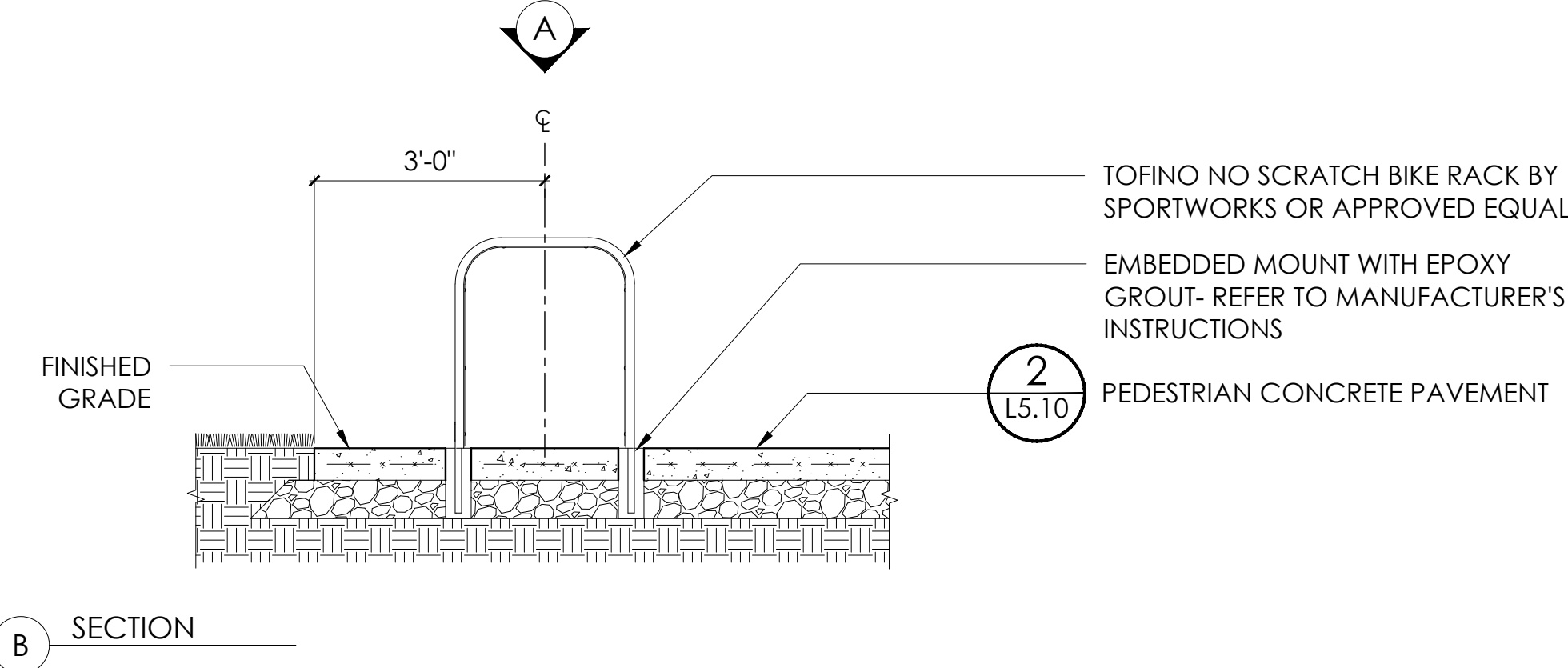
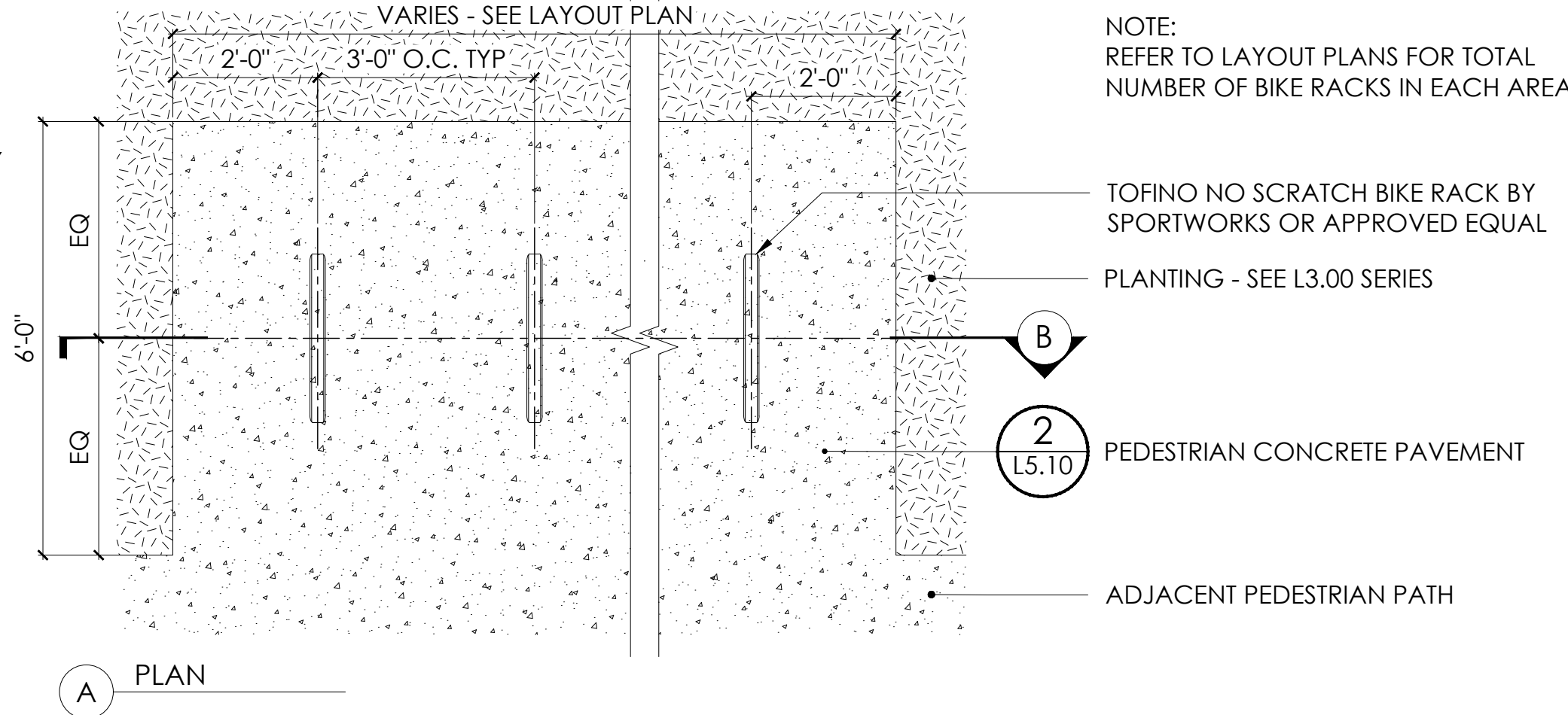
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