

City of Bartlett David Parsons, Mayor

Municipal Planning Commission AGENDA

Monday, February 3, 2025 — 6:30 p.m. Bartlett City Hall Assembly Chamber

Opening Prayer

Official Business of the Day

Minutes of the Monday, December 2, 2024 Meeting

NEW BUSINESS Construction Plan

1. Union Depot Phase 3, 6896 Highway 70 (Roy Lamica, EFI Global)

<u>Final Plan</u>

2. Union Depot Phase 3, 6896 Highway 70 (Roy Lamica, EFI Global)

<u>Site Plan</u>

3. Union Depot Phase 3, 6896 Highway 70 (Roy Lamica, EFI Global)

Officer Elections

Open Discussion

The public shall be provided an opportunity to address the Board or Commission during an Open Discussion period at the end of each regular and special meeting of the governing body. Prior to the start of the meeting, individuals will be required to complete and present to the Clerk the Open Discussion Citizen form provided at each meeting. The Open Discussion period for regular and special meetings of the Board or Commission shall be limited to twenty (20) minutes. Individuals shall be allowed to speak for up to three (3) minutes each. Open Discussion periods will not be held for any meeting where there are no actionable items on the agenda or meetings where the governing body is conducting a disciplinary hearing for a member of the governing body or a person whose profession or activities fall within the jurisdiction of the governing body.

Adjourn

PLANNING COMMISSION

Monday, February 3, 2025 - 6:30 P.M. Bartlett City Hall Assembly Chamber Staff Comments

NEW BUSINESS

Construction Plan

1. Union Depot Phase 3, 6896 Highway 70 (Roy Lamica, EFI Global)

INTRODUCTION: Mr. Roy Lamica with EFI Global is requesting Planning Commission approval of a Construction Plan for Phase 3 of the Union Depot Residential Mixed Use Planned Development. The subject property is located at 6896 Highway 70 along the west side of Highway 70 and north of Stage Road. The subject property has split zoning with the northern half within the "RS-10" Single Family Residential Zoning District and the southern half within the "O-R-1" Neighborhood Office Zoning District.

BACKGROUND: In December 2021, the Board of Mayor and Aldermen approved a Special Use Permit to allow for the submittal of development plans for a Residential Mixed Use Planned Development on the 73.9 acres that was the former site of the Tennessee Baptist Childrens Home. In June 2022, the Planning Commission approved a Master Plan to subdivide the 73.9 acres of land into a 236-lot residential mixed use subdivision with 623 residential dwelling units over phases with three future commercial development lots along the Highway 70 frontage. The approved phasing of the development is as follows:

	Use	Number of Lots	Dwelling Units
Phase 1	Flats	1	337
Phase 2A	Residential	48 Townhome	48
	Townhomes	Lots 20-67	
Phase 2B	Residential	22 Townhome	76
	Townhomes /	Lots 1-19 and 68-	
	Single Family	70	
	Residential	54 Single Family	
		Lots 1-54	
Phase 3	Mixed Use	1	82
	Commercial/Lofts		
Phase 4	Single Family	55 (Lots 55-109)	55
	Residential		
Phase 5	Single Family	52 (Lots 110-161)	52
	Residential		
Commercial	Commercial	3	0
Outparcels			

In September 2022, the Planning Commission approved a Construction Plan for Phase 1A to construct the Union Depot Drive and Talcott Lane connections to US Highway 70. In January 2023, the Planning Commission approved the Construction Plans for Phase 1B and Phase 2A. In October 2023, the Planning Commission approved the Construction Plans for Phase 2B.

DISCUSSION: The specific request by the applicant is for the approval of the Construction Plans for the Union Depot Residential Mixed Use Planned Development Phase 3 which is 2.792 acres. The project scope for Phase 3 is the site layout for the mixed use building containing the Station Lofts multi-family and first floor commercial use space. The construction plans for Phase 3 of the development include: a site and layout plan, a grading and drainage plan with a storm-water detention pond shared with Phase 1 on COS K, erosion control plans, and a site utility plan. Access to the subdivision will be from the Union Depot Drive and Talcott Lane connections to US Highway 70.

