



Agenda
Village of Glen Ellyn
Capital Improvements Commission Meeting
Tuesday, October 12, 2021
7:00 PM
Glen Ellyn Civic Center, Room 301

- A. Call to Order**
- B. Public Comment (Non Agenda Items)**
- C. Approval of Minutes**
 - 1) Motion to approve the September 14, 2021 Capital Improvements Commission Meeting Minutes
- D. Current Business**
 - 1) CBD SUI - Project Update
- E. Trustee's Report**
- F. Other Business**
- G. Public Works Report**
- H. Project Report**
 - 1) Engineering Project Report Dated October 8, 2021
- I. Adjournment**

DRAFT



Minutes
Village of Glen Ellyn
Capital Improvements
Regular Meeting
September 14, 2021
7:00 PM

Glen Ellyn Civic Center Room 301

Board or Commission: Capital Improvement
Meeting: Regular
Quorum: Yes

Date: September 14, 2021
Called to Order: 7:01 p.m.
Adjourned: 9:40 p.m.

MEMBER ATTENDANCE:

Steve Szymanski	Chairman	Present
Joel Baldin	Commissioner	Present
Adam B. Biggam	Commissioner	Present
Joshua J. Cattero	Commissioner	Present
Arthur F. Foerster	Commissioner	Present
Michael M. Lindquist	Commissioner	Present
Steve Neurauter	Commissioner	Absent
Jill Ziegler	Commissioner	Present
Rocco J. Zuccherro	Commissioner	Present
Bill Payne	Trustee Liaison	Present
Richard Daubert	Staff Liaison Professional Engineer	Present

Also Present:

Tom Topor	Senior Civil Engineer
Dave Buckley	Public Works Director
Elisa Pollina	Recording Secretary
Mike Folkening	Civiltech
Kristen Kowitowski	Civiltech

Public:

Dan Anderson	Historical Society

A. CALL TO ORDER

The September 14, 2021 meeting of the Capital Improvements Commission was called to order by Chairman Szymanski at 7:01 PM at the Glen Ellyn Civic Center.

B. PUBLIC COMMENT – None

C. ANNOUNCEMENTS – Chairman Szymanski introduces new commissioner Jill Ziegler. Commissioner Ziegler states she has 15 years of experience in municipal sectors and currently works at the Illinois Tollway. The CIC welcomes Ziegler to the commission.

D. APPROVAL OF MINUTES FROM AUGUST 10, 2021 MEETING

MOTION TO APPROVE MINUTES FROM AUGUST 10, 2021 CAPITAL IMPROVEMENTS COMMISSION MEETING

MOTION BY: Commissioner Lindquist

SECONDED BY: Commissioner Foerster

RESULT: UNANIMOUS APPROVAL

E. CURRENT BUSINESS –

1. *CBD Vehicular and Pedestrian Grade Separation of UP-West Railroad Line* – Engineer Daubert reports tonight we want to give the CIC a recap on the history of the CBD Vehicular and Pedestrian Grade Separation and share where the Village is at with it. Engineer Daubert reviewed the feasibility study completed in 2014. The study initially looked at 3 locations for an underpass (Park Blvd, Main Street & Prospect Avenue); and one location for an overpass (Lorraine to Western). Some of the initial findings of the grade separation were streets would have to be lowered by approximately 20' for the underpass and raised by approximately 20' for the overpass. Retaining walls, ranging in height from 2'-25', would be required in order to accommodate the grade differential. The Illinois Prairie Path would require a bridge at its crossings with the underpass alternatives. The overpass at Lorraine to Western would impact properties that would potentially be redeveloped in the future. The Village board reviewed the study and determined that the underpass at Park Blvd and Main Street were not feasible. They did ask staff to revisit the Prospect Avenue underpass and the Lorraine Street overpass. It was determined with the latest cost estimate of this project, approximately \$50M, there is too significant of a funding shortfall, even with \$12M in ICC Funding. In order to apply for additional funding we would have to further advance the engineering of this project. In summary, funding the project is a constraint and the project has not advanced beyond the feasibility study.

2. *Construction Materials Unit Price Report* – Chairman Szymanski asks about material costs. Engineer Daubert states steel is on the rise and some materials such as rubber

gaskets are hard to secure. In summary, we anticipate there will be significant construction material cost increases.

3. *CBD SUI Amendment No. 3, Hillside Parking Options, Traffic Study Update* – Engineer Daubert states Civiltech is here tonight to present to the CIC the justification of Amendment No. 3, an increase of \$339,897.78 to the contract.

Mike Folkening from Civiltech presents the Amendments and the justifications: Amendment #1. Folkening states at the time of Amendment No. 1 (\$134K), the project was a bit of a moving target. There were many factors still unknown when the draft list was provided to staff. The major unknowns were the overall timeline and phasing to accommodate the businesses during the Pandemic, Frida Kahlo, Civic Center, APEX, and the Train Station. The key considerations were the 30 additional scope items. The hours listed were a “snapshot” and not all inclusive.

Amendment No. 2 (\$10K) – This amendment was the Construction Animation video that was created to help explain the overall process to stakeholders and show examples on how access would be maintained.

Amendment No. 3 (\$339,897.78) Justification: Folkening states the Original Proposal was 1 Utility, 1 Streetscape, and 1 Resurfacing contract. When the pandemic hit that all changed. The scope now had 4 contracts with all elements combined in each. This is a benefit to the village from a project phasing perspective. The decision making process to date required extensive support for the linked meeting approach (Staff – CIC – Board) often required several iterations for each design feature. Final decisions were commonly revisited (examples include streetscape materials, tree selections, parking configurations, geometry /bump outs) resulting in continuous duplicative work. Additional items of justification include: Additional Streetlight System Design (Hillside, Prairie Path, etc.) • Anticipated coordination with CBD developments and Train Station project • Additional CIC, Stakeholder, and Board Meetings • Additional Revisions to Pennsylvania Ave Improvement Project • Additional Utilities Design and Coordination • Revisiting Parking Options /Geometry/ Traffic Studies and Future construction assistance and RFI's.

Folkening reviews the Design Fee Summary Projection and Comparison.

Engineer Topor adds in summary staff has gone back and forth with Civiltech and Civiltech has made several concessions and we were able to trim \$102,092.76 from the original request. We believe we came to a reasonable number (\$339,897.78). We want to complete the design work for phase 2 & 3. We have provided additional information in the memo. We will go before the Village Board to make the request for the additional funds. Engineer Topor asks the CIC if they have any questions.

Chairman Szymanski asks what we could have done better.

Folkening states in hindsight from the design team we should have given more real time updates. This was the most out of scope items in a project I have ever seen. There was a lot of uncertainty with this project. We were trying to be sensitive to the businesses so

they could function and we weren't thinking about showing a running tab.

Commissioner Baldin asks what the original contract budget was. Topor adds Phase 1,2,3,4 was \$26.6 million. Engineer Daubert states initially Civiltech's hours for the assignment were initially low. When we awarded Phase 2 from a high level perspective, we were comfortable with their hours as they had increased them accordingly. But we do think they should have communicated with us better and we do see the value in what they've done. We will need to see where the Board is with this. At the same time, we also don't want to lose momentum on completing the design work.

Trustee Payne asks is this a need for 2021. Engineer Daubert replies it's for 2022. We have enough funds to get through the end of the year. The additional funds would be needed for next year.

Commissioner Foerster asks have we identified anything staff could have tracked better. Engineer Daubert states Tom and I discussed this, but we believe the onus was on Civiltech to provide earlier notice. Having said that, we did spend a lot of time on materials and parking including revisiting decisions. Staff could have done a better job of explaining that if we keep revisiting decisions, additional costs will be incurred.

Trustee Payne states we are not close to the budget. We need to know if changes need to be made, it will cost more. We all need to be more transparent.

Commissioner Foerster asks what changes to procedures we are doing to make sure this doesn't happen again. Folkening states we have been spending time with staff and we will be tracking it closer.

Trustee Payne adds we still need to have healthy debates, but we need to know what the cost is to the budget to make revisions. Every decision has ramifications and one component is cost. The only other way to work it is to work with Board members prior and individually before bringing items before the board so decisions can be made at the board meetings.

Chairman Szymanski adds we as a commission need to be clear with the board on what the changes will cost. We need to sell this before we bring it to the Village Board.

Folkening adds the number of changes that took place were continuously in flux.

Engineer Daubert adds, there are opportunities to empower staff to make decisions going forward as to minimize changes and additional engineering expenses.

Hillside Parking Options – Engineer Topor reports we've been asked to reinstate parking on the south side of Hillside as part of the project. The design team is looking to see how much parking we can reinstate. However we do have utility poles that are in the way. The options are as follows:

Option 1: Keep utility poles where they are and create 7 parking spaces

Option 2: We could move the poles over and it would allow for 11 spaces

Option 3: Put the utility lines underground and remove the poles and this will provide 11 parking spaces. The cost for ComEd to do the work would be about \$300,000. There would be additional costs for the other overhead utilities which we don't know at this time but could be on the same order of magnitude. We would need to get a decision from the Village Board on this.

Engineer Daubert asks the CIC for their input on the parking options.

Commissioners Biggam, Cattero, Foerster, Lindquist, Ziegler, Zuccherro and Chairman Szymanski support Option 1.

Commissioner Baldin supports Option 1 but encourages the Village to look at Option 3 as a future project.

Traffic Study Update: Engineer Topor reports we completed the plan of what it will look like on Crescent and Main. Civiltech will be able to analyze the data and present the findings. The study will start on September 27 and will last 4 weeks. The data collected will help us determine what we will do with that intersection.

Trustee Payne adds in doing this study we made the assumption that people would be back to work, but that is not the case. So will this traffic study be accurate?

Engineer Daubert states we did discuss this constraint as well as the constraint that the drop off and pickup improvements associated with the train station project will not be in place. Commissioner Lindquist notes that by doing the study now, perhaps it will demonstrate if there are any issues.

F. TRUSTEE'S REPORT – Trustee Payne reports that the Village Board approved the 2012 and 2015 bond refunding. We voted to amend the voting code to prohibit cannabis; it was a 4-2 vote. There was a discussion at the meeting regarding the District 41 protest and the kids going to Forest Glen. There was a lot of discussion with concerned parents. The question is what can we do legally that doesn't infringe on their freedom of speech. There will be a meeting with the Village attorney and School District attorney to discuss this.

G. OTHER BUSINESS – Engineer Daubert reports that prior to the onset of Covid, CIC attendance had been low, but as of recent, especially with remote participation, we are regularly having a quorum. The commission does not allow for remote participation, but I have asked if we could allow remote participation to continue. We could put together a recommendation if that is something we would like to see happen.

Public Works Director Buckley states it is Village code to allow remote participation, but there must be a quorum present in order to allow it.

Commissioner Foerster states he would like for remote participation to be allowed. Commissioner Biggam agrees and thinks that changing the bylaw would help. He advocates pushing for remote participation due to Covid. Commissioner Lindquist agrees and reports that the school board is full remote. Commissioner Cattero states Covid aside I would also push for remote participation. Chairman Szymanski states based on the feedback tonight, we need to become more flexible with remote

participation.

H. PUBLIC WORKS REPORT – Public Works Director Buckley reports that we still have 4 vacant positions. We hope to have 3 out of the 4 positions filled by the end of the month. The Customer Request System is going well. We used to average 75 requests per year; so far with the new system we have already received 50. We are working to get a contractor for snow removal for the Civic Center parking garage.

I. PROJECT REPORT – Engineer Daubert reports that the contractor on the Utility and Roadway Improvements project is close to completing the underground utility work. The reconstruction of Ridgewood Avenue is delayed. We are in constant communication with the residents. We are still working on water main installation west of Lorraine. Regarding the Train Station/Underpass, we are reviewing the ability to pursue early acquisition of the property.

CBD Streetscape - Engineer Topor reports we are reviewing the landscaping plans. We are continuing to push forward on the purchase of trees. Engineer Daubert adds, Nicor came to us wanting to replace the gas main on Main Street and Duane Street this fall. We pushed them back to next year to better coordinate with streetscape construction and minimize business impacts. We are also working with other utilities to do their work next year as well. The Pavement Management Plan will be brought before the CIC and Village Board for a formal presentation in October or November.

J. ADJOURNMENT – Commissioner Baldin motions and Commissioner Biggam seconds to adjourn the meeting. The meeting was adjourned at 9:40 p.m.

The next meeting is scheduled for October 12, 2021

Submitted by Elisa Pollina, Recording Secretary

Reviewed by Richard Daubert



**Glen Ellyn Capital
Improvements Commission**
535 Duane Street
Glen Ellyn, IL 60137

Meeting 10/12/2021 7:00 PM
Department: Public Works
Department Head: Dave Buckley
Category: Discussion Item
Prepared By: Rich Daubert

**AGENDA ITEM (ID # 2021-
1516)**

DOC ID: 2021-1516

CBD SUI - Project Update

Statement of the Issue:

Please see the attached memorandum and its associated attachment pertaining to this agenda item.

Analysis:

Budget Impact:

Action Requested:

Attachments:

1. CBD SUI - Project Update
2. Pre-Final Plans for Landscaping and Streetscape Related Items



MEMORANDUM

TO: Capital Improvements Commission

FROM: Rich Daubert, Professional Engineer
Tom Topor, Senior Civil Engineer

DATE: October 8, 2021

RE: CBD Streetscape and Utility Improvements
Project Update

INTRODUCTION

The purpose of this agenda item is to provide an update to the CIC on status of some of the most pertinent items related to the Streetscape and Utility Improvements.

- Update on September 20th Village Board Workshop discussions
- Status of Pre-Final Plans
- Phase 1 - Bidding and Award Schedule
- Overall construction sequence
- Procurement of parkway trees for the project

BACKGROUND

Update on items discussed at the September 20th Village Board Workshop

An agenda item describing options for Hillside Ave on-street parking and the approach to existing overhead utility lines was discussed by the CIC and Village Board last month. At the September 20th Village Board Workshop, staff presented three options for addressing the existing utility poles along the south side of Hillside Avenue. The CIC's recommendation to proceed with Option 1 – No pole relocation, was presented along with the condition that undergrounding would be preferred if additional funding becomes available. The Village Board took in all the information and directed staff to pursue the undergrounding option and to explore ComEd's Rider LGC (Local Government Compliance Adjustment) to pay for the improvements. Rider LGC would allow for distribution of the undergrounding costs among all Glen Ellyn customers over a short payback period. Staff is coordinating with ComEd's Exterior Affairs Manager on the details of this arrangement. If the Village was to pursue the Rider LGC, it would need to adopt an ordinance requesting ComEd to proceed with the undergrounding of the distribution wires and utilizing a Rider LGC to recapture the costs of such improvements.

Staff also presented on specifics of the engineering traffic study at Main and Crescent and the CIC's recommendations to proceed with the study on eliminating the right turn lanes at the west and north legs of the intersection. The Village Board deliberated on the topic and ultimately did not feel comfortable eliminating the lanes, regardless of what the traffic study might have yielded. In light of that direction, any further work on the traffic study was terminated and design will proceed with the right turn lanes in place.

Status of Pre-Final Plans

Detailed design of the first phase of the streetscape and utility improvements project had made good progress in the past month. On September 28th, Civiltech Engineering submitted Pre-final Plans, Specs and an updated Cost Estimate for the Village's review. The plans include proposed improvements for Duane Street from Prospect to Forest, Main Street from Hillside to the Union Pacific Railroad tracks, and Hillside Avenue from Glenwood to approximately 200 feet east of Main, and generally include plan and profile, grading plans, detailed maintenance of traffic plans, erosion control, utility plans, pavement marking, signage, landscaping, irrigation, and streetlight plans. The sections of the plans depicting the proposed site materials (street furniture), landscaping, and irrigation are included as an attachment for the CIC's reference. We welcome any comments that Commissioners may have on the plans.

Design and Bidding Schedule

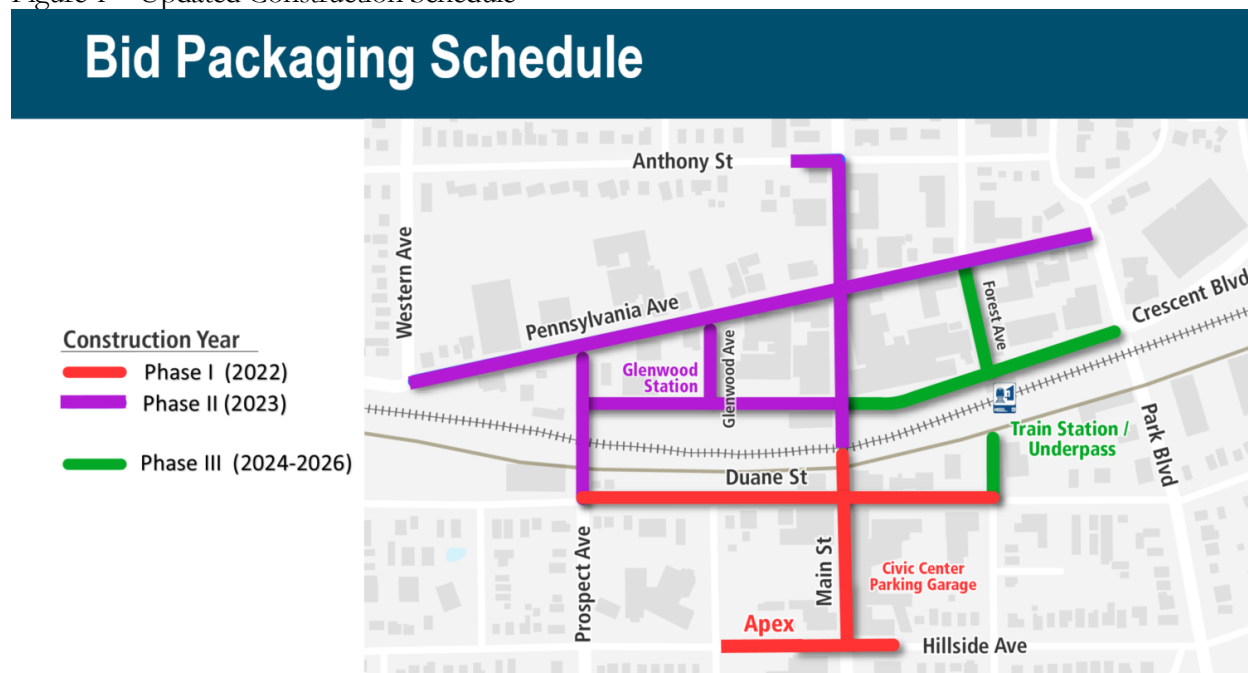
Staff will be providing comments on the prefinal plans to Civiltech by October 19th. It is anticipated that the plans will be finalized by the Thanksgiving Holiday, at least to a point where the project can be released for bidding by early December. Given the Holidays, staff is recommending that Contractors be given at least 5 weeks to prepare bids for the project. This would put the bid opening date towards early to mid-January. Bids would then be thoroughly reviewed; assuming a favorable low bid is received for the project, it would be presented to the Village Board for consideration of approval in late January/early February. Concurrent with the letting of the construction contract, staff will also solicit proposals from engineering firms to assist with construction oversight of the project. Weather permitting, construction is tentatively anticipated to begin the second week of March.

The design work will continue on Phase II of the project, with pre-final plans anticipated in June of 2022, and final plans in September 2022. The appropriate timeline for construction of Phase II of the project, including the potential inclusion of additional streets, will be closely evaluated as the design is finalized.

Overall construction sequence

The bid packaging has been consolidated to three separate phases. This approach reduces the number of bid packages i.e. reduces the design costs, and also matches the anticipated completion of Glenwood Station development. The construction phasing is anticipated to be match the design phases.

Figure 1 – Updated Construction Schedule



Procurement of parkway trees for the project

PW issued a Request for Proposals for Furnishing of Parkway Trees for the Central Business District Streetscape and Utility Improvements project. The proposals from qualified tree nurseries will be accepted until October 14, 2021. This contract(s) will furnish up to 246 shade trees of specified varieties and will be planted in accordance with the anticipated stages of construction. The desired tree sizes at the time of planting are included in the RFP and generally consist of 4" caliper (trunk diameter measured at 5" above ground) with maximum root ball diameter of 48". The RFP also includes a provision for 13 large caliper trees (mostly 8" caliper)

Up until today, the RFP was issued to 14 Illinois nurseries. Staff anticipates entering into contracts with more than one nursery as a single nursery will likely not be able to supply all the listed species of trees. Subsequently, staff will visit the nurseries and tag the selected trees. First phase of tree planting will occur upon completion of Phase I construction; i.e. in the fall of 2022.

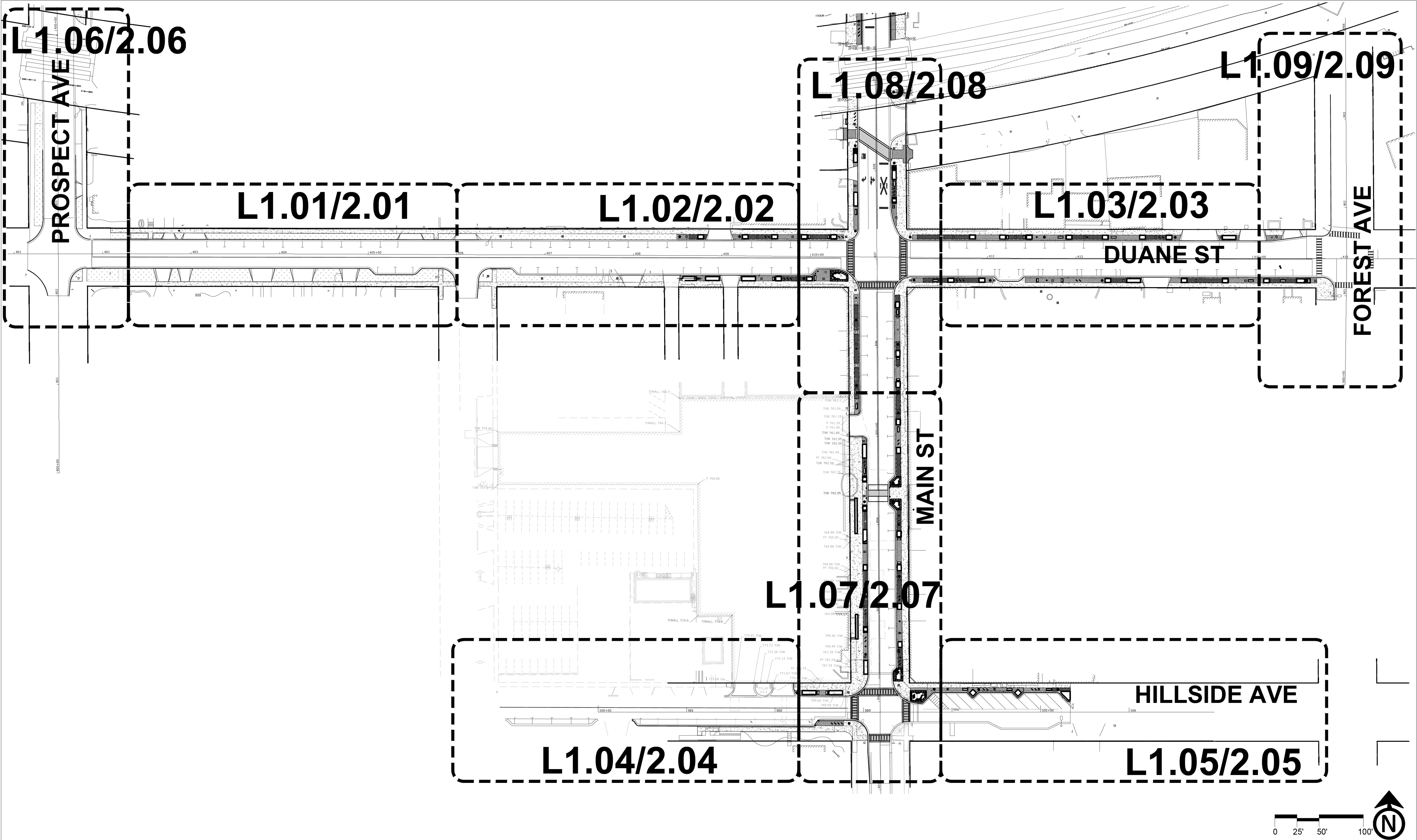
ACTION REQUESTED

The memo is intended to provide an update on the project. Staff respectfully requests input on the following item:

- Review of the attached landscaping and streetscaping plans. Staff welcomes any comments and input at the meeting or subsequent to it. Village's comments will be compiled and provided to Civiltech by October 19th, 2021.

Attachments

1. Pre-final plans for landscaping and streetscape related items.



Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

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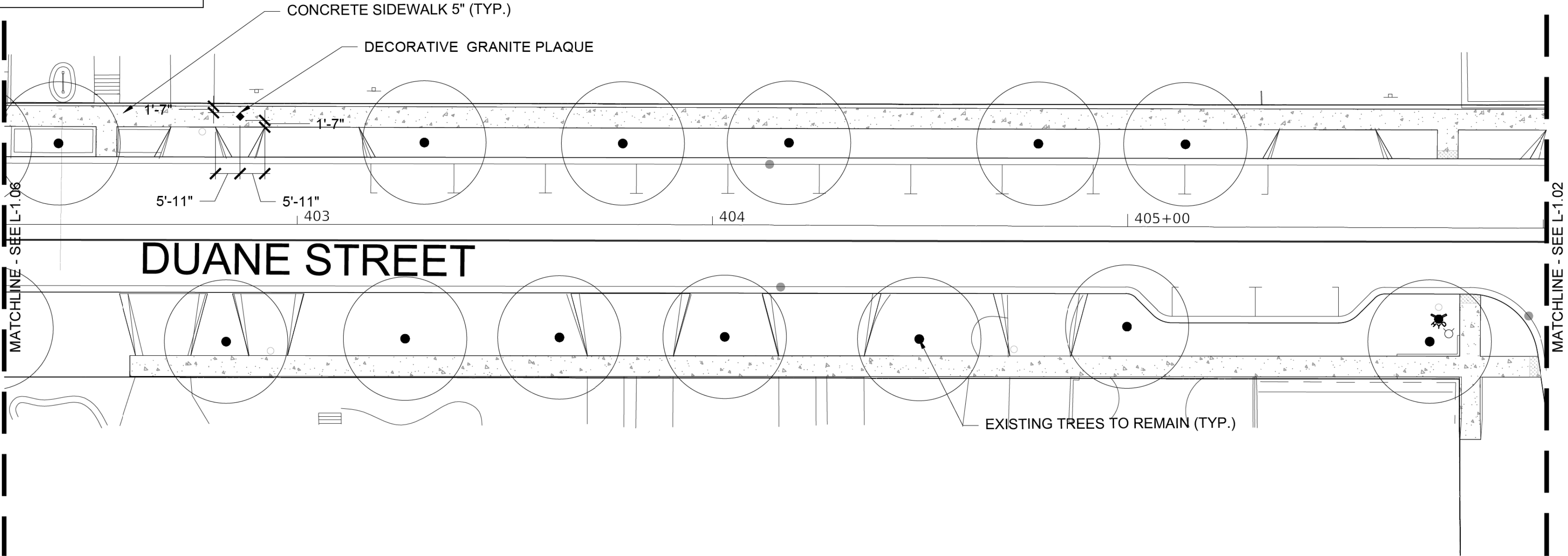
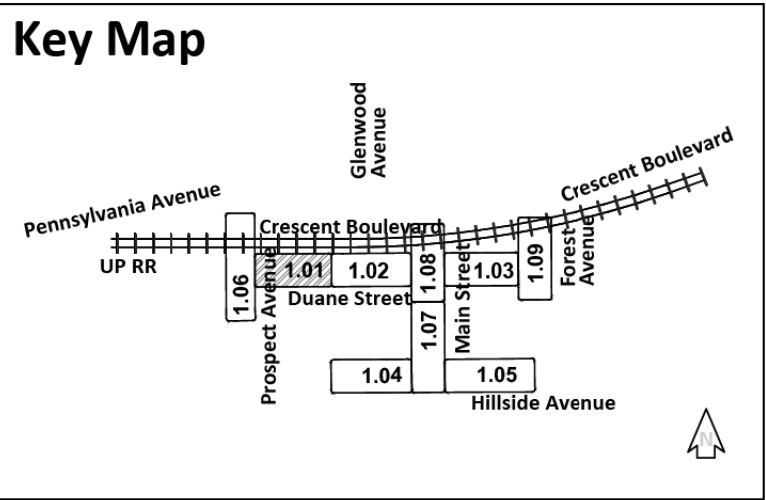
LANDSCAPE PLANS - KEY MAP

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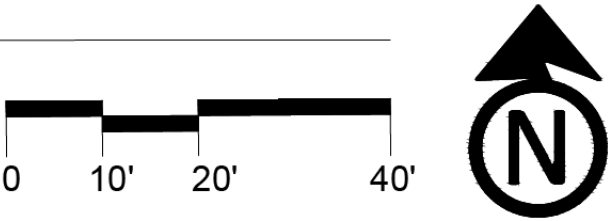
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01 SITE MATERIALS AND LAYOUT PLAN
1" = 20'-0"



LEGEND

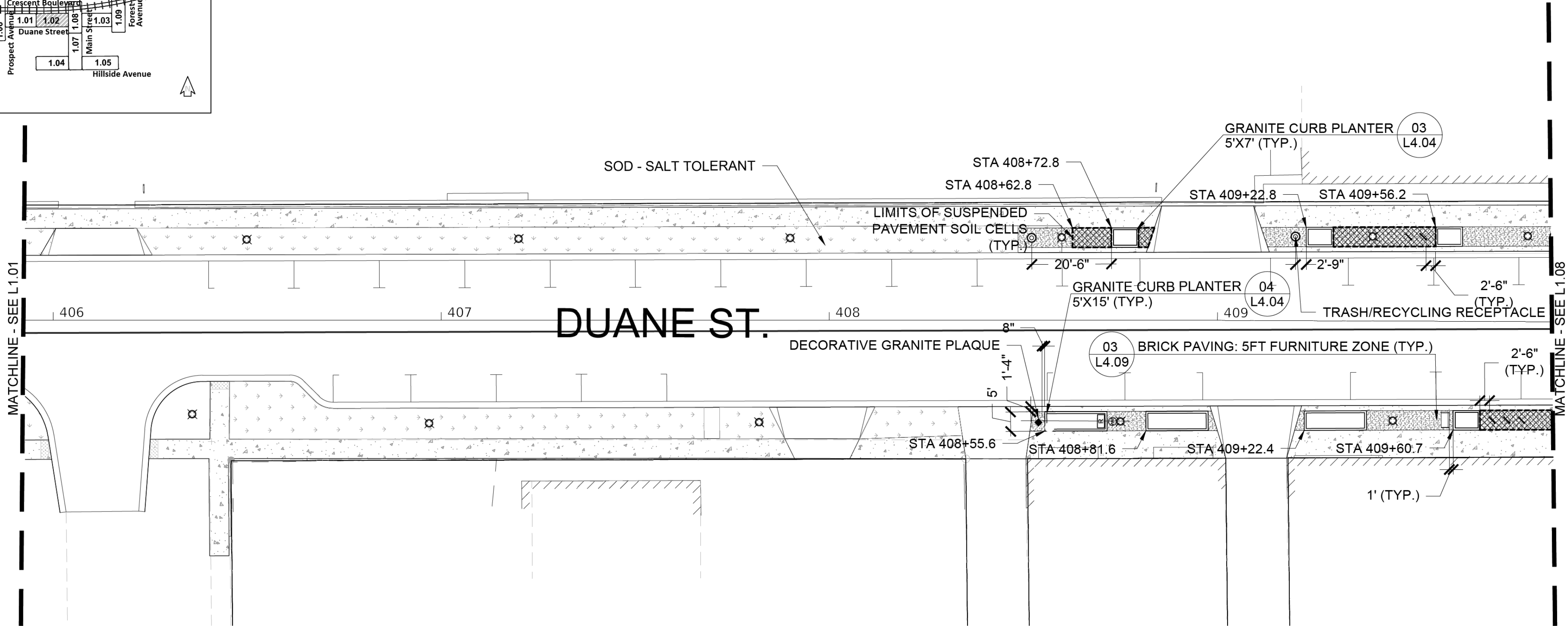
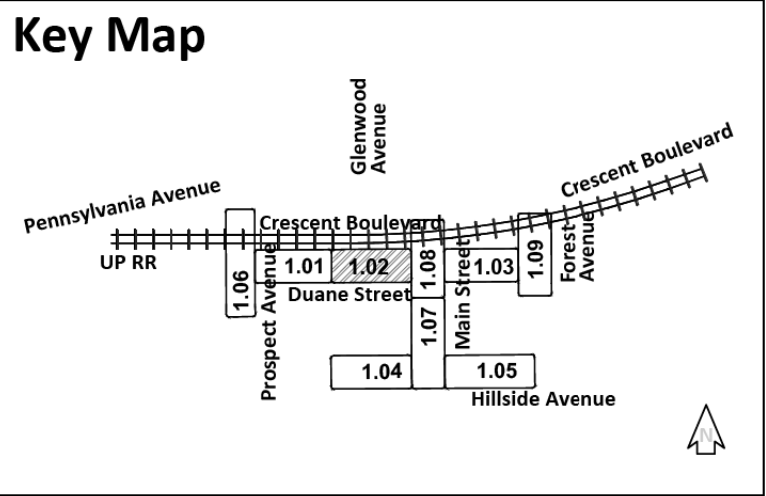
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	LIMITS OF SOIL CELLS
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	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ WITHIN ENCLOSURE
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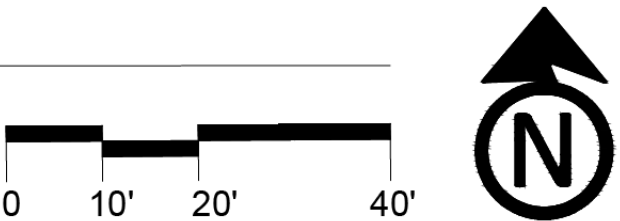
 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED — PJH	REVISED —	VILLAGE OF GLEN ELLYN	SITE MATERIALS LAYOUT PLAN DUANE STREET - WEST	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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01 SITE MATERIALS AND LAYOUT PLAN
1" = 20'-0"



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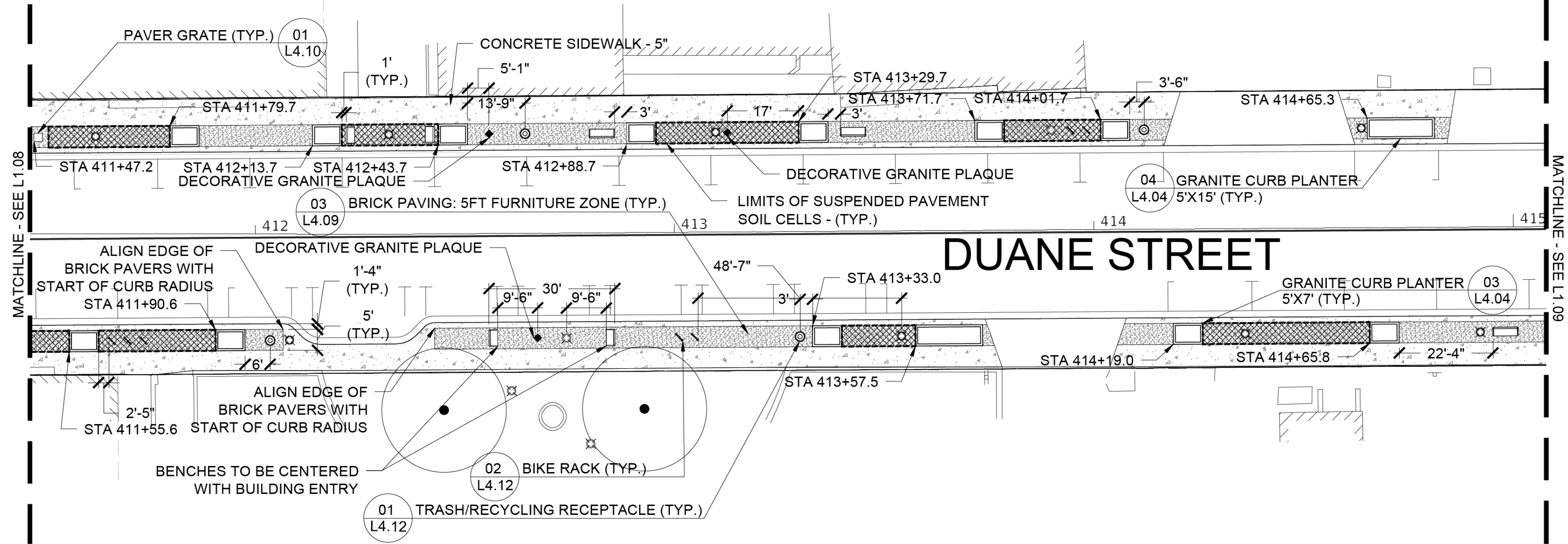
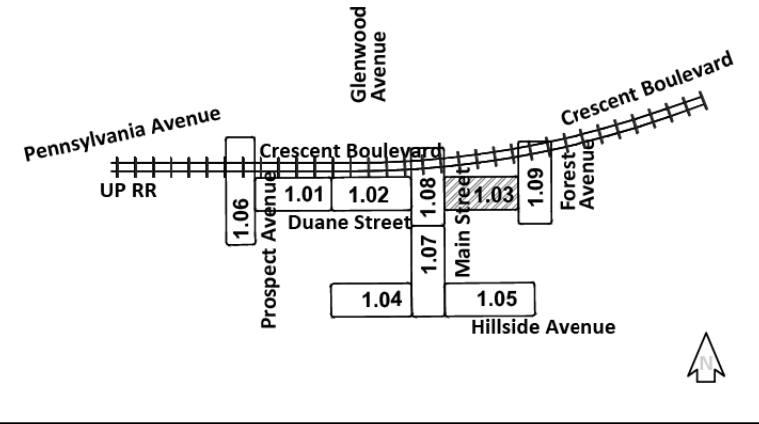
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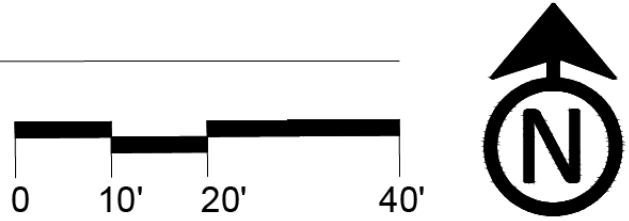
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Key Map



01 SITE MATERIALS AND LAYOUT PLAN
1" = 20'-0"



LEGEND

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	BRICK PAVING
	LIMITS OF SOIL CELLS
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Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
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VILLAGE OF GLEN ELLYN

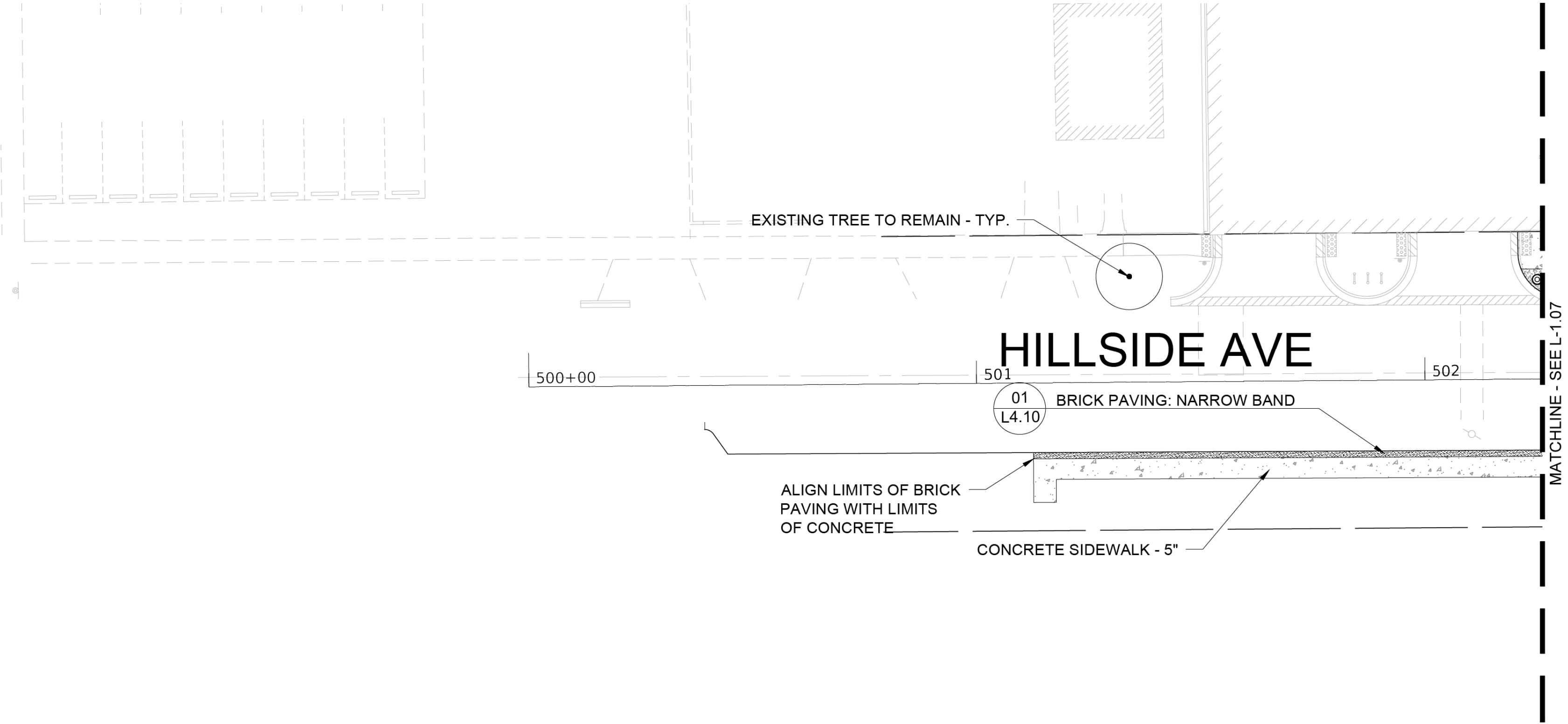
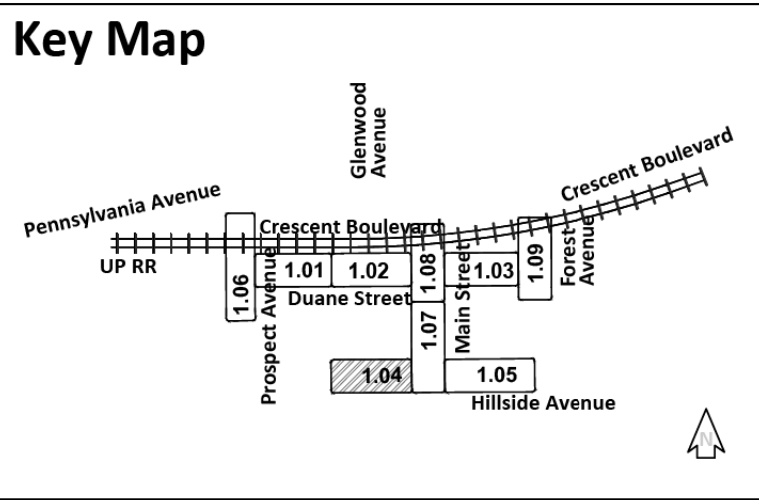
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Two Pierce Place, Suite 1400
Itasca, Illinois 60143
Tel: 630.773.3900 Fax: 630.773.3975
www.civiltechinc.com