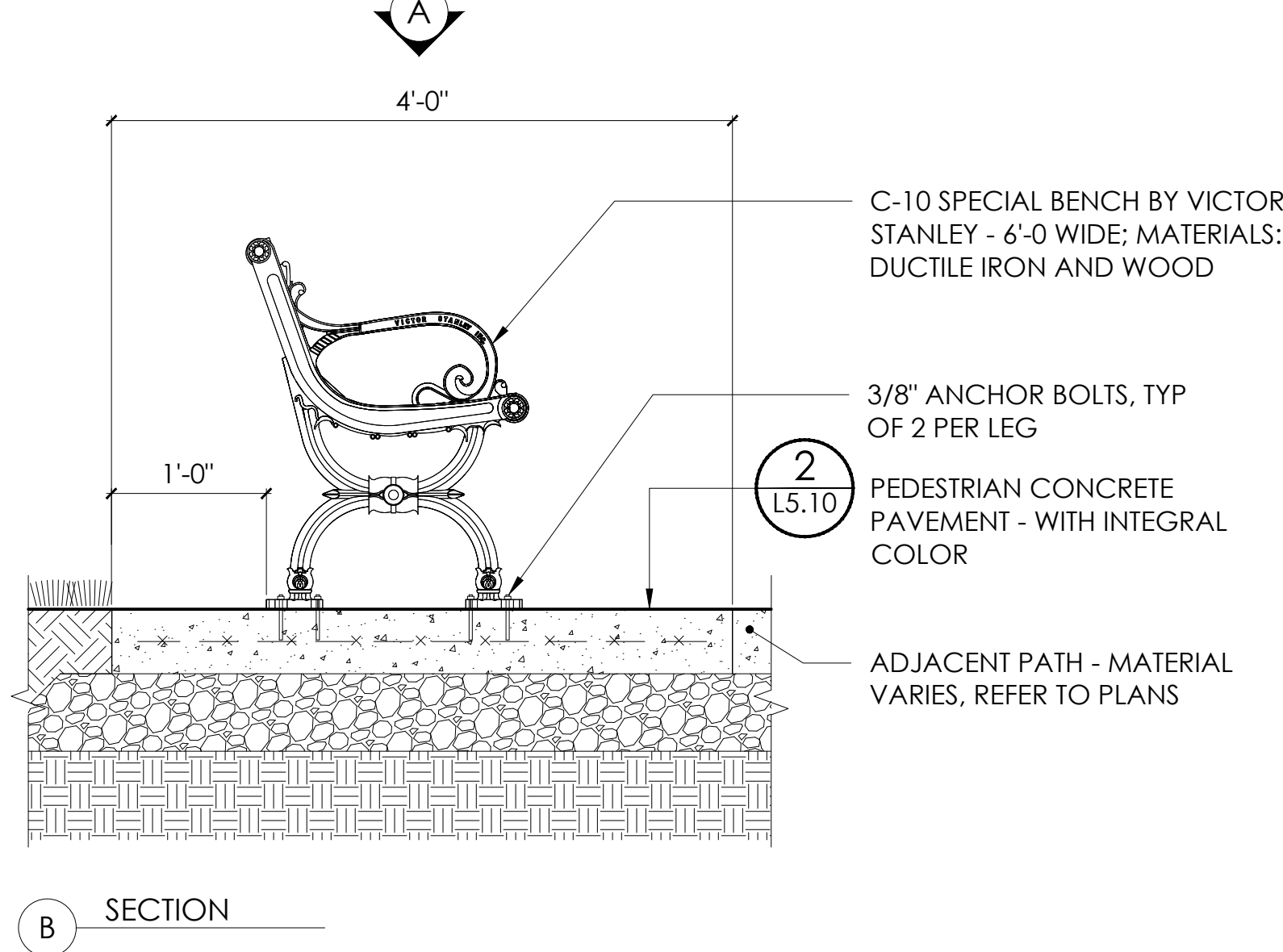
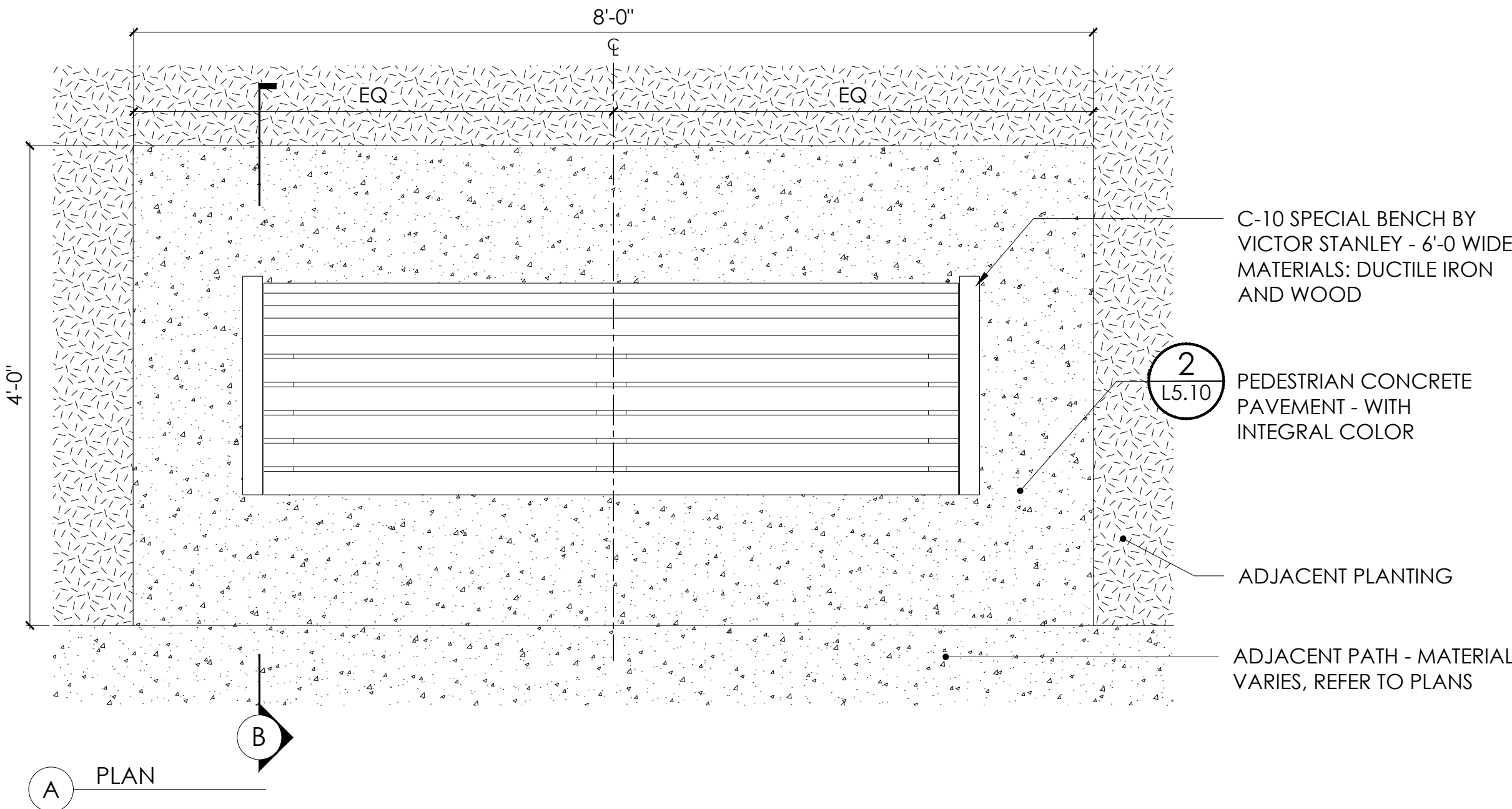
5 WASTE RECEPTACLE