Recommendation: Approval with conditions.

Engineering Conditions:

General:

- 1) A Subdivision Site Plan contract may be required and will be prepared by Engineering and submitted to the developer/engineer for review to cover the fees to be paid to the City of Bartlett.
- 2) If required, Applicant/ Engineer shall provide a <u>digital set of drawing</u> files showing the sanitary sewer lines, drainage lines, lot lines and all improvements in AutoCAD format to <u>dhubbard@cityofbartlett.org</u> and <u>ecampbell@cityofbartlett.org</u> for use in the preparation of the Water Design Plan. This plan will be coordinated with the site design engineer to resolve any conflicts.
- 3) A SWPPP and TDEC General Construction Permit will be required and shall be submitted to the TDEC and the City of Bartlett Engineering office. Permit numbers will be recorded on each page of the erosion control plan.
- 4) All new utilities shall be underground.
- 5) Existing sidewalks shown on this plan set are not installed. The developer will be responsible for installing 5" sidewalks and wheelchair ramps in the 9.5 foot pedestrian and utility easement along Union Depot Drive and Portage Drive.
- 6) Correct all markups.

Plat:

- 7) Subdivision monument locations shall be shown in accordance with the subdivision regulation.
- 8) Drainage easement extension shall be shown.
- 9) First note on plat sheet 1 needs to include drainage for utility maintenance.

Existing Conditions:

10) Existing conditions shall be verified in field. Some items shown are not existing. These may need to be called out as "To be completed under separate contract"

Site Plan:

11) All parking spots adjacent to sidewalk shall have parking blocks (wheel stops) to prevent vehicles from encroaching over the sidewalk. These shall serve to prevent injuries to people using the sidewalk as well as prevent overhang by parked vehicles, which would make the sidewalk unusable and/or non-ADA compliant. ADA compliance requires 4' of clear walkway and the 5' sidewalk provides little buffer if vehicles are allowed to overhang (particularly truck beds and trailer hitches). Additionally the angled parking spots adjacent to the 12' sidewalk would benefit from wheel stops to prevent overhang, as well as damage to the curb.

Layout Plan:

12) Drainage easement extension shall be shown.

Grading & Drainage Plan:

13) Structure #33 is shown in a parking spot, No. 10 special inlets are not suitable for parking areas.

Erosion Control Notes & Details:

14) Only the Dandy Bag should be used for inlet protection for inlets on streets open to the public.

Site Utility Plan:

- 15) Proposed Irrigation tap and meter will require a permit and tap fees to be paid.
- 16) A fire suppression system will be required, and must be approved by the City of Bartlett fire Marshall. A hydrant is required within 100' of the fire connection.
- 17) A post indicator valve (PIV) will be required.
- 18) An 8" water valve will be required where the 6" C900 (private) is to connect to the existing 8" water main. A reducer will be required on the fire main side of the valve.
- 19) Identify new sanitary sewer pipe as SDR-26.
- 20) A public cleanout, per City of Bartlett standard specifications, is required at the sanitary easement for the 6" sewer flowing into SMH#1. Pipe from manhole to cleanout to be SDR-26.

Sewer Profile and Details:

- 21) Indicate on profile that 8" sewer pipe is to be SDR-26.
- 22) Detail 2 is a City of Memphis detail. Although acceptable to use, the City of Bartlett will require steps in the manhole.
- 23) Add the City of Bartlett detail for a typical sewer cleanout.

Landscape Plan:

24) The plan calls for a 6' ornamental metal fence. Please provide a detail.