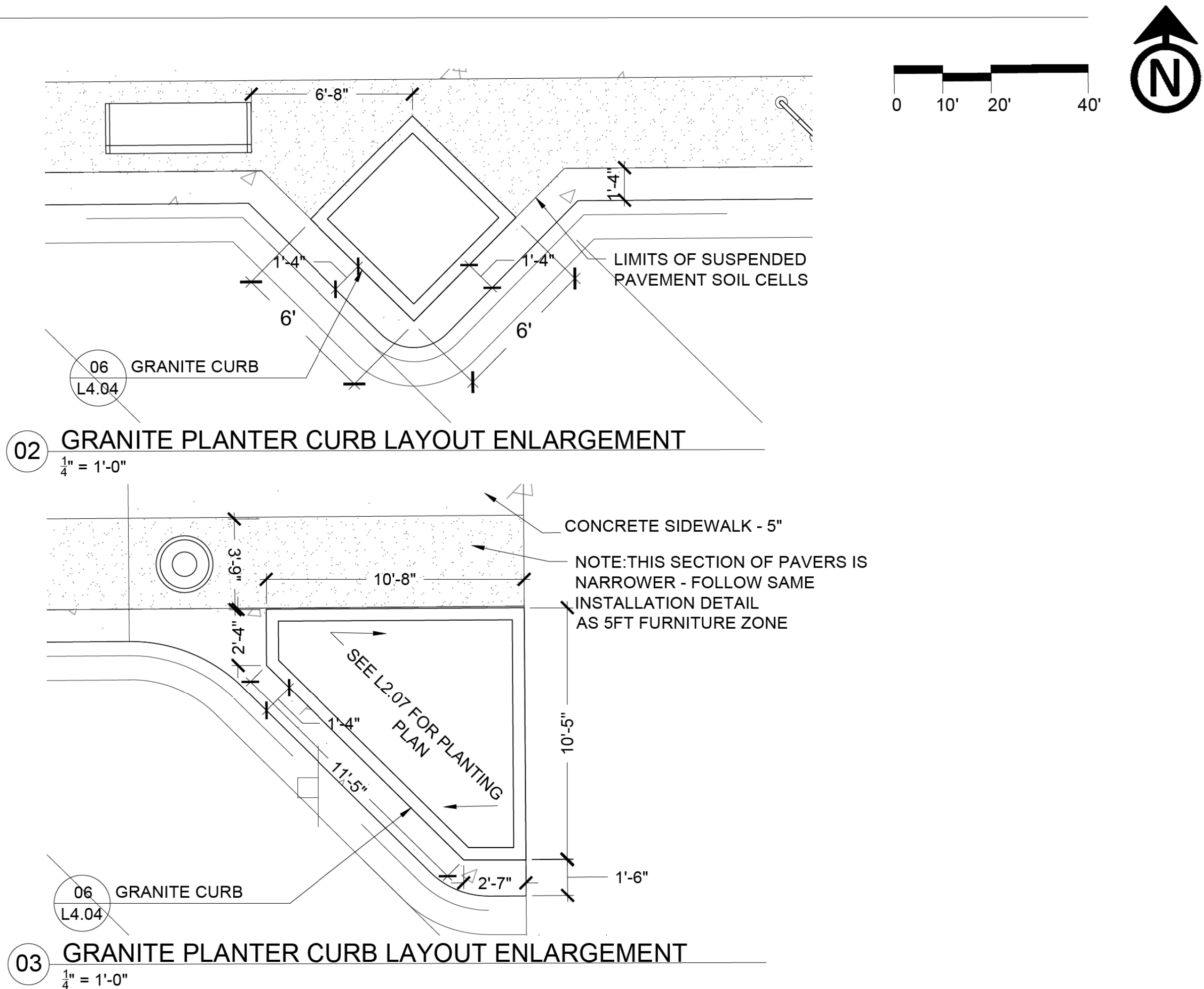
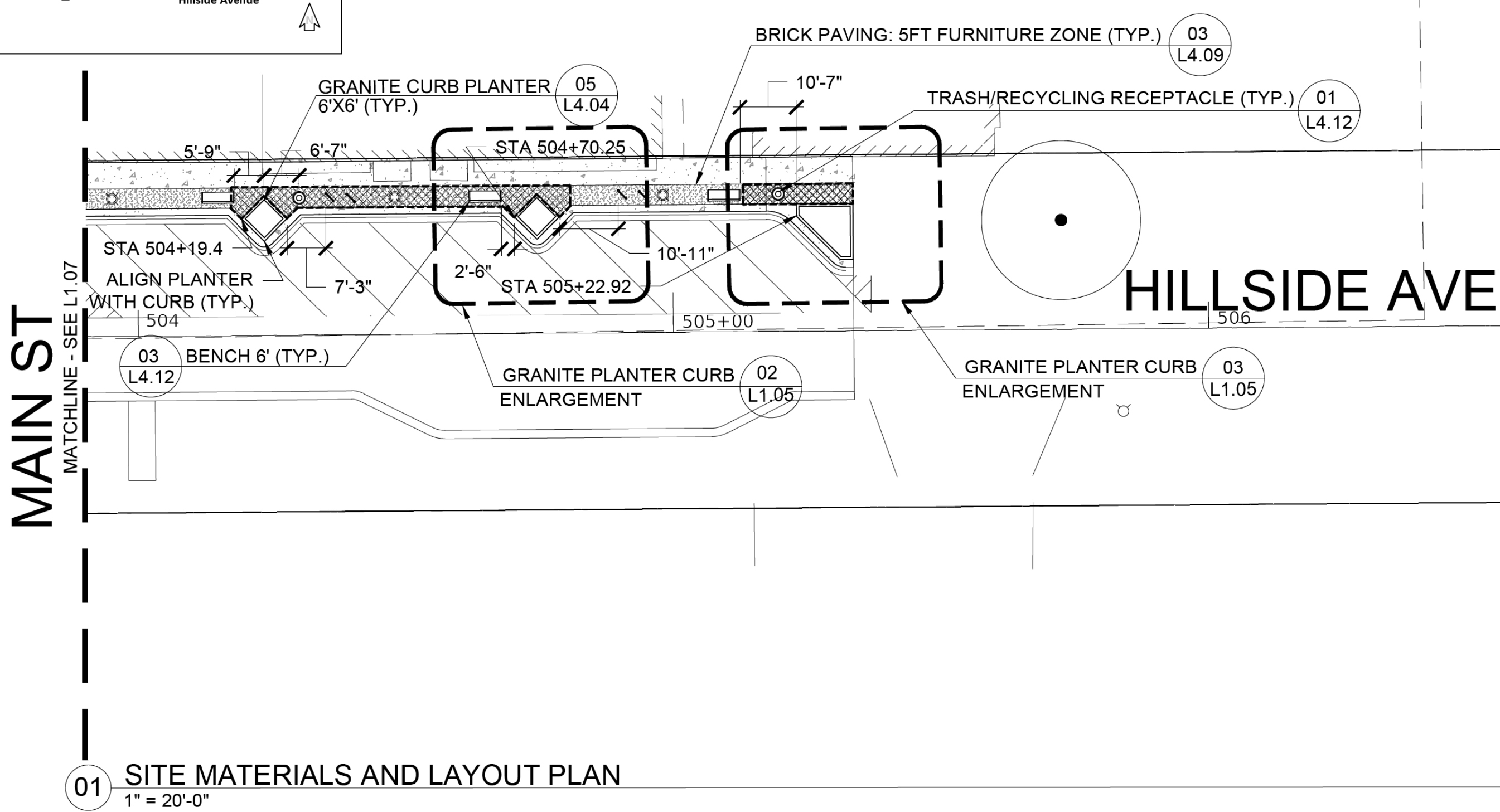
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VILLAGE OF GLEN ELLYN

SITE MATERIALS LAYOUT PLAN
HILLSIDE AVE - WEST

SITE MATERIALS LAYOUT PLAN HILLSIDE AVE - WEST					F.A.U. RTE.	SECTION		COUNTY	TOTAL SHEETS	SHEET NO.
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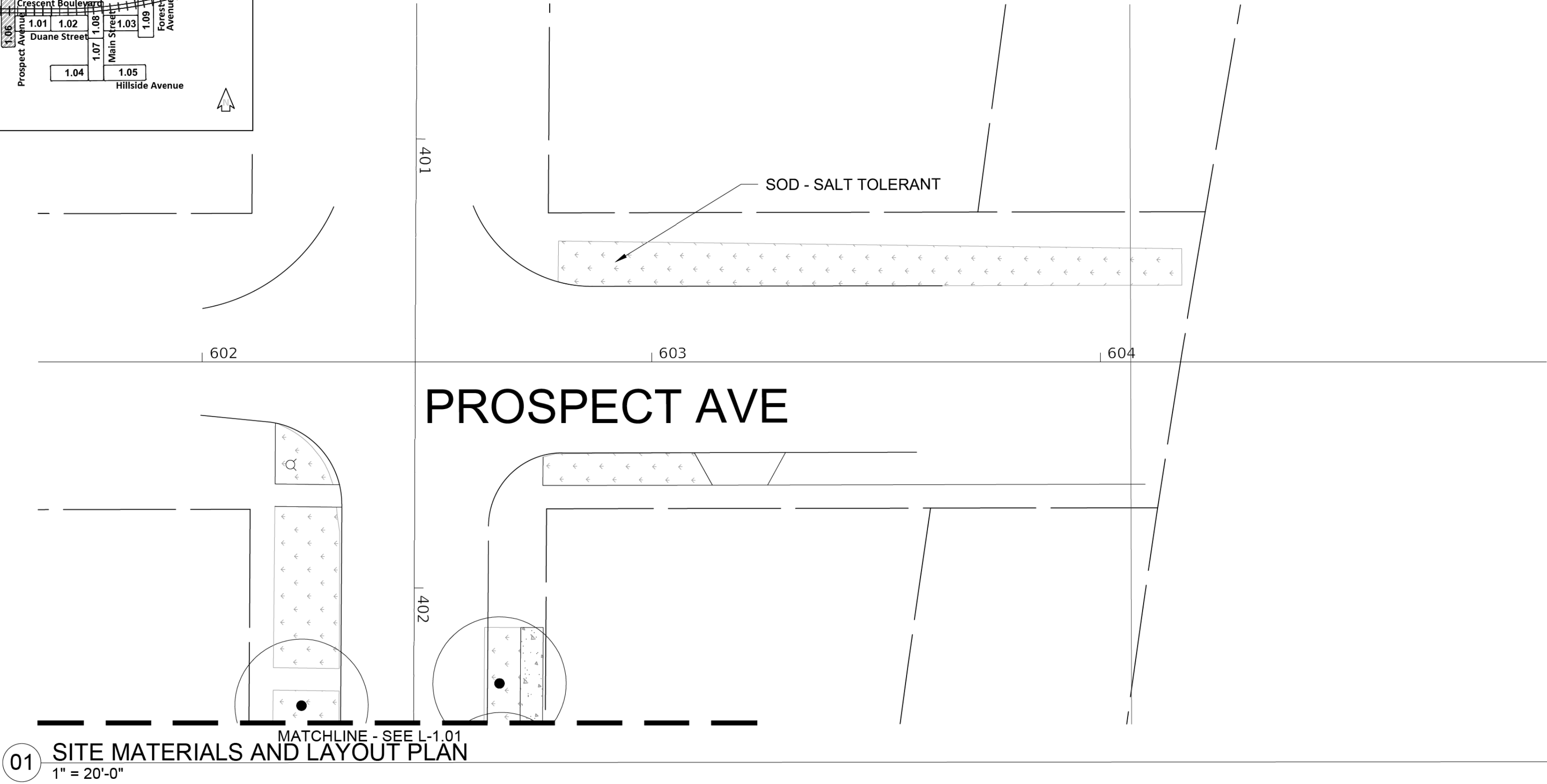
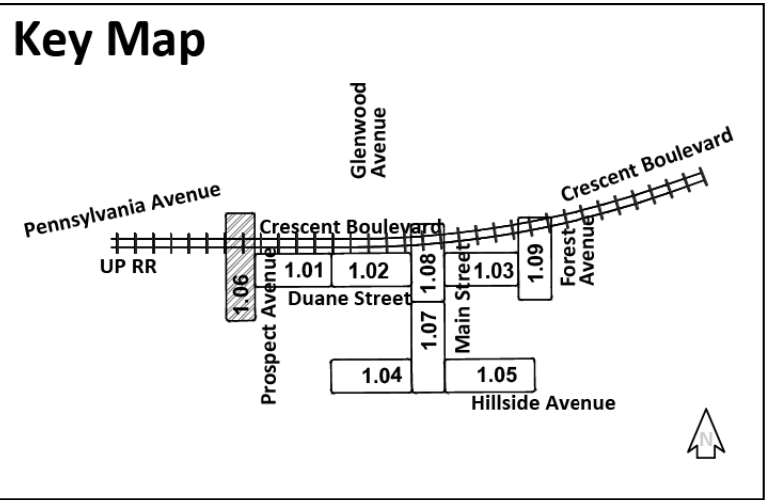
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	NO. _____		



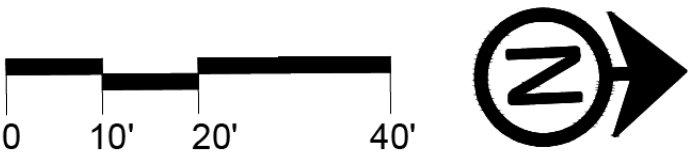
LEGEND	
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ WITHIN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



01 SITE MATERIALS AND LAYOUT PLAN
1" = 20'-0"



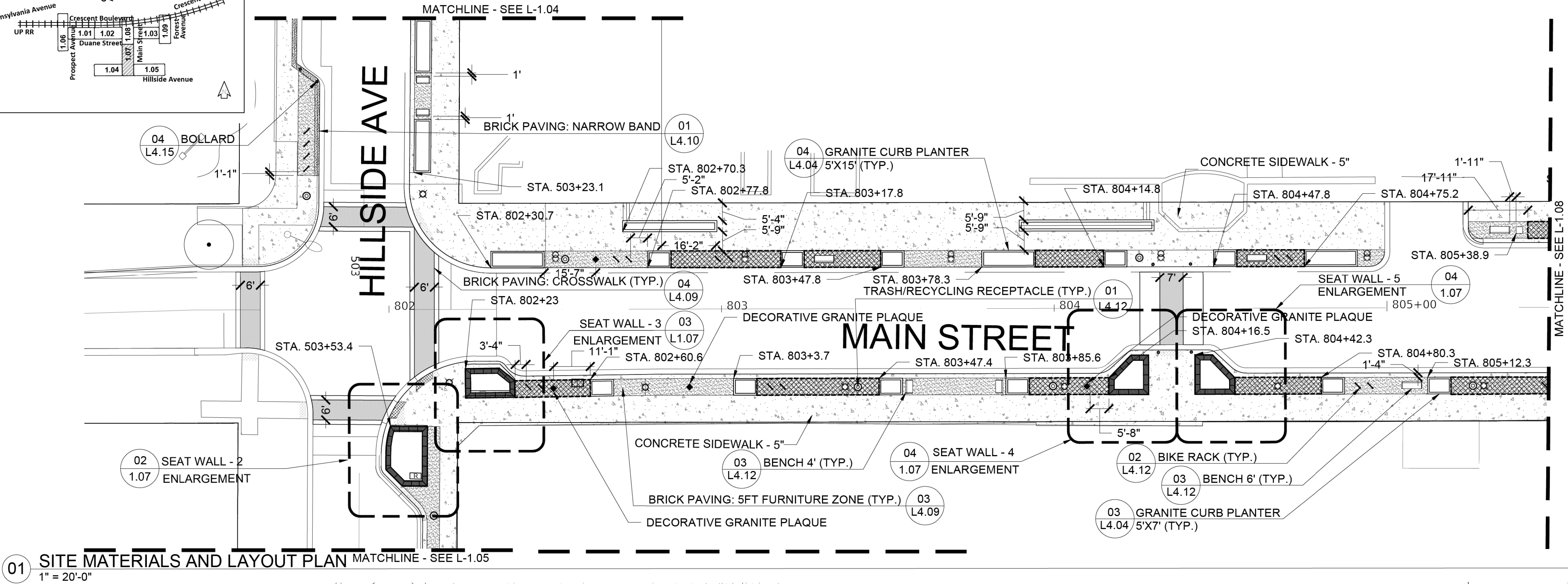
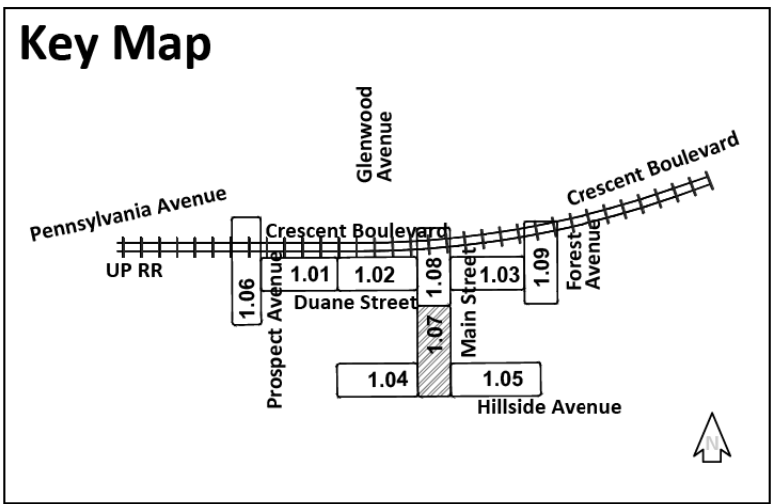
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	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ WITHIN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-1.06

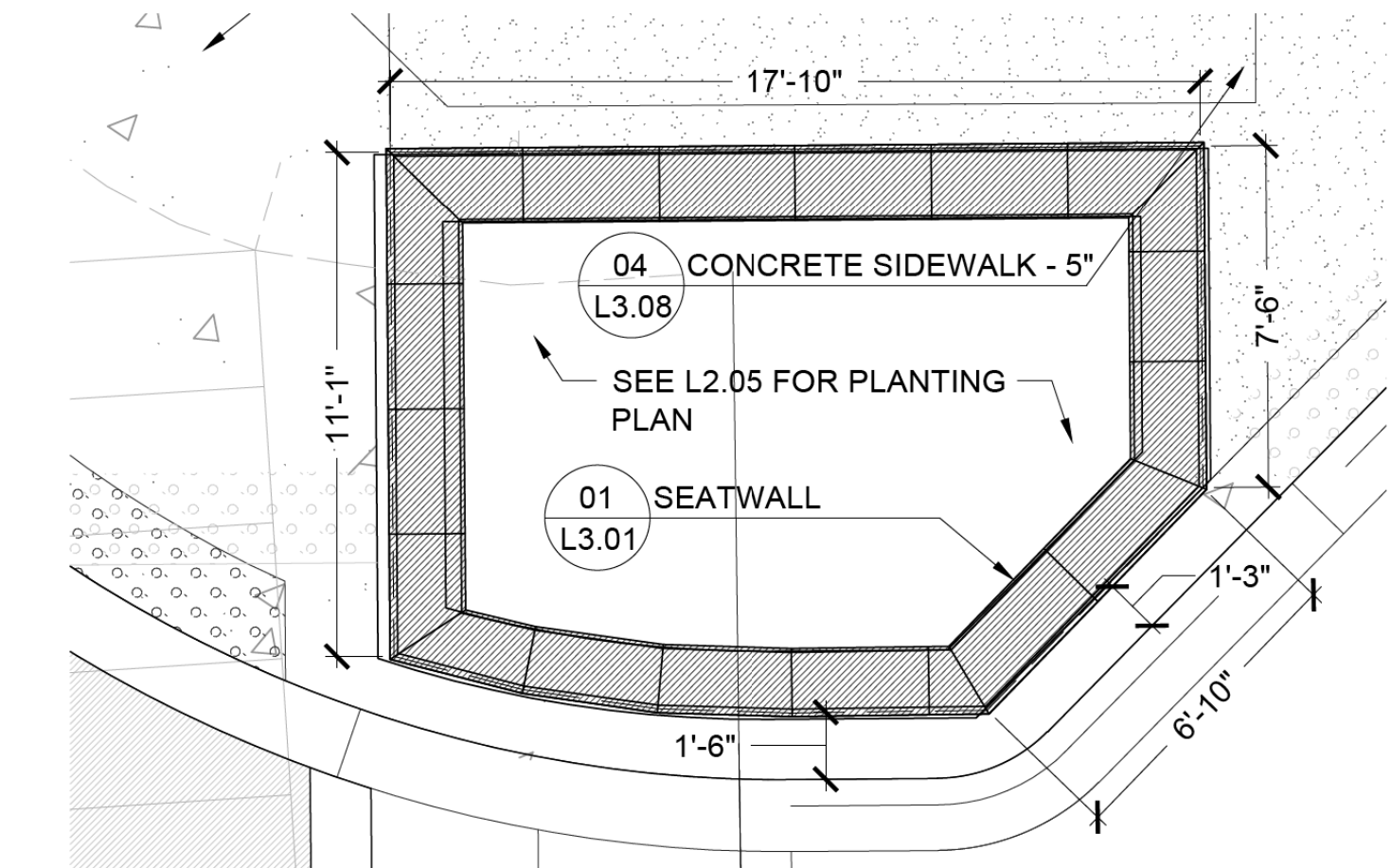
DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
FINAL		SURVEY	NOTE BOOK	NO.	

DATE	BY	SURVEYED	PLOTTED	TEMPLATE	AREAS CHECKED
ORIGINAL		SURVEY	NOTE BOOK	NO.	

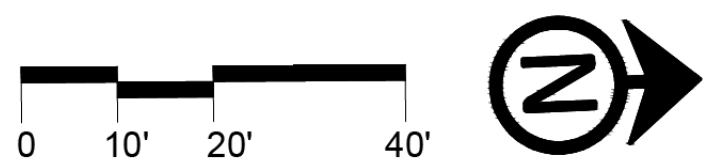
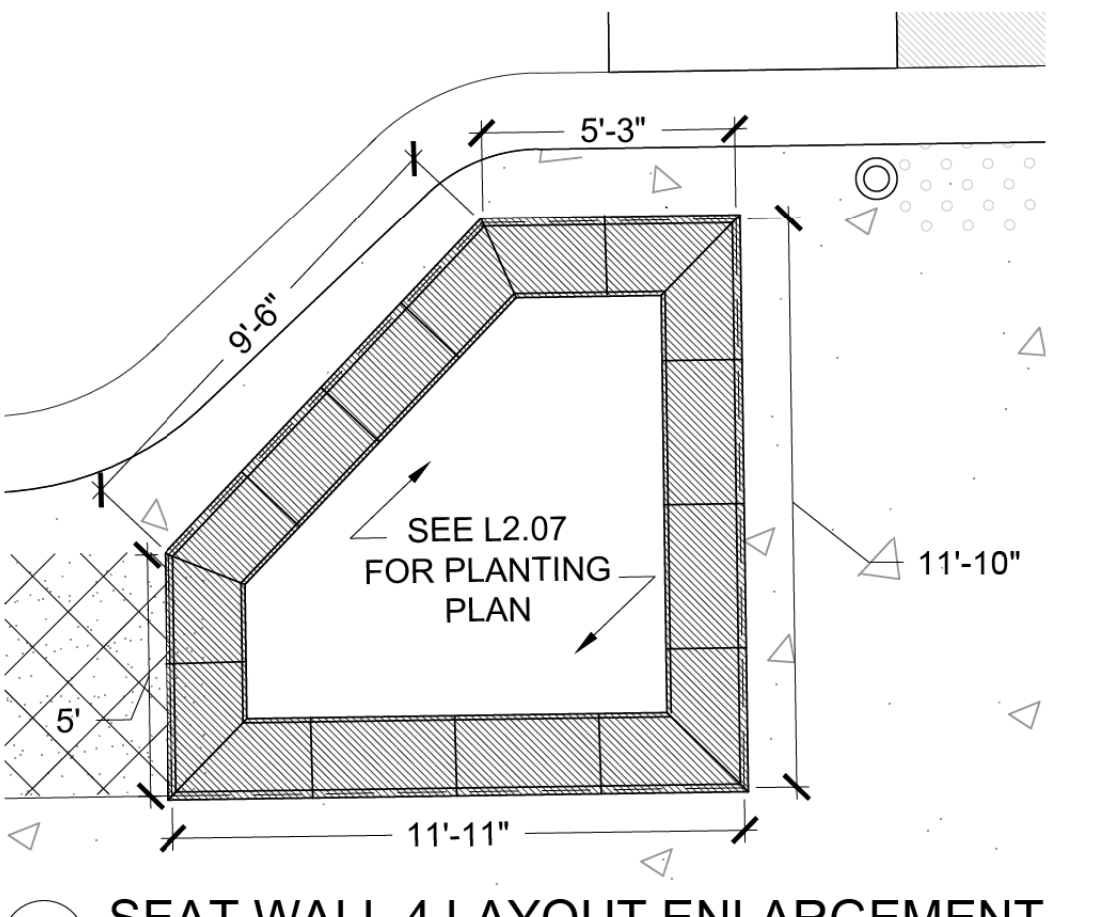
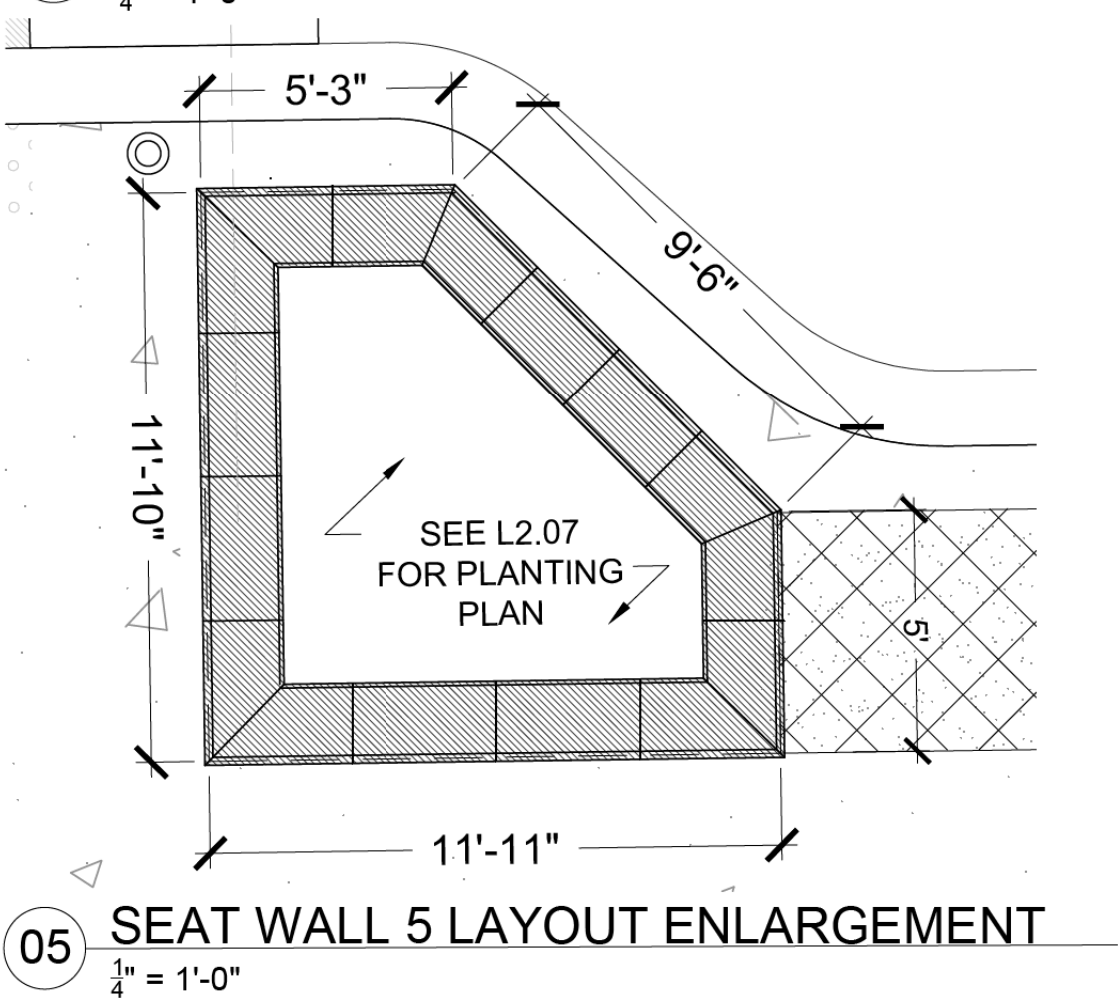
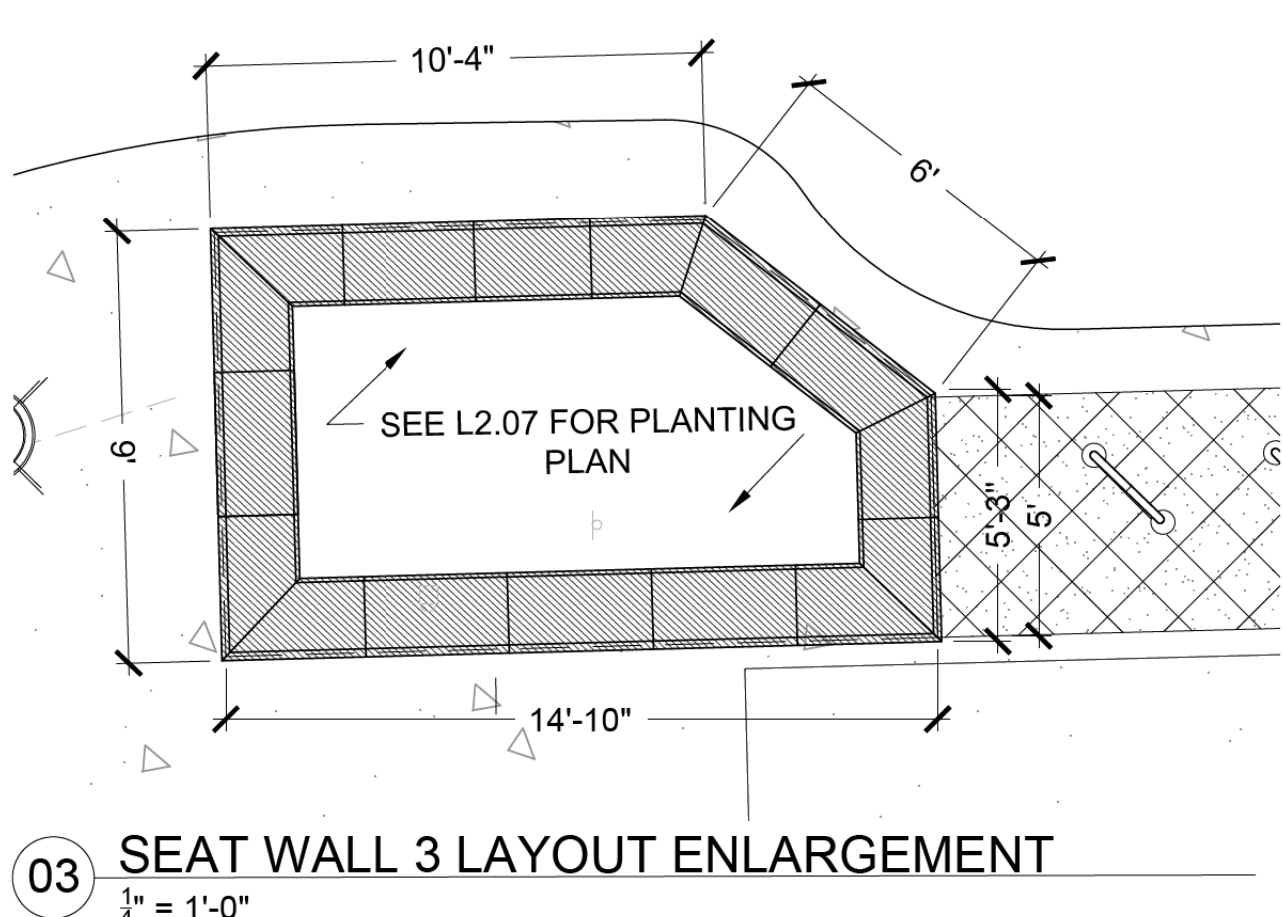


LEGEND

	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ WITHIN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

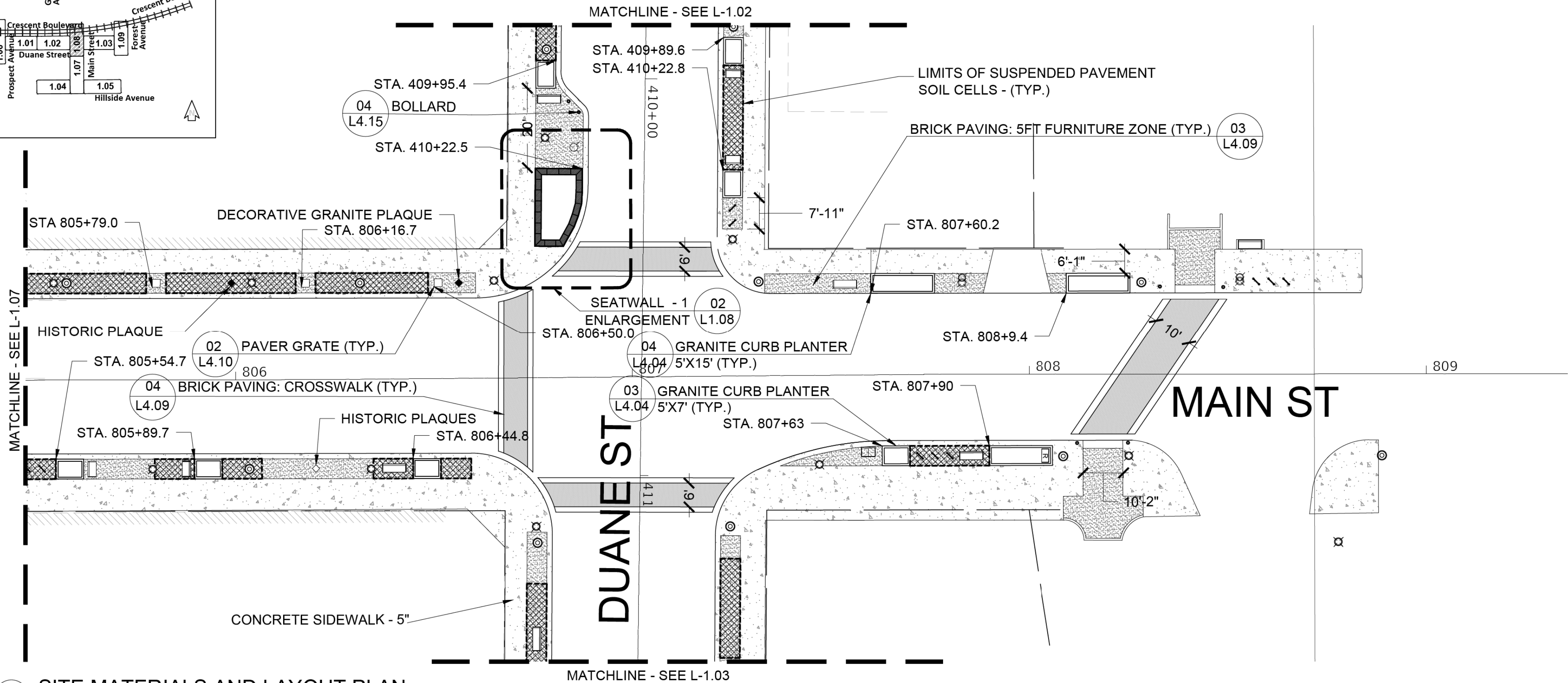
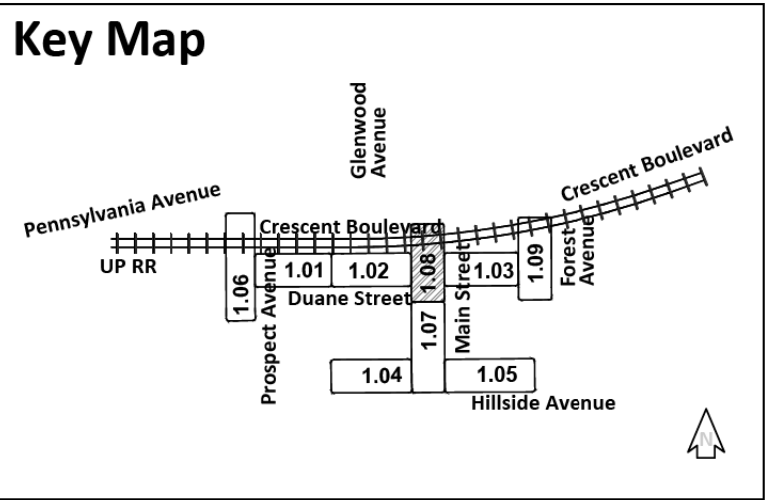


NOTE: SEE L3.03 FOR DETAILED LAYOUT OF LIMESTONE CAP



DATE	BY	SURVEYED	PLOTTED	DATE	BY	SURVEYED	PLOTTED
FINAL		NO		NO		NO	
NO		NO		NO		NO	

DATE	BY	SURVEYED	PLOTTED	DATE	BY	SURVEYED	PLOTTED
ORIGINAL		NO		NO		NO	
NO		NO		NO		NO	

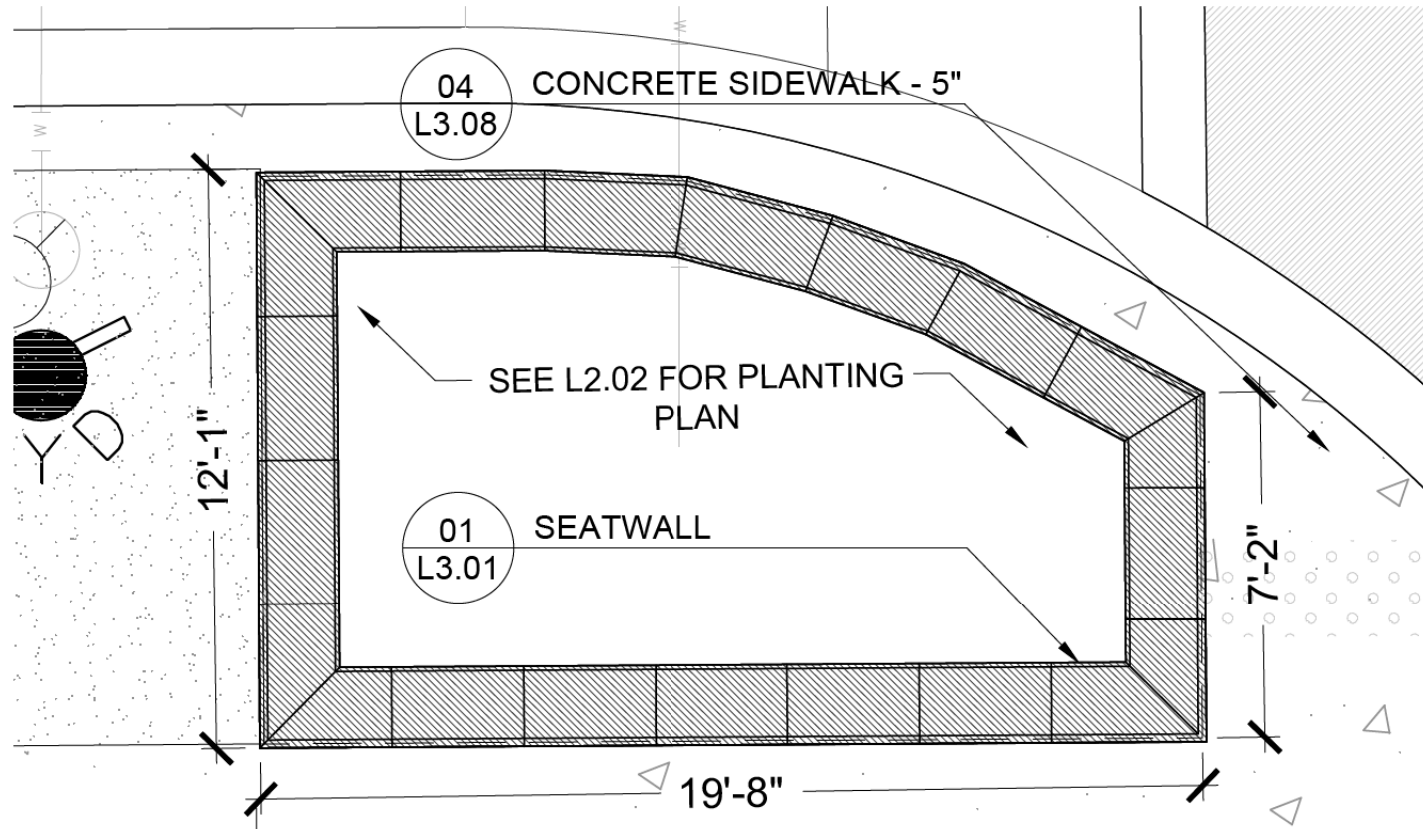


01 SITE MATERIALS AND LAYOUT PLAN
1" = 20'-0"



LEGEND

	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ WITHIN ENCLOSURE
	DECORATIVE GRANITE PLAQUE



03 SEAT WALL 1 - LAYOUT ENLARGEMENT
1/4" = 1'-0"

NOTE: SEE L3.03 FOR DETAILED LAYOUT OF LIMESTONE CAP.

L-1.08



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DESIGNED — PJH	REVISED —
DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, JRR	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

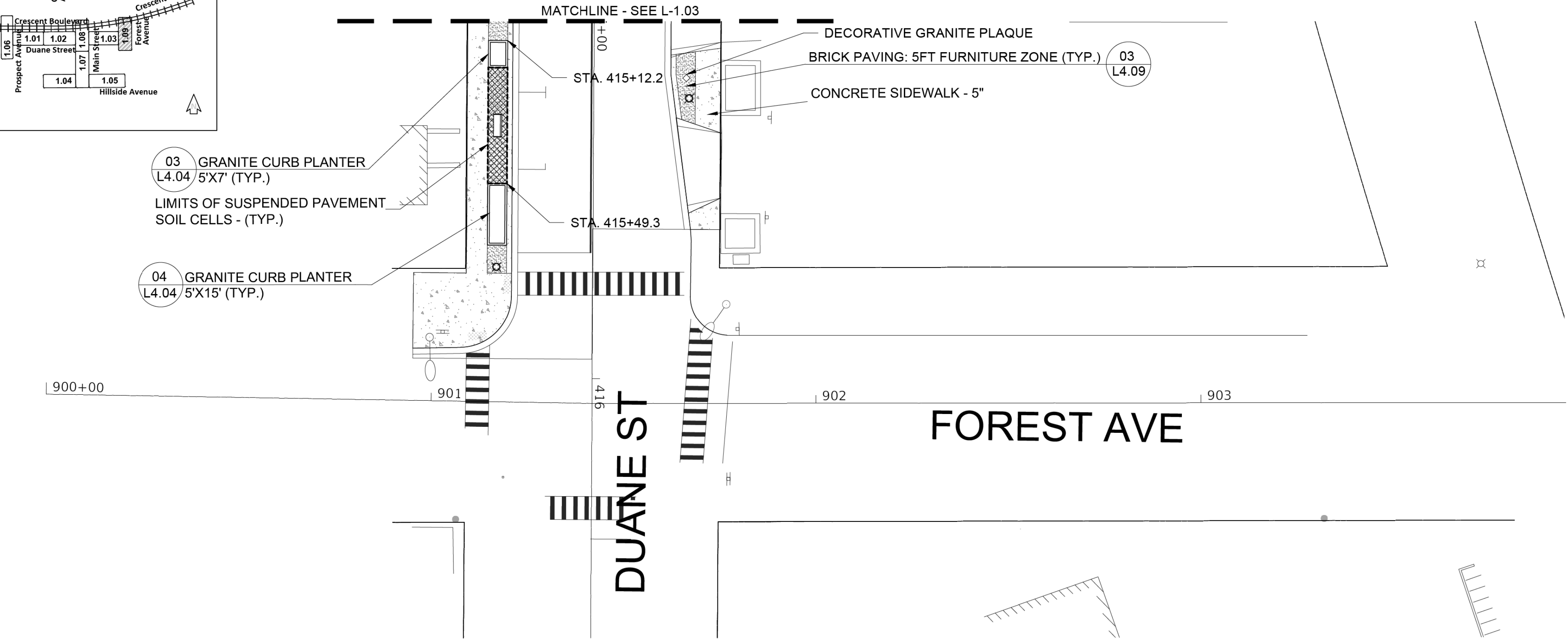
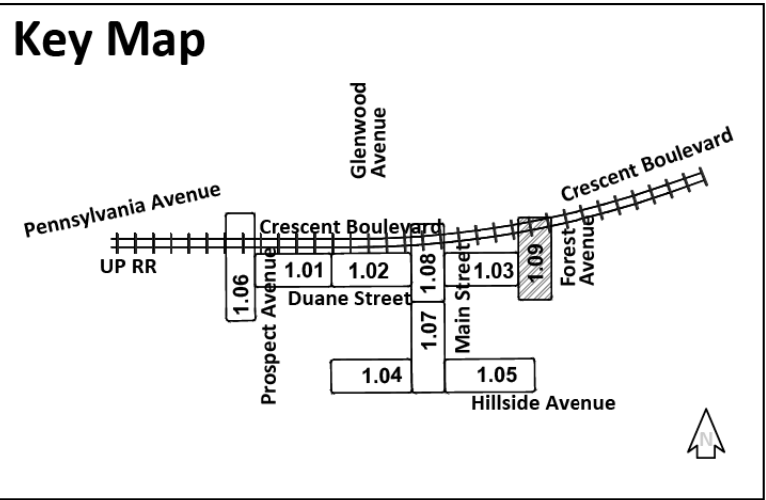
SITE MATERIALS LAYOUT PLAN
MAIN ST - NORTH

SHEET NO. OF SHEETS STA. TO STA.