SCALE: NTS



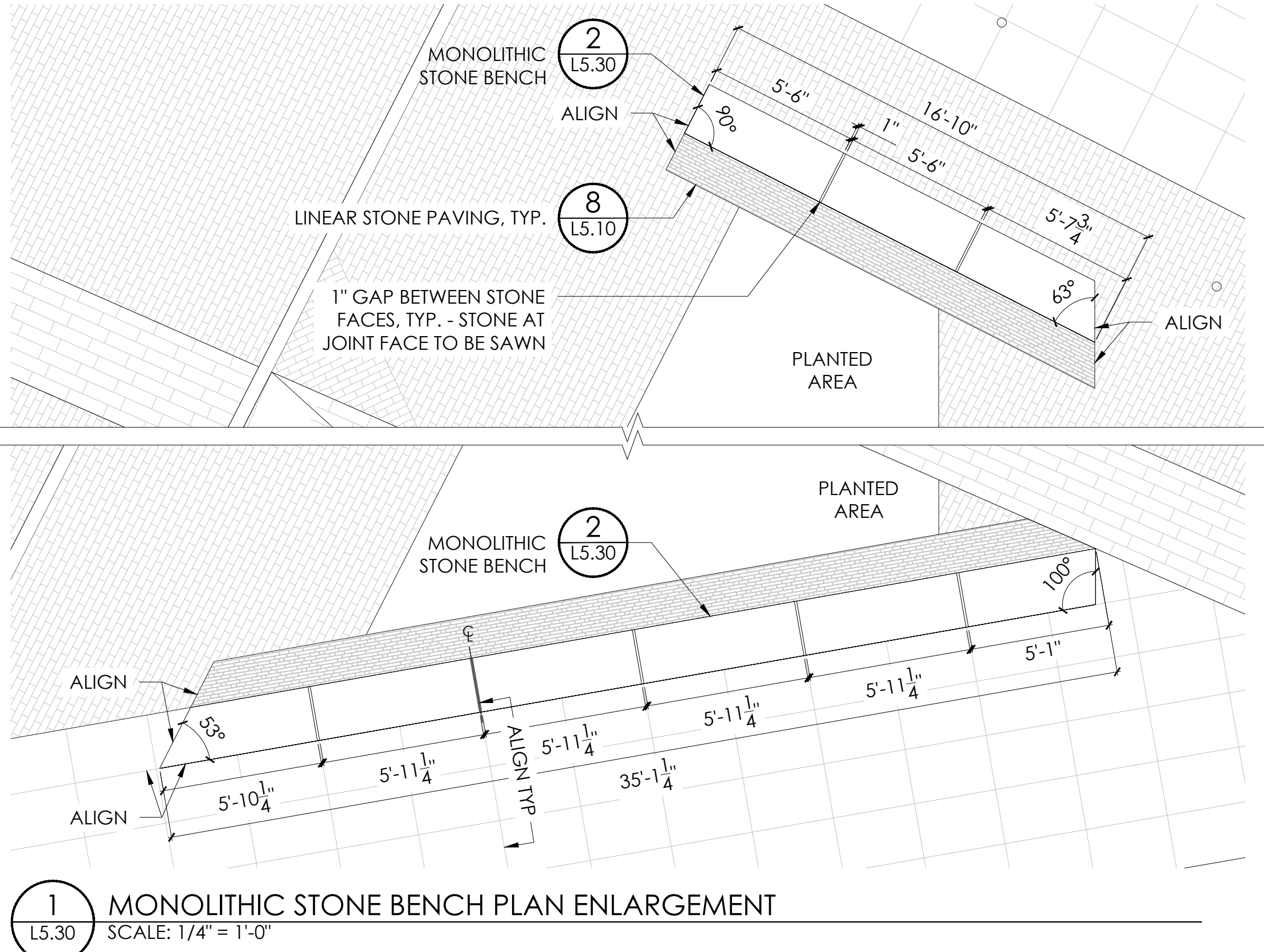
4 CAMPUS STANDARD BIKE RACK

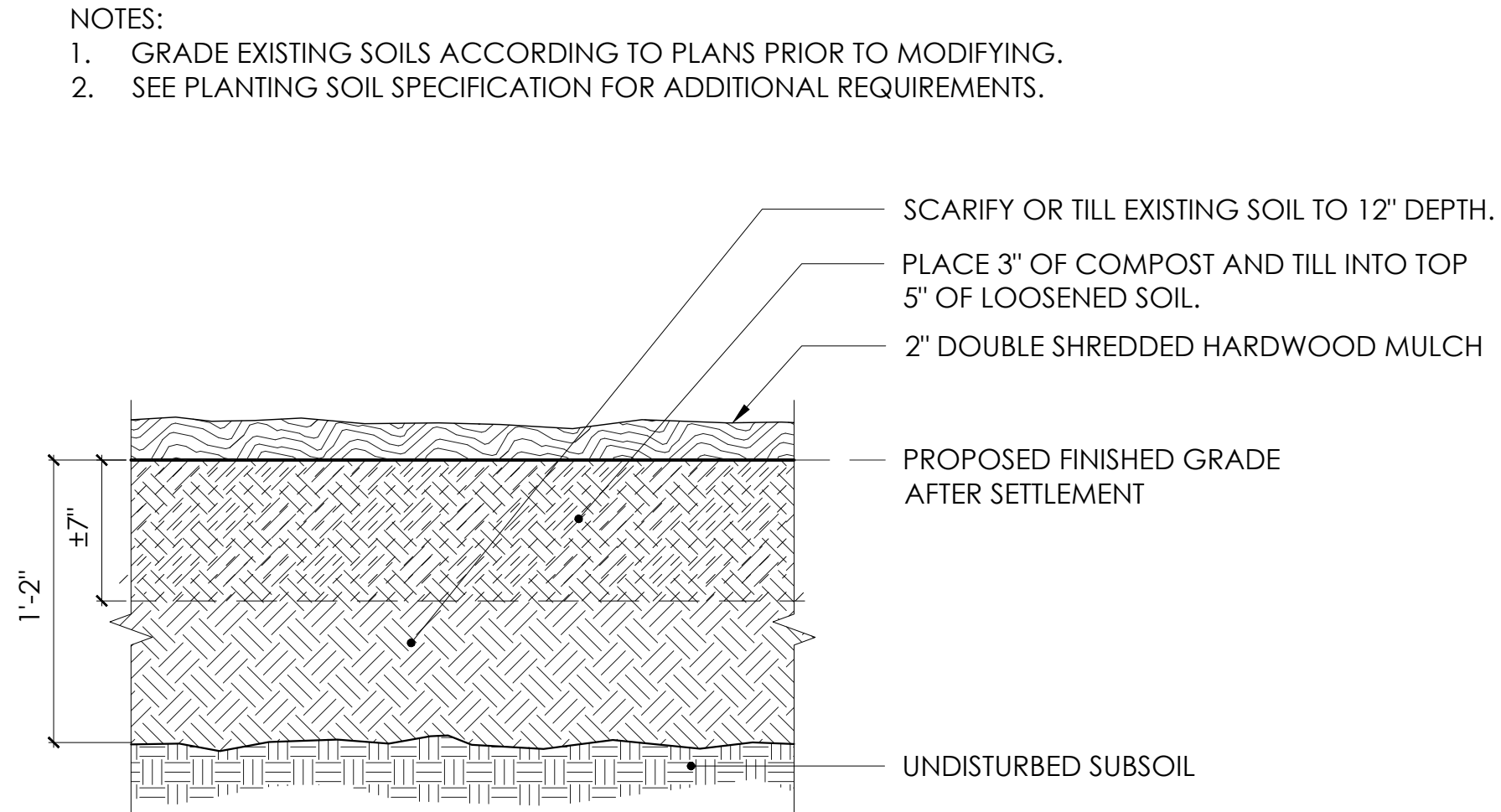
SCALE: 1/2" = 1'-0"