Planning Conditions:

- 1. The applicant shall label Landscape Plate D on the Phase 3 final plat. The Landscape Plate D detail must also be provided on the Phase 3 plat. These landscape plates will be modified to avoid landscaping being placed in conflict with underlying utilities.
- 2. The Final Plat for Phase 3 must have a phasing key map with the boundaries highlighted or bolded.
- 3. The Final Plat for Phase 3 must have the Outline Plan Instrument Number attached to the plat.
- 4. The Final Plat for Phase 3 shall identify the roles and responsibilities of the Property Owners Association/Home Owners Association.
- 5. The applicant shall be present at the meeting in order to make decisions to any changes that may be suggested by the Planning Commission.

Final Plan

2. Union Depot Phase 3, 6896 Highway 70 (Roy Lamica, EFI Global)

INTRODUCTION: Mr. Roy Lamica with EFI Global is requesting Planning Commission approval of a Final Plan for Phase 3 of the Union Depot Residential Mixed Use Planned Development. The subject property is located at 6896 Highway 70 along the west side of Highway 70 and north of Stage Road. The subject property has split zoning with the northern half within the "RS-10" Single Family Residential Zoning District and the southern half within the "O-R-1" Neighborhood Office Zoning District.

BACKGROUND: In December 2021, the Board of Mayor and Aldermen approved a Special Use Permit to allow for the submittal of development plans for a Residential Mixed Use Planned Development on the 73.9 acres that was the former site of the Tennessee Baptist Childrens Home. In June 2022, the Planning Commission approved a Master Plan to subdivide the 73.9 acres of land into a 236-lot residential mixed use subdivision with 623 residential dwelling units over phases with three future commercial development lots along the Highway 70 frontage. The approved phasing of the development is as follows:

	Use	Number of Lots	Dwelling Units
Phase 1	Flats	1	337
Phase 2A	Residential	48 Townhome	48
	Townhomes	Lots 20-67	
Phase 2B	Residential	22 Townhome	76
	Townhomes /	Lots 1-19 and 68-	
	Single Family	70	
	Residential	54 Single Family	
		Lots 1-54	
Phase 3	Mixed Use	1	82
	Commercial/Lofts		
Phase 4	Single Family	55 (Lots 55-109)	55
	Residential		
Phase 5	Single Family	52 (Lots 110-161)	52
	Residential		
Commercial	Commercial	3	0
Outparcels			

In January 2023, the Planning Commission approved the Final Plan for Phase 1 and Phase 2A. In October 2023, the Planning Commission approved the Final Plan for Phase 2B.

<u>DISCUSSION</u>: The specific request by the applicant is for the approval of the Final Plan for the Union Depot Residential Mixed Use Planned Development Phase 3 which is 2.792 acres. The project scope for Phase 3 is the site layout for the mixed use building containing the Station Lofts multi-family and first floor commercial use space. Access to the subdivision will be from the Union Depot Drive and Talcott Lane connections to US Highway 70.

Recommendation: Approval with conditions.

<u>Engineering Conditions</u>: General:

- 1) A Subdivision Site Plan contract may be required and will be prepared by Engineering and submitted to the developer/engineer for review to cover the fees to be paid to the City of Bartlett.
- 2) If required, Applicant/ Engineer shall provide a <u>digital set of drawing</u> files showing the sanitary sewer lines, drainage lines, lot lines and all improvements in AutoCAD format to <u>dhubbard@cityofbartlett.org</u> and <u>ecampbell@cityofbartlett.org</u> for use in the preparation of the Water Design Plan. This plan will be coordinated with the site design engineer to resolve any conflicts.

- 3) A SWPPP and TDEC General Construction Permit will be required and shall be submitted to the TDEC and the City of Bartlett Engineering office. Permit numbers will be recorded on each page of the erosion control plan.
- 4) All new utilities shall be underground.
- 5) Existing sidewalks shown on this plan set are not installed. The developer will be responsible for installing 5" sidewalks and wheelchair ramps in the 9.5 foot pedestrian and utility easement along Union Depot Drive and Portage Drive.
- 6) Correct all markups.

Plat:

- 7) Subdivision monument locations shall be shown in accordance with the subdivision regulation.
- 8) Drainage easement extension shall be shown.
- 9) First note on plat sheet 1 needs to include drainage for utility maintenance.