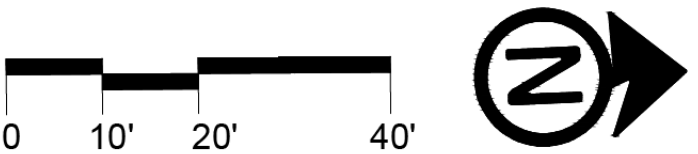
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	137	78
CONTRACT NO. XXXXX				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



01 SITE MATERIALS AND LAYOUT PLAN
1" = 20'-0"



LEGEND

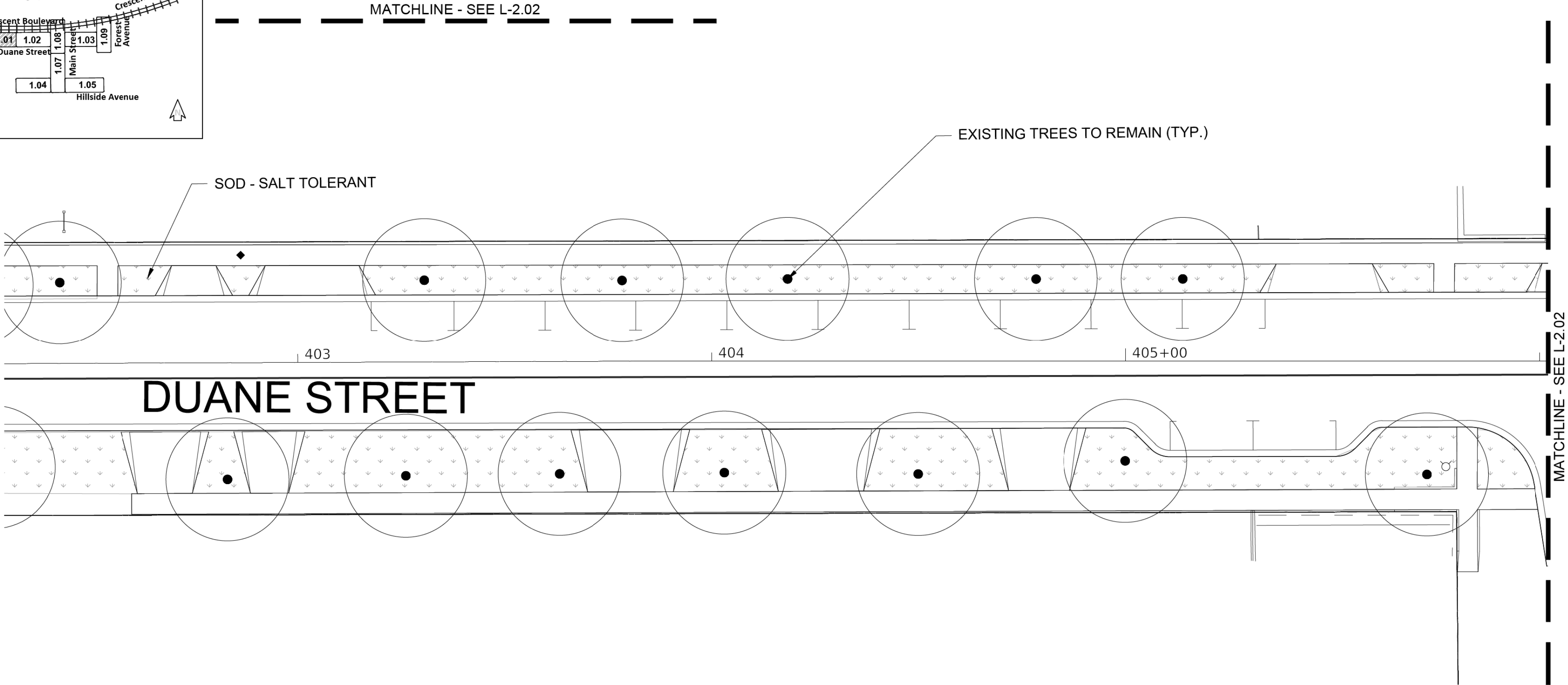
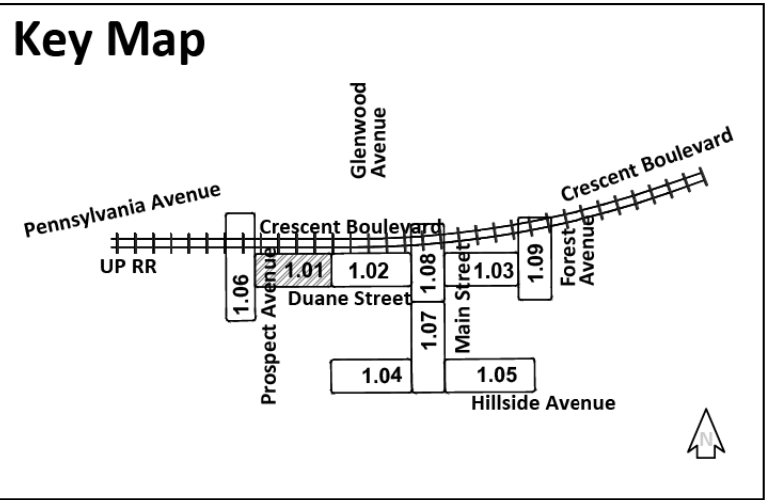
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ WITHIN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-1.09

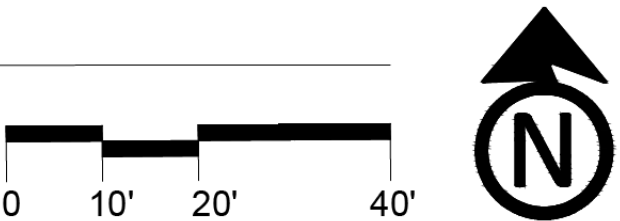
 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED — PJH	REVISED —	VILLAGE OF GLEN ELLYN	SITE MATERIALS LAYOUT PLAN FOREST AVE	F.A.U. SECTION COUNTY TOTAL SHEETS SHEET NO.				
	DRAWN — PJH, JDM	REVISED —			XXXX	XX-XXXX-XX-XX	DUPAGE	137	79
	CHECKED — KRK, JRR	REVISED —			CONTRACT NO. XXXXX				
	DATE —	REVISED —			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
					SHEET NO.	OF	SHEETS	STA.	TO

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



01 SITE PLANTING PLAN
1" = 20'-0"



LEGEND

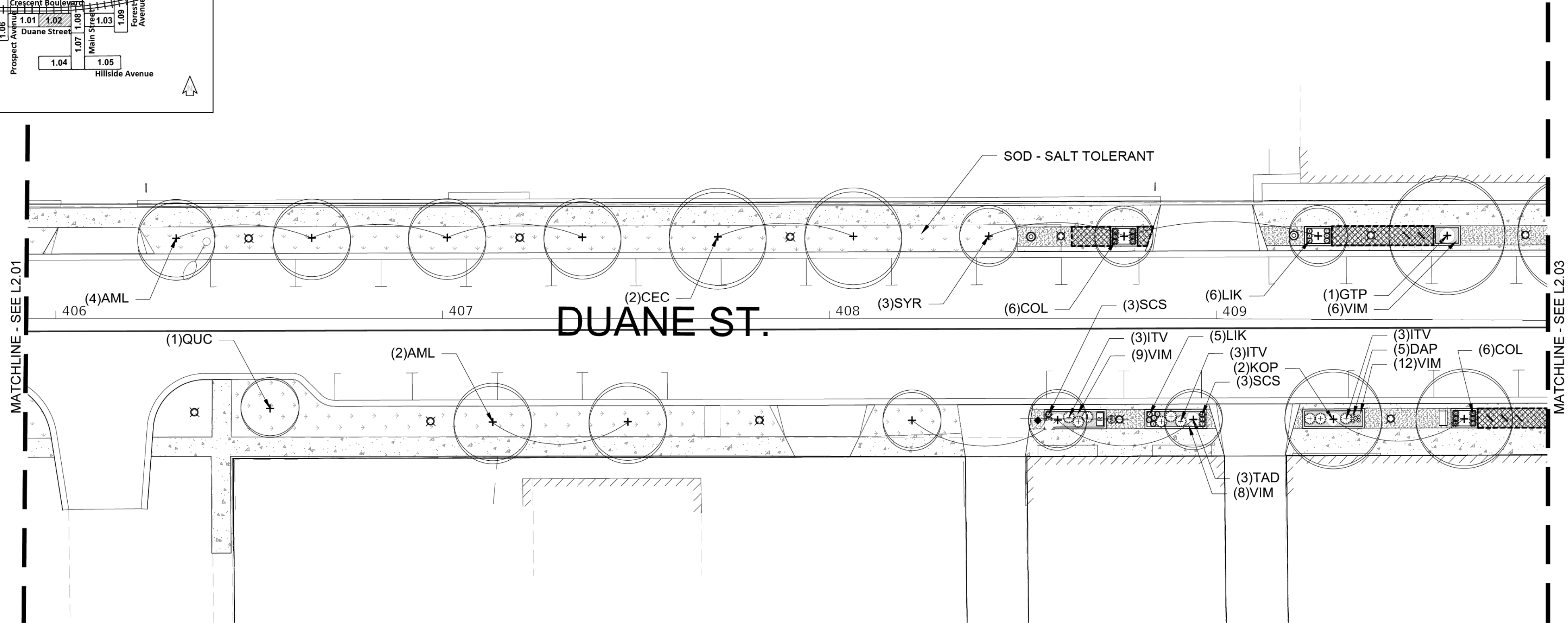
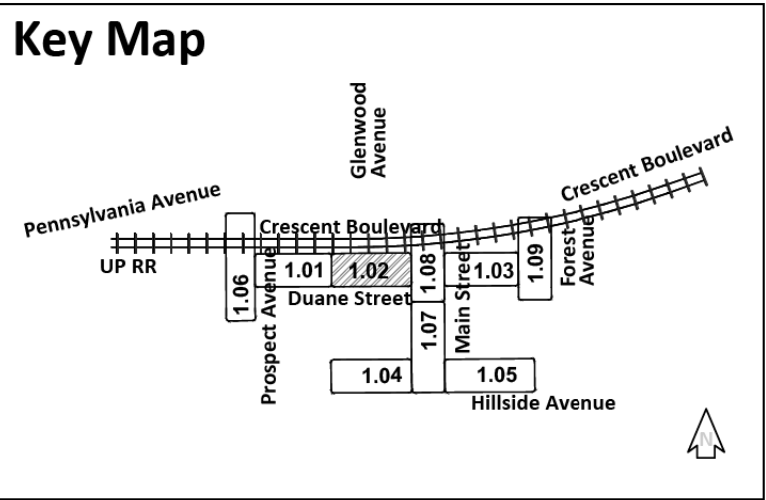
	EXISTING TREE TO REMAIN
	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.01

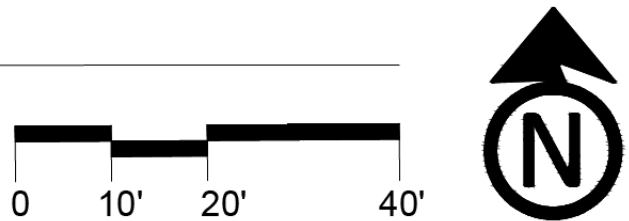
 CIVILTECH	Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED — PJH	REVISED —	VILLAGE OF GLEN ELLYN	SITE MATERIALS PLANTING PLAN DUANE - WEST	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
		DRAWN — PJH, JDM	REVISED —			XXXX	XX-XXXX-XX-XX	DUPAGE	137	80
		CHECKED — KRK, JRR	REVISED —			CONTRACT NO. XXXXX				
		DATE —	REVISED —			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
						SHEET NO.	OF	SHEETS	STA.	TO STA.

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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01 SITE PLANTING PLAN
1" = 20'-0"



LEGEND

	EXISTING TREE TO REMAIN
	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.02 PLANT LIST

Code	Quantity	Latin Name	Common Name	Size	Spacing	Comments
Trees						
AML	6	Amelanchier laevis	Allegheny Serviceberry	4" CAL.		
CEC	2	Cercis canadensis	Eastern Redbud	4" CAL.		
GTP	1	Gleditsia triacanthos 'Perfection'	Perfection Honeylocust	4" CAL.		
KOP	2	Koelreuteria paniculata	Golden Raintree	4" CAL.		
QUC	1	Quercus alba x robur 'Crimschmidt'	Crimson Spire Oaks	4" CAL.		
SYR	3	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	4" CAL.		
TAD	3	Taxodium distichum 'Mickelson' SHAWNEE BRAVE	Shawnee Brave Baldcypress	4" CAL.		
Shrubs						
ITV	9	Itea virginia 'Little Henry'	Little Henry Sweetspire	#3		
Perennials						
COL	12	Coreopsis lanceolata	Lance-leaved Coreopsis	#1		
DAP	5	Dalea purpurea	Purple Prairie Clover	#1		
UK	11	Liatris spicata 'Kobold'	Kobold Gayfeather	#1		
Ornamental Grasses						
SCS	6	Schyzachyrium scoparium	Little Bluestem	#1		
Groundcovers						
VIM	35	Vinca minor	Periwinkle	4" Pot	18" O.C.	10 Flat

L-2.02



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DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, JRR	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

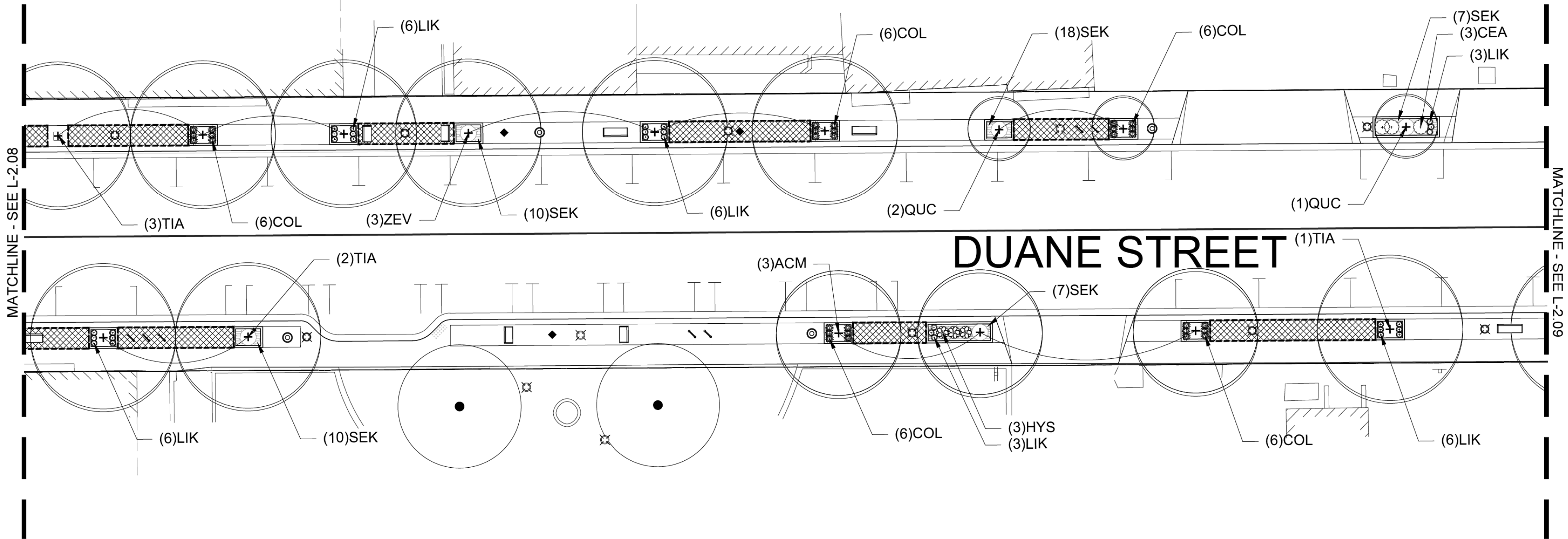
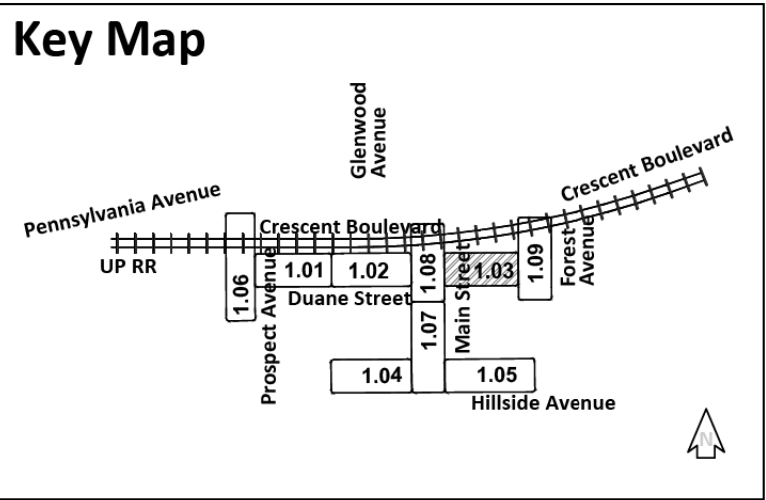
SITE MATERIALS PLANTING PLAN
DUANE - CENTRAL

SHEET NO. OF SHEETS STA. TO STA.

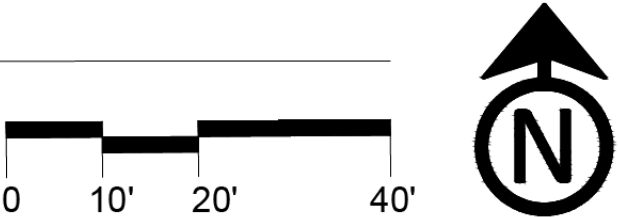
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		CONTRACT	NO. XXXXX	
FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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01 SITE PLANTING PLAN
1" = 20'-0"



LEGEND

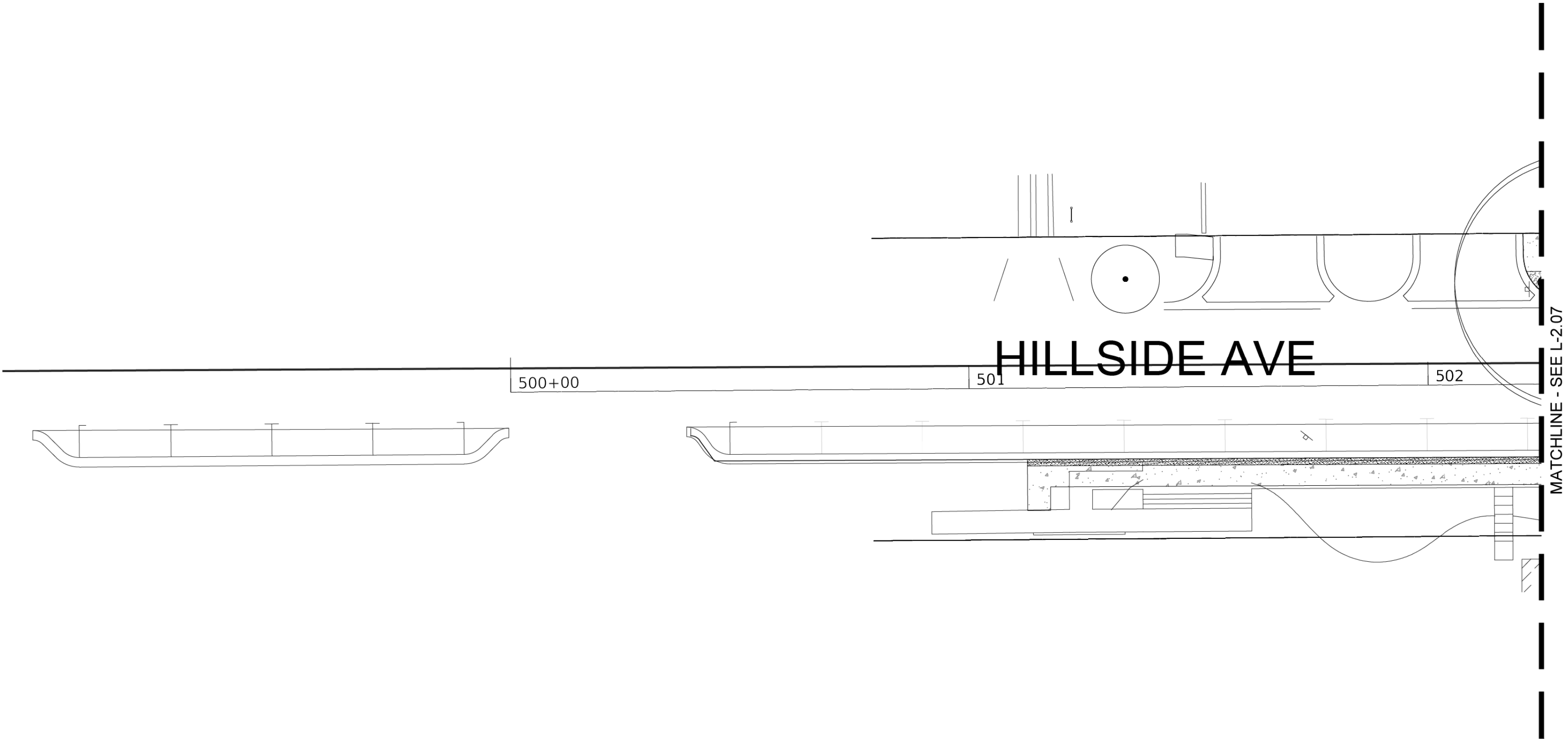
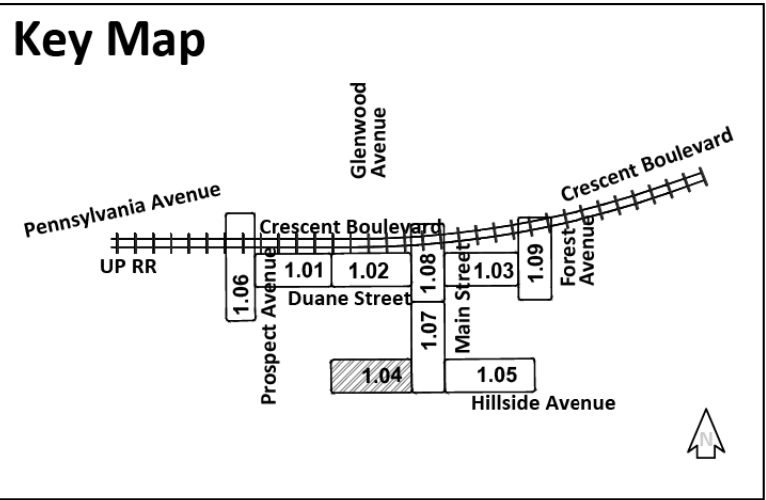
	EXISTING TREE TO REMAIN
	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.03 PLANT LIST						
Code	Quantity	Latin Name	Common Name	Size	Spacing	Comments
Trees						
ACM	3	Acer miyabei 'Morton' STATE STREET	State Street Maple	4"		
QUC	3	Quercus alba x robur 'Crimschmidt'	Crimson Spire Oaks	4"		
TIA	6	Tilia americana 'Redmond'	Redmond American Linden	4"		
ZEV	3	Zelkova serrata 'Village Green'	Village Green Zelkova	4"		
Shrubs						
CEA	3	Ceanothus americanus	New Jersey Tea	#3		
HYS	3	Hydrangea serrata SMNMAKTSR	Tuff Stuff Red Mountain Hydrangea	#3		
Perennials						
COL	30	Coreopsis lanceolata	Lance-leaved Coreopsis	#1		
LIK	30	Liatris spicata 'Kobold'	Kobold Gayfeather	#1		
Groundcovers						
SEK	52	Sedum kamtschaticum	Russian Stonecrop	4" Pot	10" O.C.	24 Flat

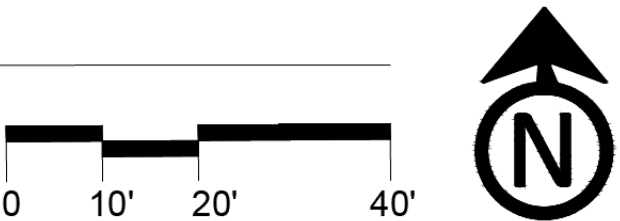
L-2.03

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



01 SITE PLANTING PLAN
1" = 20'-0"



LEGEND

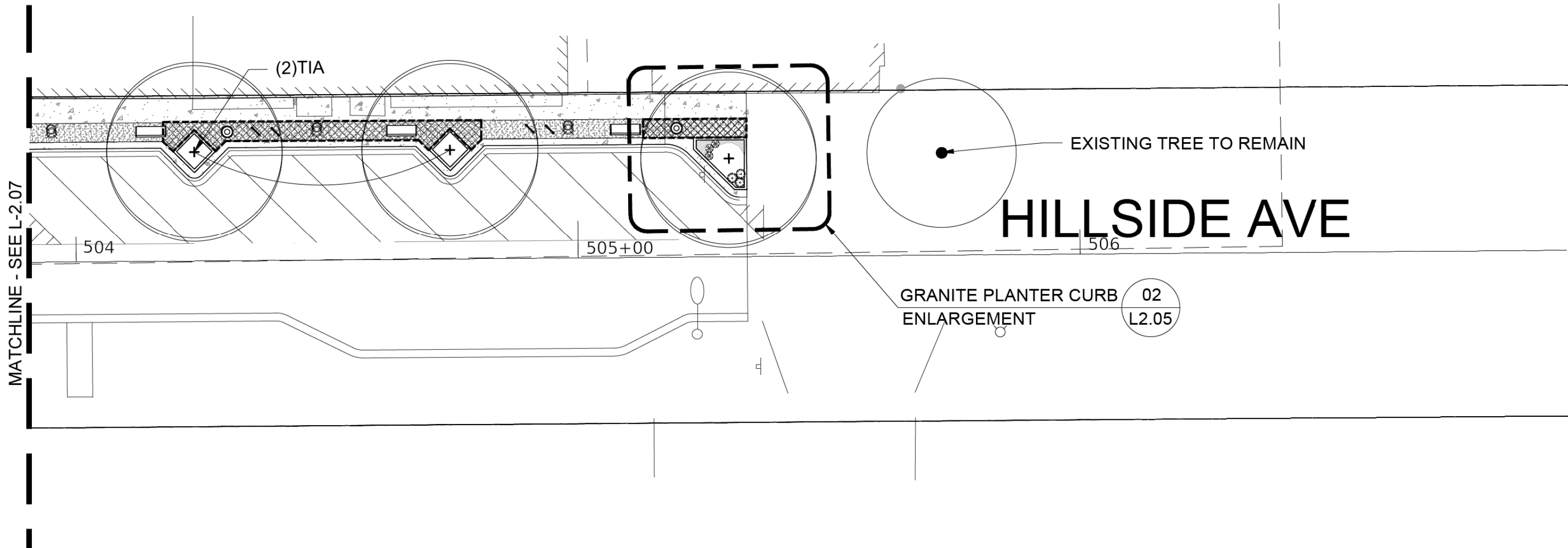
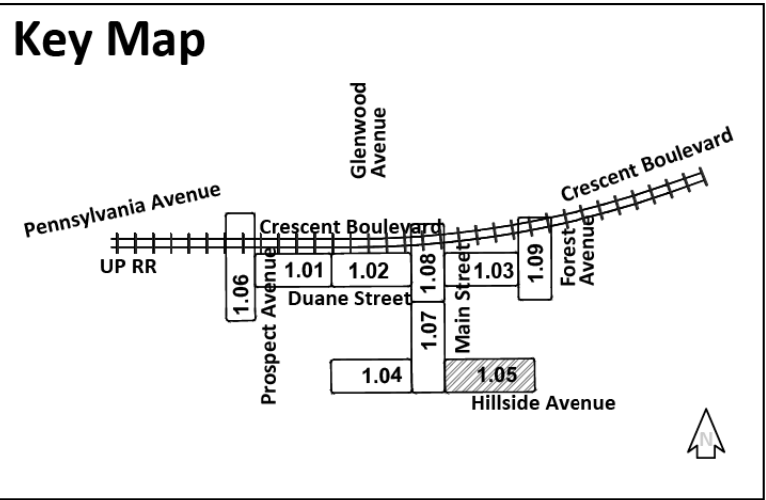
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	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.04

 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED — PJH	REVISED —	VILLAGE OF GLEN ELLYN	SITE MATERIALS PLANTING PLAN HILLSIDE - WEST	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN — PJH, JDM	REVISED —			XXXX	XX-XXXX-XX-XX	DUPAGE	137	83
	CHECKED — KRK, JRR	REVISED —			CONTRACT NO. XXXXX				
	DATE —	REVISED —			SHEET NO. OF SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT		

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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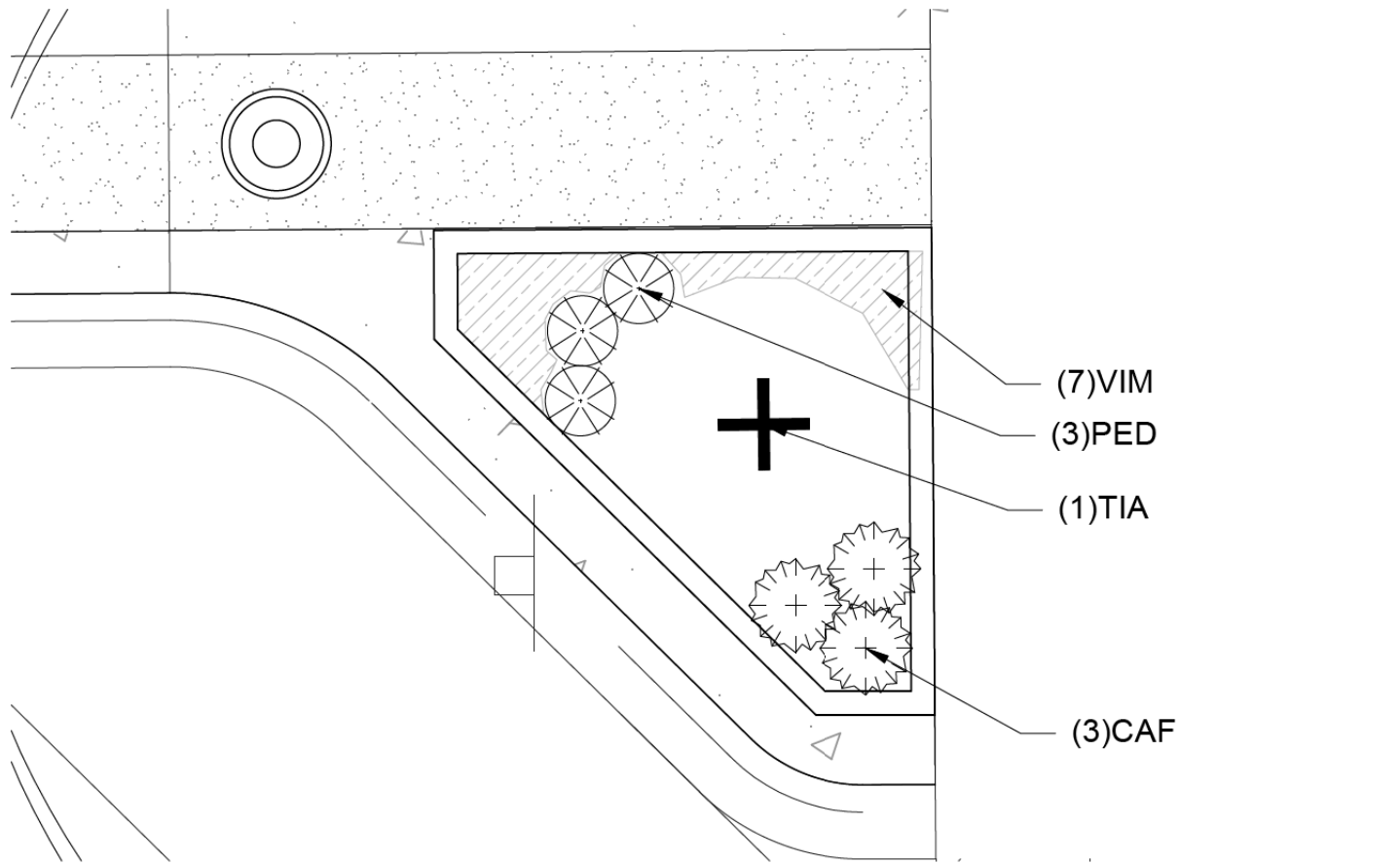
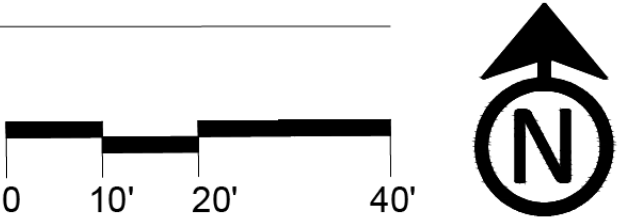


01 SITE PLANTING PLAN
1" = 20'-0"

LEGEND

	EXISTING TREE TO REMAIN
	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.05 PLANT LIST						
Code	Quantity	Latin Name	Common Name	Size	Spacing	Comments
Trees						
TIA	3	Tilia americana 'Redmond'	Redmond American Linden	4" CAL		
Perennials						
PED	3	Penstemon digitalis	Beardtongue	#1		
Ornamental Grasses						
CAF	3	Carex flacca	Blue Sedge	10 Flat		
Groundcovers						
VIM	7	Vinca minor	Periwinkle	4" Pot	18" O.C.	10 Flat



02 GRANITE PLANTER CURB PLANTING ENLARGEMENT
1/4" = 1'-0"

L-2.05



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DESIGNED — PJH	REVISED —
DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, JRR	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

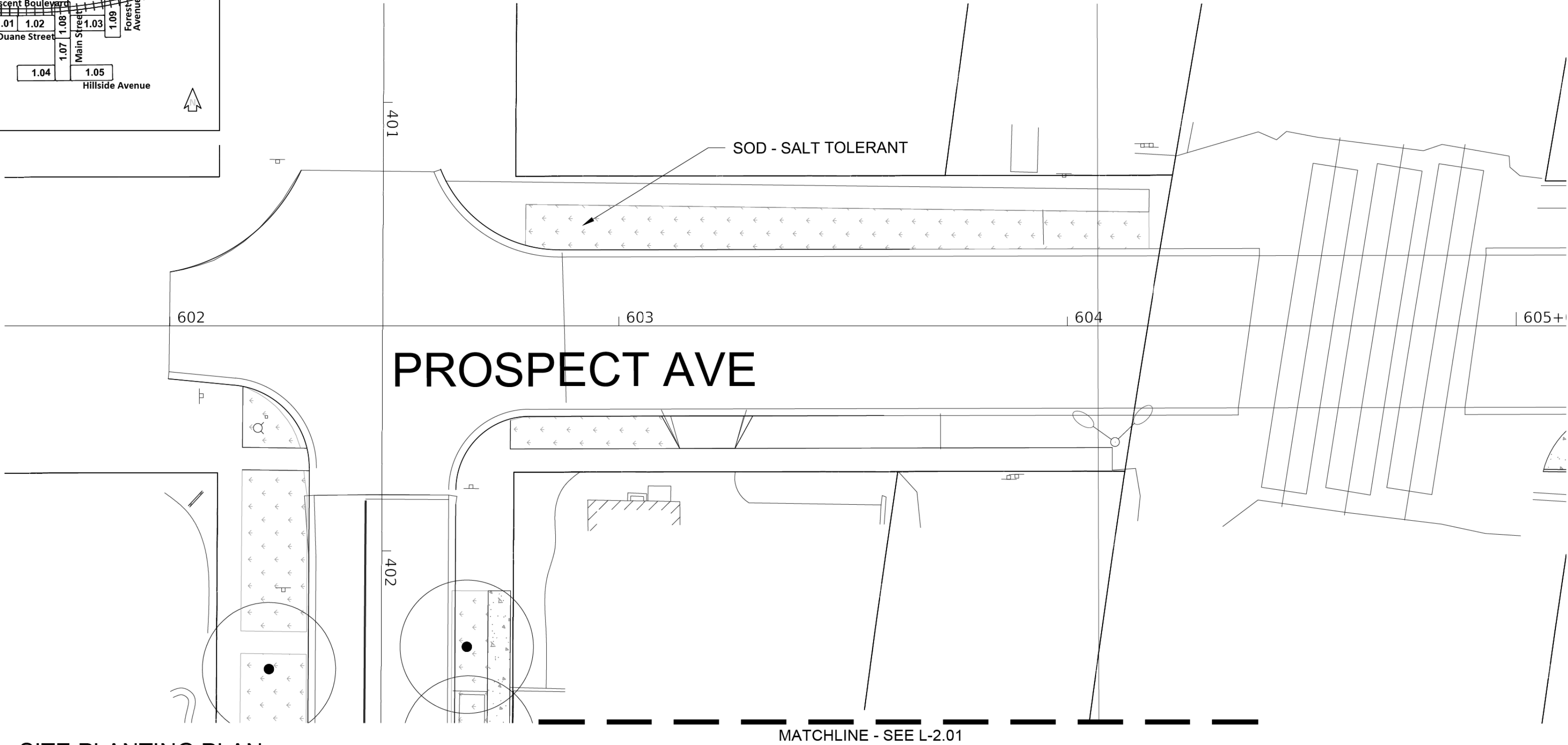
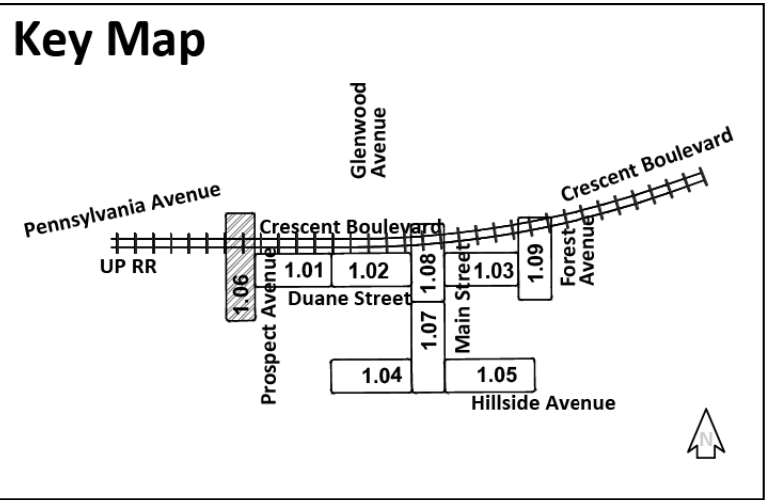
SITE MATERIALS PLANTING PLAN
HILLSIDE - EAST

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1				CONTRACT NO. XXXXX
ILLINOIS FED. AID PROJECT				

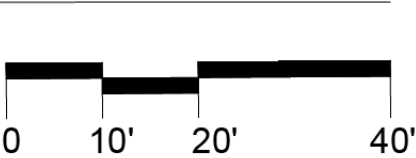
SHEET NO. OF SHEETS STA. TO STA.

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE



01 SITE PLANTING PLAN
1" = 20'-0"



LEGEND

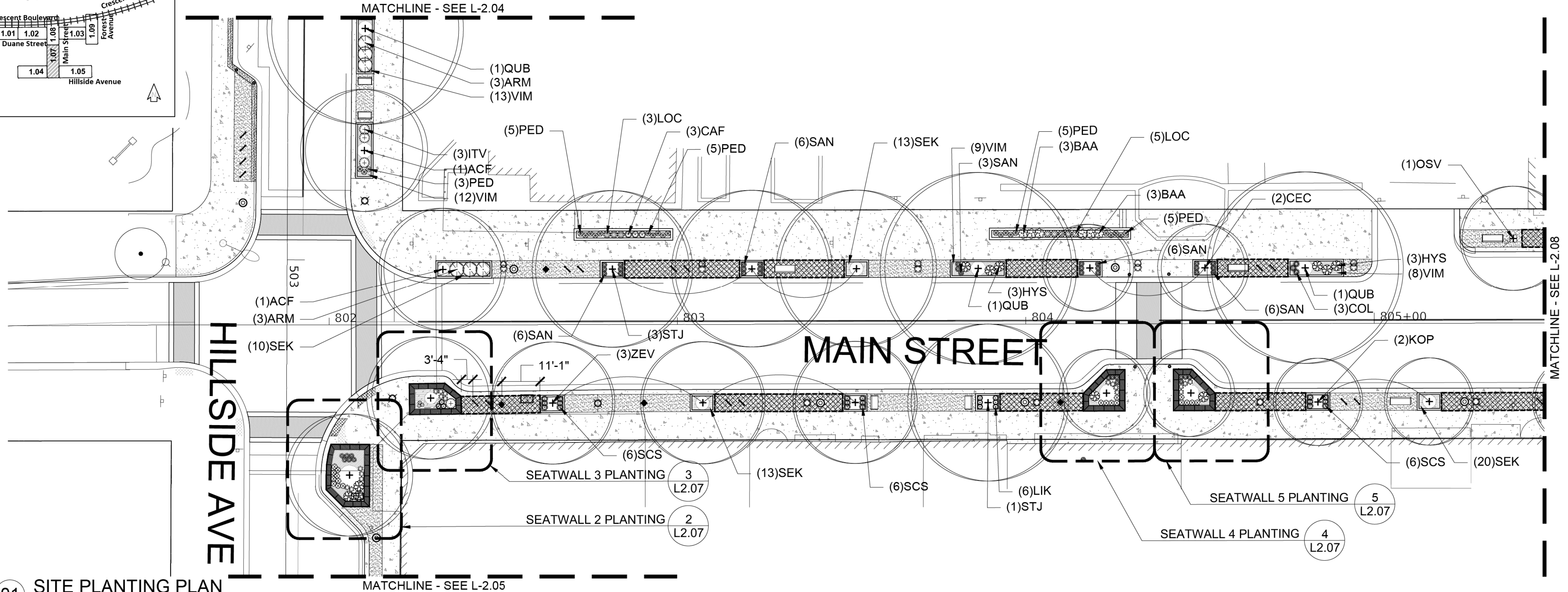
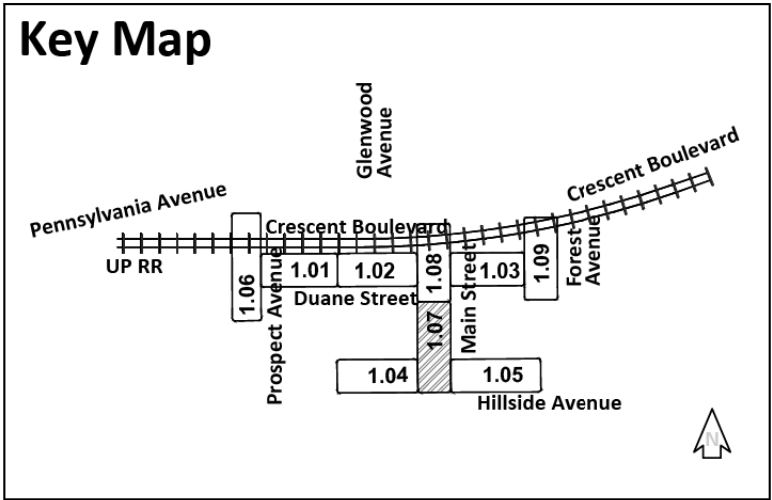
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	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.06

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	DRAWN — PJH, JDM	REVISED —			XXXX	XX-XXXX-XX-XX	DUPAGE	137	85
	CHECKED — KRK, JRR	REVISED —			CONTRACT NO. XXXXX				
	DATE —	REVISED —			FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	SHEET NO. OF SHEETS STA. TO STA.								

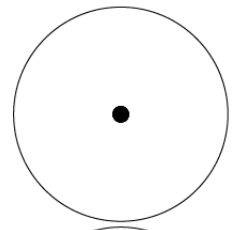
FINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

ORIGINAL SURVEY	SURVEYED	BY	DATE
NOTE BOOK	PLOTTED		
NO.	TEMPLATE		
	AREAS CHECKED		

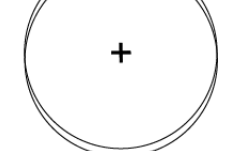


01 SITE PLANTING PLAN
1" = 20'-0"

LEGEND



EXISTING TREE TO REMAIN



PROPOSED TREE



CONCRETE SIDEWALK



BRICK PAVING



LIMITS OF SOIL CELLS



STREET LIGHT



BIKE RACKS



4' AND 6' BENCHES



BOLLARD



TRASH/RECYCLING RECEPTACLES

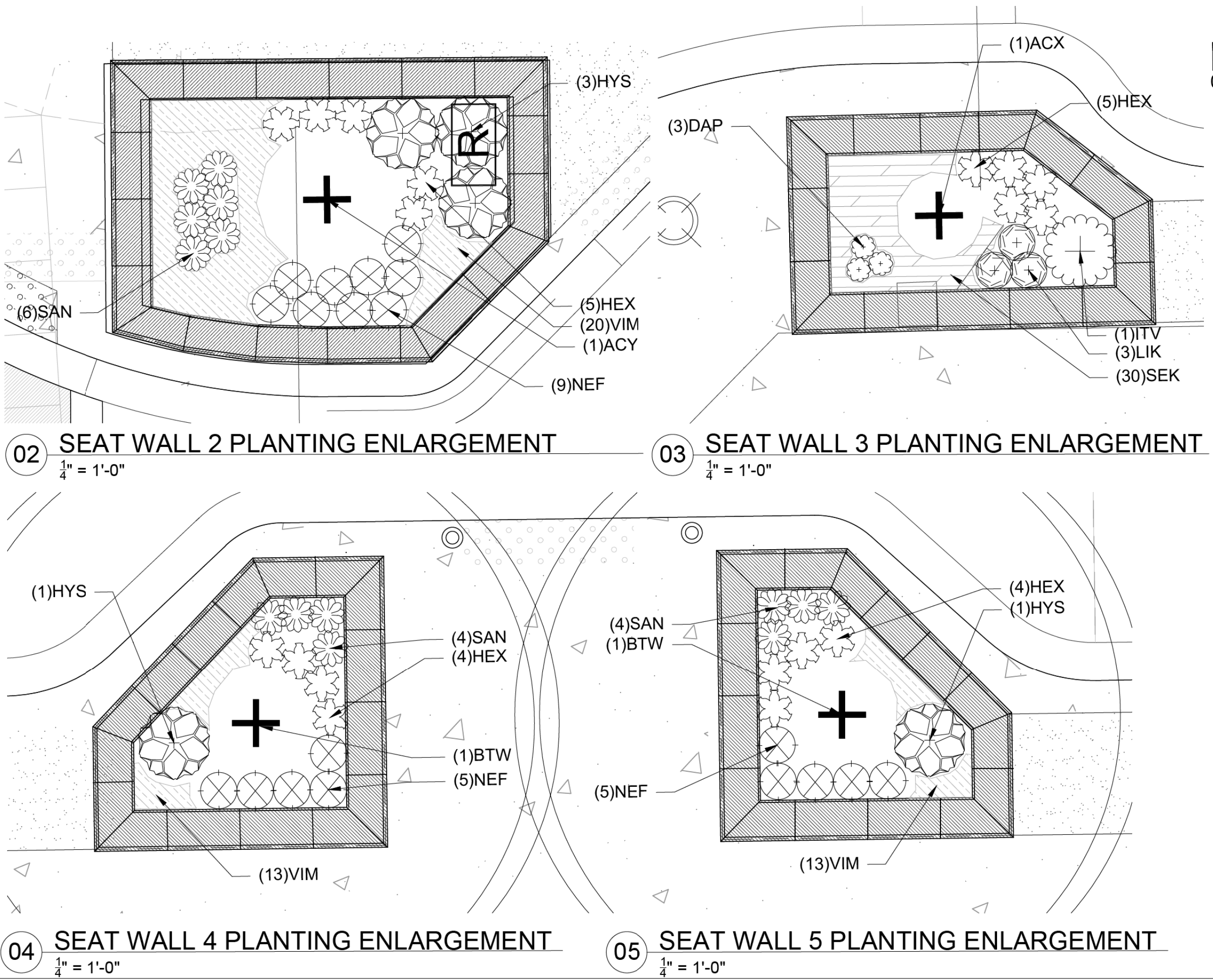


RPZ IN ENCLOSURE



DECORATIVE GRANITE PLAQUE

L-2.07 PLANT LIST						
Code	Quantity	Latin Name	Common Name	Size	Spacing	Comments
Trees						
ACF	2	Acer x freemanii 'Marmo'	Marmo Maple	4"		
ACX	1	Acer x freemanii 'Marmo'	Marmo Maple	7"		
ACY	1	Acer x freemanii 'Marmo'	Marmo Maple	8"		
BTW	2	Betula Nigra 'Whit XXV'	City Slicker River Birch	4"		
CEC	2	Cercis canadensis	Eastern Redbud	4"		
KOP	2	Koelreuteria paniculata	Golden Raintree	4"		
OSV	1	Ostrya virginiana	American Hophornbeam	4"		
QUB	3	Quercus bicolor	Swamp White Oak	4"		
STJ	4	Styphnolobium japonicum	Japanese Pagodatree	4"		
ZEV	3	Zelkova serrata 'Village Green'	Village Green Zelkova	4"		
Shrubs						
ITV	4	Itea virginica 'Little Henry'	Little Henry Sweetspire	#3		
HYS	11	Hydrangea serrata SMINMAKTSR	Tuff Stuff Red Mountain Hydrangea	#3		
ARM	6	Aronia melanocarpa 'Morton'	Morton Black Chokeberry	#3		
Perennials						
BAA	6	Baptisia australis	Blue False Indigo	#1		
COL	3	Coreopsis lanceolata	Lance-leaved Coreopsis	#1		
DAP	3	Dalea purpurea	Purple Prairie Clover	#1		
HEX	18	Heuchera x villosa 'Carnival Watermelon'	Carnival Watermelon Heuchera	#1		
LIK	9	Liatris spicata 'Kobold'	Kobold Gayfeather	#1		
LOC	8	Lobelia cardinalis	Cardinal Flower	#1		
NEX	19	Nepeta x faassenii 'Kit Kat'	Kit Kat Catmint	#1		
PED	23	Penstemon digitalis	Beardtongue	#1		
SAN	42	Salvia nemerosa 'Blue Hill'	Blue Hill Sage	#1		
Ornamental Grasses						
SCS	18	Schyzachyrium scoparium	Little Bluestem	#1		
CAF	3	Carex flacca	Blue Sedge	4" Pot	10 Flat	
Groundcovers						
SEK	66	Sedum kamtschaticum	Russian Stonecrop	4" Pot	10" O.C.	24 Flat
VIM	88	Vinca minor	Periwinkle	4" Pot	18" O.C.	10 Flat



L-2.07



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CHECKED — KRK, JRR	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