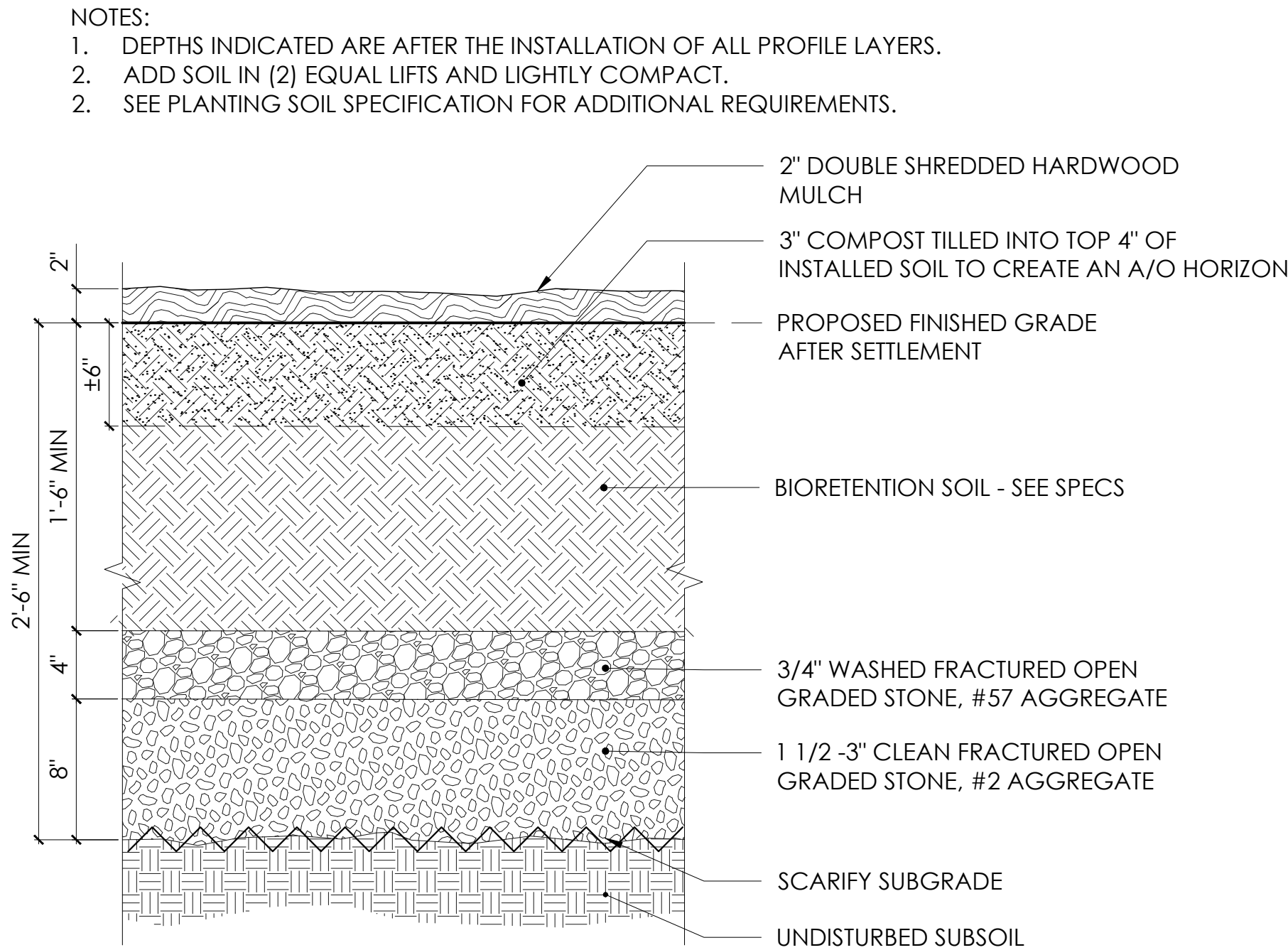
2 MONOLITHIC STONE BENCH

SCALE: 1" = 1'-0"