Existing Conditions:

10) Existing conditions shall be verified in field. Some items shown are not existing. These may need to be called out as "To be completed under separate contract"

Site Plan:

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Layout Plan:

12) Drainage easement extension shall be shown.

Grading & Drainage Plan:

13) Structure #33 is shown in a parking spot, No. 10 special inlets are not suitable for parking areas.

Erosion Control Notes & Details:

14) Only the Dandy Bag should be used for inlet protection for inlets on streets open to the public.

Site Utility Plan:

- 15) Proposed Irrigation tap and meter will require a permit and tap fees to be paid.
- 16) A fire suppression system will be required, and must be approved by the City of Bartlett fire Marshall. A hydrant is required within 100' of the fire connection.
- 17) A post indicator valve (PIV) will be required.
- 18) An 8" water valve will be required where the 6" C900 (private) is to connect to the existing 8" water main. A reducer will be required on the fire main side of the valve.
- 19) Identify new sanitary sewer pipe as SDR-26.
- 20) A public cleanout, per City of Bartlett standard specifications, is required at the sanitary easement for the 6" sewer flowing into SMH#1. Pipe from manhole to cleanout to be SDR-26.

Sewer Profile and Details:

- 21) Indicate on profile that 8" sewer pipe is to be SDR-26.
- 22) Detail 2 is a City of Memphis detail. Although acceptable to use, the City of Bartlett will require steps in the manhole.
- 23) Add the City of Bartlett detail for a typical sewer cleanout.

Landscape Plan:

24) The plan calls for a 6' ornamental metal fence. Please provide a detail.

Planning Conditions:

- 1. The applicant shall label Landscape Plate D on the Phase 3 final plat. The Landscape Plate D detail must also be provided on the Phase 3 plat. These landscape plates will be modified to avoid landscaping being placed in conflict with underlying utilities.
- 2. The Final Plat for Phase 3 must have a phasing key map with the boundaries highlighted or bolded.
- 3. The Final Plat for Phase 3 must have the Outline Plan Instrument Number attached to the plat.
- 4. The Final Plat for Phase 3 shall identify the roles and responsibilities of the Owners Association/Home Owners Association.
- 5. The applicant shall be present at the meeting in order to make decisions to any changes that may be suggested by the Planning Commission.

Site Plan

3. Union Depot Phase 3, 6896 Highway 70 (Roy Lamica, EFI Global)

INTRODUCTION: Mr. Roy Lamica with EFI Global is requesting Planning Commission approval of a Site Plan for Phase 3 – Station Lofts at Union Depot of

the Union Depot Residential Mixed Use Planned Development. The subject property is located at 6896 Highway 70 along the west side of Highway 70 and north of Stage Road. The subject property has split zoning with the northern half within the "RS-10" Single Family Residential Zoning District and the southern half within the "O-R-1" Neighborhood Office Zoning District.

BACKGROUND: In December 2021, the Board of Mayor and Aldermen approved a Special Use Permit to allow for the submittal of development plans for a Residential Mixed Use Planned Development on the 73.9 acres that was the former site of the Tennessee Baptist Childrens Home. In June 2022, the Planning Commission approved a Master Plan to subdivide the 73.9 acres of land into a 236-lot residential mixed use subdivision with 623 residential dwelling units over phases with three future commercial development lots along the Highway 70 frontage. The approved phasing of the development is as follows:

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Phase 5	Single Family	52 (Lots 110-161)	52
	Residential		
Commercial	Commercial	3	0
Outparcels			

In January 2023, the Planning Commission approved the Site Plan for The Westerly at Union Depot multi-family flats located in Phase 1.