SITE MATERIALS PLANTING PLAN
MAIN ST - SOUTH

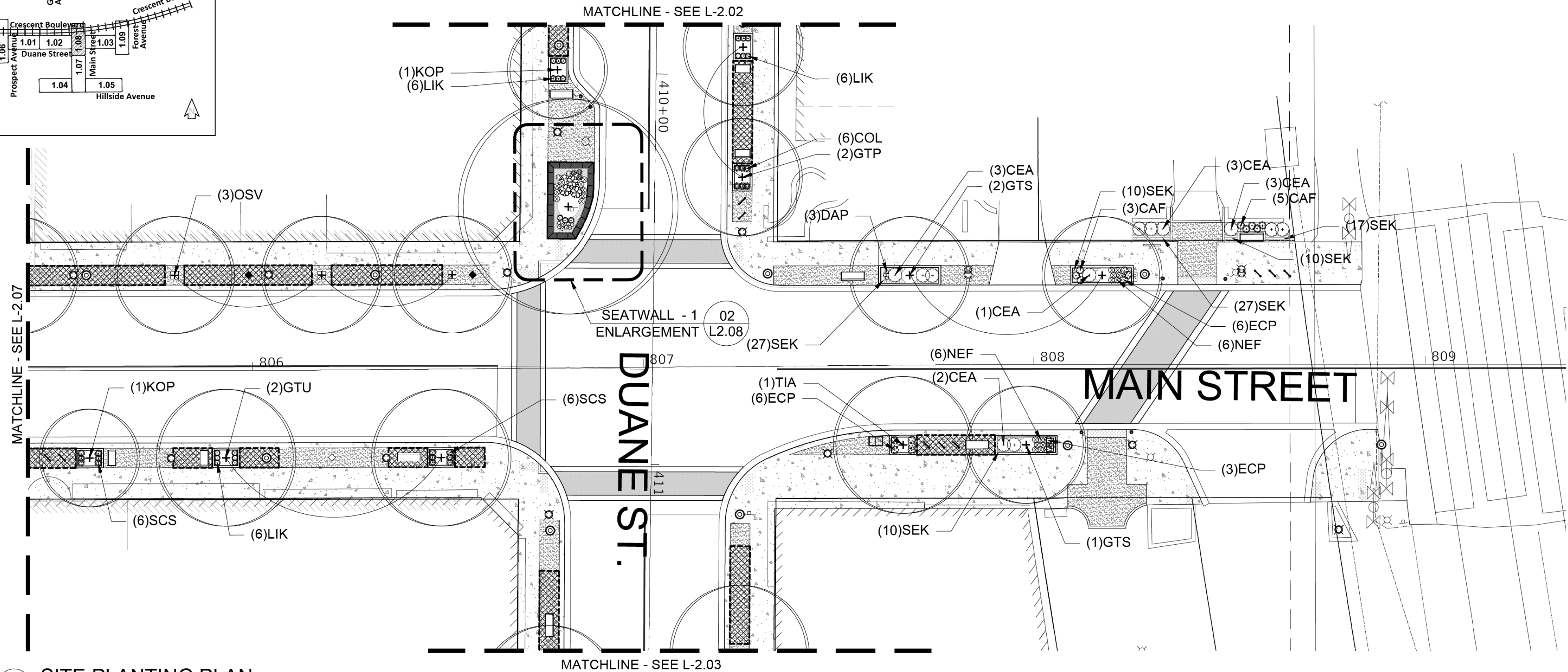
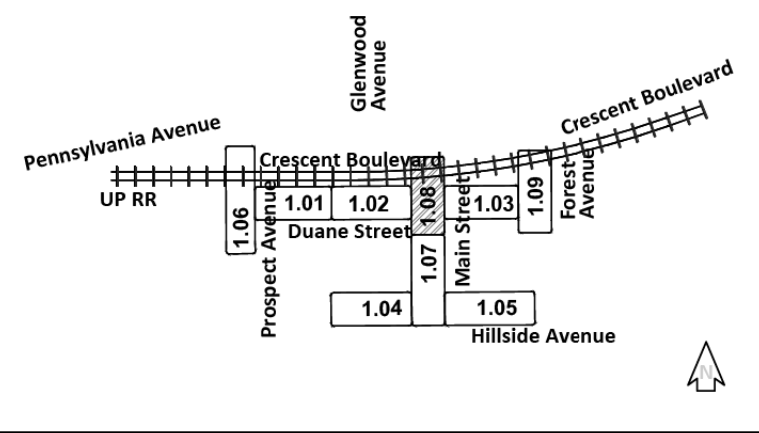
SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	137	86
CONTRACT NO. XXXXX				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

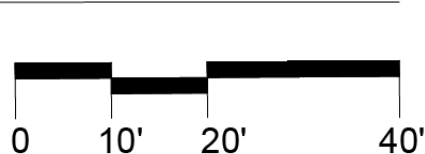
FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY

ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	DATE	BY

Key Map



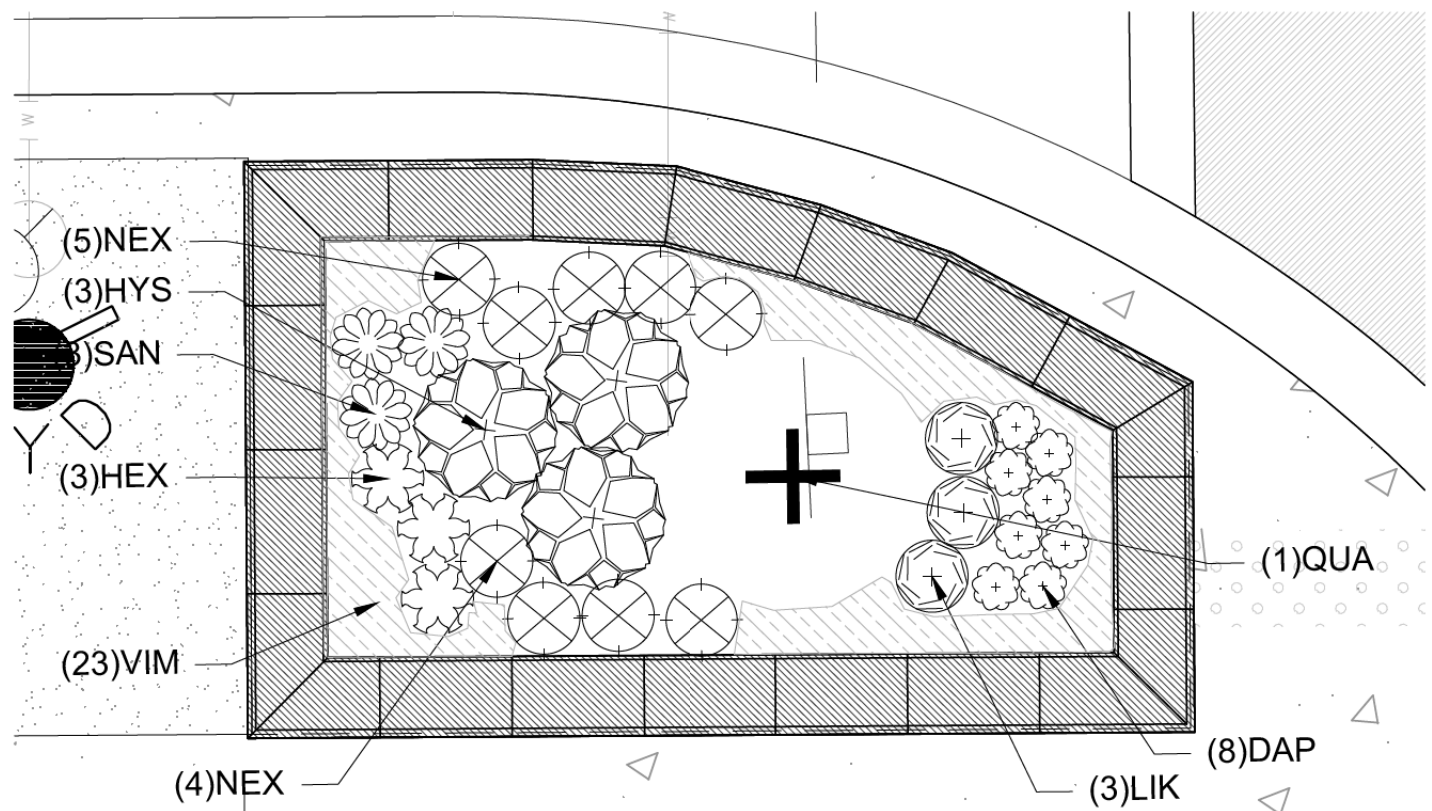
01 SITE PLANTING PLAN
1" = 20'-0"



LEGEND

	EXISTING TREE TO REMAIN
	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.08 PLANT LIST						
Code	Quantity	Latin Name	Common Name	Size	Spacing	Comments
Trees						
GTP	2	Gleditsia triacanthos 'Perfection'	Perfection Honeylocust	4"		
GTS	3	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	4"		
GTU	2	Gleditsia triacanthos 'Sunburst'	Sunburst Honeylocust	4"		
KOP	2	Koelreuteria paniculata	Golden Raintree	4"		
OSV	3	Ostrya virginiana	American Hophornbeam	4"		
TIA	1	Tilia americana 'Redmond'	Redmond American Linden	4"		
QUA	1	Quercus alba	White Oak	8"		108" Max. Rootball
Shrubs						
CEA	12	Ceanothus americanus	New Jersey Tea	#3		3' Tall
HYS	3	Hydrangea serrata 'Tuff Stuff Red Mountain'	Tuff Stuff Red Mountain Hydrangea	#5		
Perennials						
COL	6	Coreopsis lanceolata	Lance-leaved Coreopsis	#1		
DAP	11	Dalea purpurea	Purple Prairie Clover	#1		
ECP	12	Echinacea purpurea	Purple Coneflower	#1		
HEX	3	Heuchera x villosa 'Carnival Watermelon'	Carnival Watermelon Heuchera	#1		
LIK	21	Liatris spicata 'Kobold'	Kobold Gayfeather	#1		
NEX	21	Nepeta x faassenii 'Kit Kat'	Kit Kat Catmint	#1		
SAN	3	Salvia nemerosa 'Blue Hill'	Blue Hill Sage	#1		
Ornamental Grasses						
CAF	8	Carex flacca	Blue Sedge	4" Pot		10 Flat
SCS	12	Schyzachyrium scoparium	Little Bluestem	#1		
Groundcovers						
SEK	101	Sedum kamtschaticum	Russian Stonecrop	4" Pot	10" O.C.	24 Flat
VIM	23	Vinca minor	Periwinkle	4" Pot	18" O.C.	10 Flat



02 SEAT WALL 1 - PLANTING ENLARGEMENT
3/4" = 1'-0"

L-2.08



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CHECKED — KRK, JRR	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

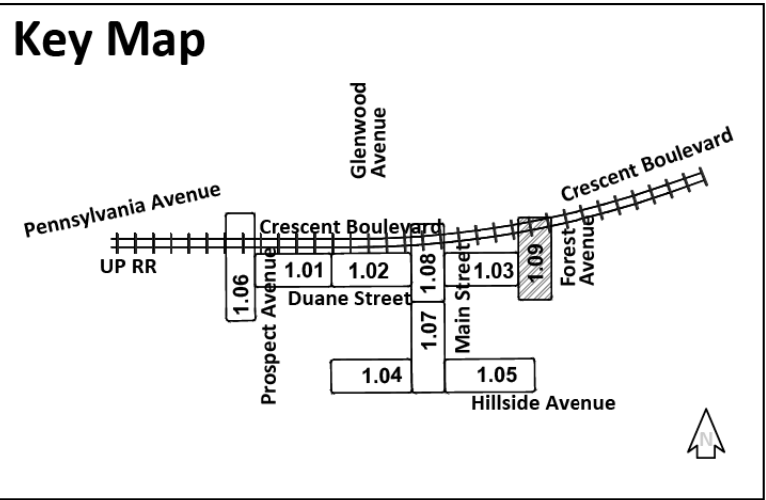
SITE MATERIALS PLANTING PLAN
MAIN ST - NORTH

SHEET NO. OF SHEETS STA. TO STA.

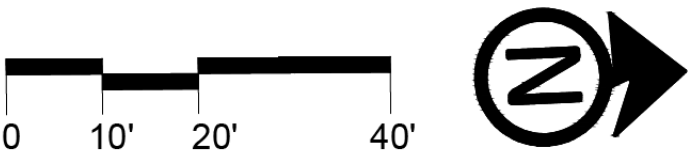
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	137	87
CONTRACT NO. XXXXX				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

FINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
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ORIGINAL SURVEY NOTE BOOK NO.	SURVEYED PLOTTED TEMPLATE AREAS CHECKED	BY	DATE
--	--	----	------



01 SITE PLANTING PLAN
1" = 20'-0"



LEGEND

	EXISTING TREE TO REMAIN
	PROPOSED TREE
	CONCRETE SIDEWALK
	BRICK PAVING
	LIMITS OF SOIL CELLS
	STREET LIGHT
	BIKE RACKS
	4' AND 6' BENCHES
	BOLLARD
	TRASH/RECYCLING RECEPTACLES
	RPZ IN ENCLOSURE
	DECORATIVE GRANITE PLAQUE

L-2.09 PLANT LIST						
Code	Quantity	Latin Name	Common Name	Size	Spacing	Comments
Trees						
TIA	2	Tilia americana 'Redmond'	Redmond American Linden	4" Cal.		
Shrubs						
CEA	3	Ceanothus americanus	New Jersey Tea			
Perennials						
LIK	3	Liatris spicata 'Kobold'	Kobold Gayfeather	#1		
Groundcovers						
SEK	16	Sedum kamtschaticum	Russian Stonecrop	4" Pot	10" O.C.	24 Flat

L-2.09



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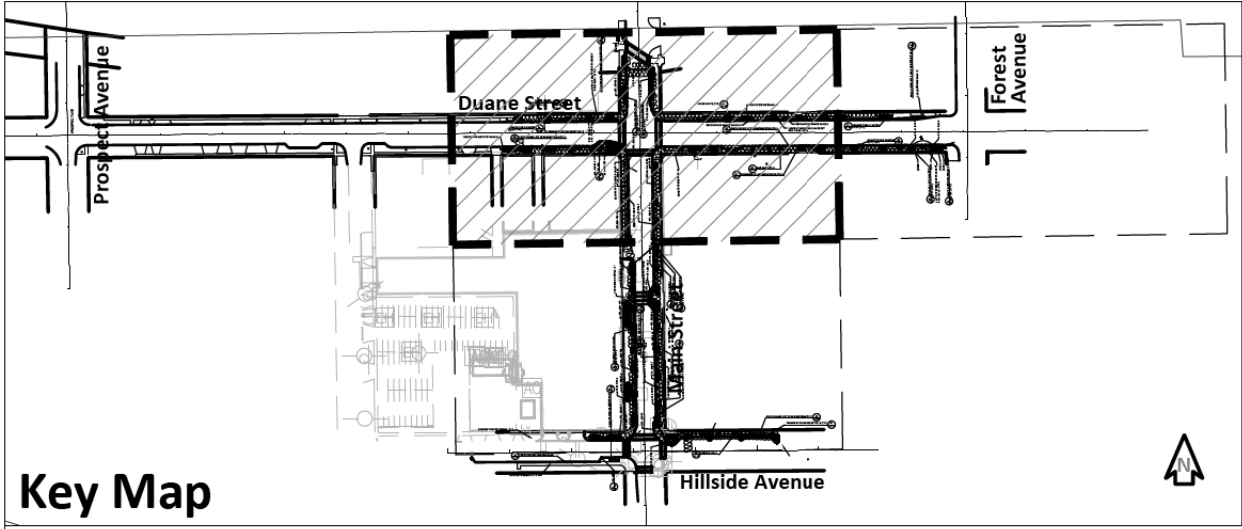
DESIGNED — PJH	REVISED —
DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, JRR	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

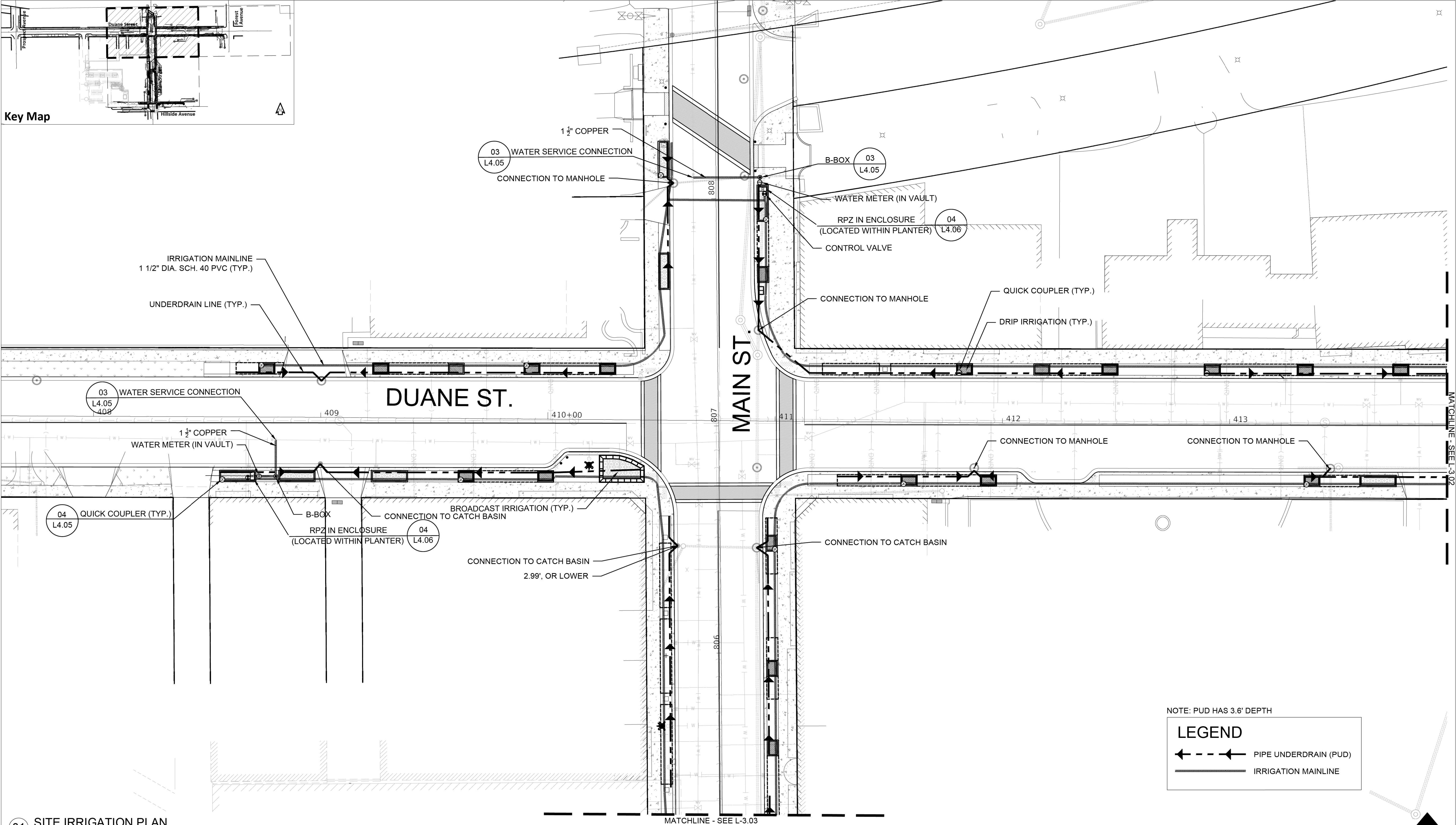
SITE MATERIALS PLANTING PLAN
FOREST AVE

SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXXX-XX-XX	DUPAGE	137	88
CONTRACT NO. XXXXX				
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



Key Map



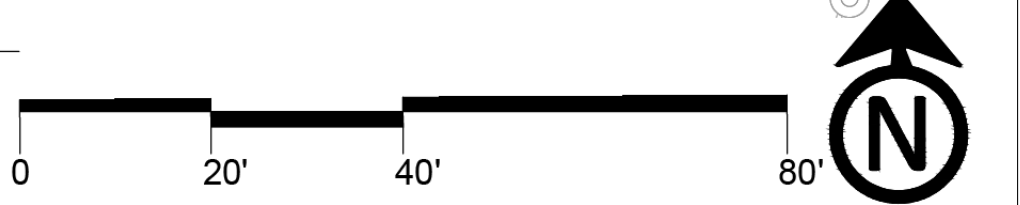
01 SITE IRRIGATION PLAN
1" = 20'-0"

NOTE: PUD HAS 3.6' DEPTH

LEGEND

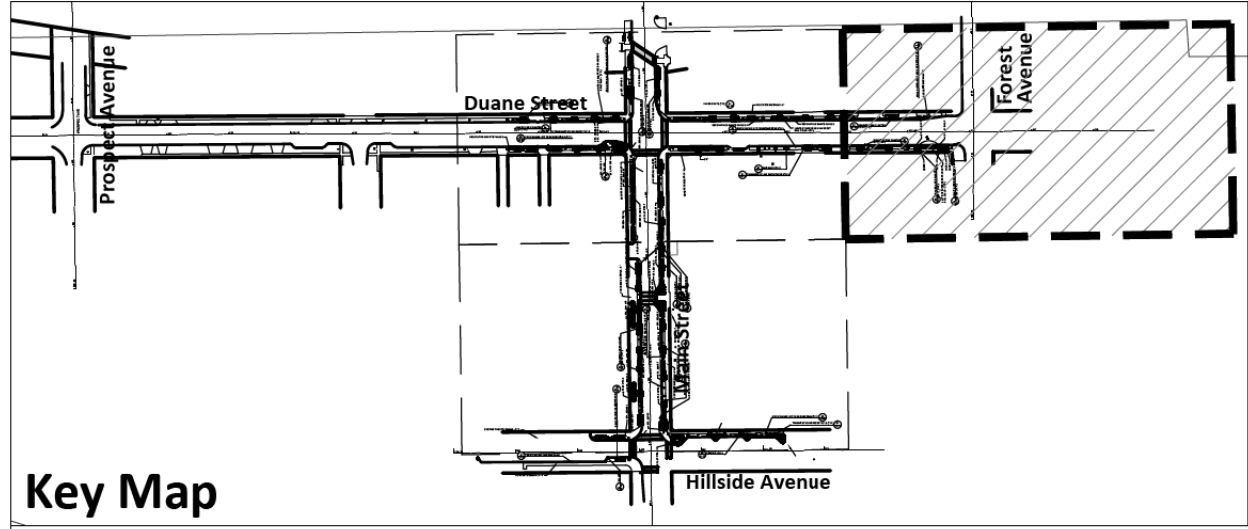
← - - - → PIPE UNDERDRAIN (PUD)

—— IRRIGATION MAINLINE



L-3.01

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	DRAWN — PJH, JDM	REVISED —					XXXX	XX-XXXX-XX-XX	DUPAGE	137	89					
	CHECKED — KRK, MJF	REVISED —					SHEET NO. OF SHEETS STA. TO STA.					FED. ROAD DIST. NO. 1	ILLINOIS	FED. AID PROJECT		
	DATE —	REVISED —														



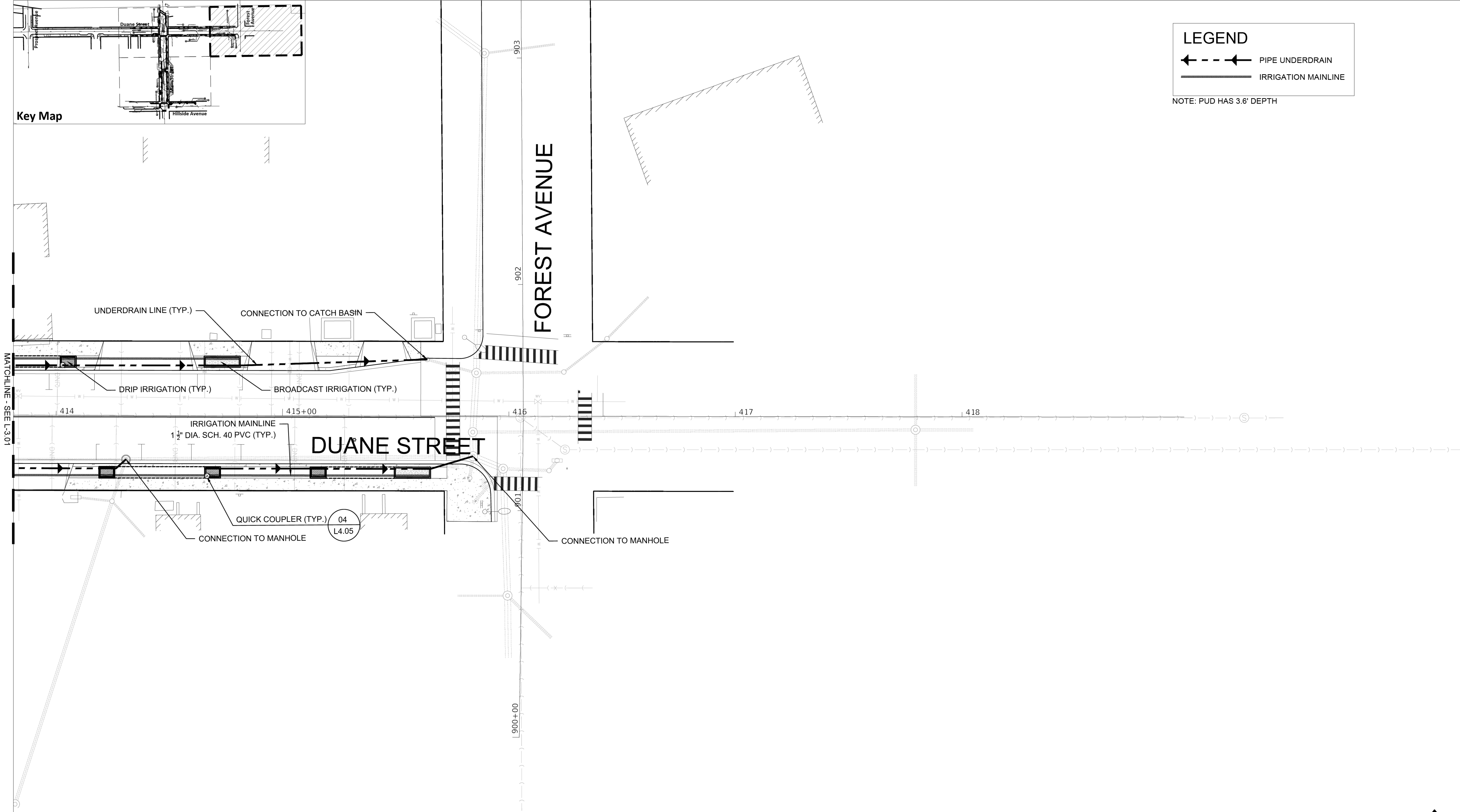
Key Map

LEGEND

PIPE UNDERDRAIN

IRRIGATION MAINLINE

NOTE: PUD HAS 3.6' DEPTH

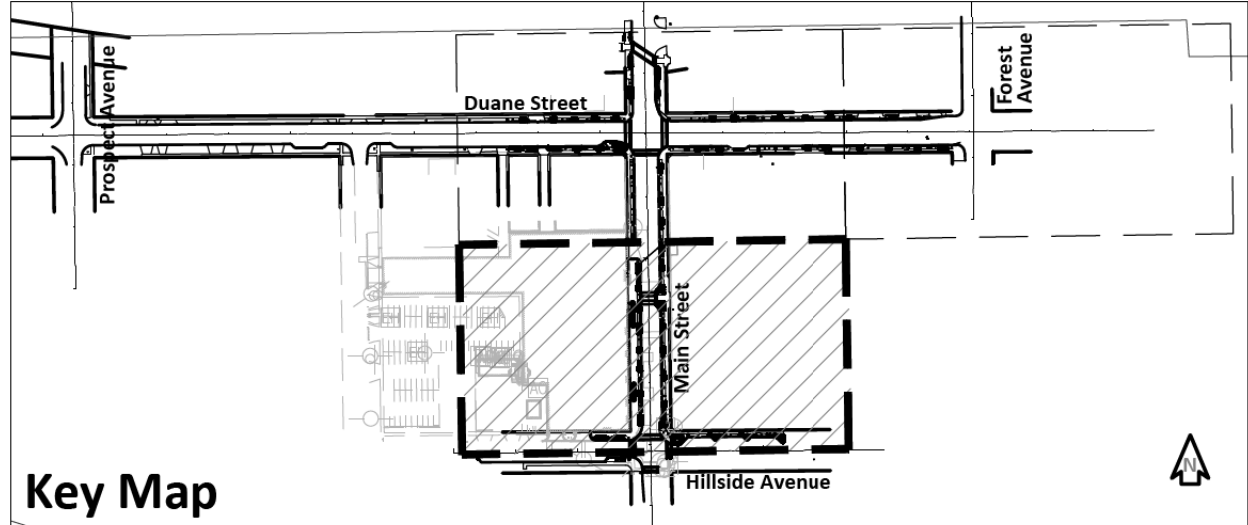


01 SITE IRRIGATION PLAN
1" = 20'-0"

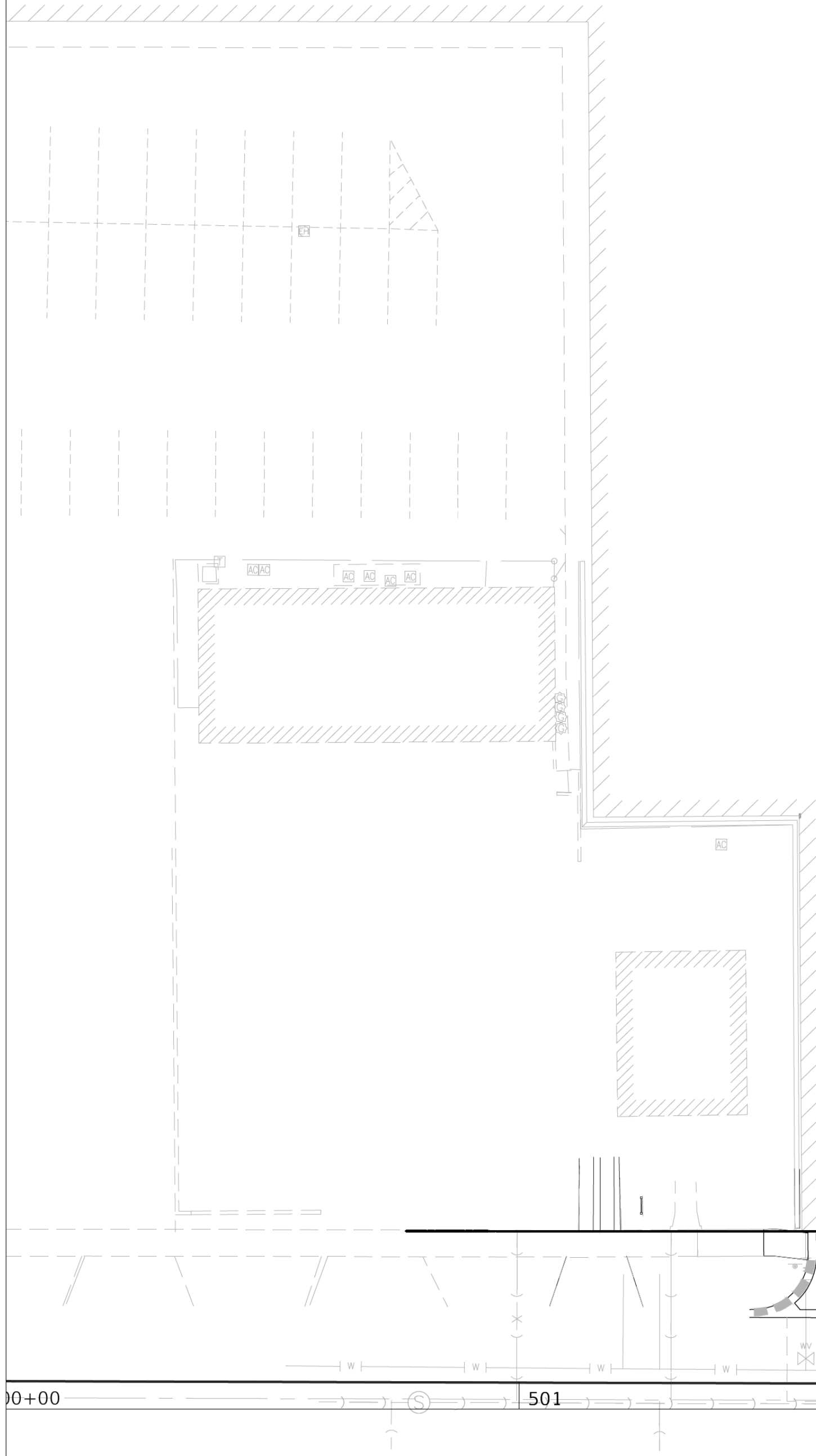
0 20' 40' 80'

L-3.02

	Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED — PJH	REVISED —	VILLAGE OF GLEN ELLYN	IRRIGATION PLANS	F.A.U. R.T.E. SECTION COUNTY TOTAL SHEETS SHEET NO.				
		DRAWN — PJH, JDM	REVISED —			XXXX	XX-XXXX-XX-XX	DUPAGE	137	90
		CHECKED — KRK, MJF	REVISED —							
		DATE —	REVISED —							
		SHEET NO.	OF	SHEETS	STA. _____ TO STA. _____	FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



Key Map



01 SITE IRRIGATION PLAN
1" = 20'-0"

0

20'

40'

80'

N

L-3.03

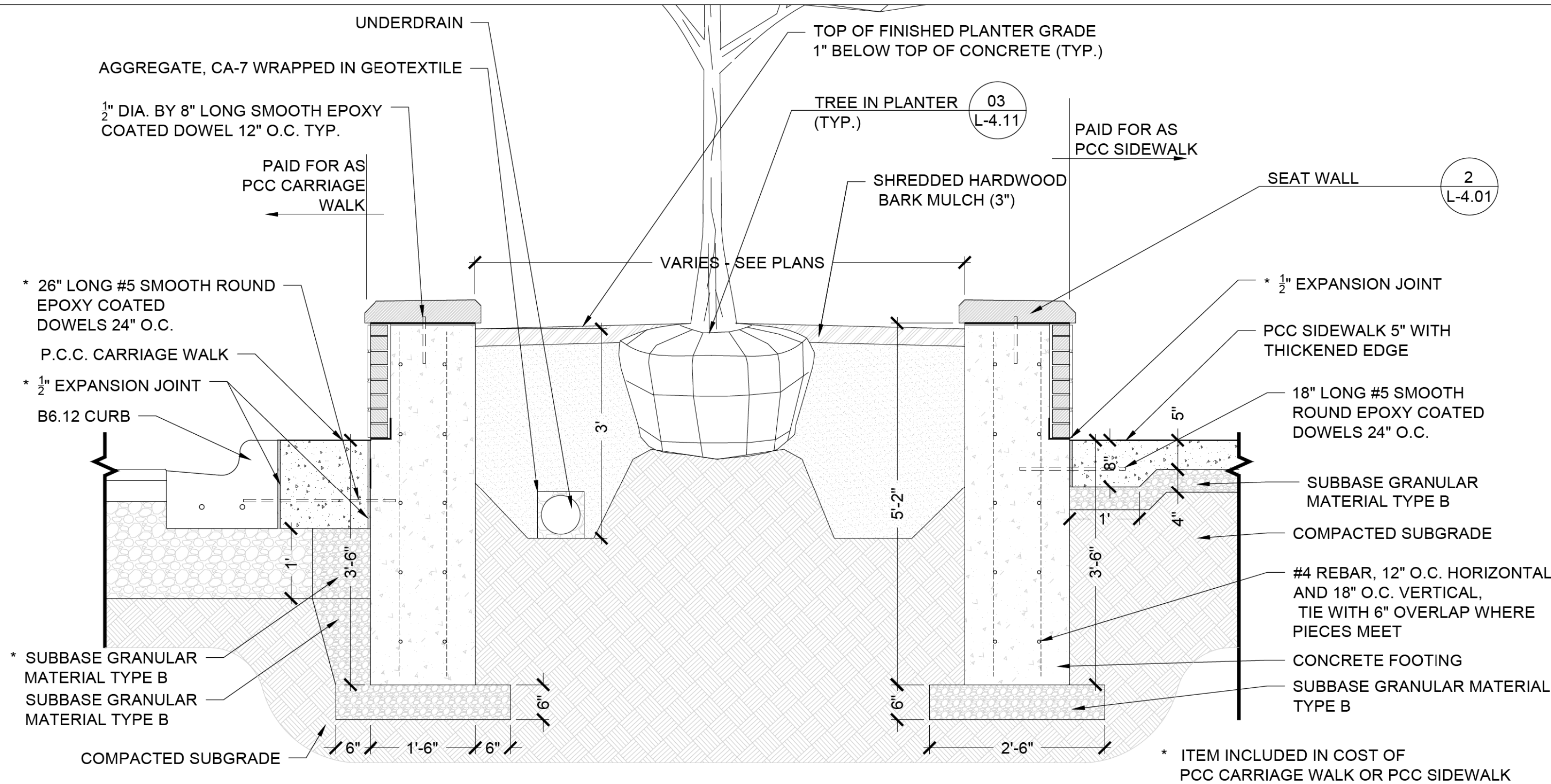
LEGEND

← - - - - - → PIPE UNDERDRAIN

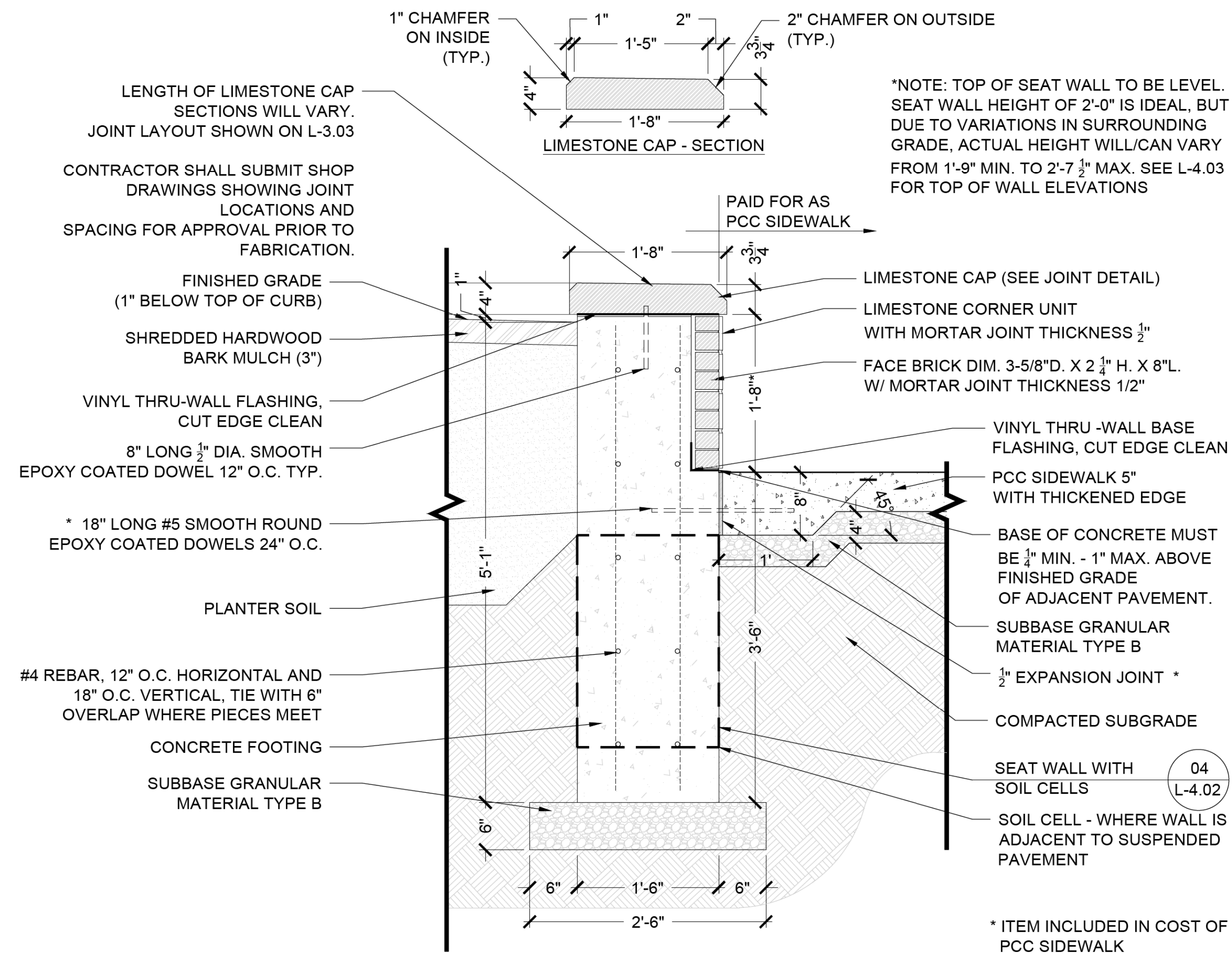
———— IRRIGATION MAINLINE

NOTE: PUD HAS 3.6' DEPTH

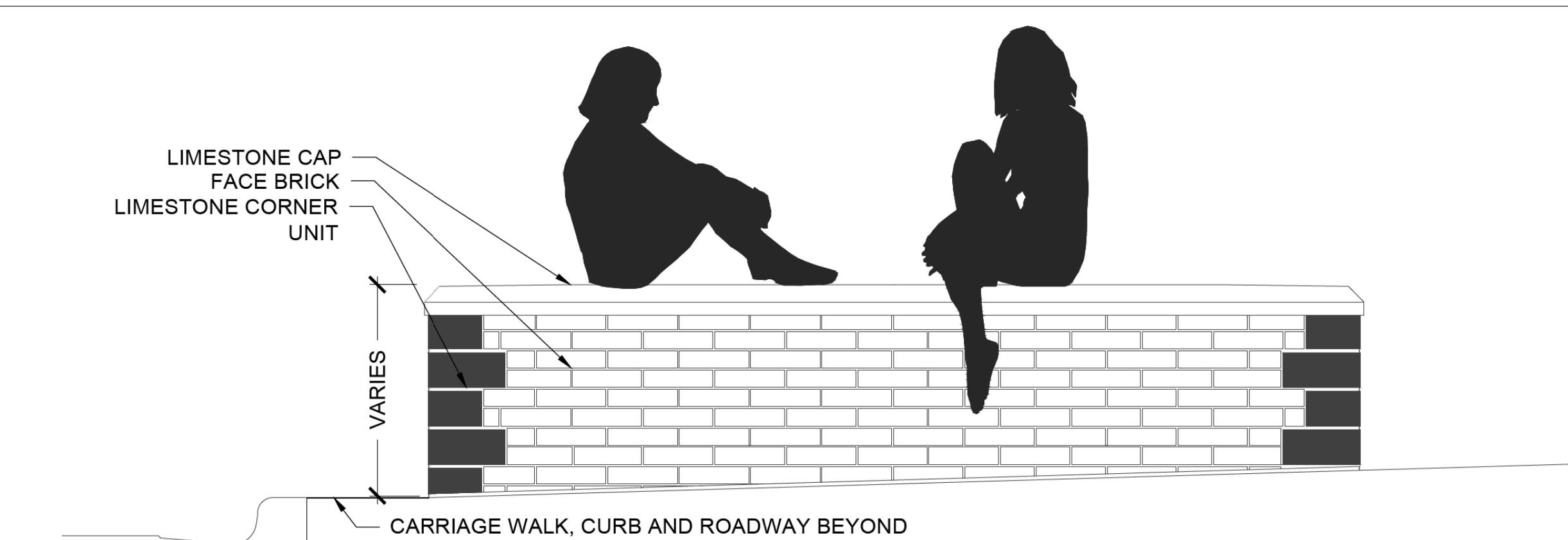
 Two Pierce Place, Suite 1400 Itasca, Illinois 60143 Tel: 630.773.3900 Fax: 630.773.3975 www.civiltechinc.com	DESIGNED — PJH	REVISED —	VILLAGE OF GLEN ELLYN	IRRIGATION PLANS	SHEET NO. OF SHEETS STA. TO STA.	F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
	DRAWN — PJH, JDM	REVISED —				XXXX	XX-XXXX-XX-XX	DUPAGE	137	91
	CHECKED — KRK, MJF	REVISED —				FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				
	DATE —	REVISED —								



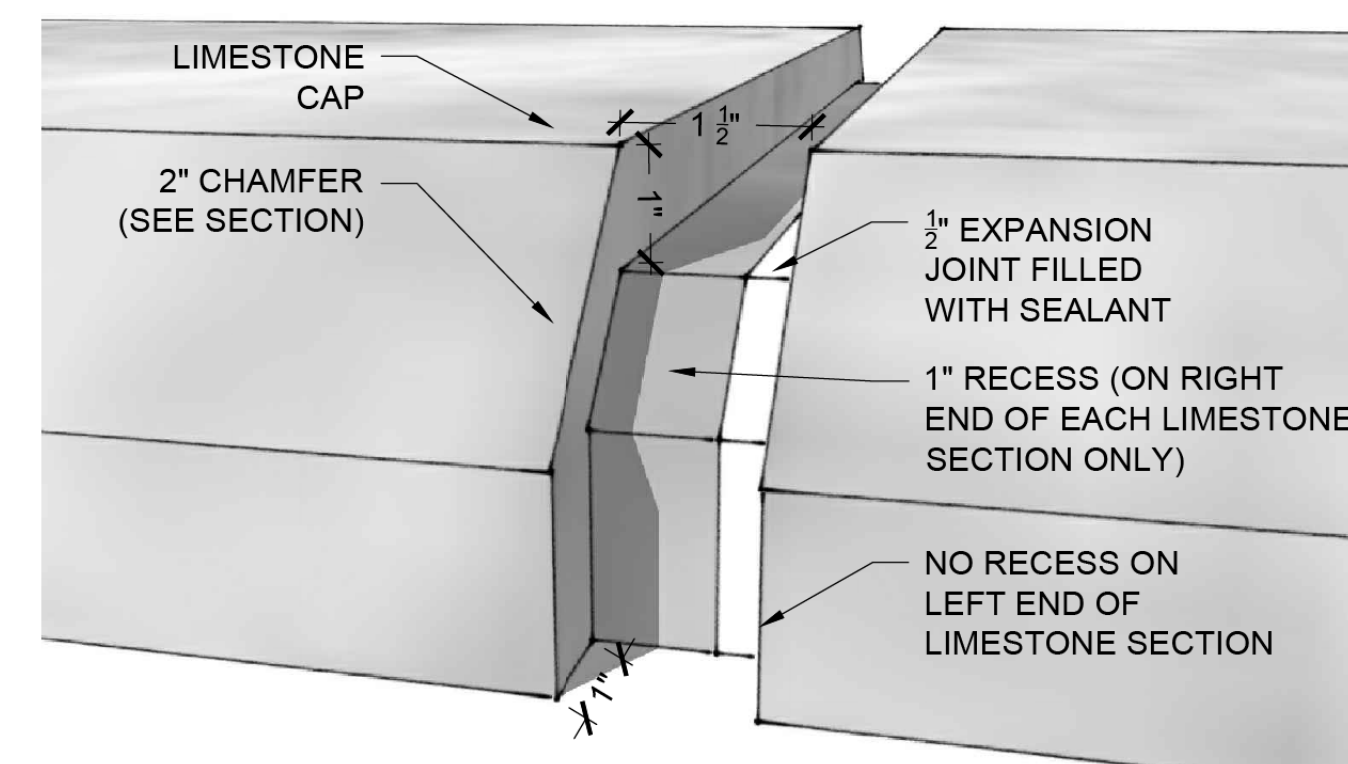
01 SEAT WALL - SECTION A (TYP.)
3/4" = 1' - 0"