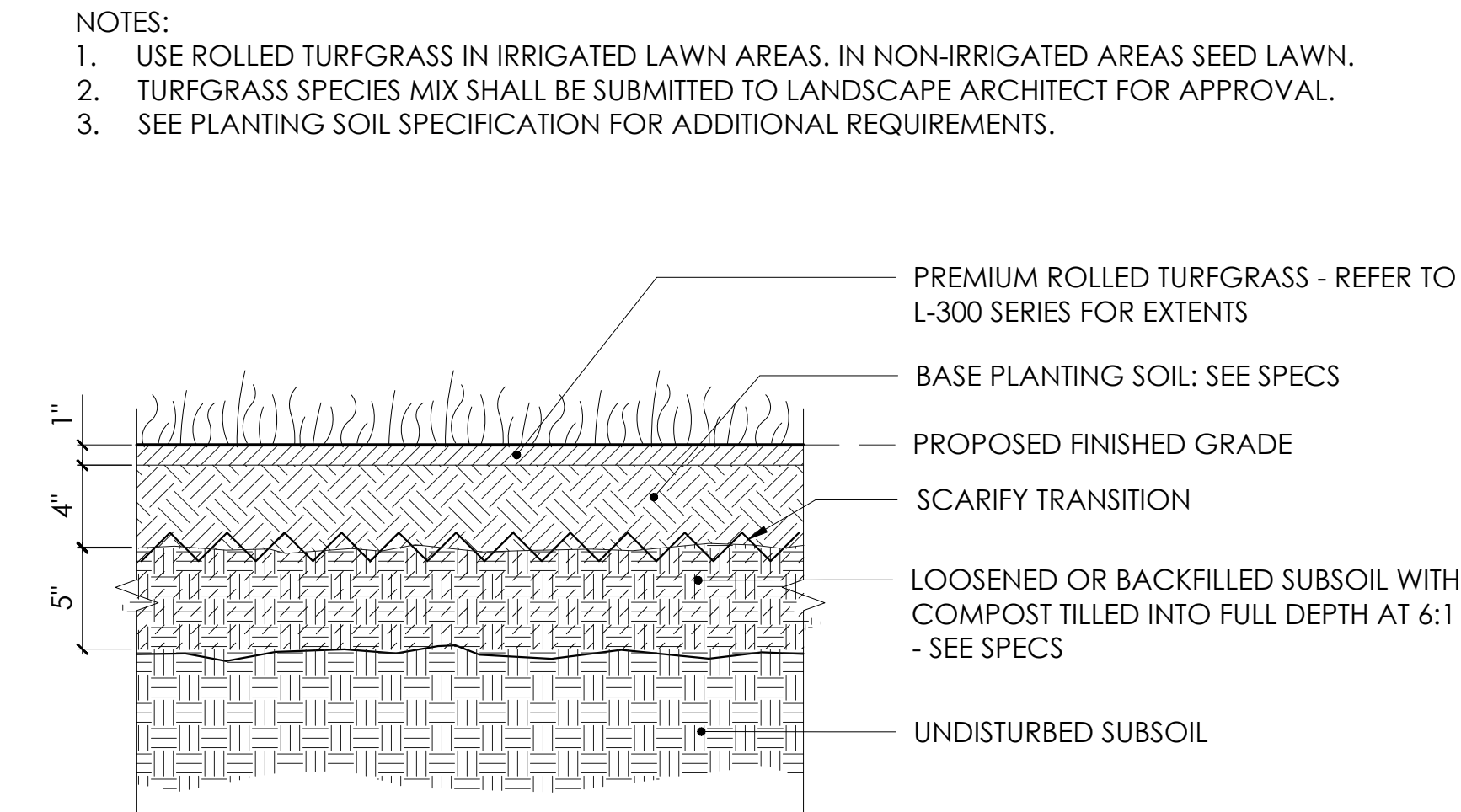




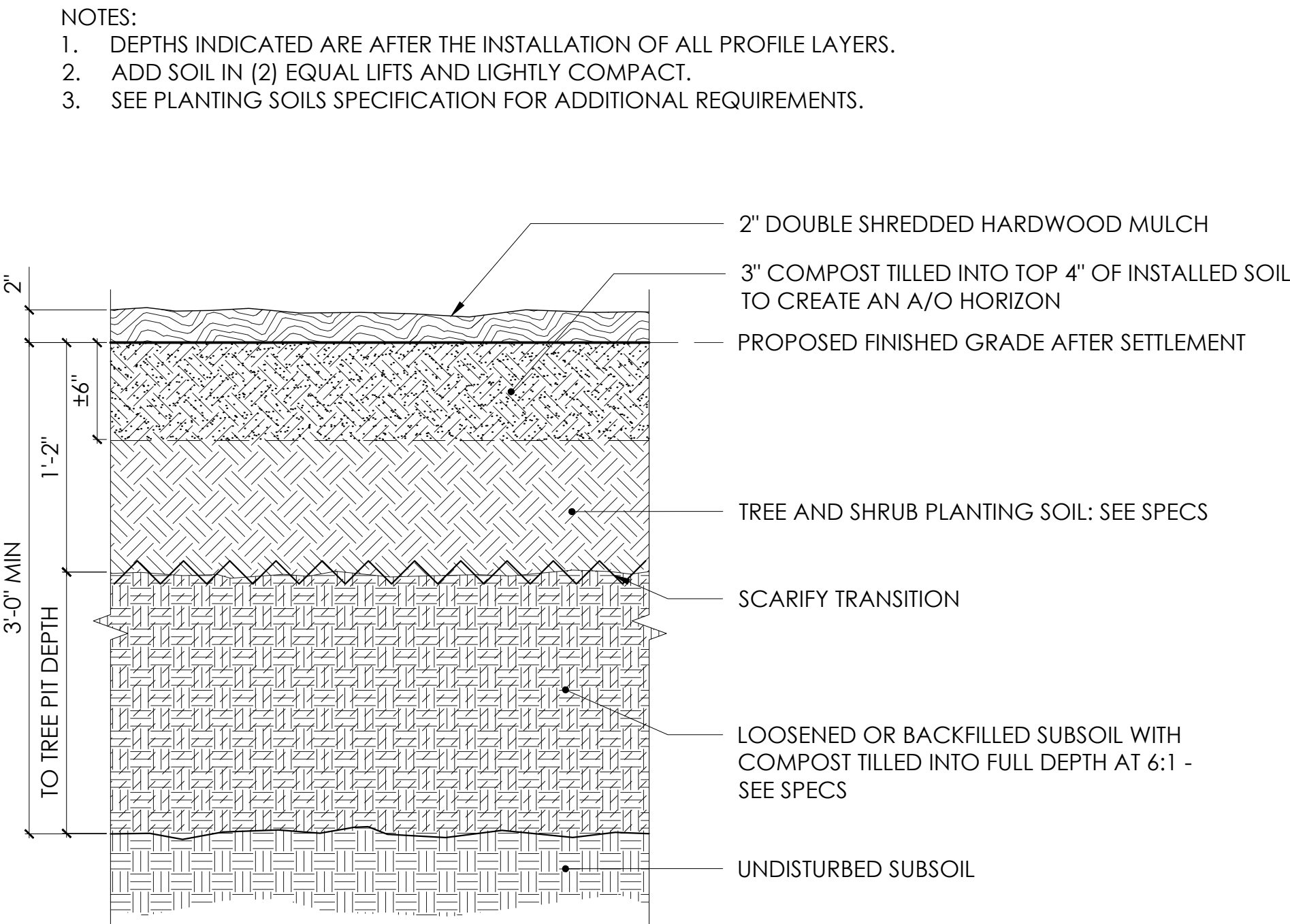
5
L6.10
MODIFIED EXISTING SOIL
SCALE: 1 1/2" = 1'-0"



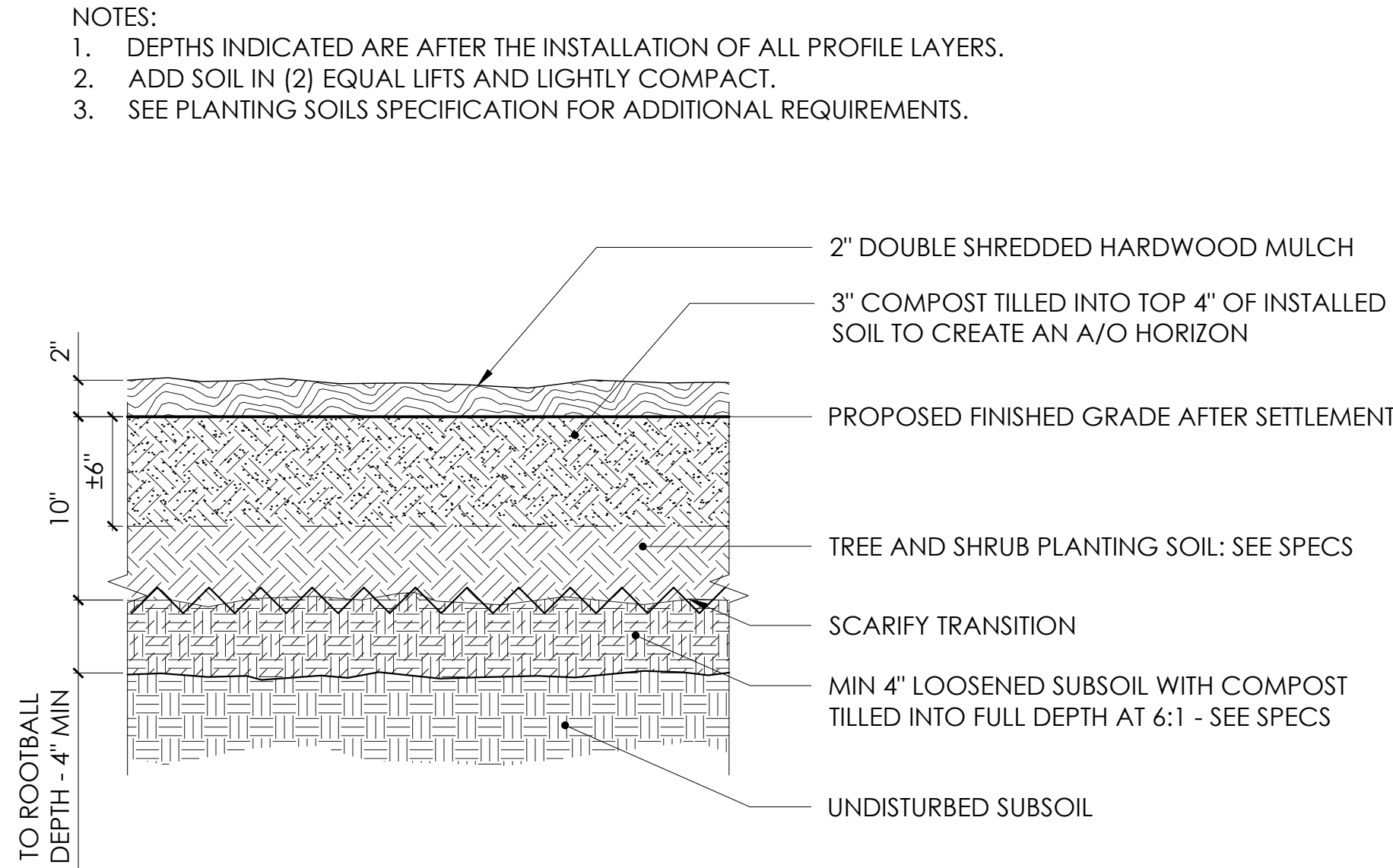
4
L6.10
BIORETENTION SOIL
SCALE: 1 1/2" = 1'-0"