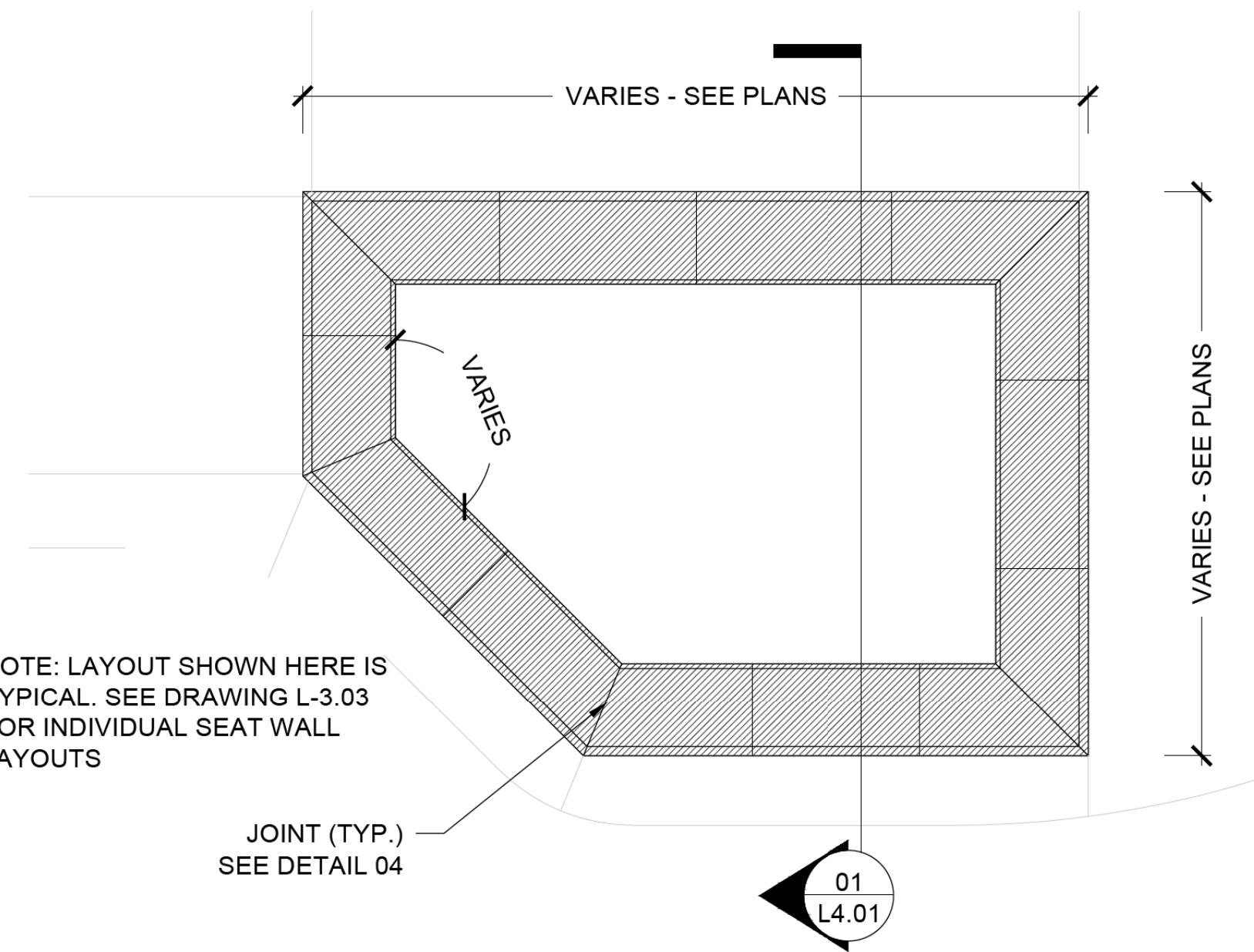
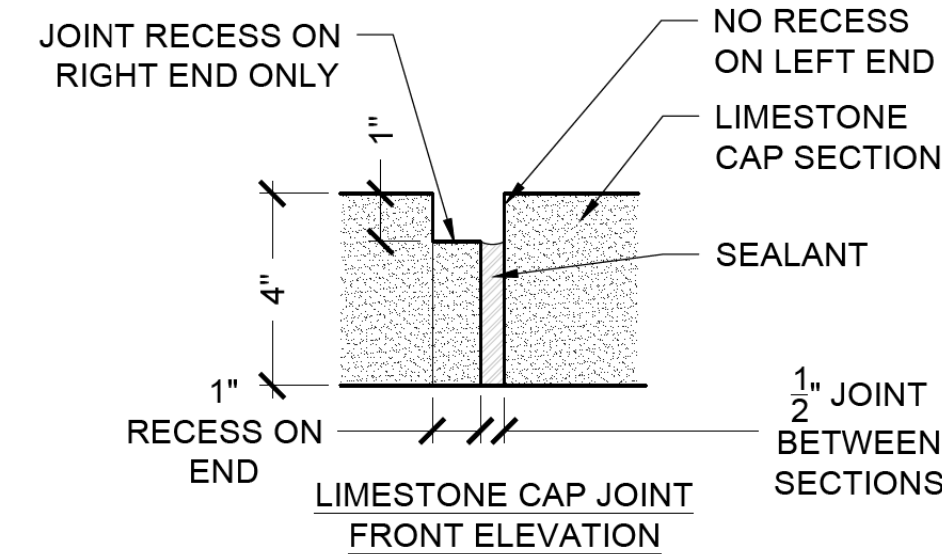
02 SEAT WALL - TYP. SECTION
1" = 1' - 0"



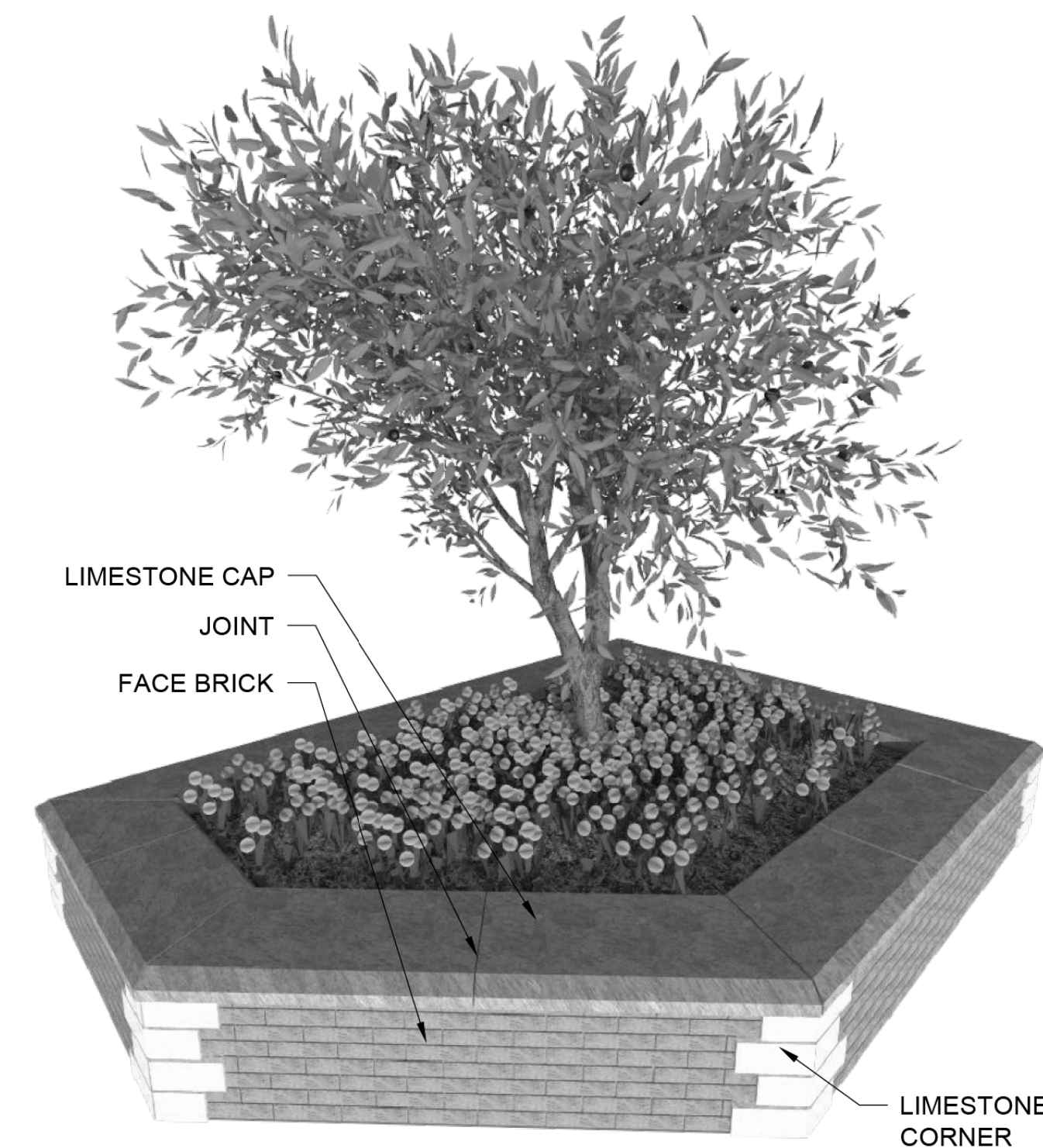
03 SEAT WALL - TYP. ELEVATION
3/4" = 1' - 0"



04 SEAT WALL - JOINT DETAIL
NTS



05 SEAT WALL - TYP. LAYOUT
3/8" = 1' - 0"



05 SEAT WALL - OVERALL
SCALE= NTS

L-4.01



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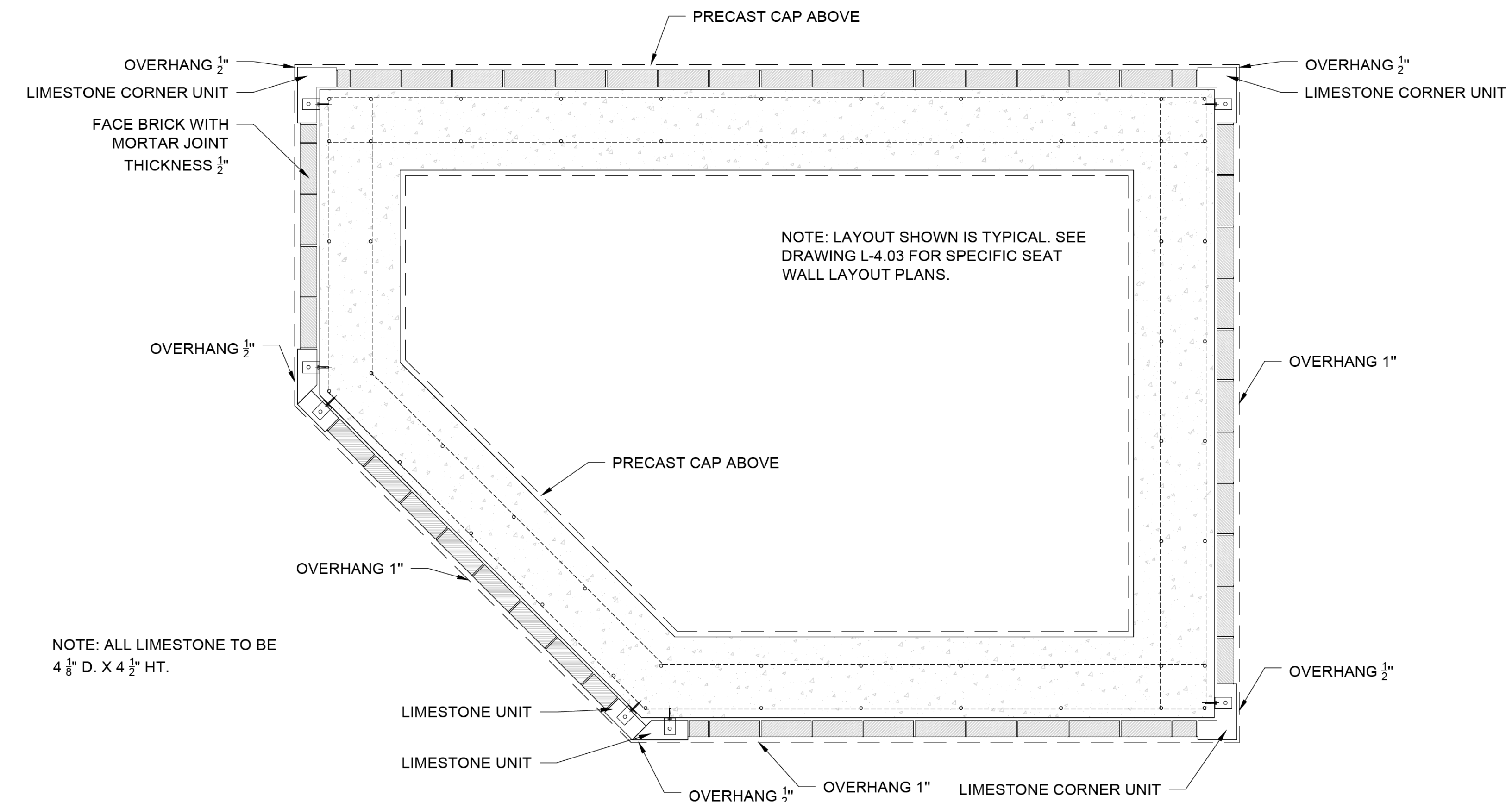
DESIGNED — PJH	REVISED —
DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, MJF	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

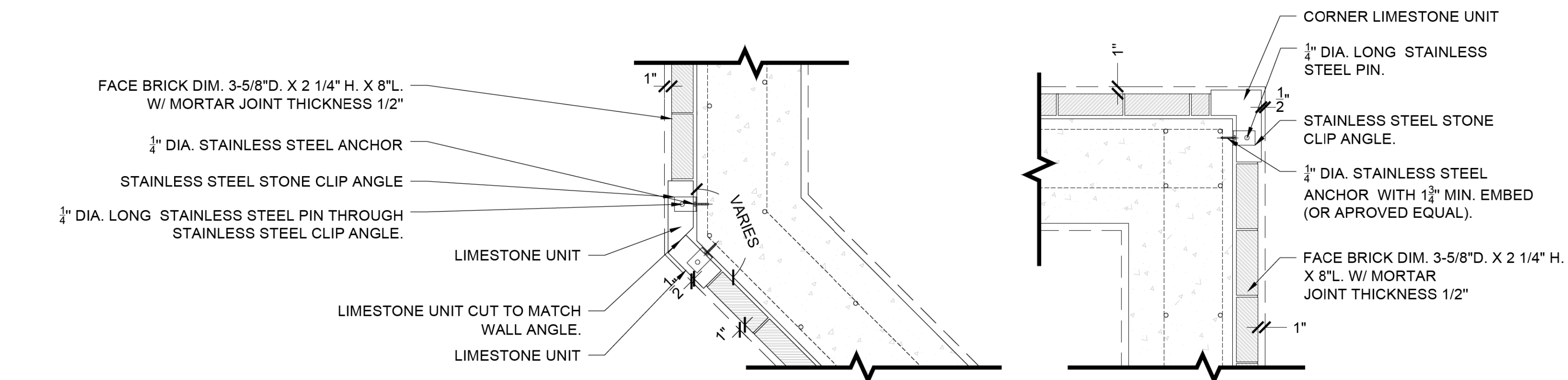
SEAT WALL DETAILS

SHEET NO. OF SHEETS STA. TO STA.

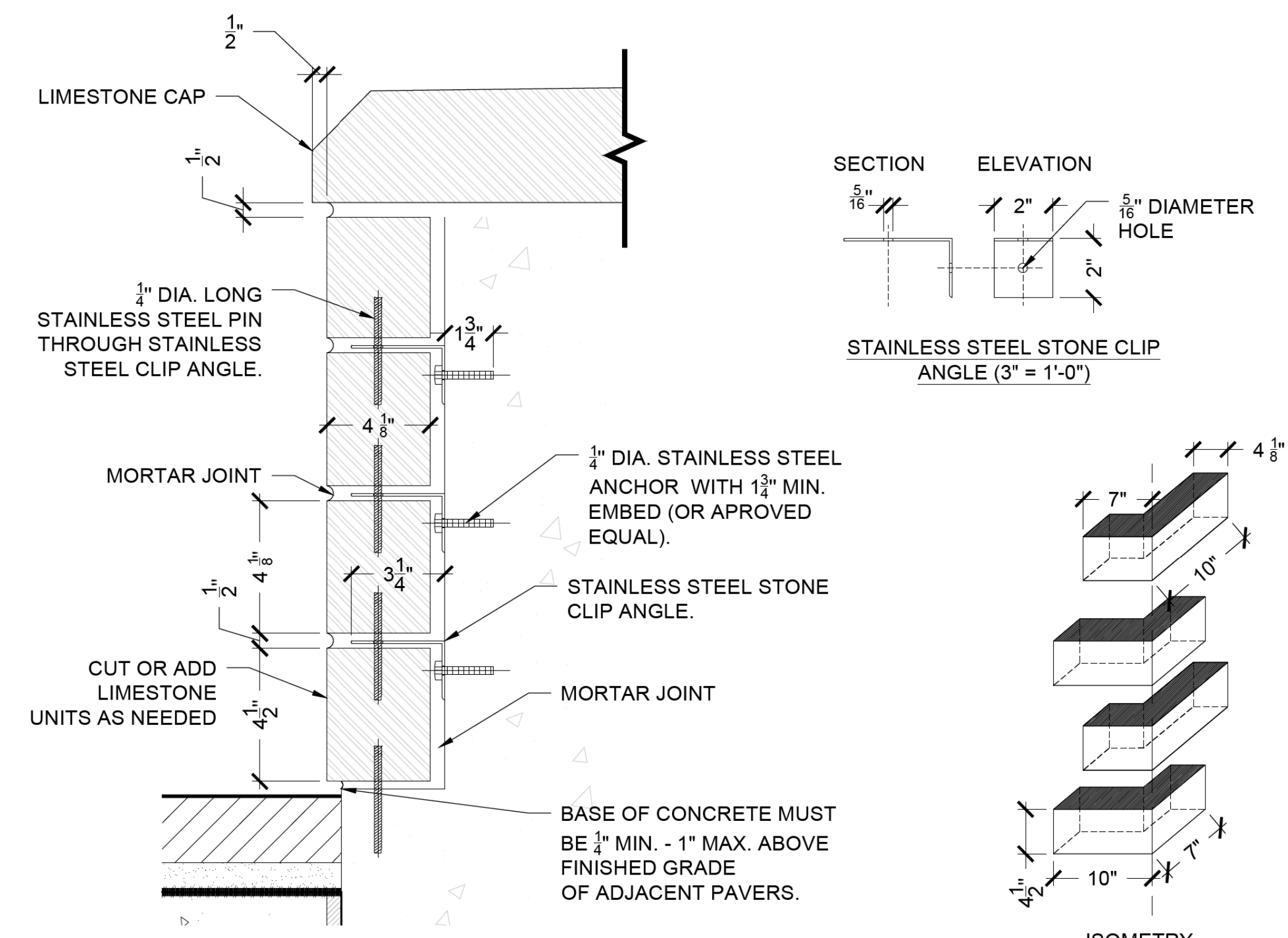
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	137	92
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



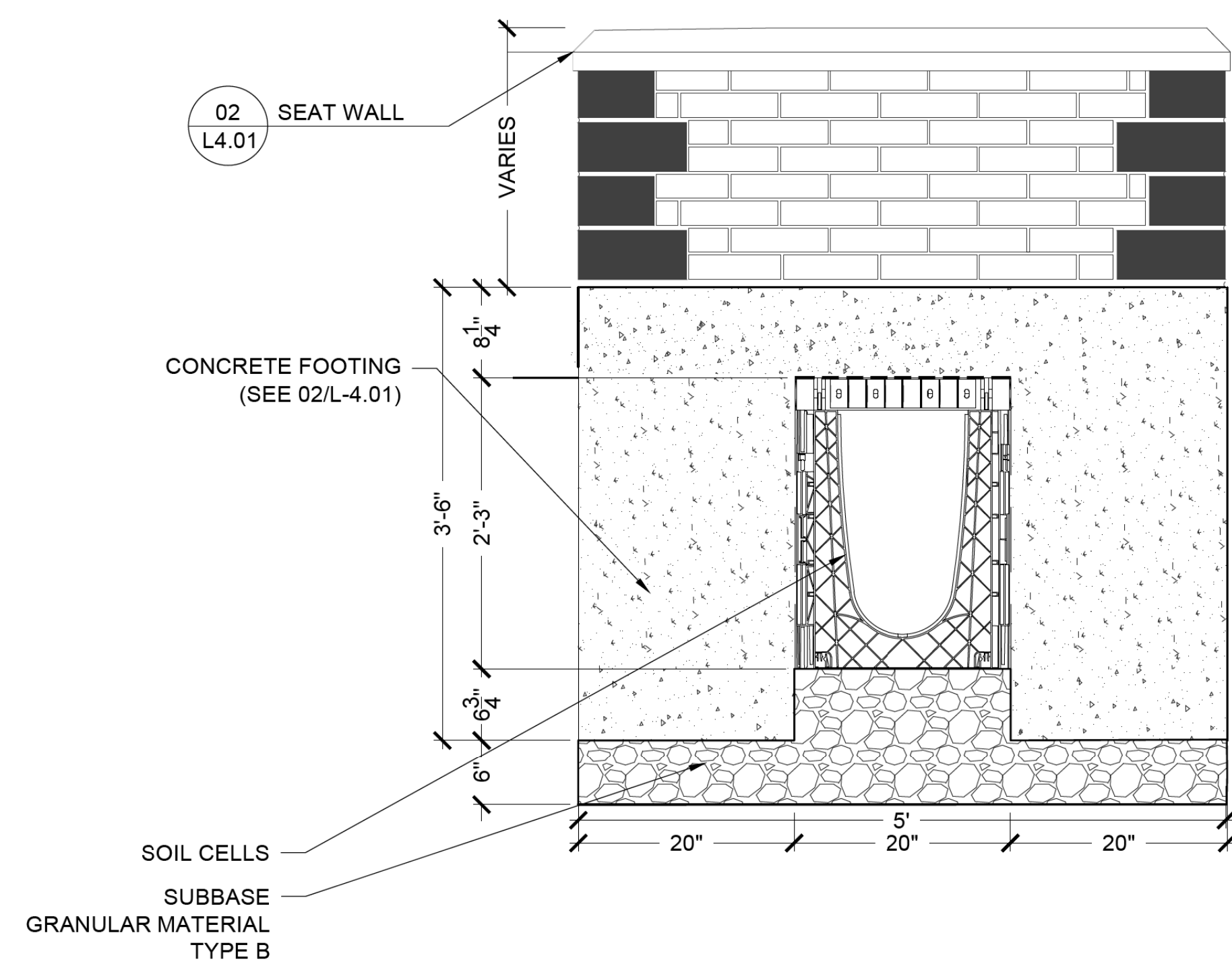
01 SEAT WALL - PLAN VIEW (TYP. LIMESTONE AND BRICK WALL ATTACHMENT)
3/4" = 1' - 0"



03 SEAT WALL LIMESTONE AND BRICK WALL ATTACHMENT - PLAN
1" = 1' - 0"



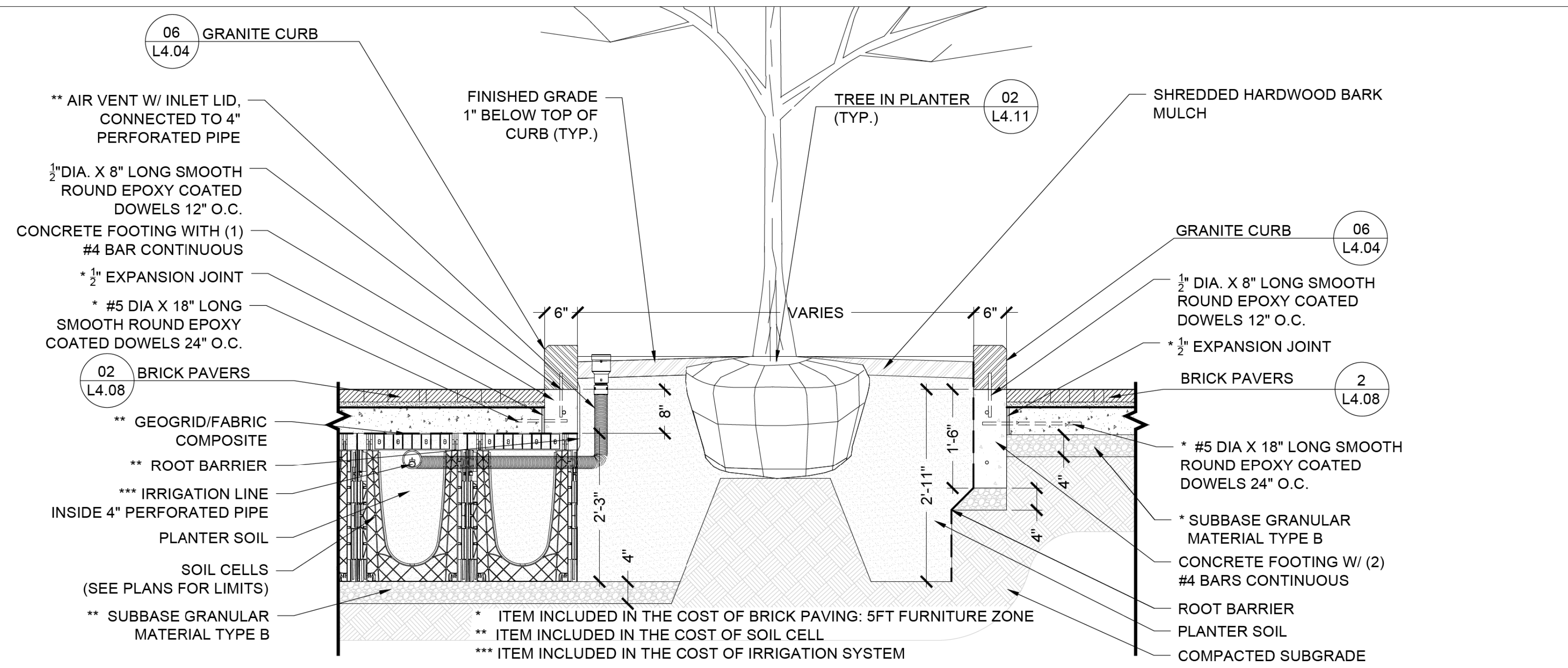
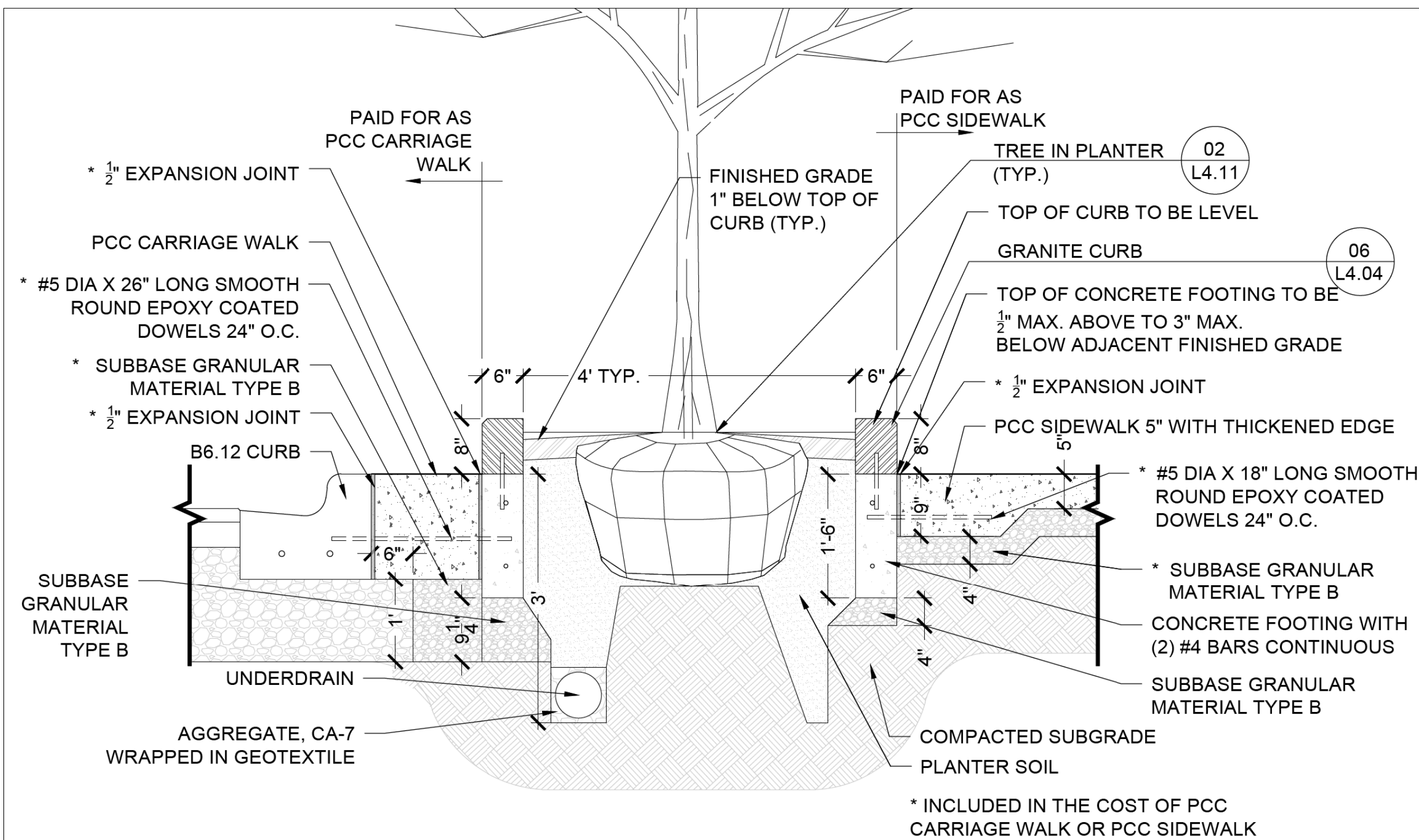
02 SEAT WALL LIMESTONE CORNER - SECTION
3" = 1' - 0"



04 SEATWALL WITH SOIL CELLS
1" = 1' - 0"

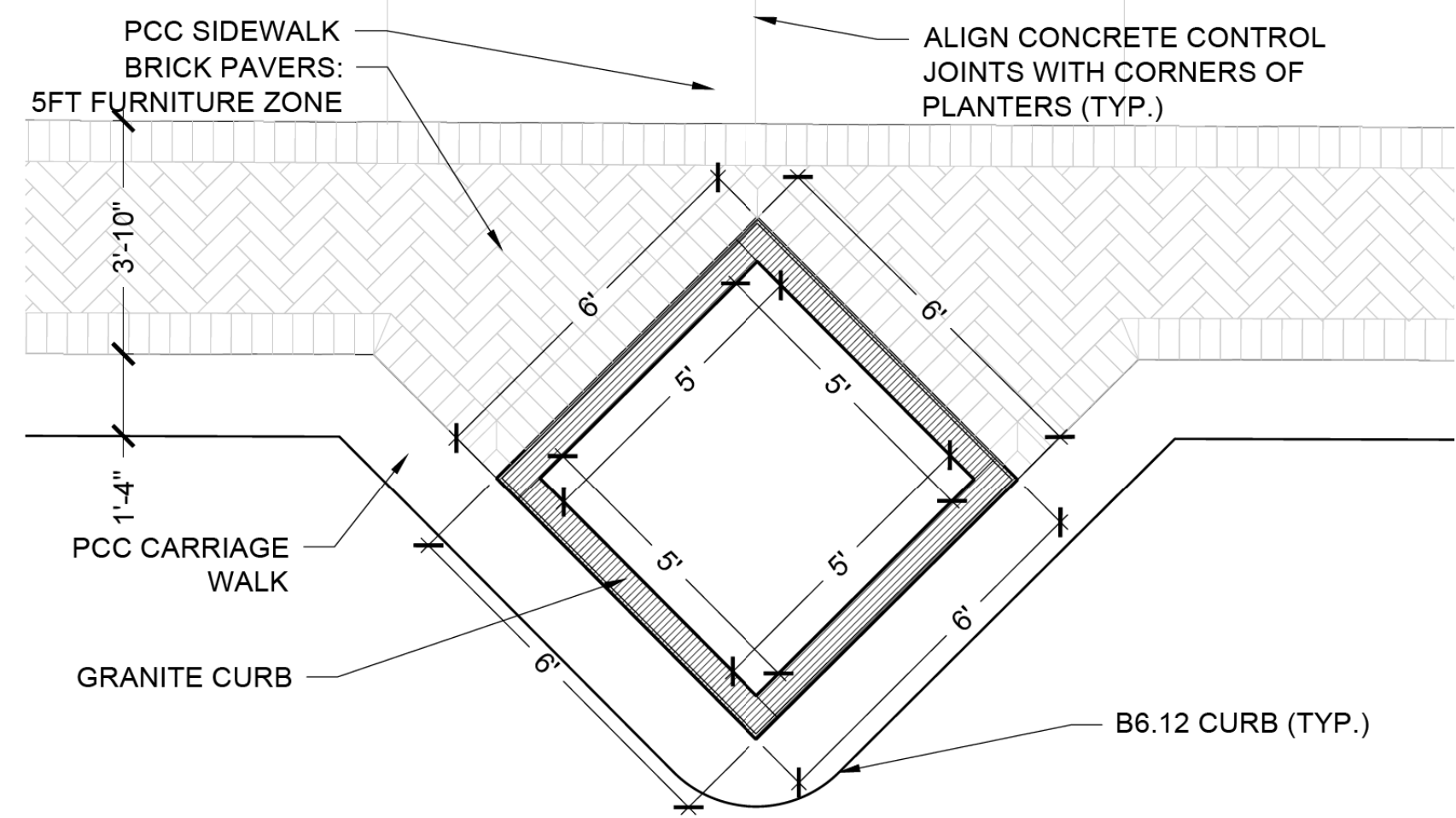
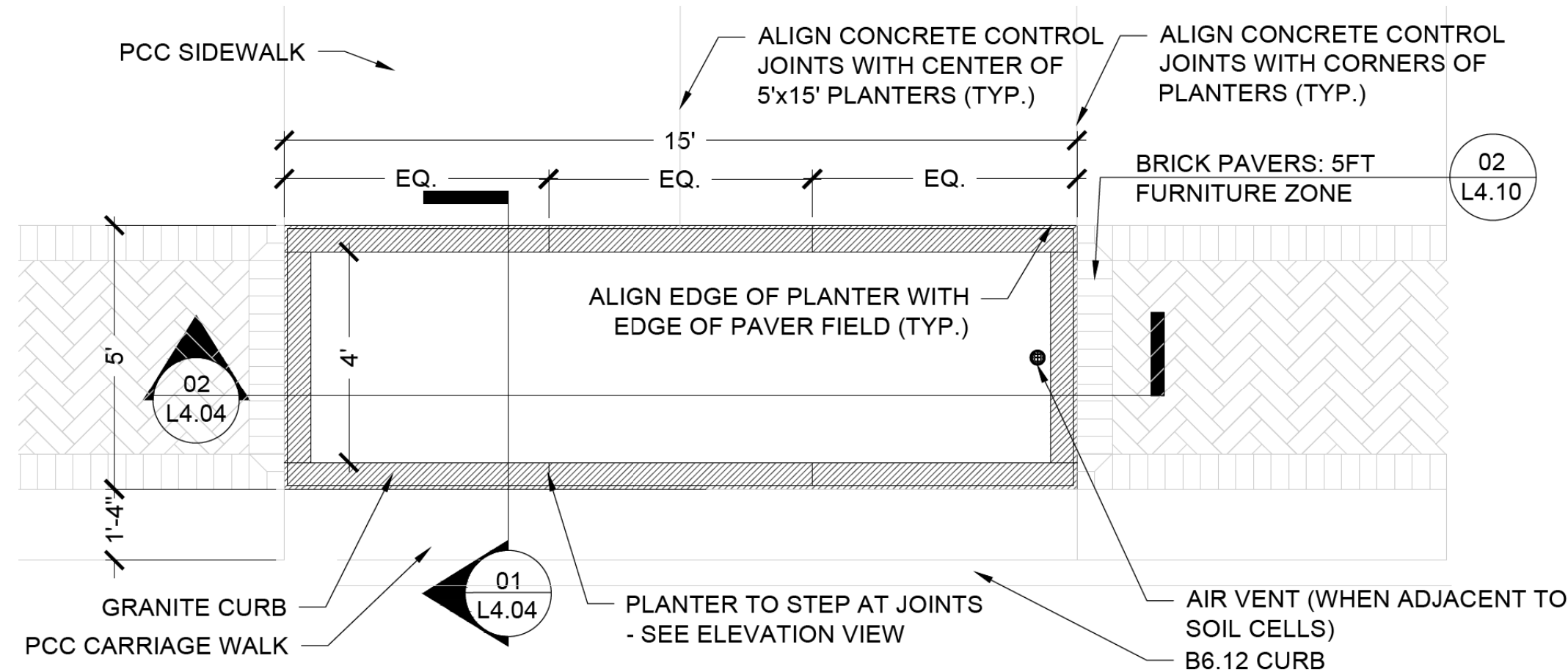
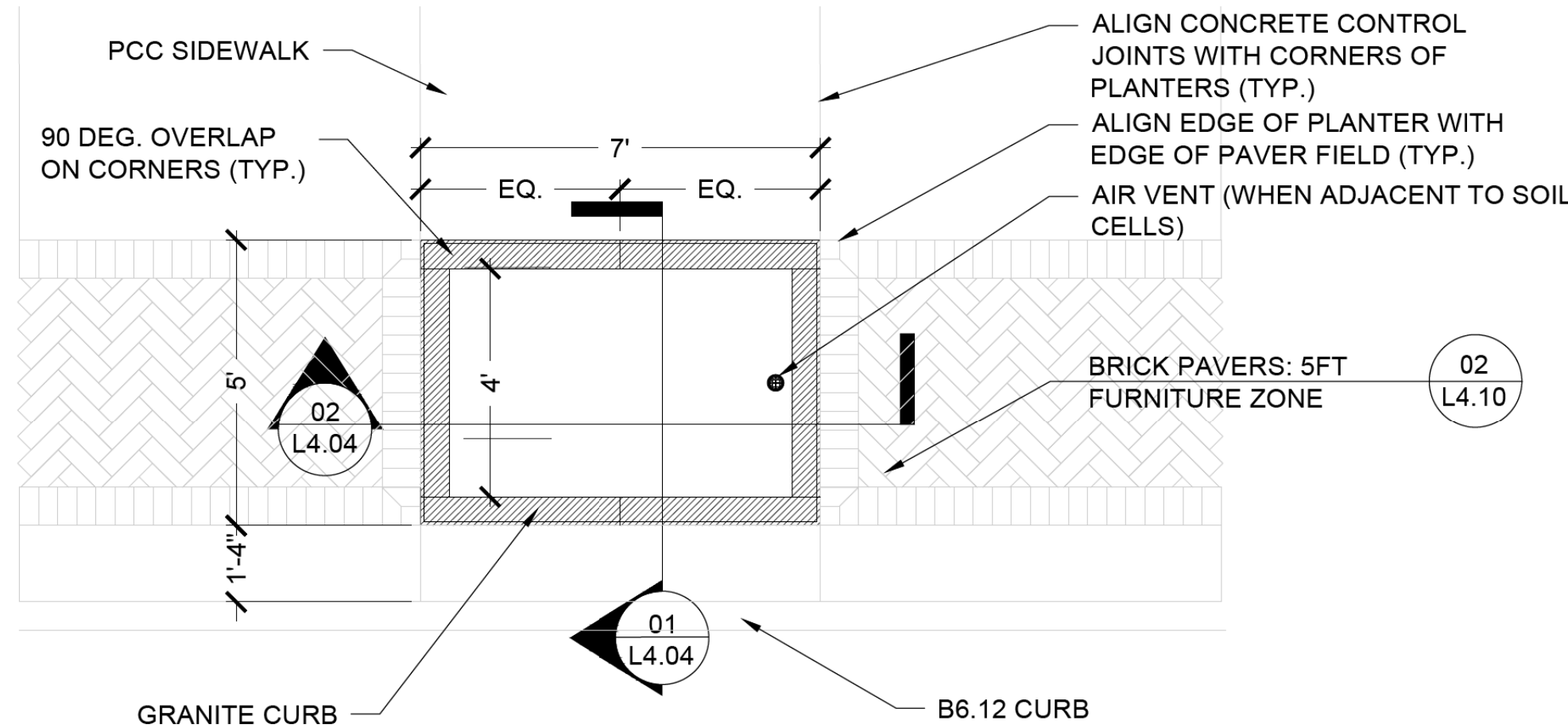


NOTE: SIZES PROVIDED FOR REFERENCE -
CONTRACTOR TO SUBMIT SHOP DRAWINGS FOR
LIMESTONE PRIOR TO FABRICATION.



01 GRANITE CURB PLANTER - TYP. SECTION A
3/4" = 1' - 0"

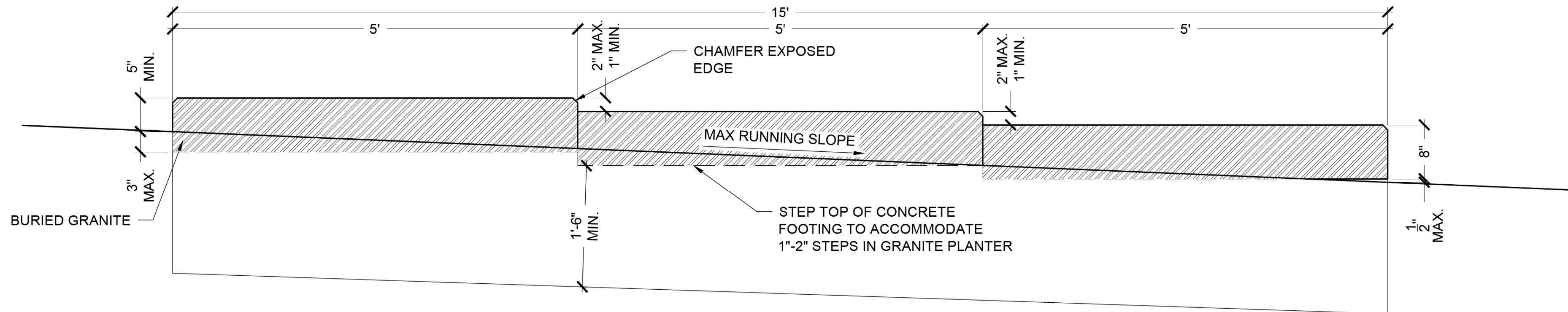
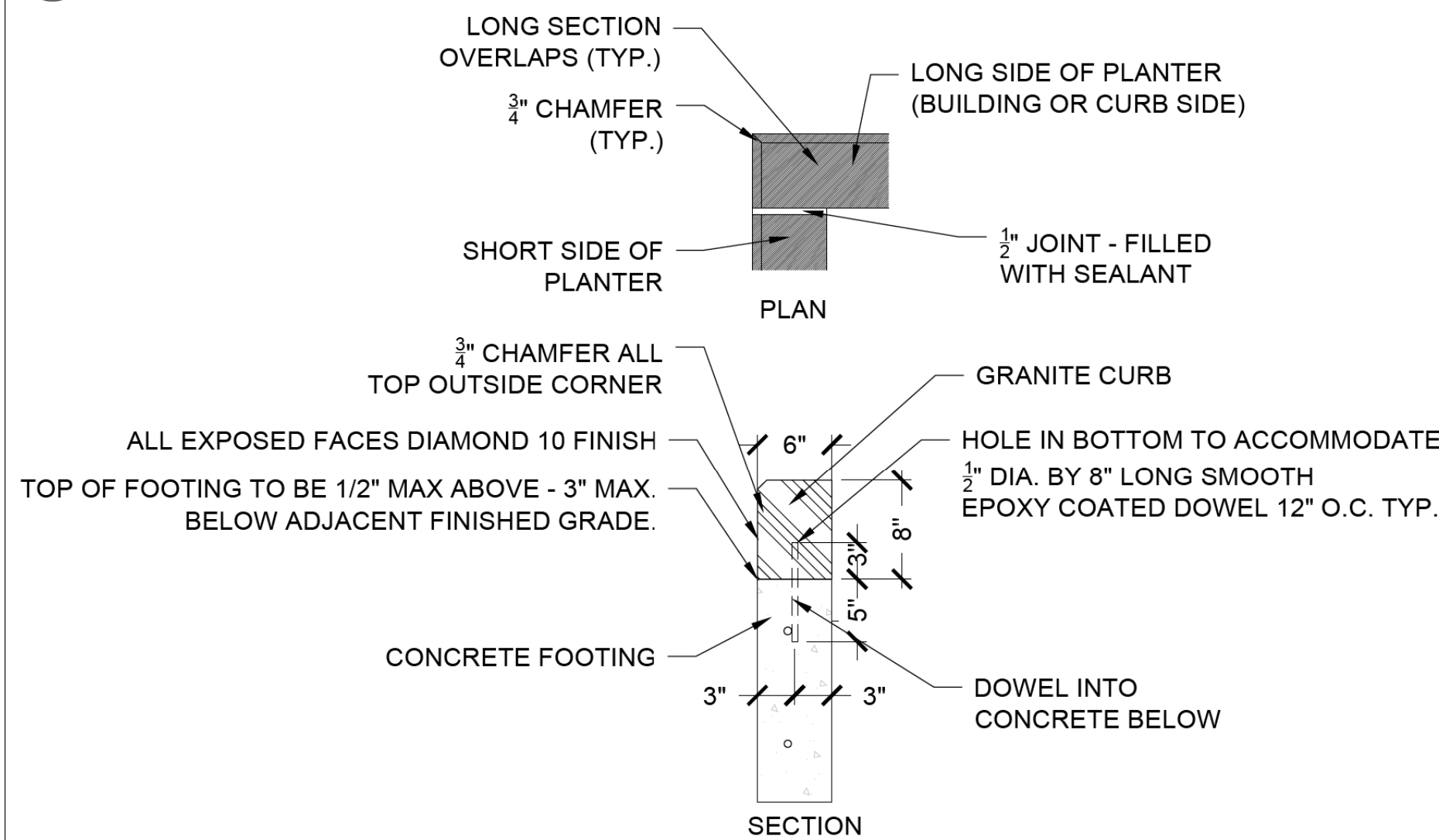
02 GRANITE CURB PLANTER - TYP. SECTION B
3/4" = 1' - 0"



03 GRANITE CURB PLANTER 5' X 7' - TYP. LAYOUT
3/8" = 1' - 0"

04 GRANITE CURB PLANTER: 5' X 15' - TYP. LAYOUT
3/8" = 1' - 0"

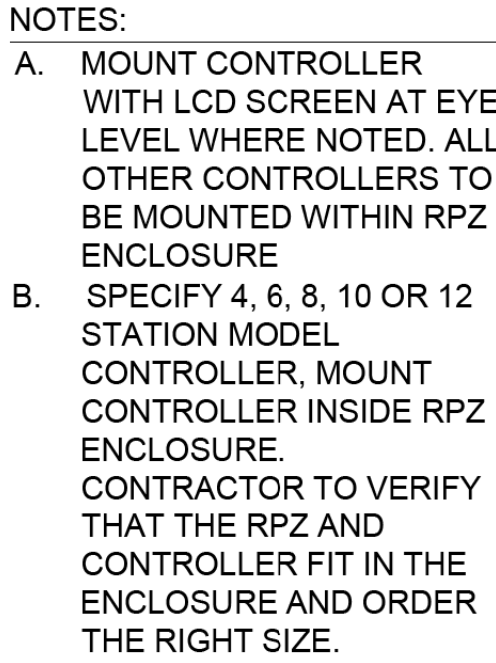
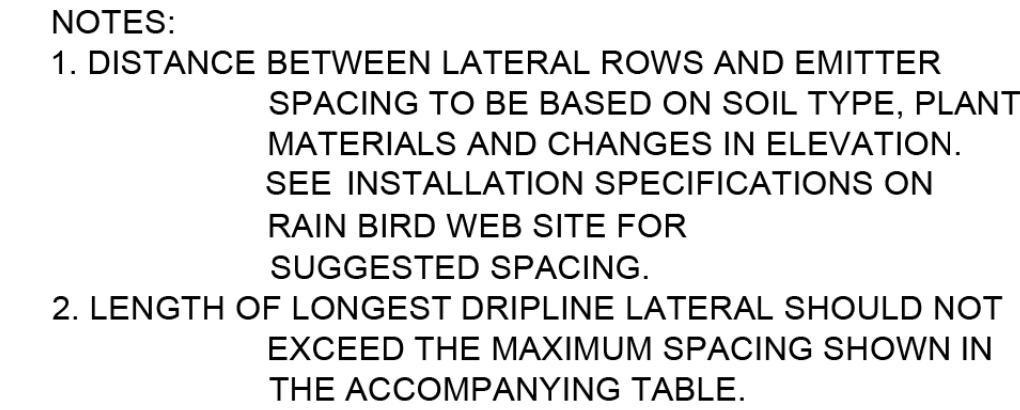
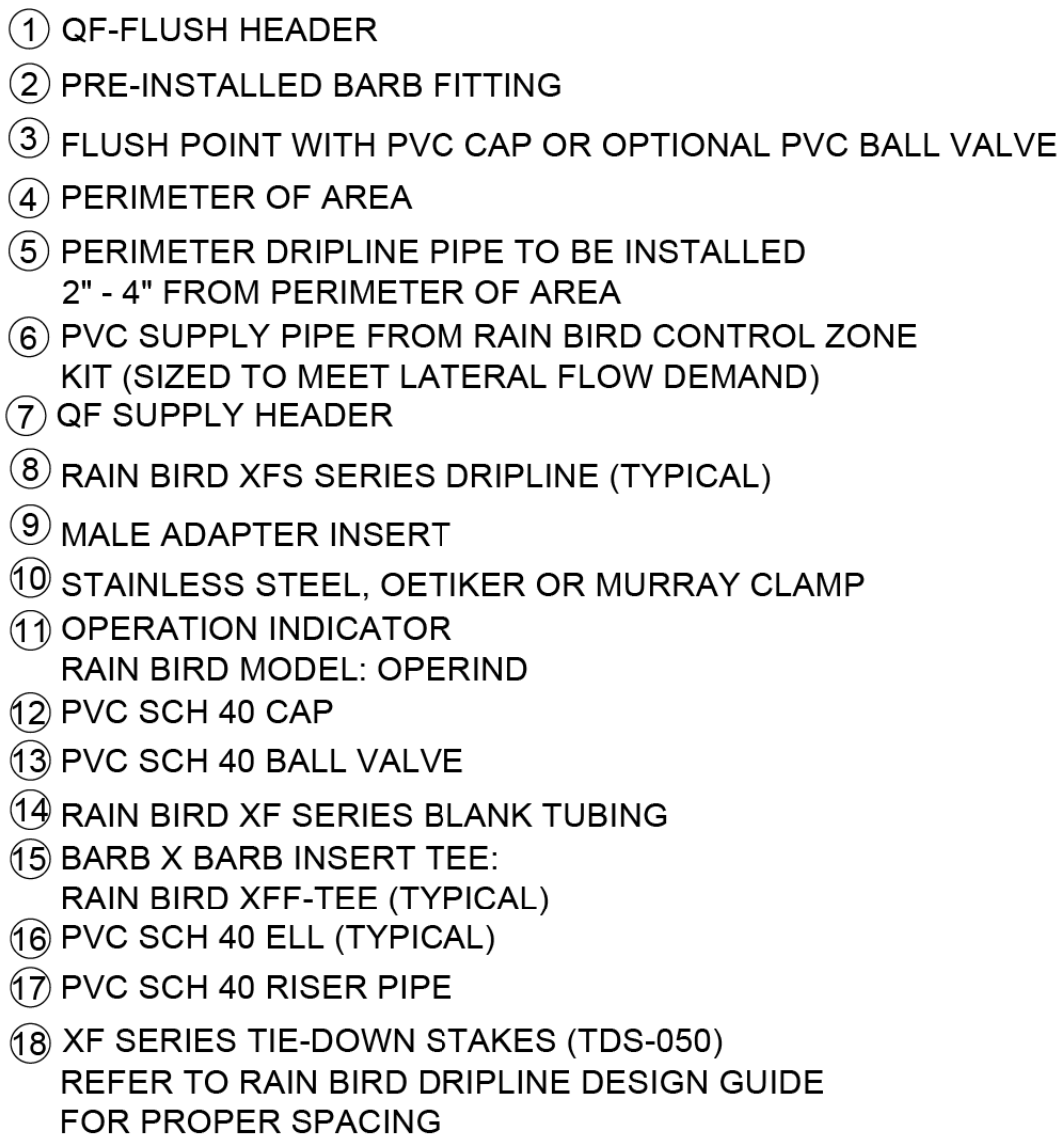
05 GRANITE CURB PLANTER: 6' X 6' - TYP. LAYOUT
3/8" = 1' - 0"



06 GRANITE CURB - DETAIL
1" = 1' - 0"

07 GRANITE CURB PLANTER: 5'X15' - ELEVATION
1" = 1' - 0"

L-4.04


$$1\frac{1}{2}'' = 1' - 0''$$

$$1\ 1/2'' = 1' - 0''$$


LENGTH OF RUN CHART (FEET)

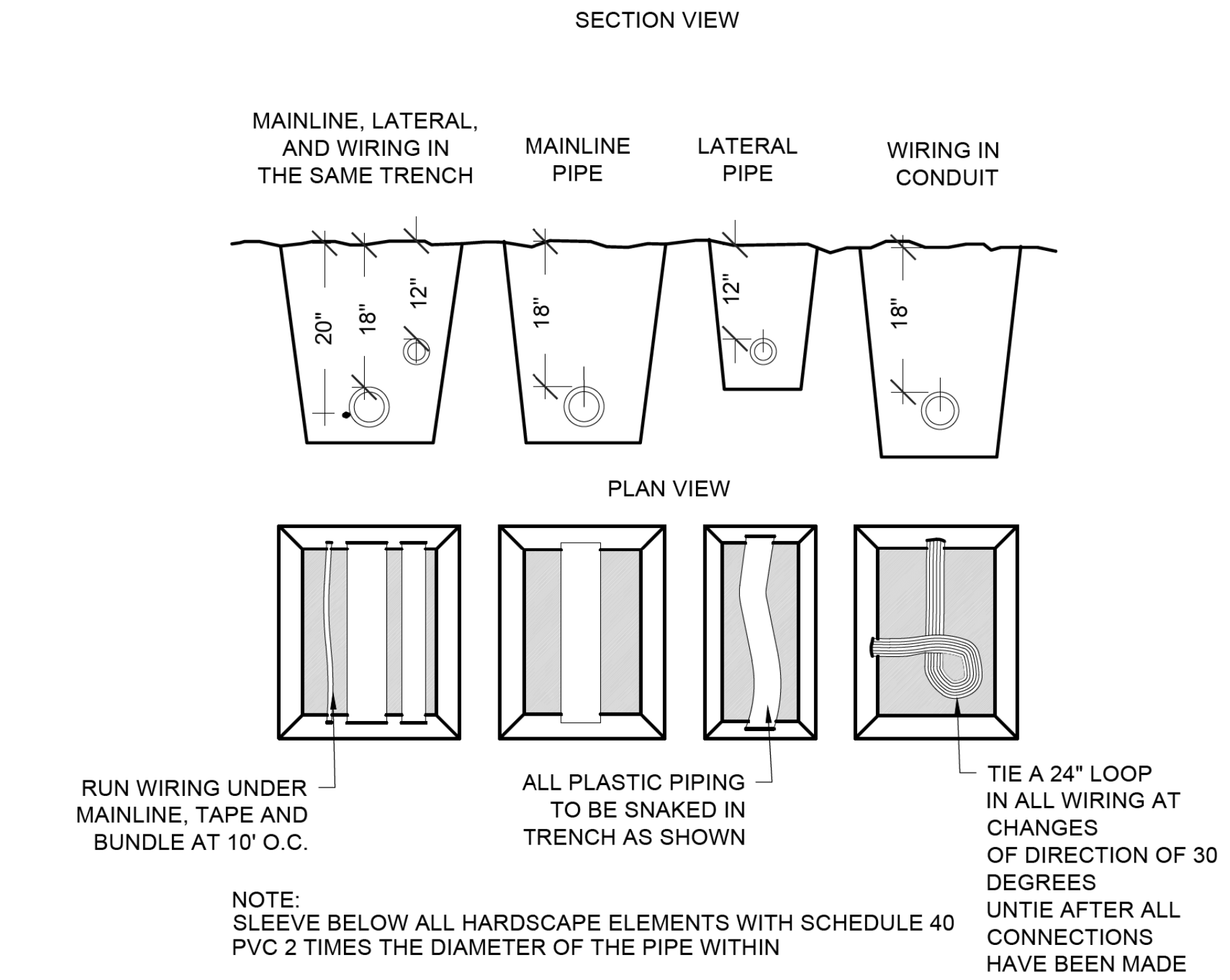
		EMITTER FLOW RATE (GPH)			
		0.58	0.58	0.92	0.92
		EMITTER SPACING (INCHES)			
INLET PRESSURE (PSI)	12 IN	18 IN	12 IN	18 IN	
	15	169	236	125	175
	20	230	323	171	239
	25	270	379	200	282
	30	301	424	222	314
	35	327	460	242	341
	40	349	492	258	364
	45	369	521	273	386
	50	387	547	286	405
	55	404	570	299	422
60	420	593	310	439	


$$\frac{3}{4}'' = 1' - 0''$$

DESIGNED — PJH	REVISED —
DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, MJF	REVISED —
DATE —	REVISED —

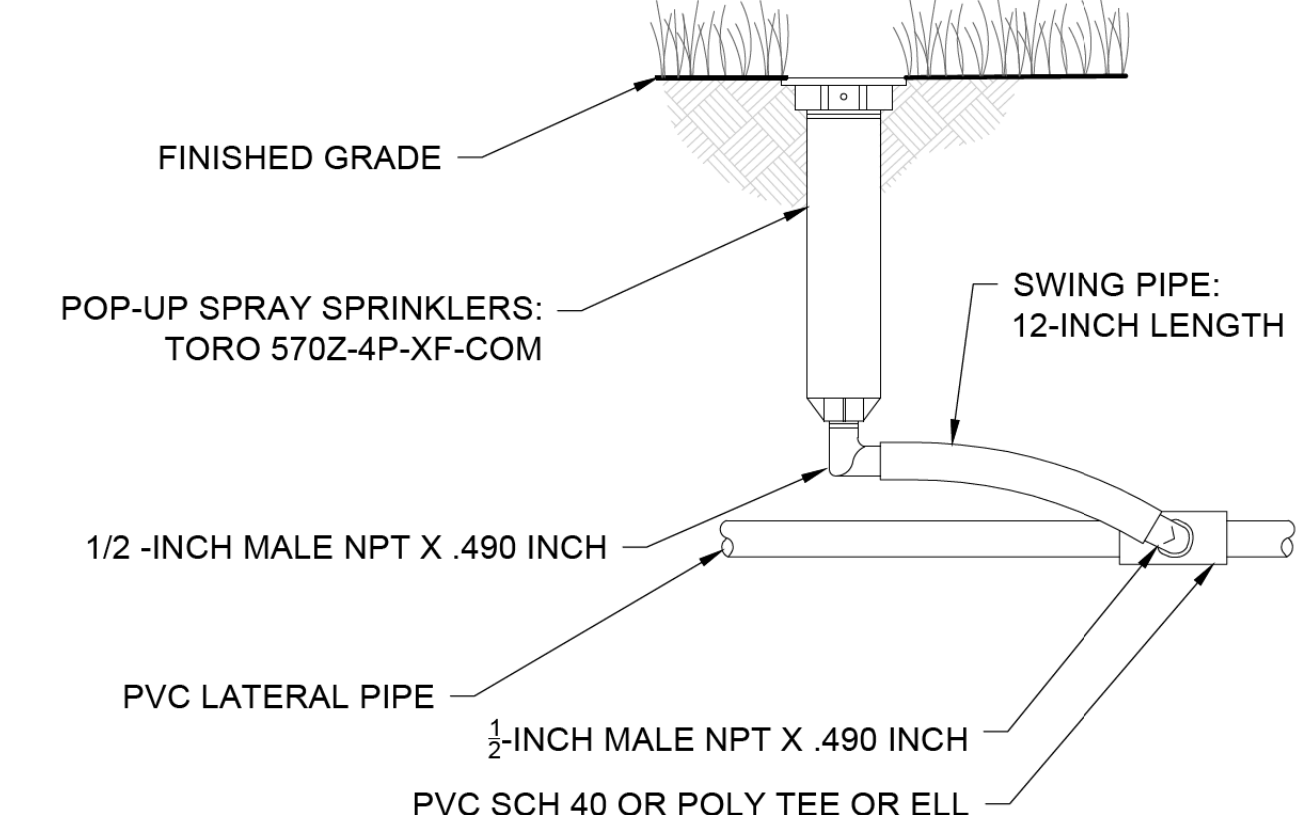
IRRIGATION DETAILS

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXXX-XX-XX	DUPAGE	137	96
FED. ROAD DIST. NO. 1 ILLINOIS		FED. AID PROJECT		



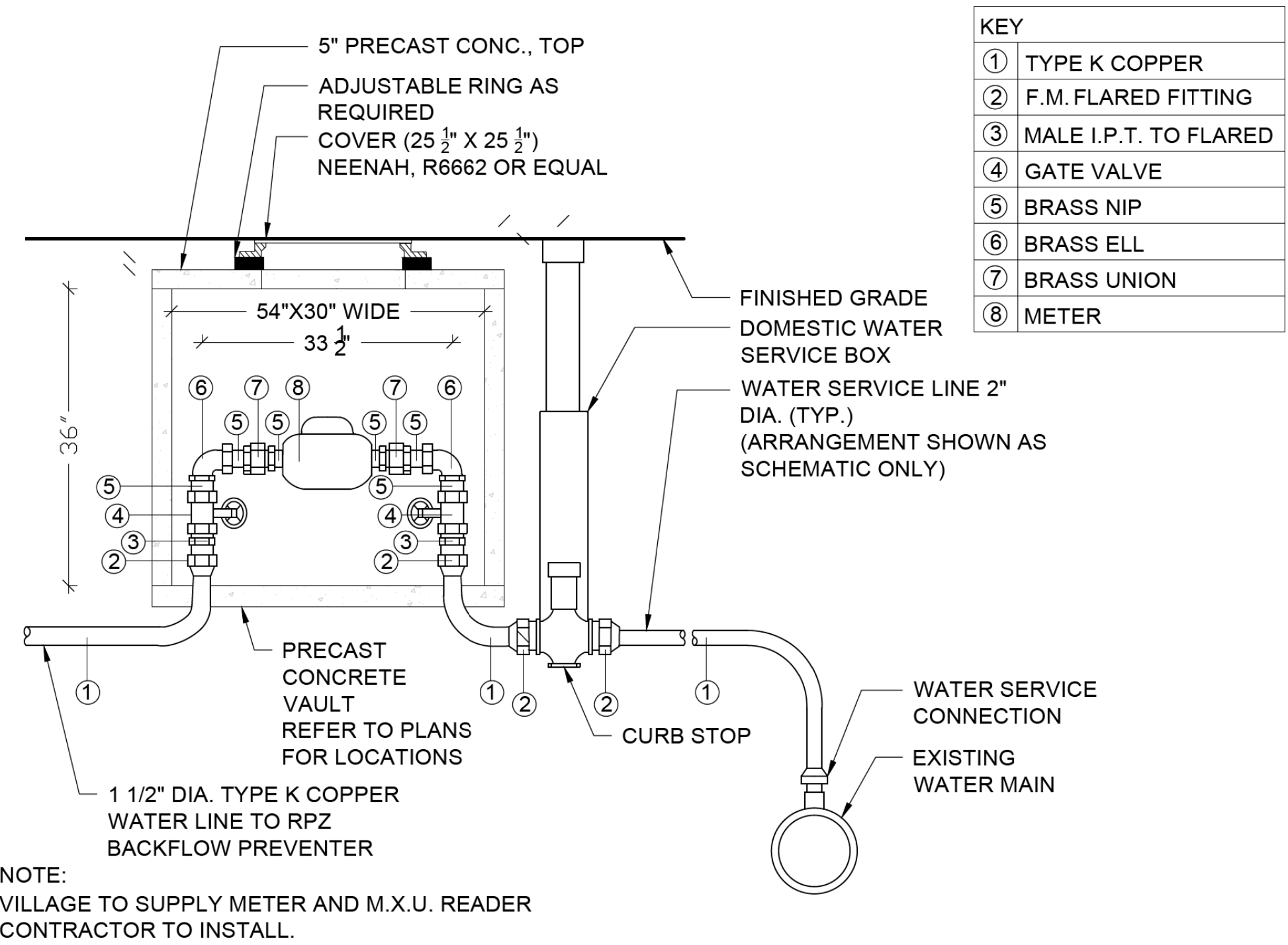
01 PIPE & WIRE TRENCHING

NTS



02 POP-UP SPRAY HEAD WITH SWING ARM - TYP.

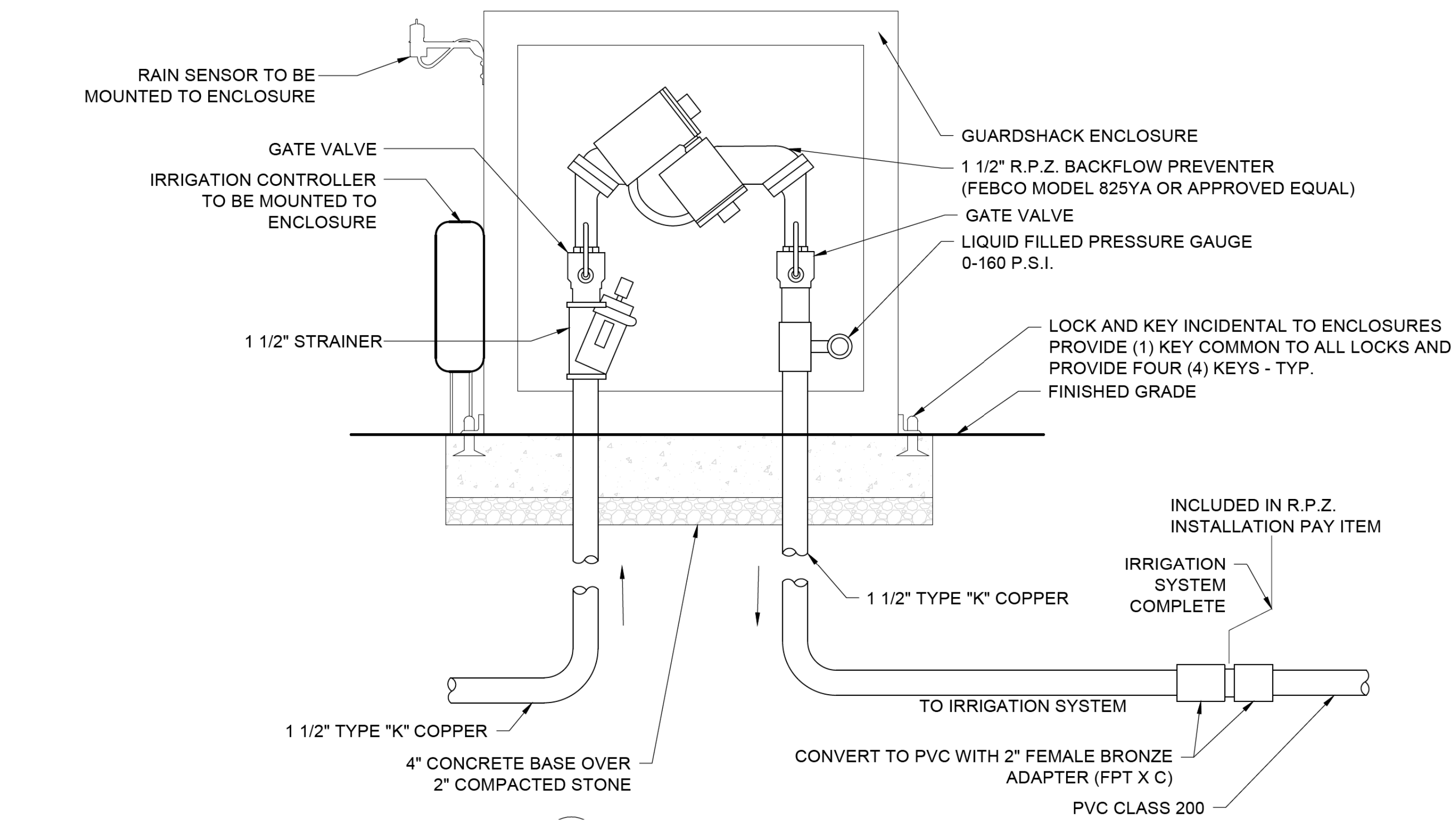
1 1/2" = 1' - 0"



03 WATER METER IN VAULT

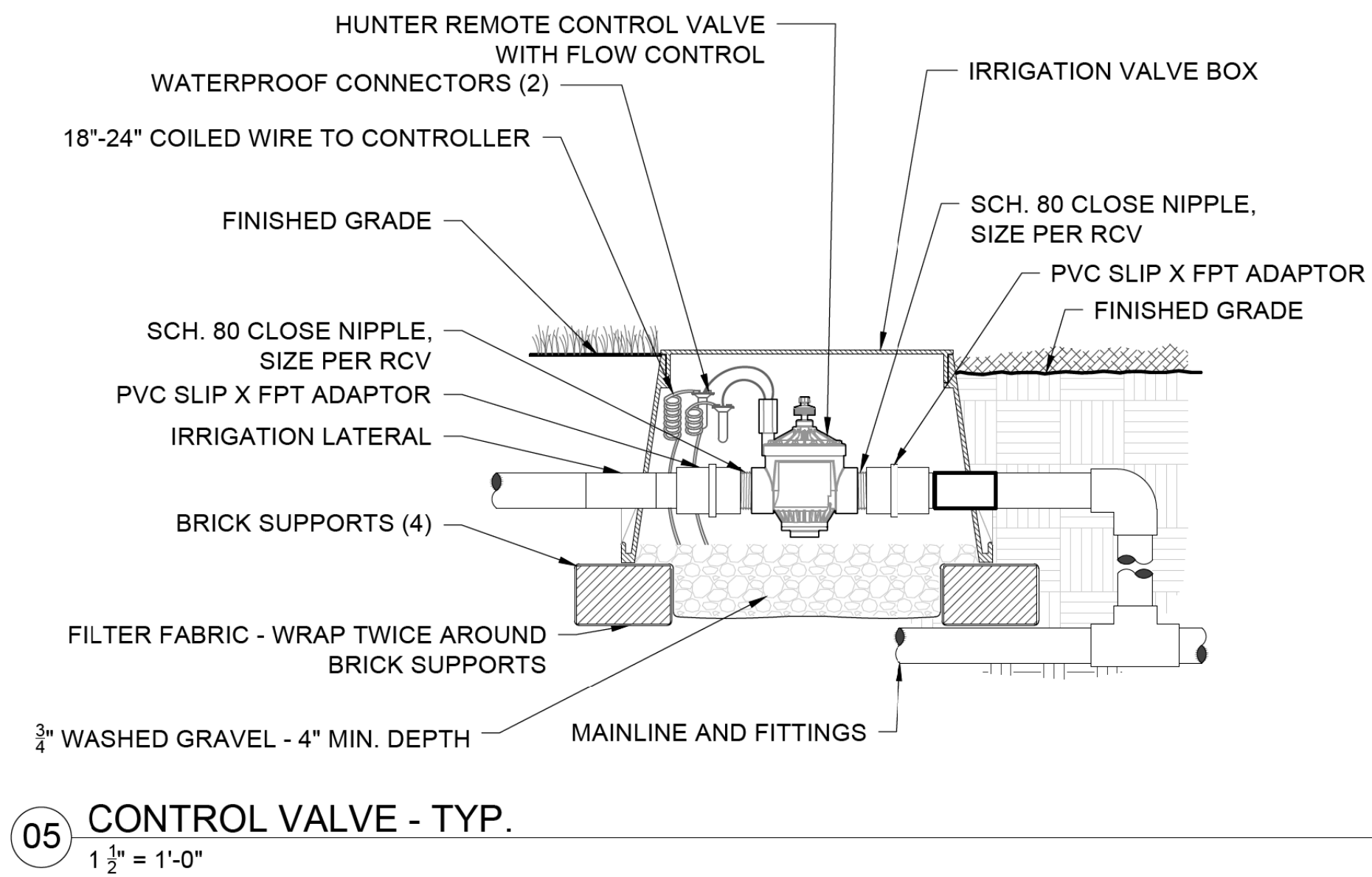
NTS

KEY	
①	TYPE K COPPER
②	F.M. FLARED FITTING
③	MALE I.P.T. TO FLARED
④	GATE VALVE
⑤	BRASS NIP
⑥	BRASS ELL
⑦	BRASS UNION
⑧	METER



04 RPZ INSTALLATION DETAIL - TYP.

1 1/2" = 1' - 0"



05 CONTROL VALVE - TYP.

1 1/2" = 1'-0"



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DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, MJF	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

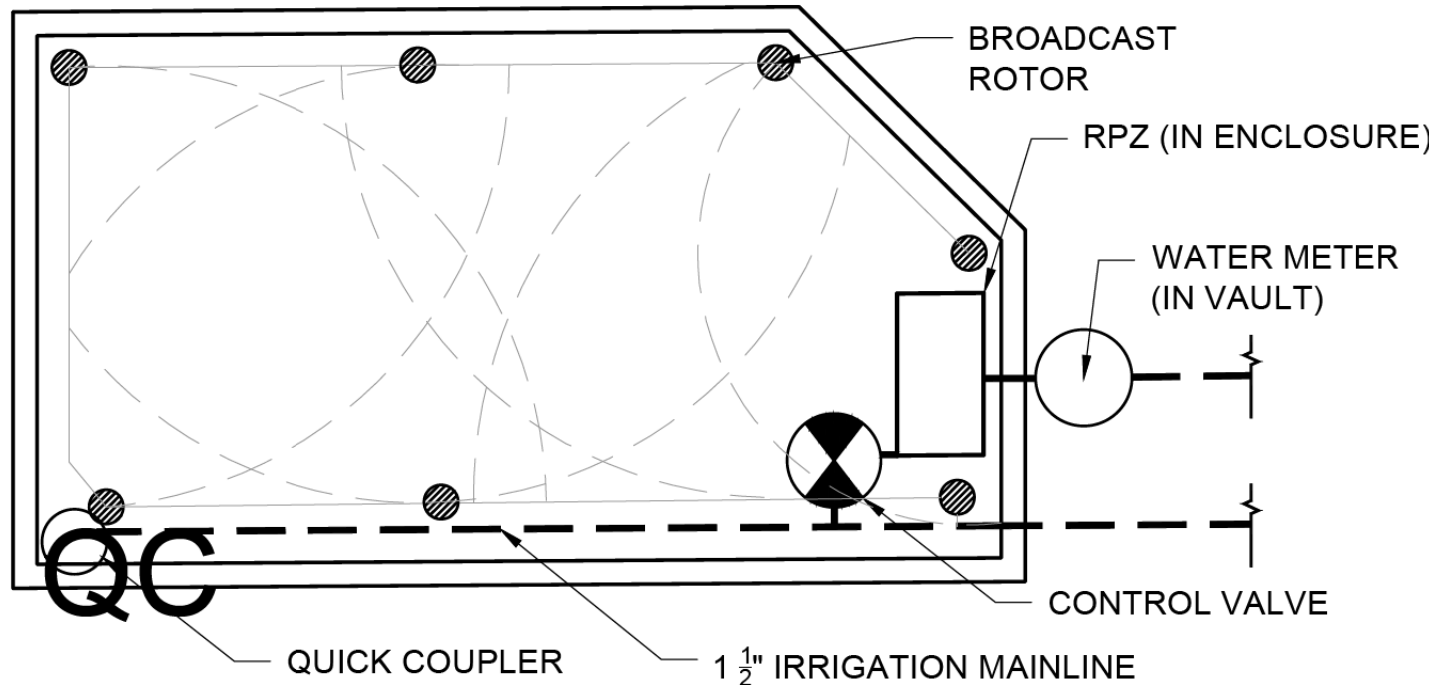
IRRIGATION LAYOUT

SHEET NO. OF SHEETS STA. TO STA.

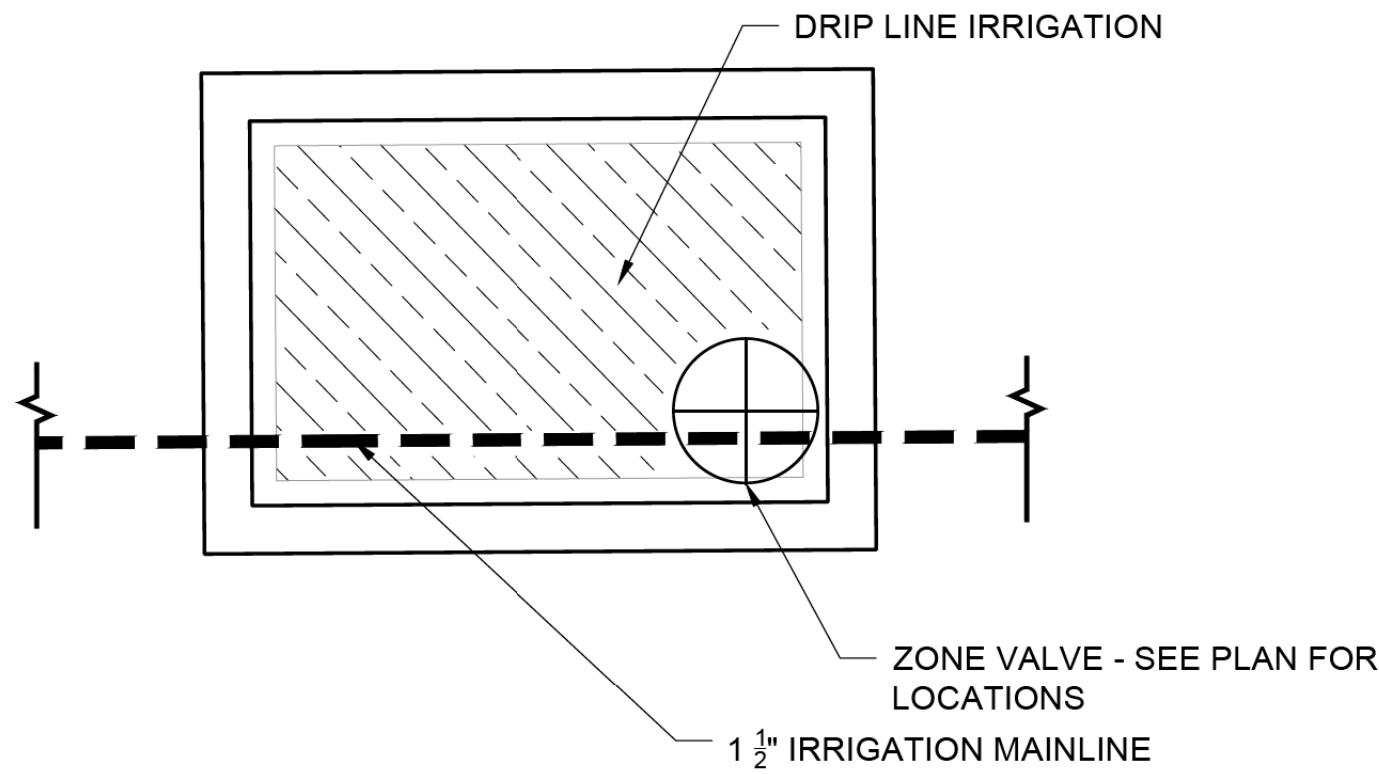
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
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FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

L-4.06

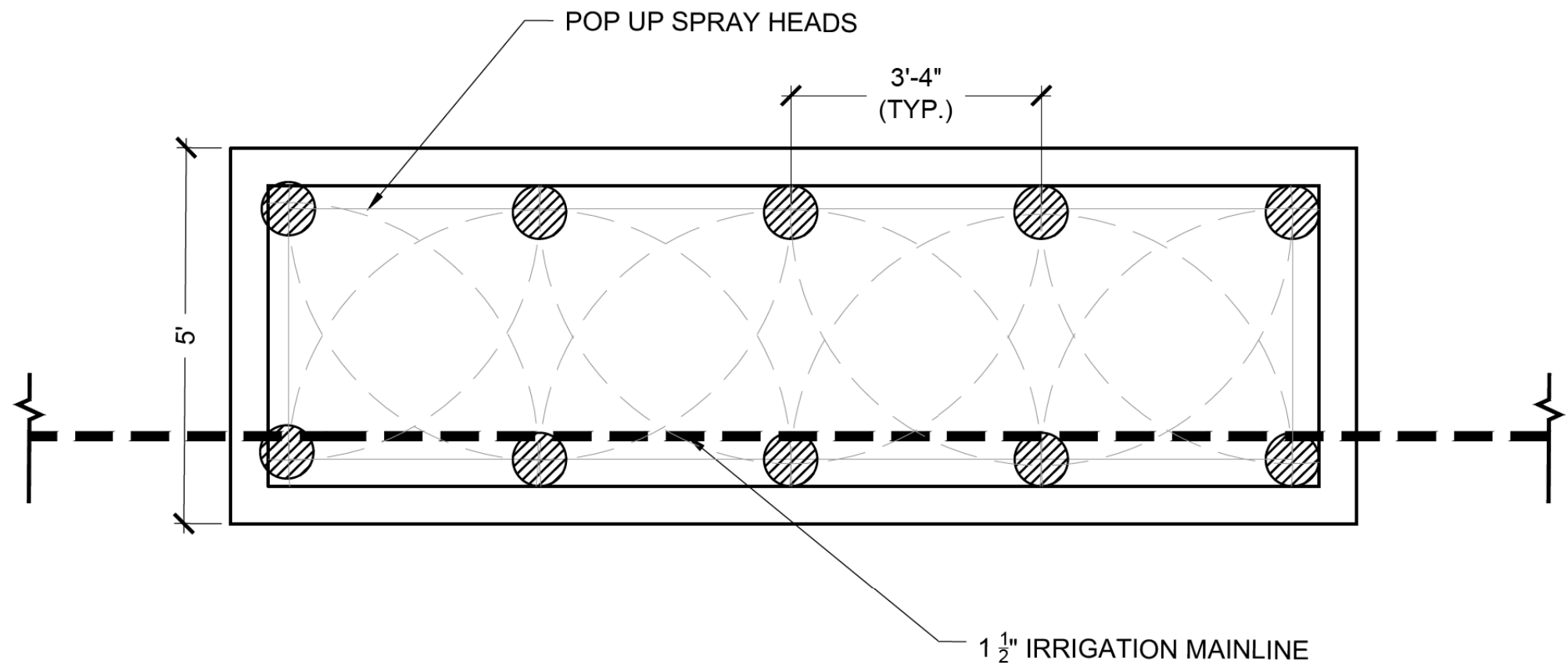
NOTE: SPRAY PATTERNS SHOWN AT AN APPROXIMATE RADIUS FOR ILLUSTRATIVE PURPOSES ONLY. ALL SPRAY HEADS SHALL BE FIELD ADJUSTED AT THE TIME OF INSTALL TO ENSURE THAT WATER DOES NOT SPRAY BEYOND THE INTENDED AREA OF IRRIGATION. CONTRACTOR SHALL PROVIDE HEAD-TO-HEAD COVERAGE. CONTRACTOR SHALL SUBMIT SHOP DRAWING OF LAYOUT.



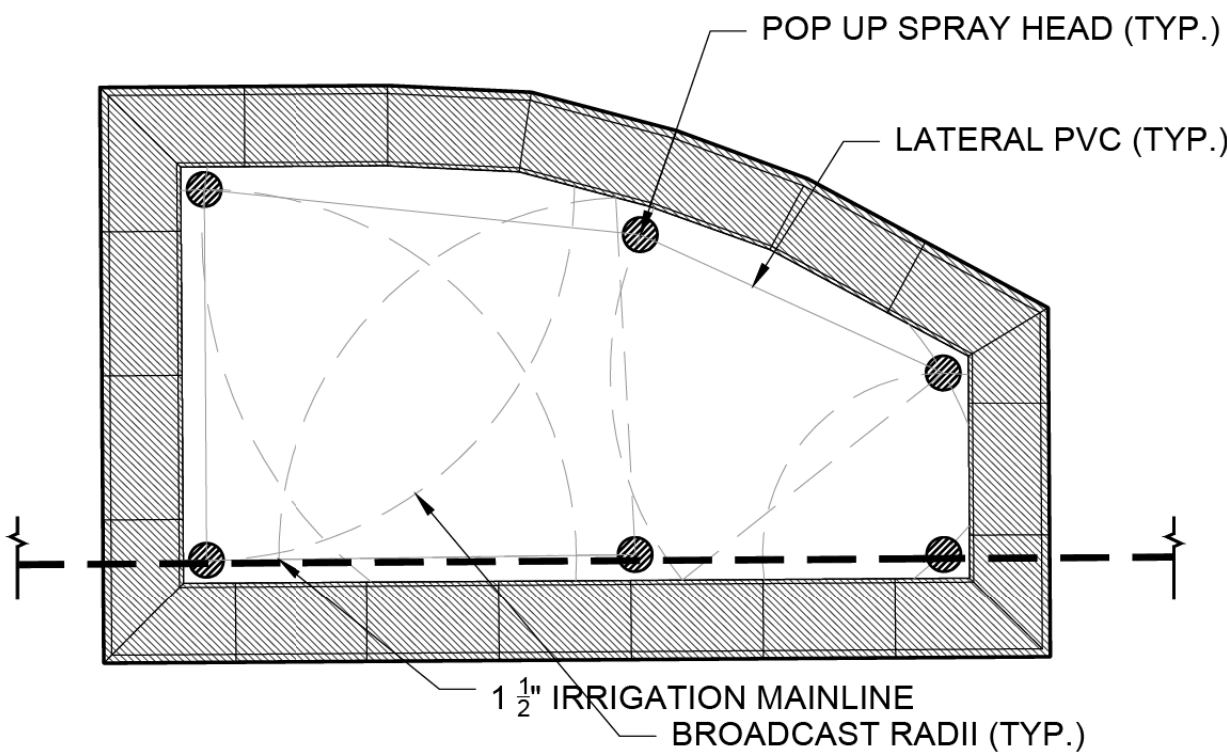
01 IRRIGATION LAYOUT - GRANITE CURB PLANTER - TYP.
1/4" = 1'-0"



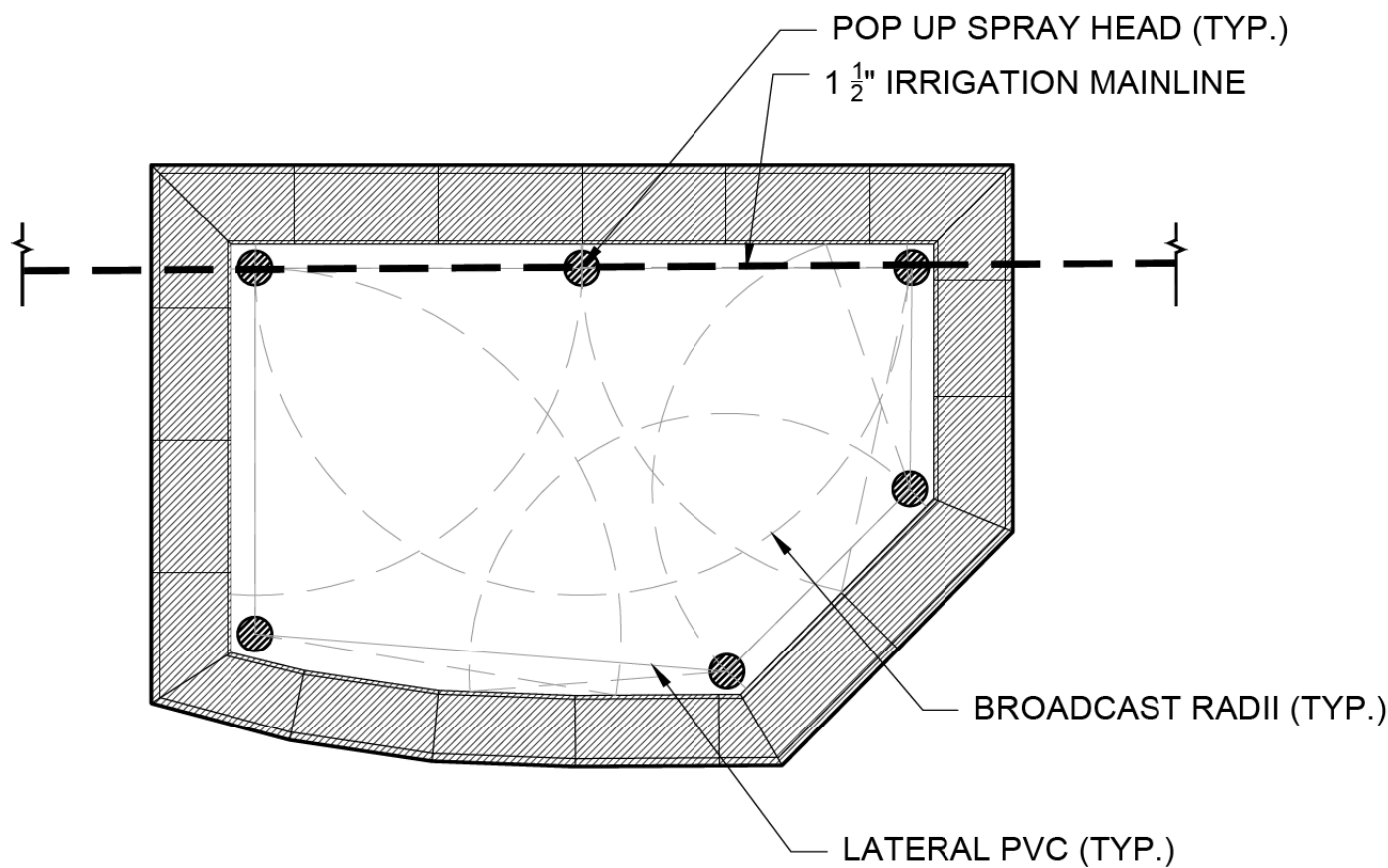
02 IRRIGATION LAYOUT - GRANITE CURB PLANTER 5X7 - TYP.
NTS



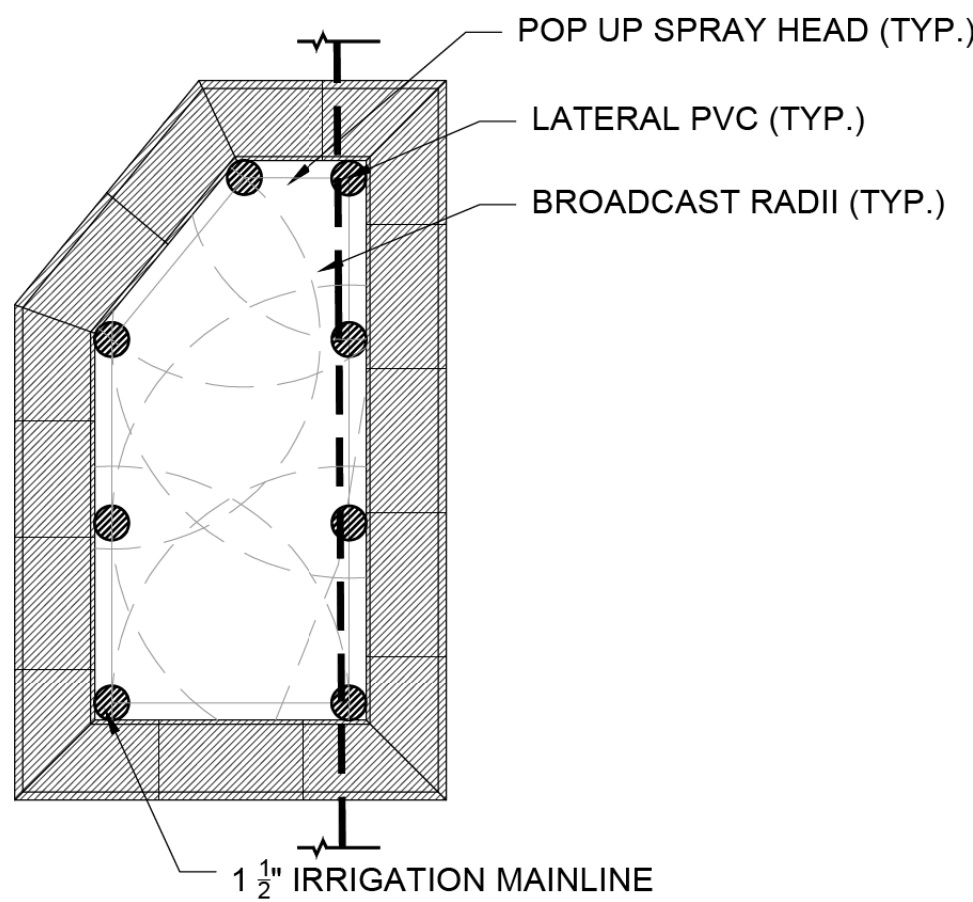
03 IRRIGATION LAYOUT - GRANITE CURB PLANTER 5X15 - TYP.
NTS



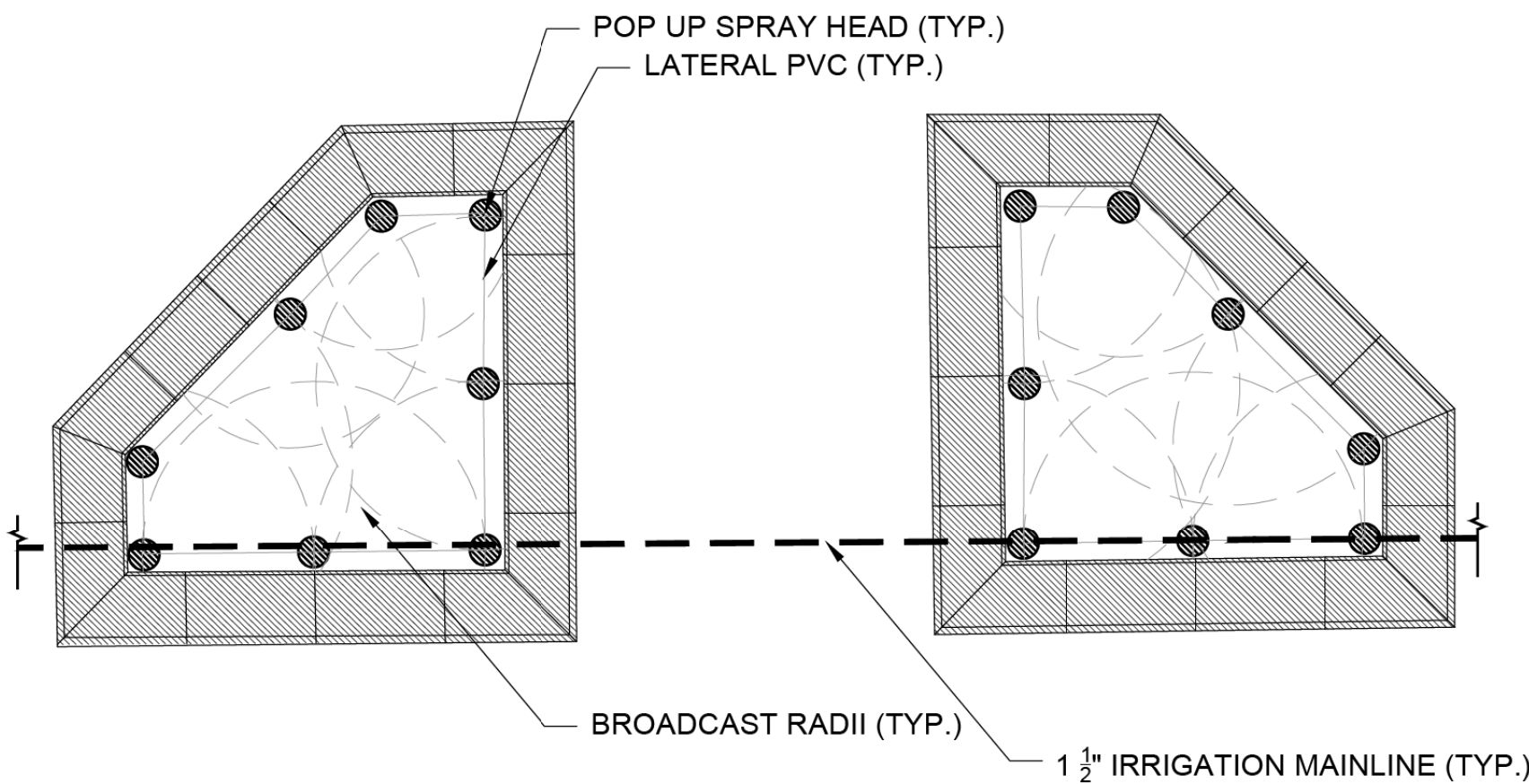
04 IRRIGATION LAYOUT - SEATWALL PLANTER 1 - TYP.
1/4" = 1'-0"