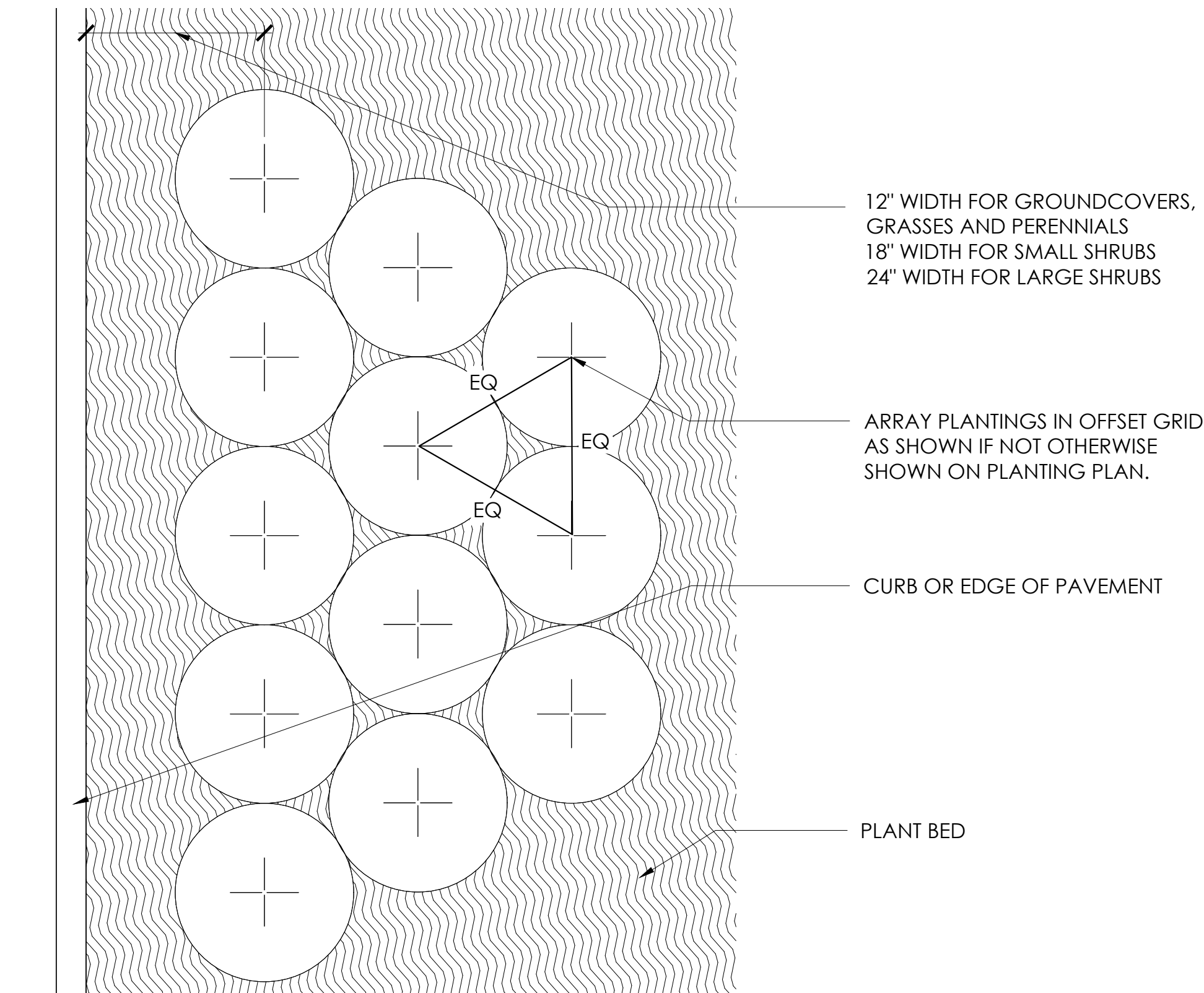
3
L6.10
LAWN SOIL
SCALE: 1 1/2" = 1'-0"



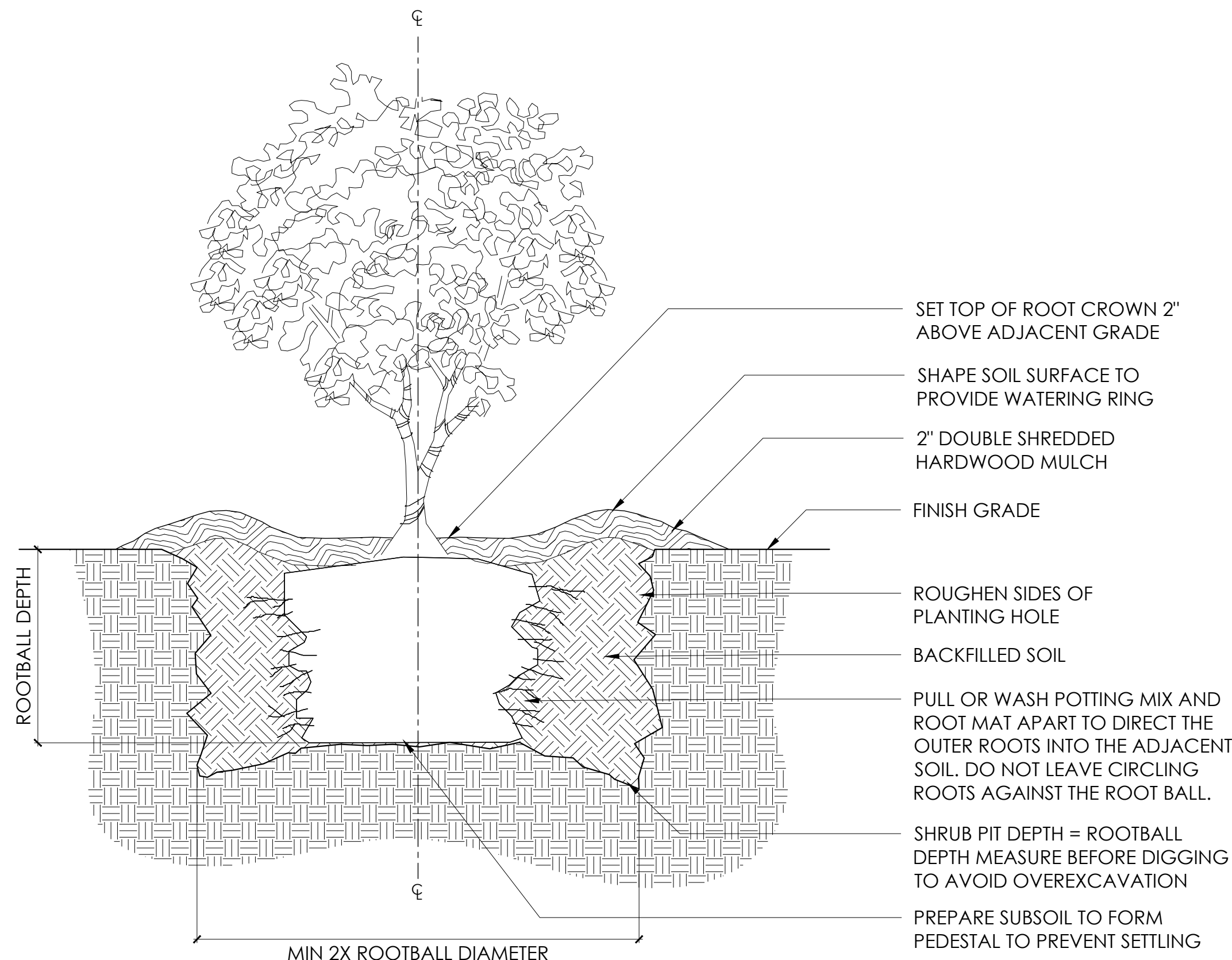
2
L6.10
TREE SOIL
SCALE: 1 1/2" = 1'-0"