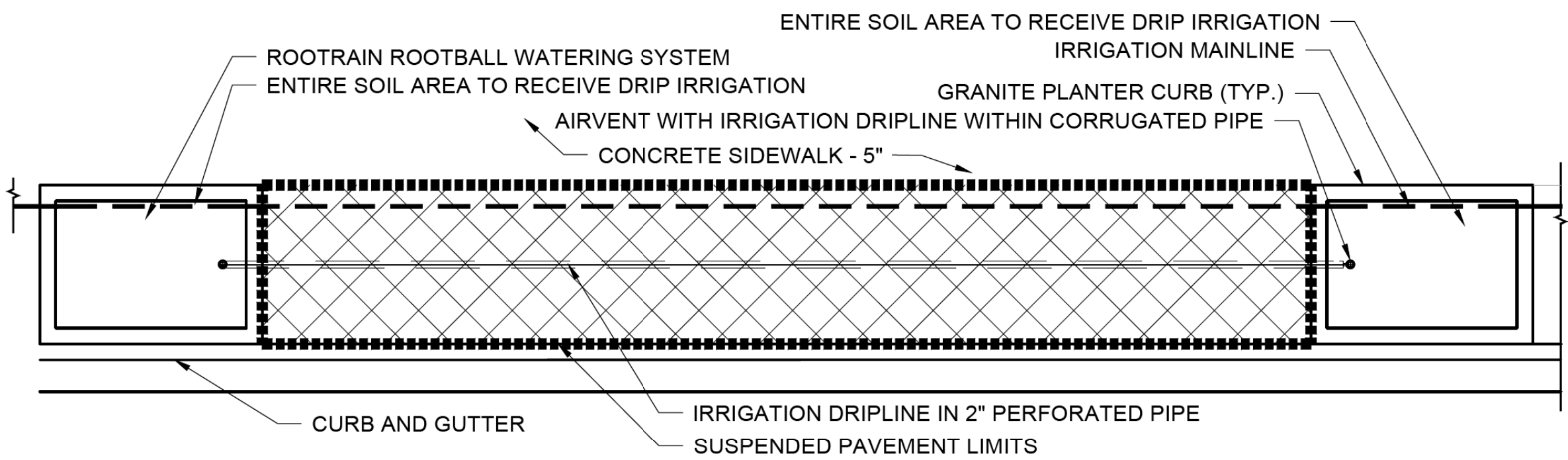
05 IRRIGATION LAYOUT - SEATWALL PLANTER 2 - TYP.
1/4" = 1'-0"



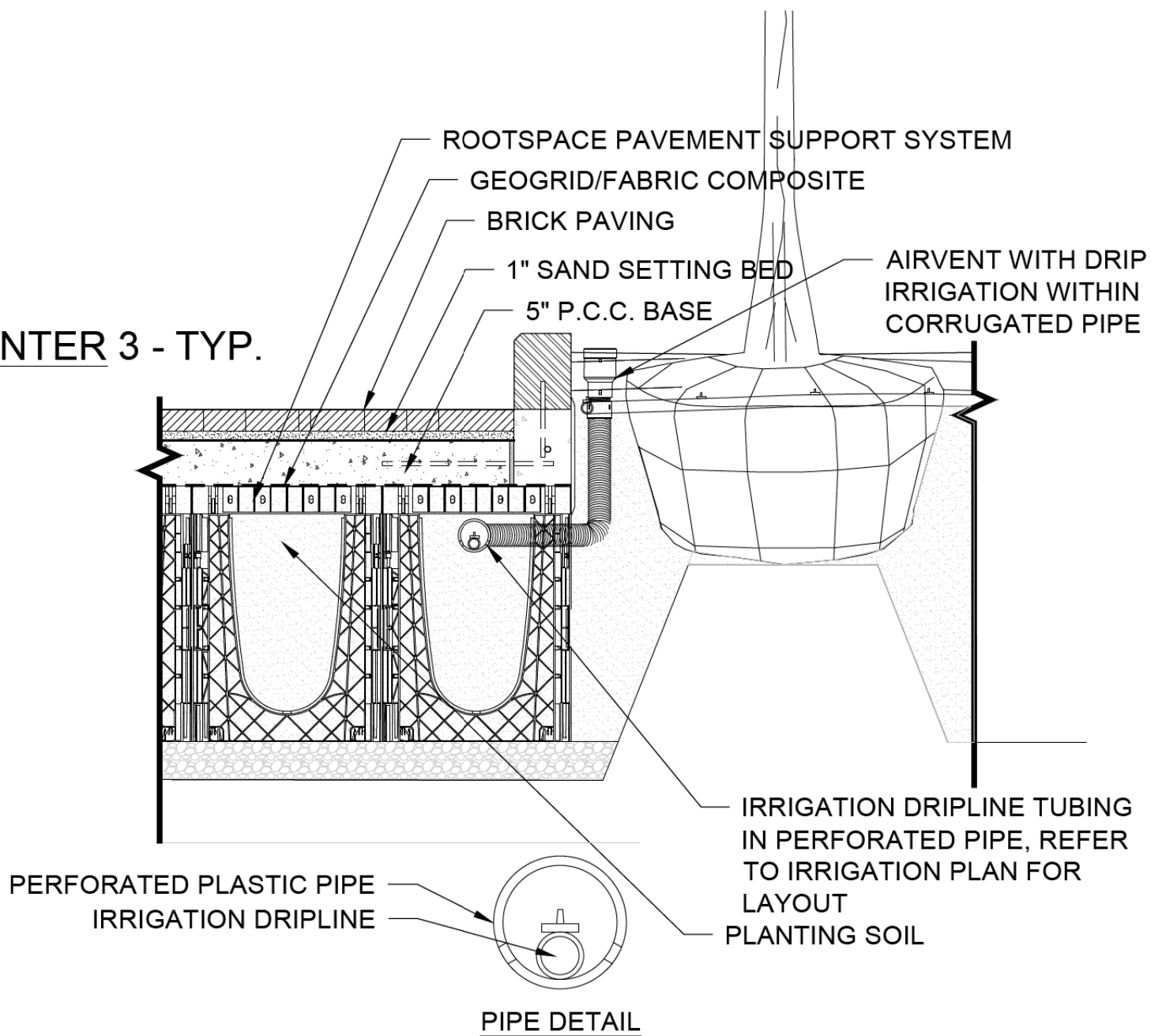
06 IRRIGATION LAYOUT - SEATWALL PLANTER 3 - TYP.
1/4" = 1'-0"



07 SEATWALL PLANTERS 4 AND 5 - TYP.
1/4" = 1'-0"



08 IRRIGATION LAYOUT - SUSPENDED PAVEMENT AREAS
1/4" = 1'-0"



NOTE: IRRIGATION DRIPLINE TUBING PLACED IN PERFORATED PIPE. PERFORATED PIPE DRAINAGE HOLES TO FACE DOWNWARD. USE ONLY LONG SWEEP 90 DEGREE OR 45 DEGREE FITTINGS TO FACILITATE THE INSTALLATION AND MAINTENANCE OF THE DRIPLINE TUBING. PLACE PERFORATED PIPE JUST BELOW THE TOP OF SOIL WITHIN SOIL CELL

09 IRRIGATION SECTION - SUSPENDED PAVEMENT AREAS
NTS

L-4.07



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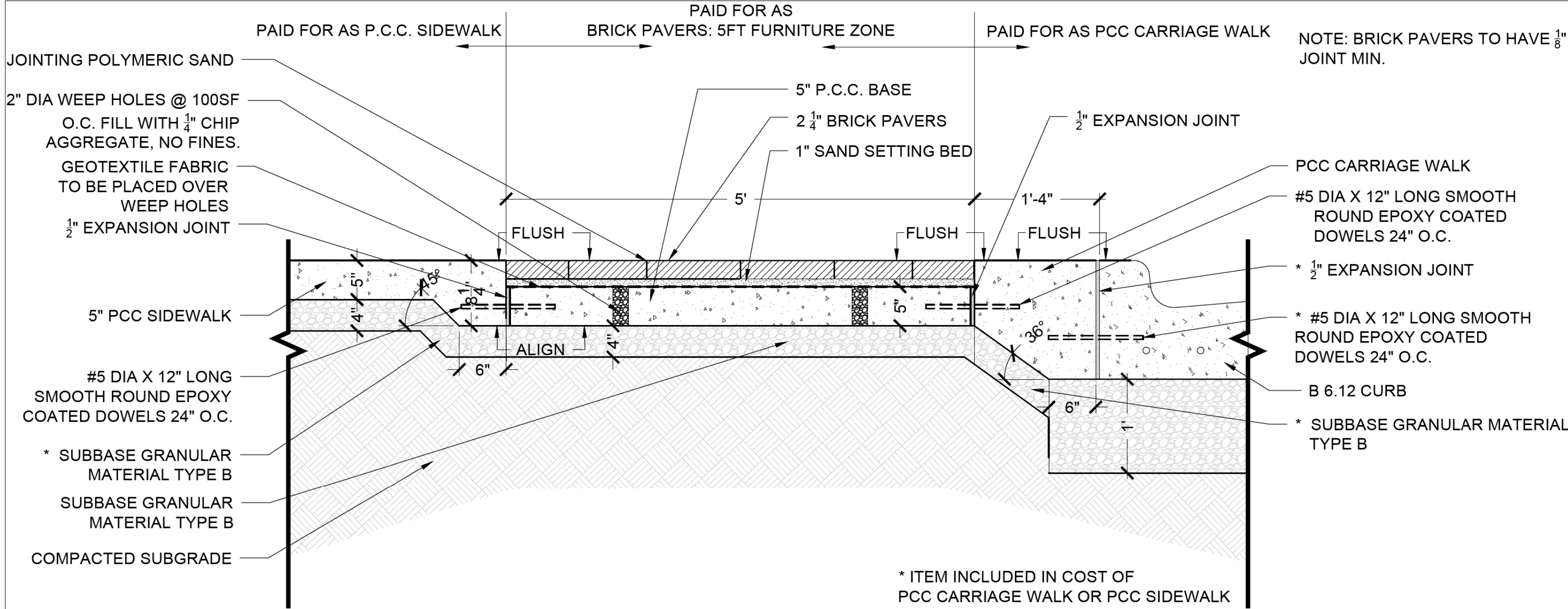
DESIGNED — PJH	REVISED —
DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, MJF	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

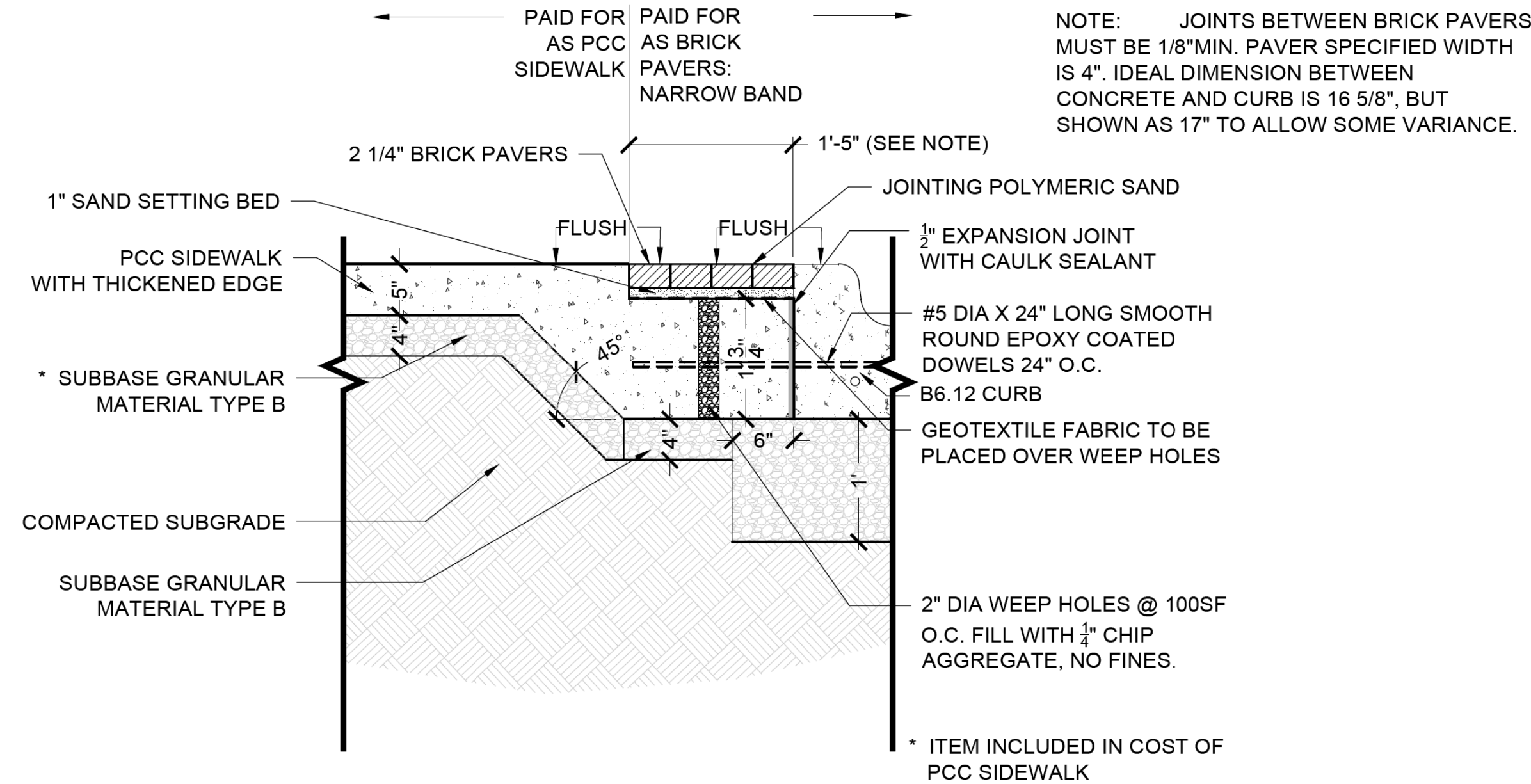
IRRIGATION LAYOUT

SHEET NO. OF SHEETS STA. TO STA.

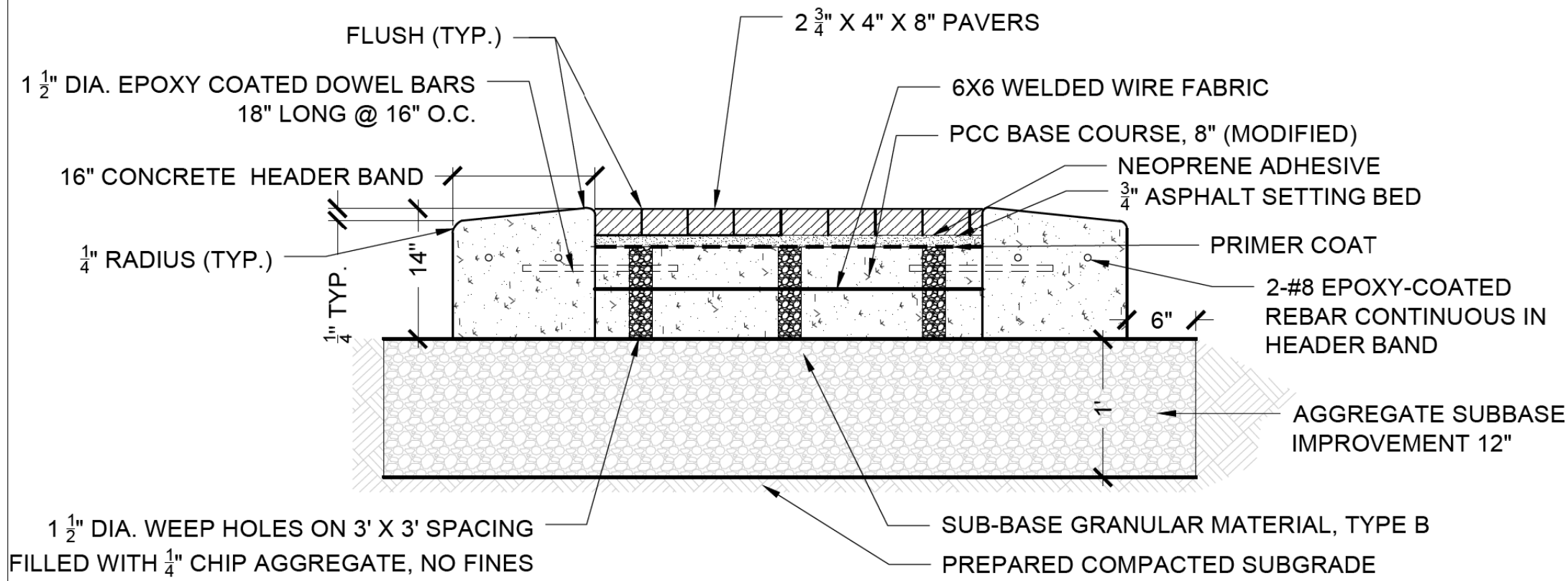
F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXXX-XX-XX	DUPAGE	137	98
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



01 BRICK PAVERS - TYP. SECTION A
1" = 1' - 0"

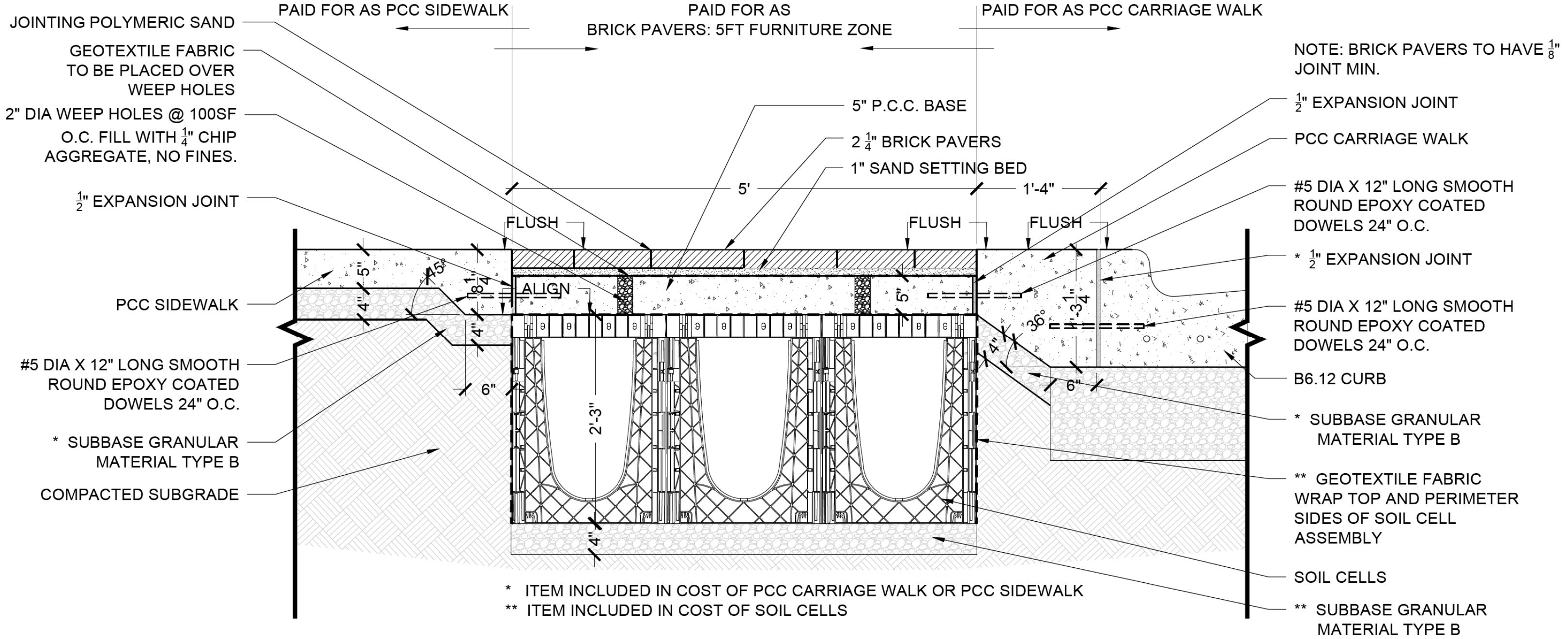


03 BRICK PAVERS - TYP. SECTION C (NARROW BAND)
1" = 1' - 0"

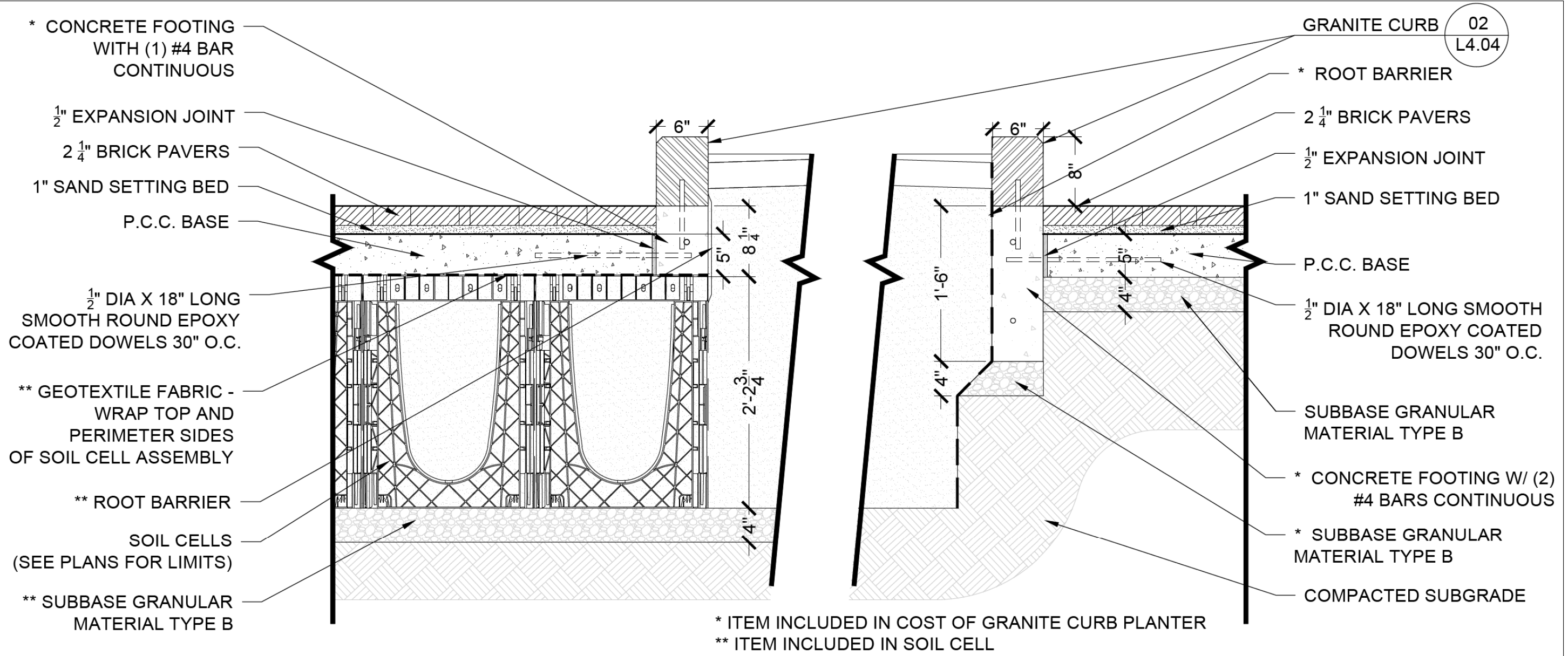


05 BRICK PAVERS: CROSSWALK - TYPICAL SECTION
1" = 1' - 0"

02 BRICK PAVERS - TYP. SECTION B
1" = 1' - 0"



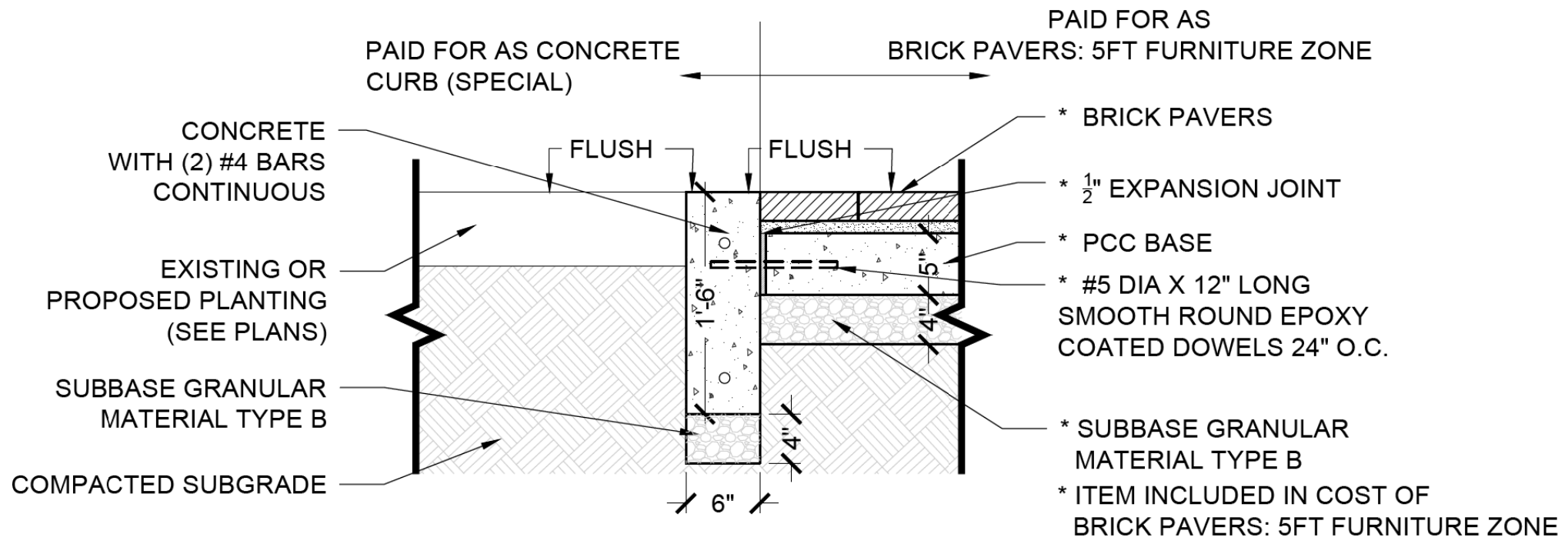
04 BRICK PAVERS - TYP. SECTION A (WITH SOIL CELLS)
1" = 1' - 0"



06 CONCRETE CURB (SPECIAL)
1" = 1' - 0"

CAUTION: USING EXCESSIVE NEOPRENE ADHESIVE CAN CAUSE DAMAGE FROM THE PRODUCT Oozing UPWARD TO THE PAVER SURFACE.

NOTE: ON RAISED CROSSWALK, HEADER BAND IS 60" WIDE - TO FUNCTION AS TRANSITION RAMP. SEE PLANS FOR LIMITS.



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CHECKED — KRK, MJF	REVISED —
DATE —	REVISED —

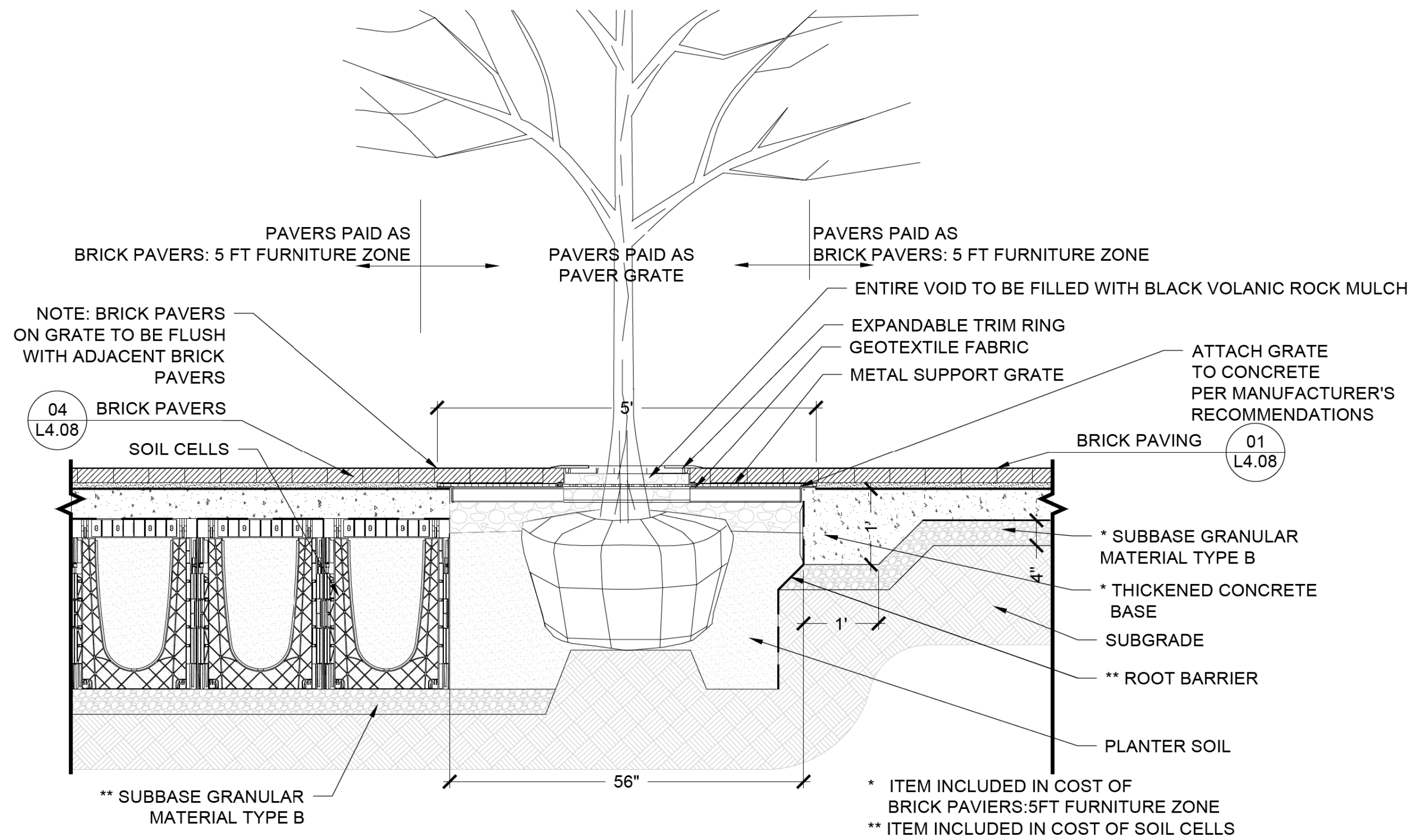
VILLAGE OF GLEN ELLYN

BRICK PAVING DETAILS

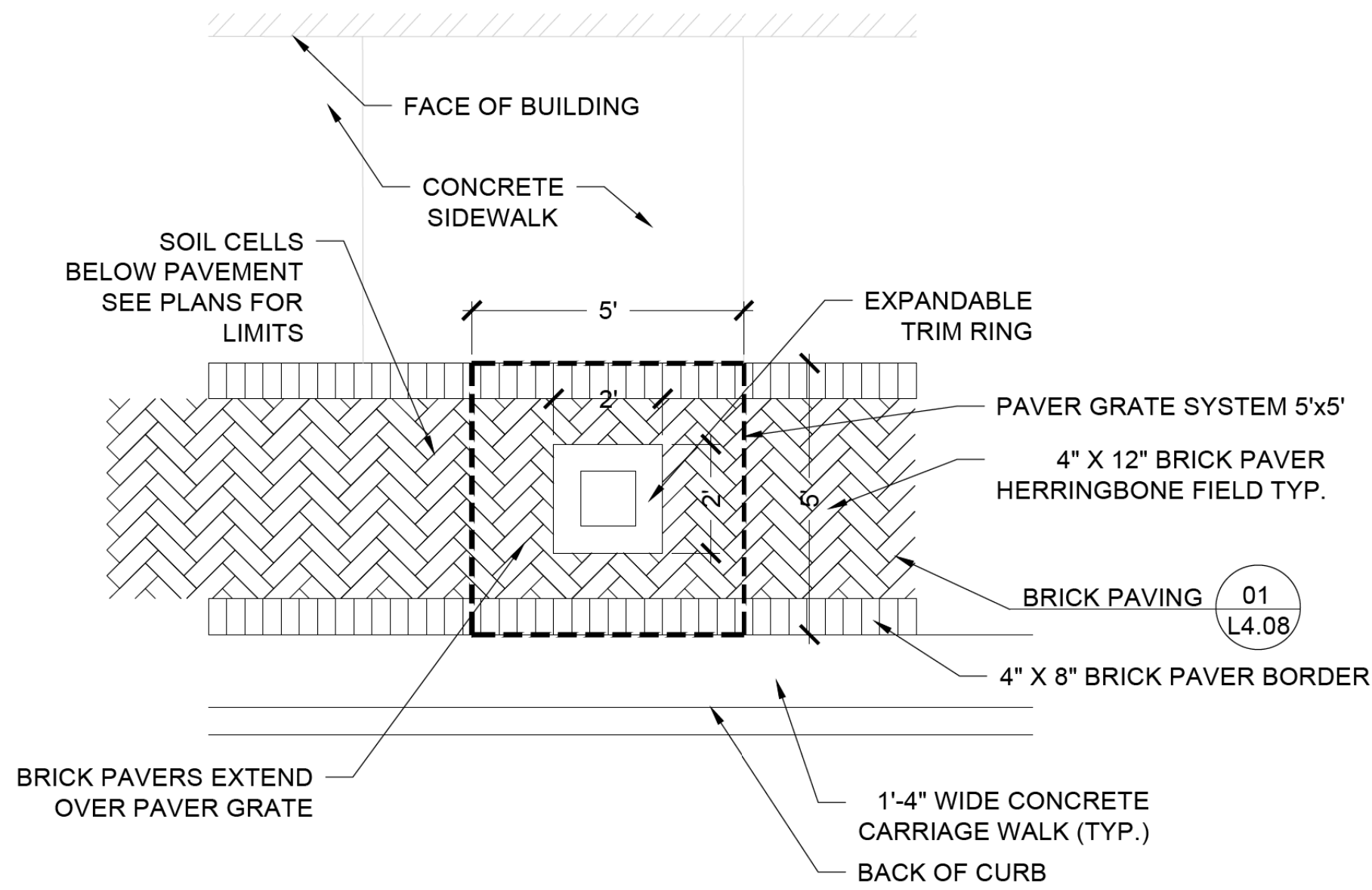
SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	137	99
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				