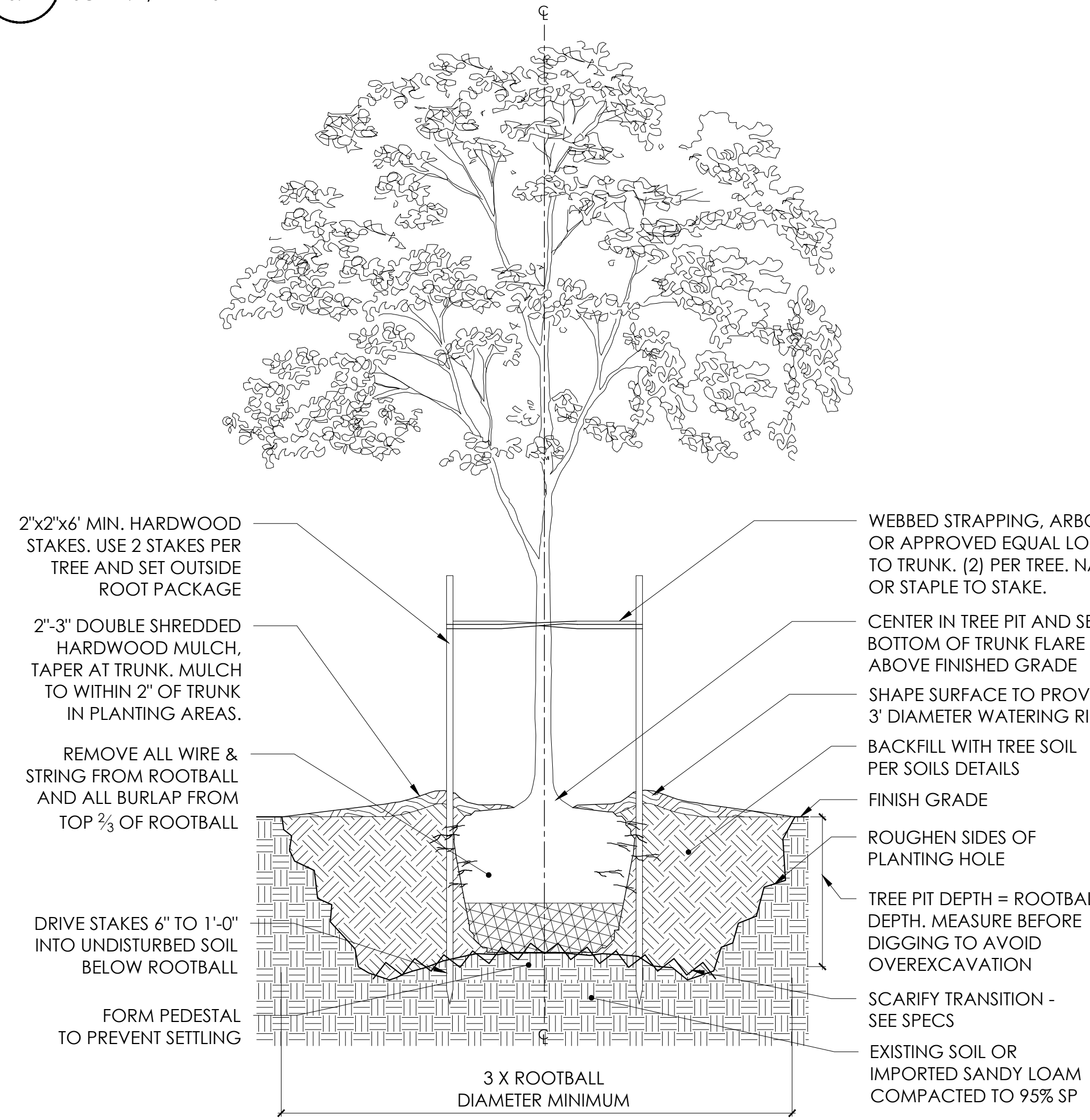
1
L6.10
TYPICAL PLANTING SOIL
SCALE: 1 1/2" = 1'-0"



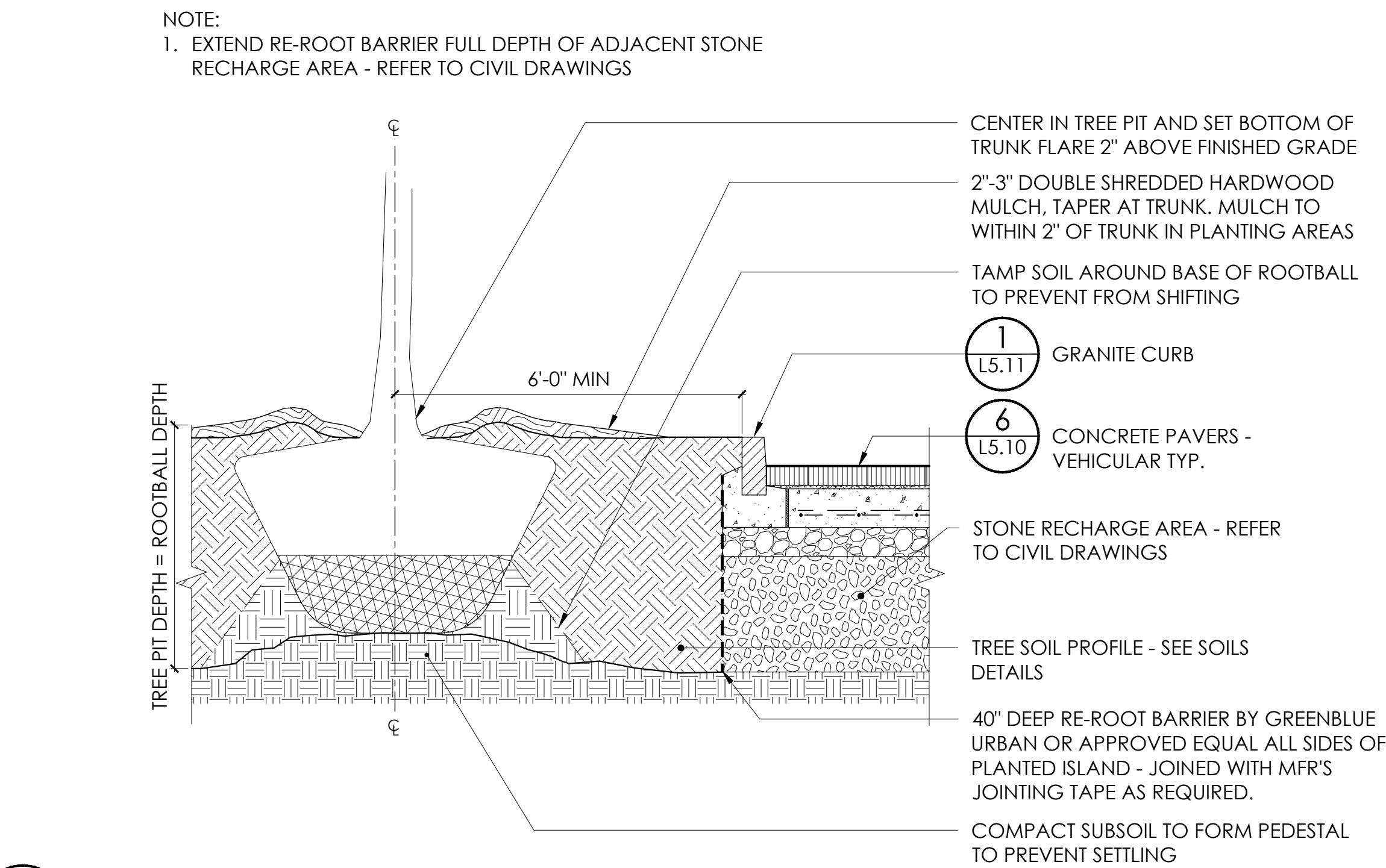
6
L6.11
PLANT SPACING PLAN
SCALE: 1/2" = 1'-0"