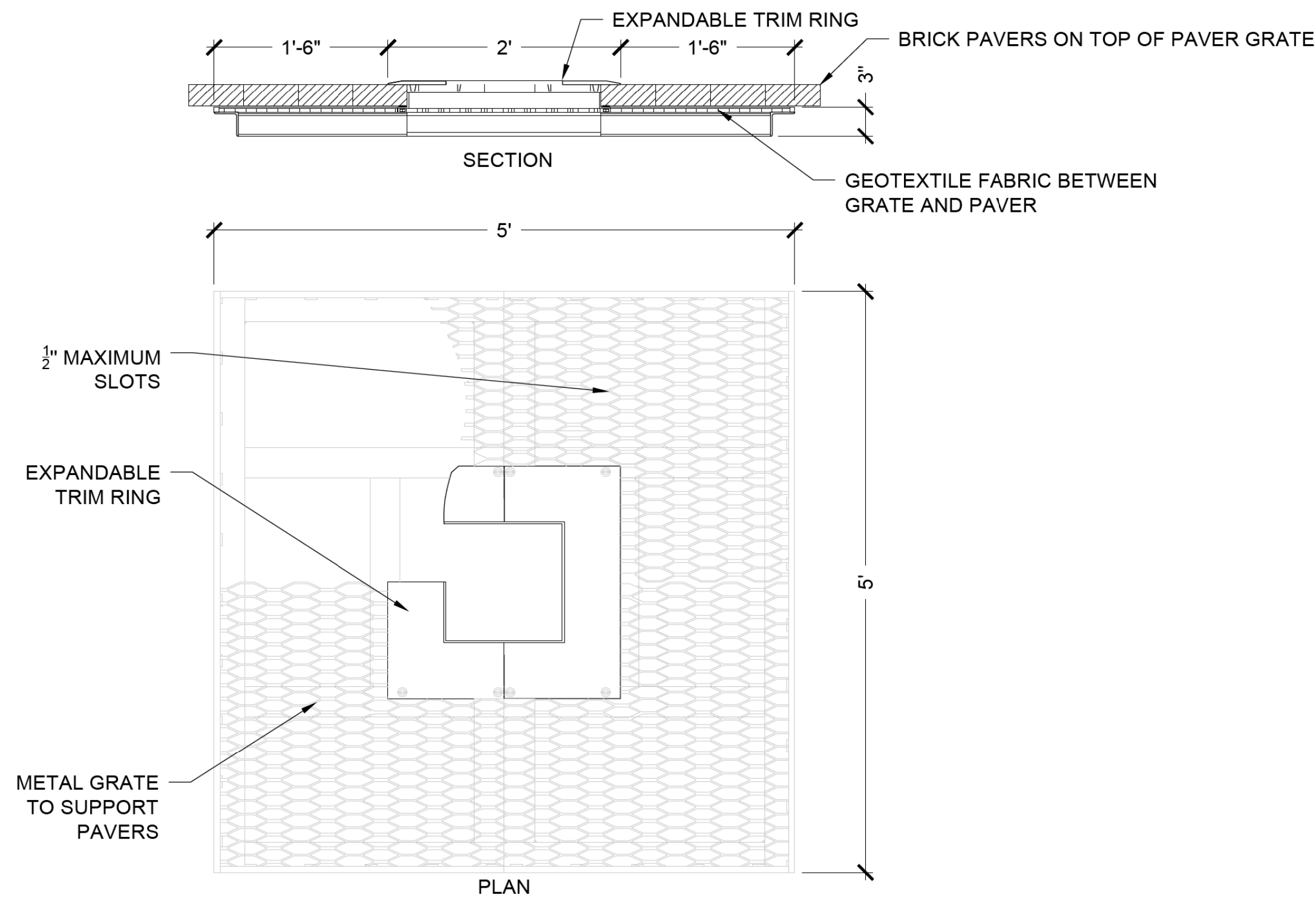




01 PAVER GRATE - TYP. SECTION
3/4" = 1' - 0"

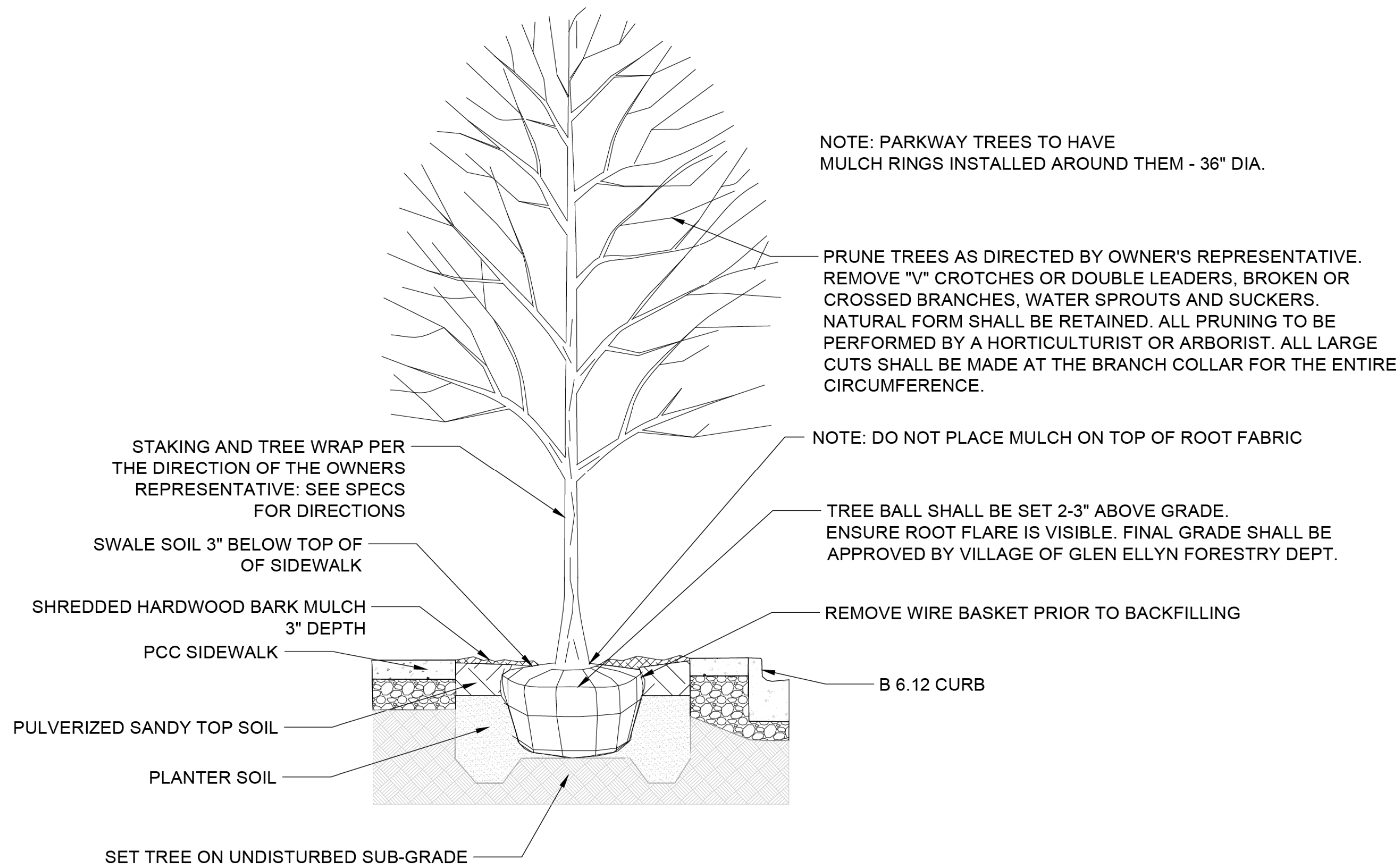


02 PAVER GRATE - TYP. LAYOUT
3/8" = 1' - 0"

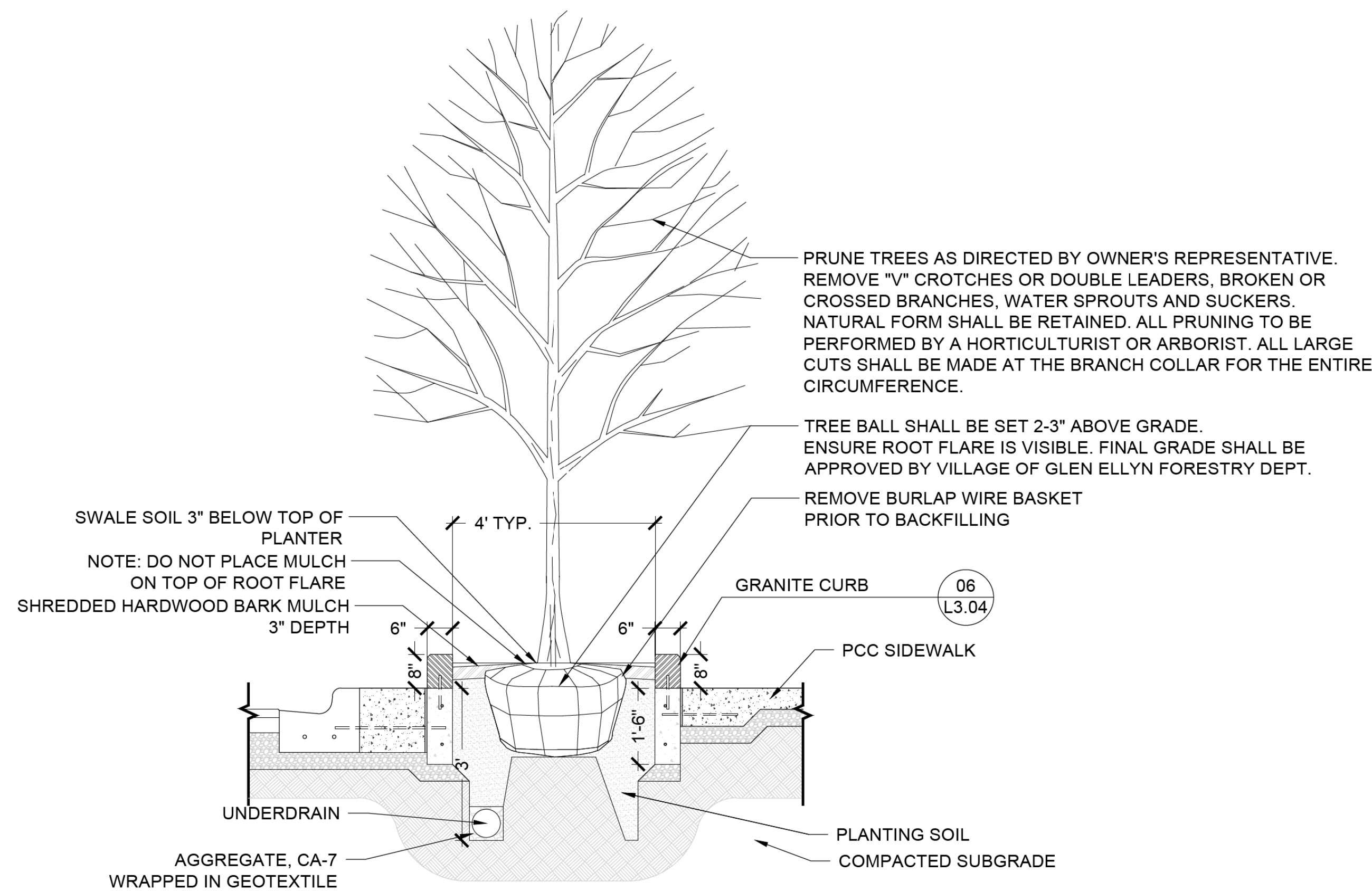


03 PAVER-GRATE - DETAIL
1" = 1' - 0"

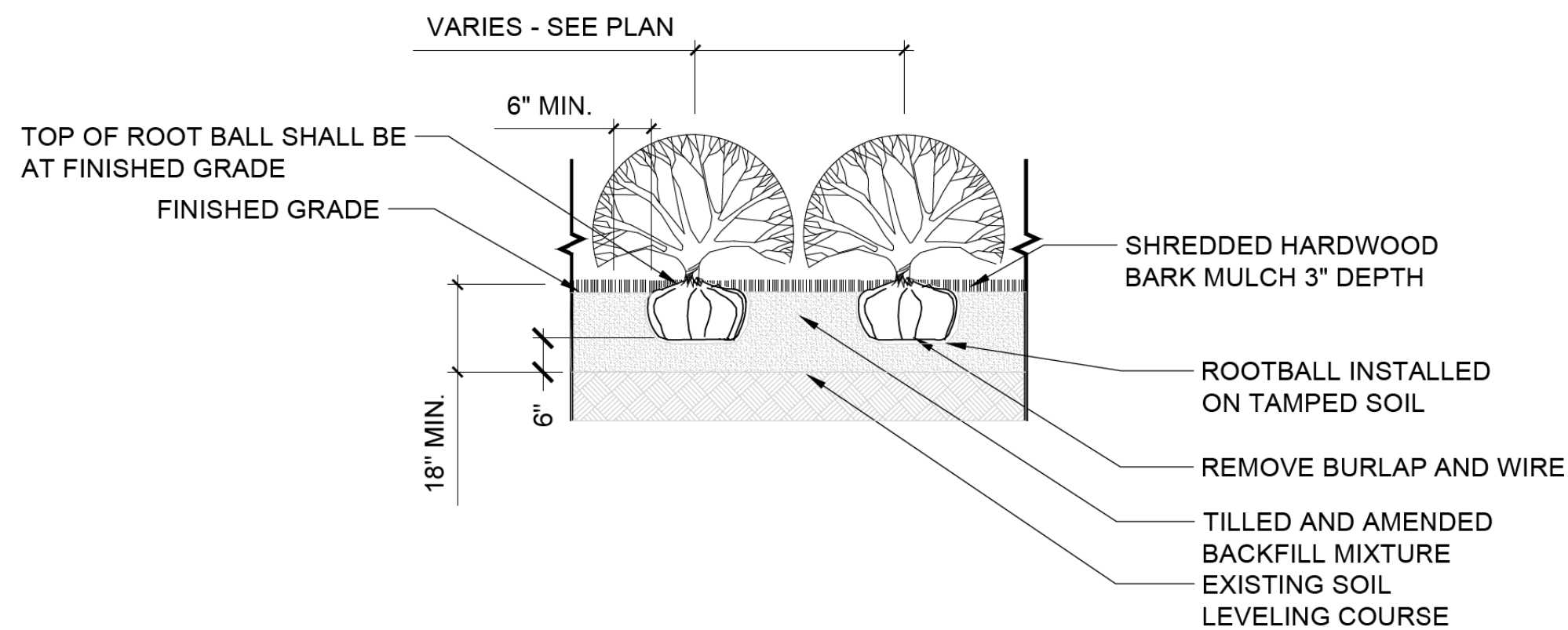
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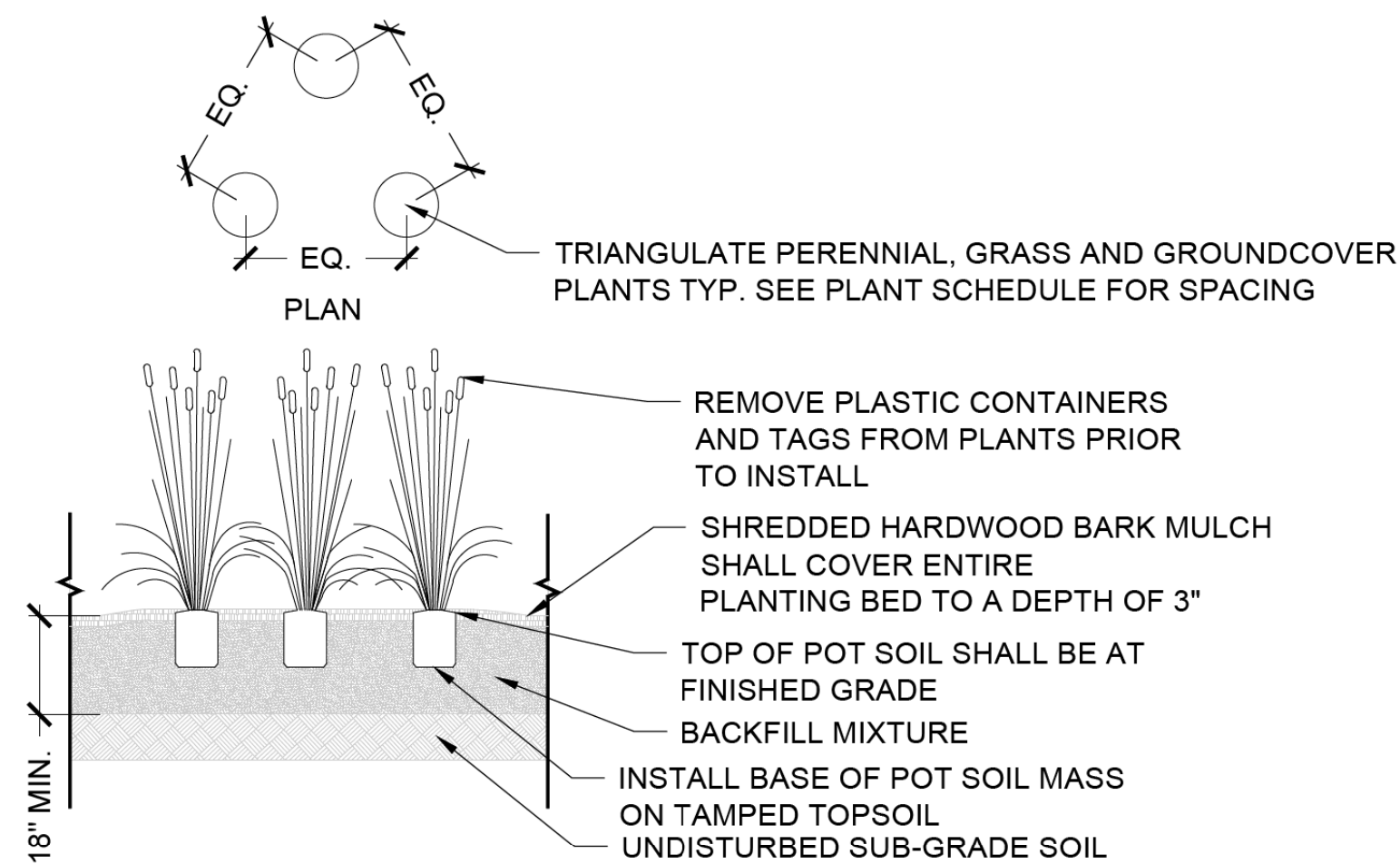
01 TREE IN PARKWAY
1/2" = 1'-0"



02 TREE IN PLANTER
SCALE= NTS



03 SHRUB PLANTING
SCALE= NTS



04 ORNAMENTAL GRASS/PERENNIAL PLANTING
3/8" = 1'-0"

Master Plant List						
CODE	QTY	LATIN NAME	COMMON NAME	SIZE	SPACING	COMMENTS
Trees						
ACF	2	Acer x freemanii 'Marmo'	Marmo Maple	4" CAL.		48" Max Rootball
ACX	1	Acer x freemanii 'Marmo'	Marmo Maple	7" CAL.		70" Max Rootball
ACY	1	Acer x freemanii 'Marmo'	Marmo Maple	8" CAL.		108" Max Rootball
ACM	3	Acer miyabei 'Morton' STATE STREET	State Street Maple	4" CAL.		48" Max Rootball
AML	6	Amelanchier laevis	Allegheny Serviceberry	4" CAL.		48" Max Rootball
BTW	2	Betula Nigra 'Whit XXV'	City Slicker River Birch	4" CAL.		48" Max Rootball
CEC	4	Cercis canadensis	Eastern Redbud	4" CAL.		48" Max Rootball
GTP	3	Gleditsia triacanthos 'Perfection'	Perfection Honeylocust	4" CAL.		48" Max Rootball
GTS	3	Gleditsia triacanthos 'Skyline'	Skyline Honeylocust	4" CAL.		48" Max Rootball
GTU	2	Gleditsia triacanthos 'Sunburst'	Sunburst Honeylocust	4" CAL.		48" Max Rootball
KOP	6	Koelreuteria paniculata	Golden Raintree	4" CAL.		48" Max Rootball
OSV	4	Ostrya virginiana	American Hophornbeam	4" CAL.		48" Max Rootball
QUA	1	Quercus alba	White Oak	8" CAL.		93" Max Rootball
QUB	3	Quercus bicolor	Swamp White Oak	4" CAL.		48" Max Rootball
QUC	4	Quercus alba x robur 'Crimschmidt'	Crimson Spire Oaks	4" CAL.		48" Max Rootball
STJ	4	Styphnolobium japonicum	Japanese Pagodatree	4" CAL.		48" Max Rootball
SYR	3	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Tree Lilac	4" CAL.		48" Max Rootball
TAD	3	Taxodium distichum 'Micklelson' SHAWNEE BRAVE	Shawnee Brave Baldcypress	4" CAL.		48" Max Rootball
TIA	12	Tilia americana 'Redmond'	Redmond American Linden	4" CAL.		48" Max Rootball
ZEV	6	Zelkova serrata 'Village Green'	Village Green Zelkova	4" CAL.		48" Max Rootball
Shrubs						
ITV	13	Itea virginia 'Little Henry'	Little Henry Sweetspire	#3		3' Tall
HYS	17	Hydrangea serrata SMNMAKTSR	Tuff Stuff Red Mountain Hydrangea	#3		3' Tall
ARO	6	Aronia melanocarpa 'Morton'	Morton Black Chokeberry	#3		2-3' Tall
CEA	16	Ceanothus americanus	New Jersey Tea	#3		3' Tall
Perennials						
BAA	6	Baptisia 'Blueberry Sundae'	Decadence Blueberry Sundae Baptisia	#1		36" Tall
COL	51	Coreopsis lanceolata	Lance-leaved Coreopsis	#1		
DAP	19	Dalea purpurea	Purple Prairie Clover	#1		
ECP	12	Echinacea purpurea	Purple Coneflower	#1		
HEX	24	Heuchera x villosa 'Carnival Watermelon'	Carnival Watermelon Heuchera	#1		
LIK	71	Liatris spicata 'Kobold'	Kobold Gayfeather	#1		
LOC	8	Lobelia cardinalis	Cardinal Flower	#1		
NEX	52	Nepeta x faassenii 'Kit Kat'	Kit Kat Catmint	#1		
PED	26	Penstemon digitalis	Beardtongue	#1		
SAN	48	Salvia nemerosa 'Blue Hill'	Blue Hill Sage	#1		
Ornamental Grasses						
SCS	36	Schyzachyrium scoparium	Little Bluestem	#1		
CAF	14	Carex flacca	Blue Sedge	4" Pot		10 Flat
Groundcovers						
SEK	235	Sedum kamtschaticum	Russian Stonecrop	4" Pot	10" O.C.	24 Flat
VIM	153	Vinca minor	Periwinkle	4" Pot	18" O.C.	10 Flat

L-4.11



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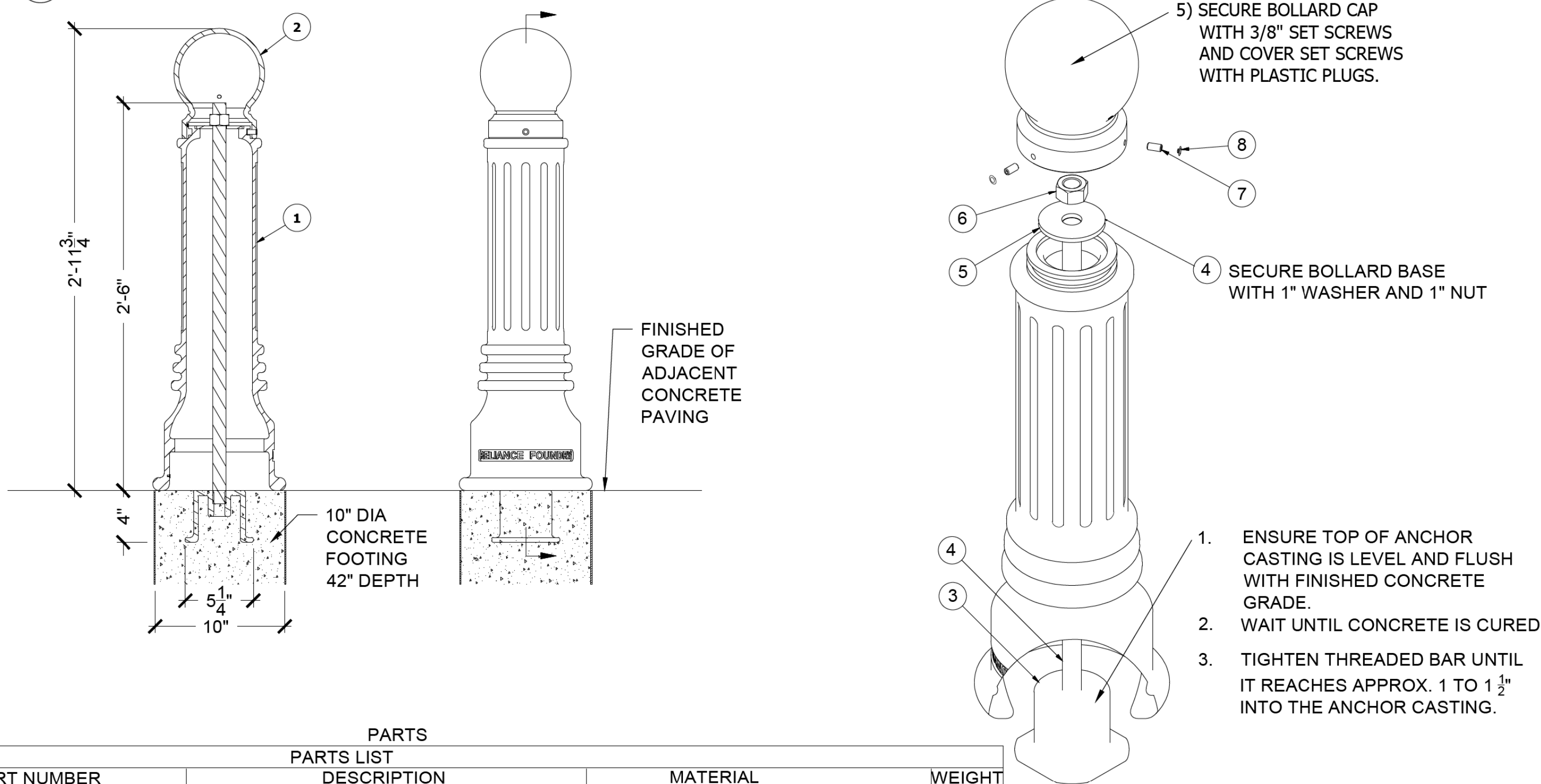
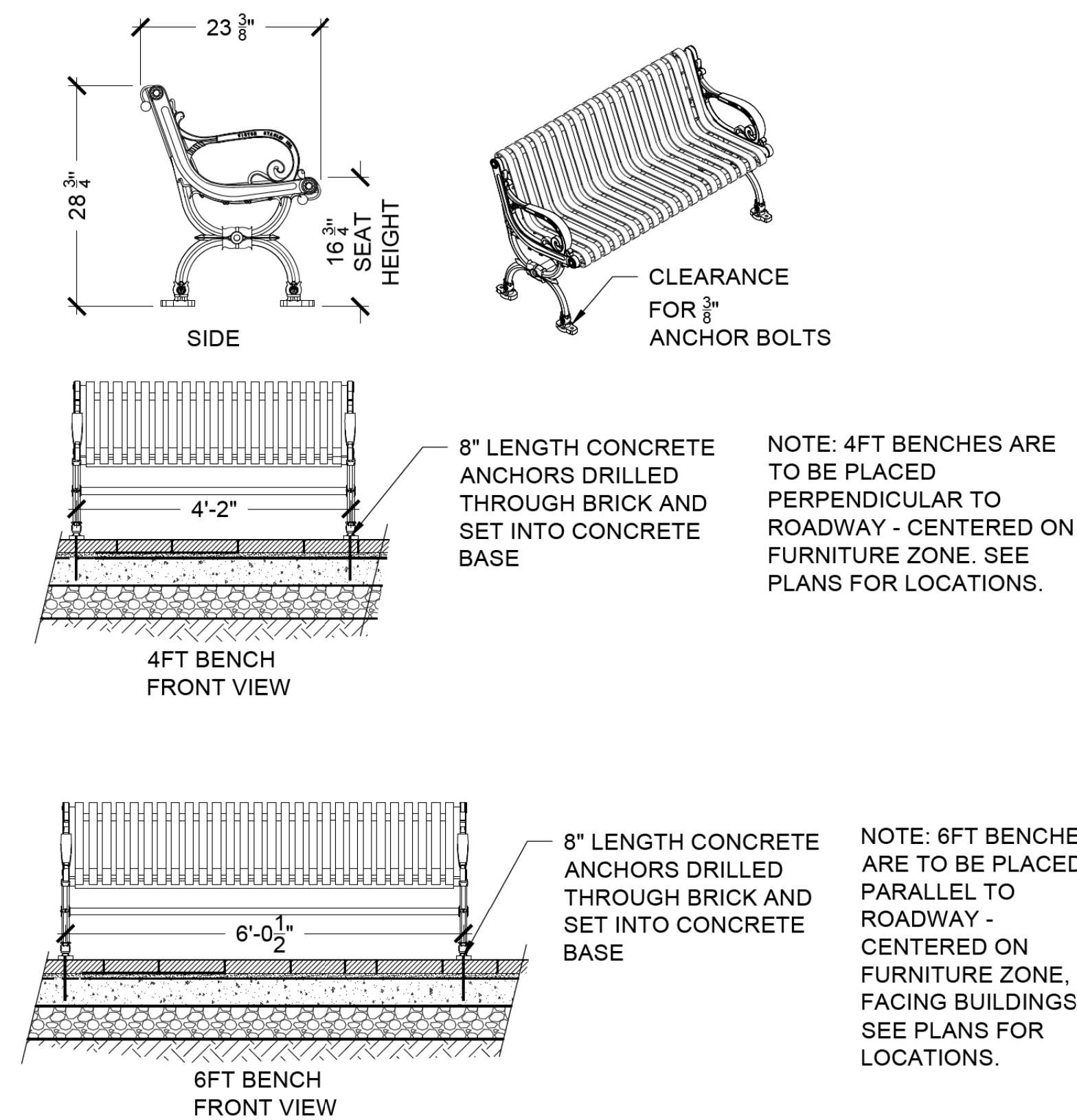
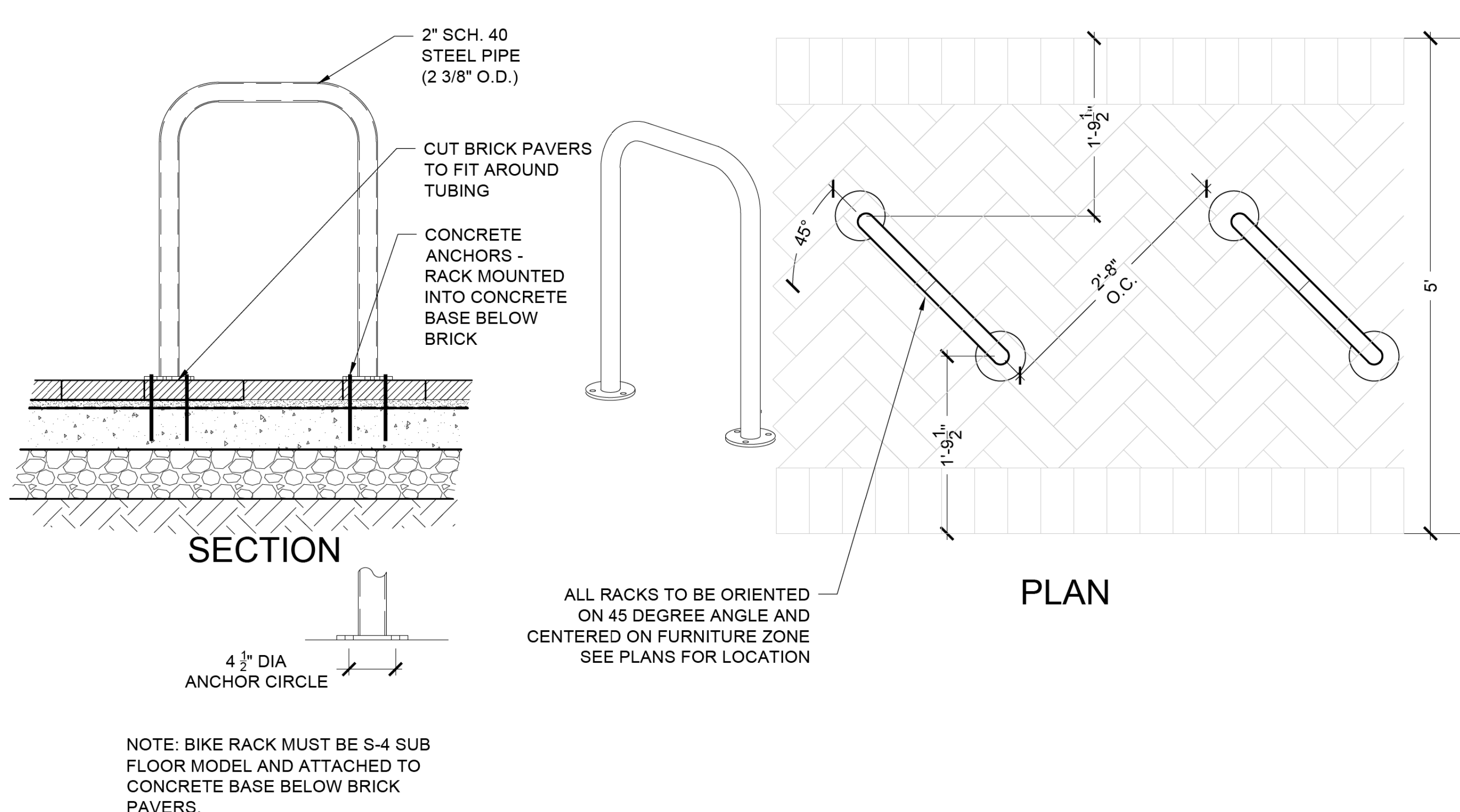
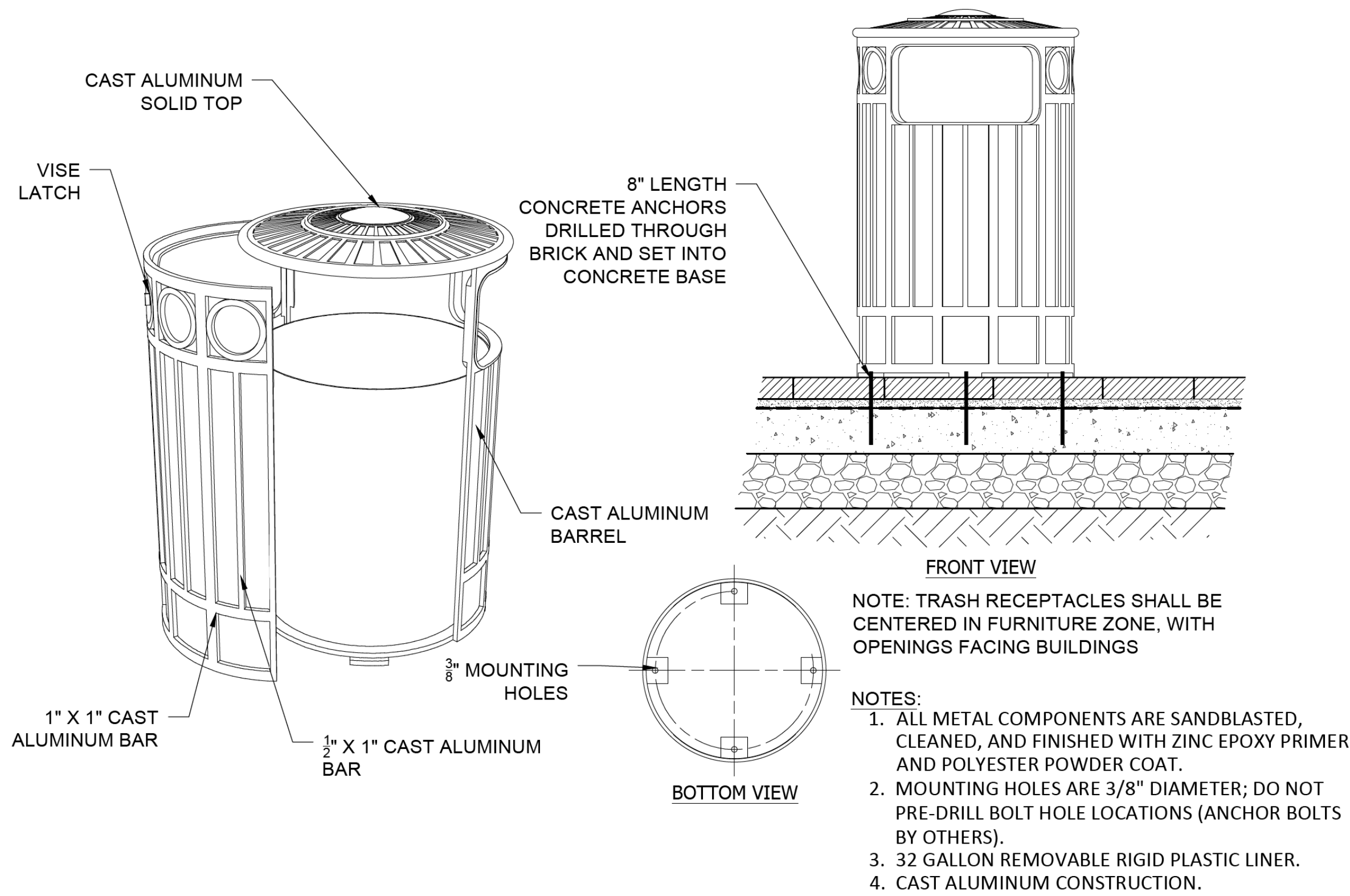
DESIGNED — PJH	REVISED —
DRAWN — PJH, JDM	REVISED —
CHECKED — KRK, MJF	REVISED —
DATE —	REVISED —

VILLAGE OF GLEN ELLYN

PLANTING DETAILS

SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	137	102
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



PARTS					
ITEM	QTY	PART NUMBER	DESCRIPTION	MATERIAL	WEIGHT
1	1	R7539B	R7539 BASE	DUCTILE IRON POWDER COATED	60 lbs
2	1	R7539C	R7539 CAP	DUCTILE IRON POWDER COATED	15 lbs
3	1	R7500AN 1"	R7500 ANCHOR CASTING 1"	DUCTILE IRON HOT DIP GALVANIZED	8 3/8 lbs
4	1	R7500BAR 1"	R7500 THREADED BAR 1" x 31"	STEEL PLATED	6 3/4 lbs
5	1	WASHER 1" OD 3 1/2"	WASHER 1" OD 3 1/2" Thick	STEEL PLATED	5/8 lbs
6	1	HEX NUT 1"	HEX NUT 1" - REQUIRES 1 1/2" WRENCH	STEEL PLATED	1/4 lbs
7	3	HEXAGON SOCKET SET SCREW 3/8" x 3/4"	HEXAGON SOCKET SET SCREW 3/8" x 3/4" - REQUIRES 3/16" HEX KEY	STAINLESS STEEL	
8	3	POLYETHYLENE PLUG 3/8"	POLYETHYLENE PLUG 3/8"	LDPE BLACK	



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DATE —	REVISED —

VILLAGE OF GLEN ELLYN

STREET FURNITURE DETAILS

SHEET NO. OF SHEETS STA. TO STA.

F.A.U. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
XXXX	XX-XXXX-XX-XX	DUPAGE	137	103
FED. ROAD DIST. NO. 1 ILLINOIS FED. AID PROJECT				



**Glen Ellyn Capital
Improvements Commission**
535 Duane Street
Glen Ellyn, IL 60137

Meeting 10/12/2021 7:00 PM
Department: Public Works
Department Head: Dave Buckley
Category: Report
Prepared By: Rich Daubert

**AGENDA ITEM (ID # 2021-
1517)**

DOC ID: 2021-1517

Engineering Project Report Dated October 8, 2021

Statement of the Issue:

The Public Works Engineering Division Project Report Dated October 8, 2021 is attached hereto for review by the Capital Improvements Commission.

Analysis:

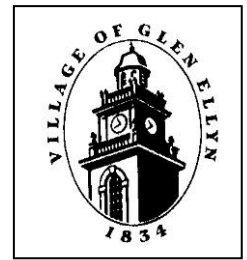
Budget Impact:

Action Requested:

Attachments:

1. Engineering Project Report 10-8-21

October 8, 2021



ENGINEERING DIVISION PROJECT ACTIVITY REPORT

CONSTRUCTION PROJECTS

UTILITY AND ROADWAY REHABILITATION PROJECT 20001 – Phase 1

Contractor: Copenhaver

(Project No. 20001; Value of Construction Contract = \$3,052,890)

The first phase of the project involves the rehabilitation of roadways in the central-west portion of the Village including: Phillips Avenue (Lorraine to Vine), Vine Street (Ridgewood to Hillside), Ridgewood (Kenilworth to Brandon), Evergreen (Hillside to Duane), and Center (Evergreen to Lorraine). The work includes sanitary sewer main line repairs and service line replacement, water main and service line replacement, storm sewer/drainage improvements, and reconstruction of the roadways. Nicor is also implementing some limited gas main and service line replacement work as part of the project.

All underground utility work has been substantially completed on Ridgewood Avenue, Phillips Avenue, and Vine Street. With the exception of storm sewer, all underground work is substantially completed on Evergreen Avenue and Center Street.

The contractor has officially commenced the reconstruction of the roadways. Concrete curb & gutter, driveway approach, and sidewalk replacement across driveways has been completed on Ridgewood Avenue. The asphalt roadway base course has also been paved on Ridgewood Avenue.

Placement of concrete curb & gutter, driveway approach, and sidewalk replacement across driveway pavement is underway on Phillips Avenue and Vine Street. Paving of the base course on Phillips and Vine will advance once the curb has cured to sufficient strength. The aforementioned paving of Phillips and Vine are tentatively scheduled for October 14-15, weather permitting.

It is anticipated that the storm sewer improvements will be completed on Evergreen Avenue and Center Street in approximately one week. Construction of the aggregate roadway base, concrete curb & gutter, driveway approach, and sidewalk across driveways will commence thereafter. Paving of the asphalt roadway base on Evergreen and Center should be completed by the end of October.

The next month will be rigorous in terms of project completion activities including the adjustment of manhole frames & covers to grade, replacement of defective sidewalk between driveways, restoration of parkways with topsoil & sod, and placement of the final layer of asphalt (surface course). In terms of the overall schedule, it is anticipated that all work will be substantially completed by Friday, November 5. This is dependent upon favorable weather.

Pictured Below Is Paving Of The Asphalt Roadway Base Course On Ridgewood Avenue



2021 STREET IMPROVEMENTS PROJECT – Contractor: R.W. Dunteman

(Project No. 21002; Value of Construction Contract = \$1,624,277)

This project involves more limited utility (repairs) and roadway improvements (resurfacing) along approximately 3 miles of roadways generally located in northeast Glen Ellyn to be improved in 2021. The project has been split into two construction phases, with one being the concentrated project area within Crescent Boulevard, Roger Road, Park Row, and the Union Pacific railroad, while the second phase consists of all other streets included in the contract.

All concrete and asphalt paving work is now substantially completed, with the exception of punch list concrete re-pours. Paving was completed in the first phase the week of August 9th, in advance of Glenbard West returning to session. The remaining streets were all paved by August 18th, with line striping occurring the following week. Due to a warm and dry September, restoration of the parkways with sod was deferred. The restoration areas have been prepared with topsoil with final prep (weeding and final grading) anticipated to be completed in October. A preliminary punch list has been issued to the Contractor for completion in concert with the aforementioned parkway restoration.

OTHER AGENCY PROJECTS IN GLEN ELLYN

BLOOMINGDALE ROAD AT GENEVA ROAD INTERSECTION IMPROVEMENT AND SIGNAL MODERNIZATION – Contractor: Schroeder Asphalt Services

This project is being implemented and administered by DuPage County and involves the widening of Bloomingdale Road at Geneva Road. The widening will support the addition of a secondary left turn lane for southbound Bloomingdale Road to eastbound Geneva Road. The project includes the installation of temporary traffic signal equipment which will allow for all the traffic signal equipment to be removed and replaced as part of the project (Traffic Signal Modernization). The Contractor is currently in the process of completing the pavement widening at the northwest corner of the intersection. More specifically, placement of the new curb & gutter is anticipated to occur on Friday, October 8th, weather permitting. Paving of the asphalt at the northwest corner of the intersection is anticipated to occur the week of October 11th. The Contractor will then progress the pavement widening operations to the northeast corner of the intersection. Curb & gutter and asphalt paving will occur followed by replacement of the sidewalks. With the exception of the installation of the permanent traffic signal equipment, work is tentatively anticipated to be substantially completed by the end of October.

CONSTRUCTION PROJECTS IN CLOSE-OUT

PENNSYLVANIA AVE. IMPROVEMENT PROJECT – Contractor: John Neri Construction

(Project No. 15006 & 16005; Value of Construction Contract = \$252,502)

The project includes both underground utility improvements (storm sewer, sanitary sewer service line, water service line, and street lighting conduit and wiring upgrades) and sidewalk widening from 7' to 16.5' on the south side of Pennsylvania, just east of Main Street and will allow for A Toda Madre restaurant outdoor dining expansion. Staff met with contractor to address the remaining two punch list items and looks to schedule the work this month. The A Toda Madre restaurant deck is completed as well.

VILLAGE GREEN STORM SEWER PROJECT– Contractor: Mauro Sewer Construction

(Project No. 16007; Value of Construction Contract = \$169,715)

This project involved the replacement of approximately 1,200 linear feet of 12-inch storm sewer from Village Green Park to Lambert Lake. Construction has been completed including installation of top soil, seed, and erosion control blanket. Next steps for the project involves preparation of the final pay estimate, balancing change order, and invoicing the park district for their share of the project costs. The construction cost is anticipated to be approximately \$9,000 under the construction contract award amount.

NORTH PARK BLVD. / MAIN STREET IMPROVEMENTS – Contractor: R.W. Dunteman

(Project No. 13001; Value of Construction Contract = \$2,945,000)

Staff and the Resident Engineer have addressed all of IDOT's requests with project closeout in the court of IDOT District 1 Materials.

TAYLOR AVENUE PEDESTRIAN TUNNEL – Contractor: "D" Construction

(Project No. 15009; Value of Construction Contract = \$2,745,521)

The Engineer has transmitted the final pay estimate to IDOT. However, one last review of the project files noted one material certification deficiency for steel sign support. Staff has prepared and submitted an authorization to deduct payment for the item from the Contract due to the

deficient certification. Once the authorization is approved, the final pay estimate will be revised and resubmitted to IDOT.

CRESCENT BOULEVARD RECONSTRUCTION – Contractor: Martam Construction

(Project No. 13002; Value of IDOT Contract = \$3,153,000; Local Share = \$1,480,000)

All paperwork is complete. Awaiting final invoicing from IDOT.

ENGINEERING PROJECTS

HILL AVENUE UTILITY IMPROVEMENTS – Engineer: Walter E. Deuchler Associates

(Project No. 00511)

Public Works Operations staff has completed an investigation of the routing of water services on the Elliot Construction property which was forwarded to the Engineer for updating the engineering drawings. At the request of Elliot Construction, a revised alignment for the water main extension on his property will be prepared and presented to Elliot Construction for consideration

GLEN ELLYN/IL AMERICAN WATER INTERCONNECT– Engineer: Donohue

This project involves the design of an emergency use interconnection between the Village and Illinois American Water Company (ILAWC) distributions systems, near Glenbard South High School. The interconnection would significantly reduce the water outage areas for the respective utilities in the event of water main breaks. The respective IEPA permits for the two agency projects have been prepared and are under execution by the pertinent Village and Illinois American staff. Upon completion of execution, the permit forms, project drawings, and project specifications will be submitted to the IEPA for pursuit of the water main construction permits.

CENTRAL BUSINESS DISTRICT PROJECTS

TRAIN STATION / PEDESTRIAN TUNNEL – Engineer: CDM Smith/KMI Architects

(Project No. 16016)

Staff has reviewed and provided comments on the draft Section 4(f) Evaluation Report. The revised draft Section 4(f) Evaluation Report and Section 106 Effects Assessment packet was received on October 7 and will be transmitted to IDOT, FHWA, and SHPO for review. Staff has requested to meet with IDOT and FHWA to discuss the materials as its next FHWA Coordination meeting, scheduled for November 16. Metra has recently notified staff that it has received Right of First Refusal to purchase the Glen Ellyn Depot Site from Union Pacific Railroad. Staff has requested a meeting with FHWA and IDOT CBLRS to discuss the matter.

CBD UTILITY AND STREETSCAPE IMPROVEMENTS – Engineer: Civiltech Engineering, Inc.

(Project No. 15006)

The design engineer is proceeding with engineering plans preparation for Phase 1 of the project. Prefinal plans, specs, and cost estimate was submitted to the Village on September 28th.

Some of the recently completed tasks by Public Works are as follows:

- PW issued a Request for Proposals for Furnishing of Parkway Trees for the Central Business District Streetscape and Utility Improvements (CBD SUI). The proposals from qualified tree nurseries will be accepted until October 14, 2021. This contract

will furnish 246 shade trees of specified varieties and be planted in accordance with the anticipated stages of construction.

- Reviewed existing lightning system for Phase 1 area and provided direction on various streetlight design elements for the proposed streetlight improvement.
- PW initiated review of the pre-final plans, led by PW Engineering and other PW division tasked with future maintenance of the proposed improvements.
- Coordinated with ComEd and other utility companies to pursue with the undergrounding of the overhead lines at Hillside and Main
- Further coordinated with Nicor on timing of gas main replacement on Main St from Hillside to Duane
- Provided support to the design engineer on utility and roadway design questions

PROCUREMENT OF GOODS AND SERVICES

Public Works seeks the best vendor prices for various annual municipal and utility maintenance and operations activities. This effort includes local bidding of projects or joint purchasing initiatives, including the Municipal Partnering Initiative (MPI), a consortium of DuPage County communities.

Project	Estimated Glen Ellyn Cost	Status
2021 Sidewalk and Concrete Street Repairs	\$325,475 (2021)	This annual program includes repairs to deteriorated or damaged sidewalk and concrete roadway infrastructure throughout the Village. A first batch consisting of over 120 locations was poured the week of August 6, 2021 with asphalt patching and restorations completed the week of August 9, 2021. Sidewalk installations segments on Western Avenue and High Road were constructed the week of August 23 rd . A second and final batch of 55 repair locations has been submitted to the contractor. JULIE's are underway with the second batch of repairs anticipated to be completed mid-October.
2021 Parking Lot Resurfacing and Asphalt Roadway Patching	\$210,700 (2021)	Project scope includes roadway patching throughout the Village and resurfacing of the Park & Montclair parking lot. The contract was advertised on January 29, 2021 with bids opened on February 10, 2021. Award to the low bidder, J.A. Johnson Paving Company, was made at the February 22, 2021 Village Board meeting. Resurfacing and restriping of the Park & Montclair parking lot was completed the week of May 24, 2021 and the lot was reopened on May 29, 2021. Roadway patching work started on May 26, 2021 with all but four roadway patches being completed as of June 2, 2021. The remaining patches were completed on July 9, 2021. A list of pavement markings disturbed by roadway patching was restriped the week of July 26, 2021. Closeout of the project will be completed this fall.
2021 Pavement Markings	\$30,000 (2021)	This contract is annually intended to be awarded to the low bidder of either the DuPage County contract or the Suburban Purchasing Cooperative. Staff recommended that

Project	Estimated Glen Ellyn Cost	Status
		the Village Manager execute a contract with the lower bidder of the two programs, Precision Pavement Markings, Inc. This contract was executed on June 30, 2021. Unfortunately, due to COVID and weather damages to chemical manufacturing industry facilities in Texas, there is a significant backlog for pavement marking materials. The Contractor has indicated that it cannot complete pavement markings for the Village this fall but will extend the pricing to the spring with the hope that material availability improves by then.
2021 Crack Sealing	\$25,000 (2021)	This year's program is anticipated to be procured once staff has compiled candidate locations using upcoming Pavement Condition Index (PCI) Study data. The 2021 PCI Study is discussed below.
2021 Asphalt Surface Rejuvenation	\$40,000 (2021)	Candidate locations include streets that have been resurfaced one to three years prior. Staff has finalized target locations and quantities and requested pricing from single source vendor Corrective Asphalt Materials. Recommendation and award for a single-source purchase was made at the August 23 rd Village Board Meeting. Staff has executed a contract and will now proceed to schedule the work for completion in by late September.
2021 Pavement Condition Index (PCI) Study	\$50,000 (2021)	The Village has obtained pavement condition data for all Village streets every four years since 2004. Unfortunately, COVID-19 caused staff to recommend deferral of a 2020 Study due to financial concerns at the time. However, on a positive note, Staff applied for participation in CMAP's Pavement Management Program and recently learned that CMAP was able to secure additional State Planning and Research Grants and has included Glen Ellyn in its next round of assisting communities with completing PCI Studies and developing Pavement Maintenance Programs. The Village will in turn receive an updated Pavement Condition Index Survey of all the Village's streets as well as a 5-year pavement management program; <u>both at no cost to the Village.</u> Staff met with ARA on June 9 to discuss preliminary results of the field data collection and provide feedback. Staff then met again with ARA on August 12, 2021 to review a draft report and again provide feedback for various report output scenarios. The most current iteration of the Pavement Management Report was received on September 21 and is currently under review by staff. Comments will be provided to ARA for finalization of the report. This month, staff will be attending training on the PAVER software which is used to manage the pavement management plan. To fulfill part of the CMAP grant requirement, staff and members of the ARA team also plan to present the report's findings at November or December meetings of the CIC and Village Board.

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