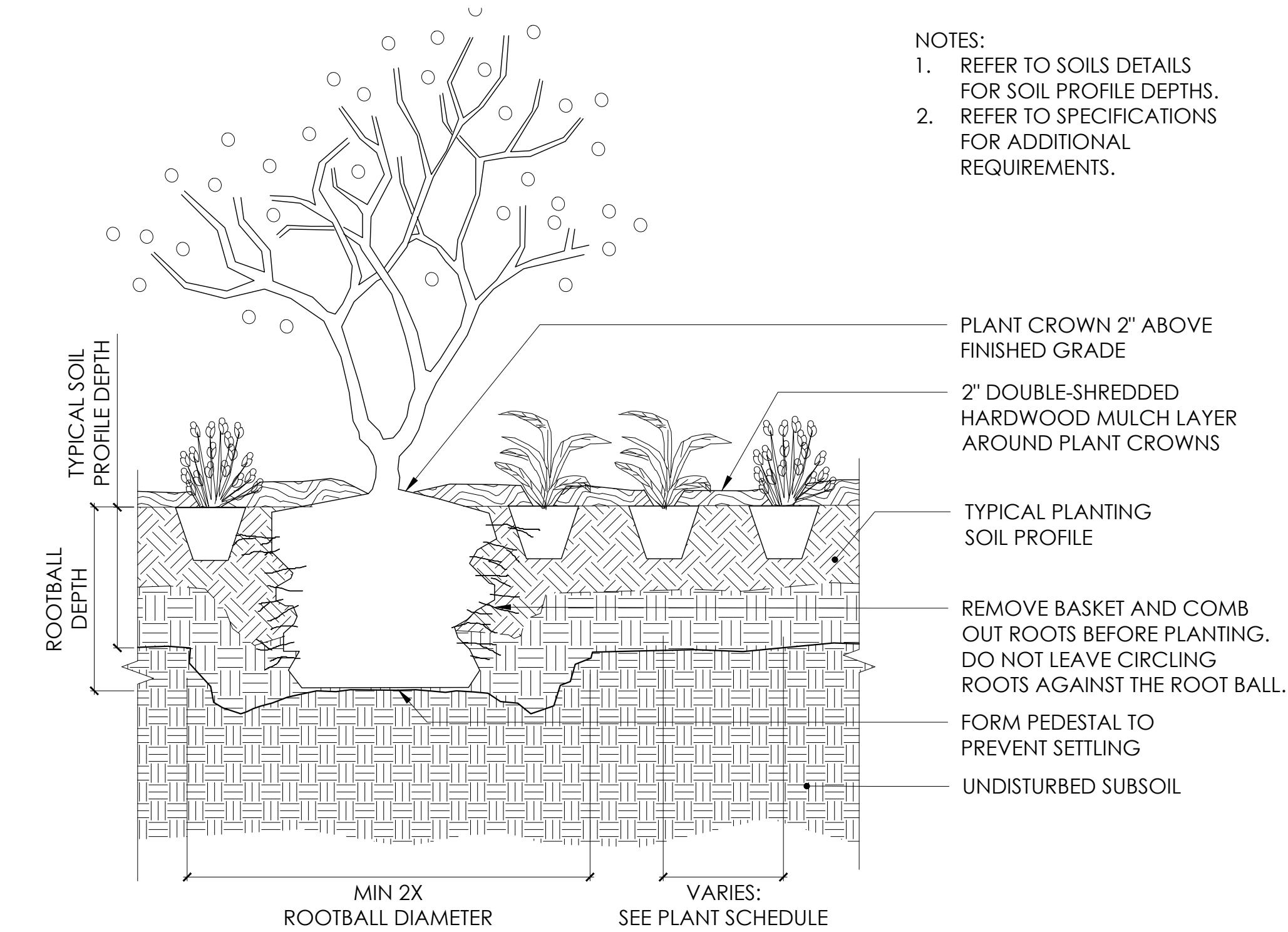
4
L6.11
SHRUB PLANTING - CONTAINER
SCALE: 1" = 1'-0"



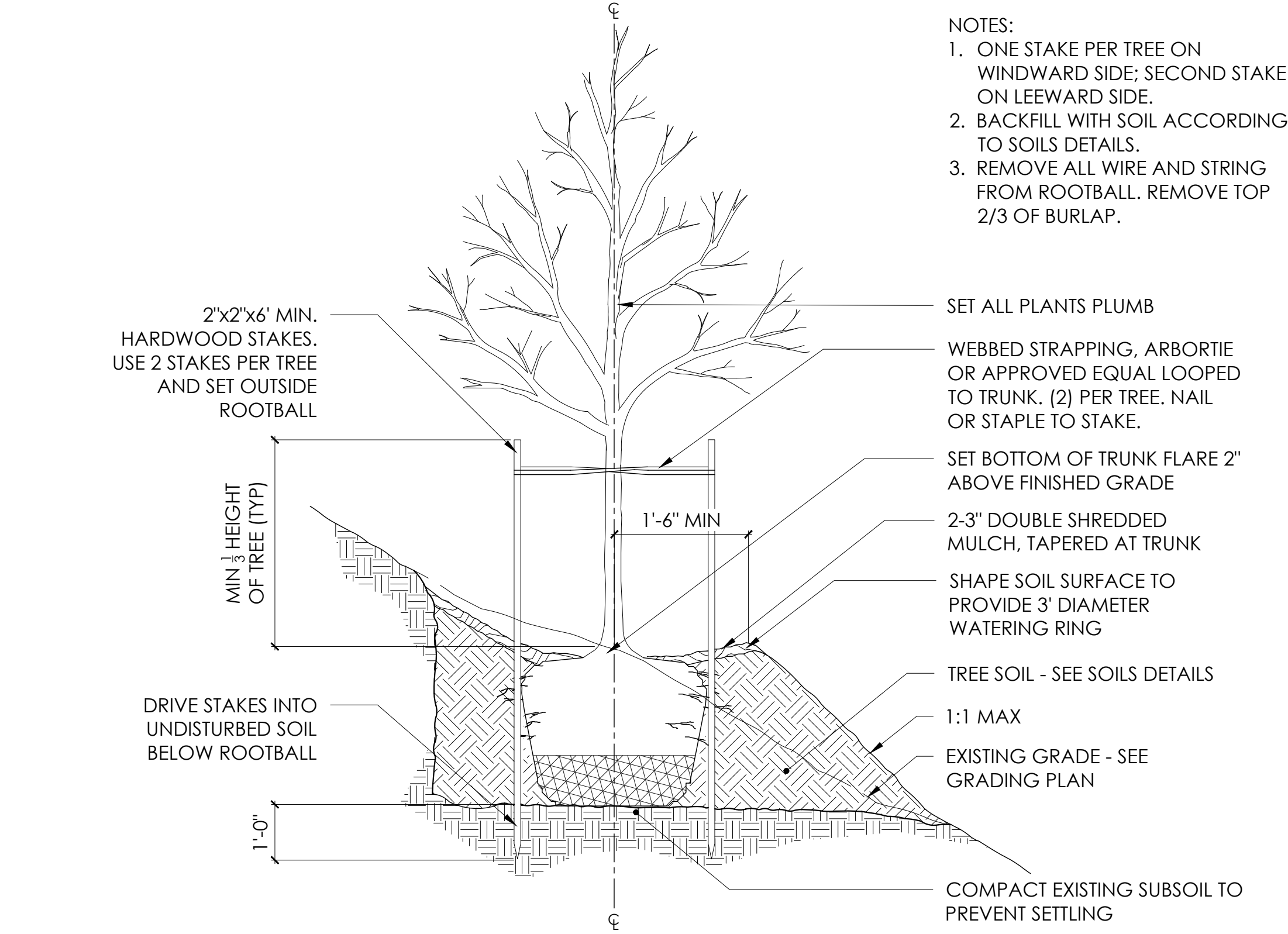
1
L6.11
TREE PLANTING - TYPICAL
SCALE: 1/2" = 1'-0"



2
L6.11
TREE PLANTING AT COURTYARD
SCALE: 1/2" = 1'-0"



5
L6.11
SHRUB AND PERENNIAL PLANTING
SCALE: 1" = 1'-0"



3
L6.11
TREE PLANTING ON SLOPE
SCALE: 1/2" = 1'-0"

- NOTES:
1. ONE STAKE PER TREE ON WINDWARD SIDE; SECOND STAKE ON LEEWARD SIDE.
 2. BACKFILL WITH SOIL ACCORDING TO SOILS DETAILS.
 3. REMOVE ALL WIRE AND STRING FROM ROOTBALL. REMOVE TOP 2/3 OF BURLAP.