<u>PISCUSSION</u>: The specific request by the applicant is for the approval of the Site Plan for the Union Depot Residential Mixed Use Planned Development Phase 3 – Station Lofts at Union Depot which is 2.792 acres. The proposed site plan includes the mixed use building containing the 82 units of Station Lofts multifamily and 10,608 square feet of first floor commercial use space, dumpster/trash compactor enclosure, vehicle charging locations, and streetscape along Union Depot Drive and Portage Drive. The multi-family units

will range in size from 530 sq.ft. to 1,186 sq.ft. Access to the subdivision will be from the Union Depot Drive and Talcott Lane connections to US Highway 70. The specifics of the proposed site plan is as follows:

Site	Site Data				
Site Area:	2.792 acres/121,619.52-square feet				
Proposed Total Building Area:	89,654 square feet				
	Loft units – 67,983				
	Loft common areas, office – 11,063				
	Commercial use space – 10,608				
Proposed Total Dwelling Units:	82				
Total Required Parking Spaces:	135 Total (6 Handicap / 2 ADA Van)				
Multi Family Dwellings Use - 82					
(1 space per unit if less than 165 units)					
Commercial Use – 53					
(1 space per 200 square feet)					
Total Proposed Parking Spaces:	137 Total				
	129 Regular & 6 Handicap / 2 ADA Van				
Green/Open Space:	15% (20% required overall with Residential				
	Mixed Use)				
Building Height:	50 feet – 3 stories				

Recommendation: Approval with conditions.

Engineering Conditions:

General:

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- 2) If required, Applicant/ Engineer shall provide a <u>digital set of drawing</u> files showing the sanitary sewer lines, drainage lines, lot lines and all improvements in AutoCAD format to <u>dhubbard@cityofbartlett.org</u> and <u>ecampbell@cityofbartlett.org</u> for use in the preparation of the Water Design Plan. This plan will be coordinated with the site design engineer to resolve any conflicts.
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Landscape Plan:

24) The plan calls for a 6' ornamental metal fence. Please provide a detail.

Planning Conditions:

- 1. The applicant shall add the number of multi-family units and the square footage of commercial space to the site plan data table.
- 2. The applicant shall add the parking space design ratios for multi-family use and commercial use to the site plan data table.
- 3. The applicant shall clearly designate the location of multi-family parking spaces and commercial use parking spaces.
- 4. The applicant shall label Landscape Plate D on the Phase 3 final plat. The Landscape Plate D detail must also be provided on the Phase 3 plat. These landscape plates will be modified to avoid landscaping being placed in conflict with underlying utilities.
- 5. The Final Plat for Phase 3 must have a phasing key map with the boundaries highlighted or bolded.
- 6. The Final Plat for Phase 3 must have the Outline Plan Instrument Number attached to the plat.
- 7. The Final Plat for Phase 3 shall identify the roles and responsibilities of the Property Owners Association/Home Owners Association.
- 8. The applicant shall be present at the meeting in order to make decisions to any changes that may be suggested by the Planning Commission.



PC Construction Plan Application

Date: 01/06/2025

	Pro	iect	Info	rmat	ion
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Property Address: 6896 Highway 70

Project Name:

Description: Mixed Use (Retail/Multi-Family)

Present Zoning: # of Lots:

Planned Development

Blue Sky Communities, Inc.

177 Crescent Drive

Collierville, TN 38017

Applicant / Owner

Applicant Name: Roy Lamica

EFI Global Company Name:

Address: 7975 Stage Hills Blvd, Suite 1

City, State, Zip: Bartlett, TN 38133 Phone: 9013551347

Email: roy.lamica@efiglobal.com Owner Name:

Company Name:

Address:

City, State, Zip: Phone:

9018540525

Email:

Architect / Engineer

Architect Contact: Reid Cullers

Company Name: Shapiro & Company

Architects

Address: 435 Madison Avenue, Suite

200

City, State, Zip: Memphis, TN 38103

Phone: 9016859001

Email: rcullers@shapiroandco.coom **Architect Contact:** Roy Lamica Company Name:

EFI Global Address: 7975 Stage Hills Blvd, Suite 1

City, State, Zip: Bartlett, TN 38133

Phone: 9013551347

Email: roy.lamica@efiglobal.com

do hereby certify that the information conf	tained herein is true and correct.
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Roy Lamica	01/06/2025
Name	Date

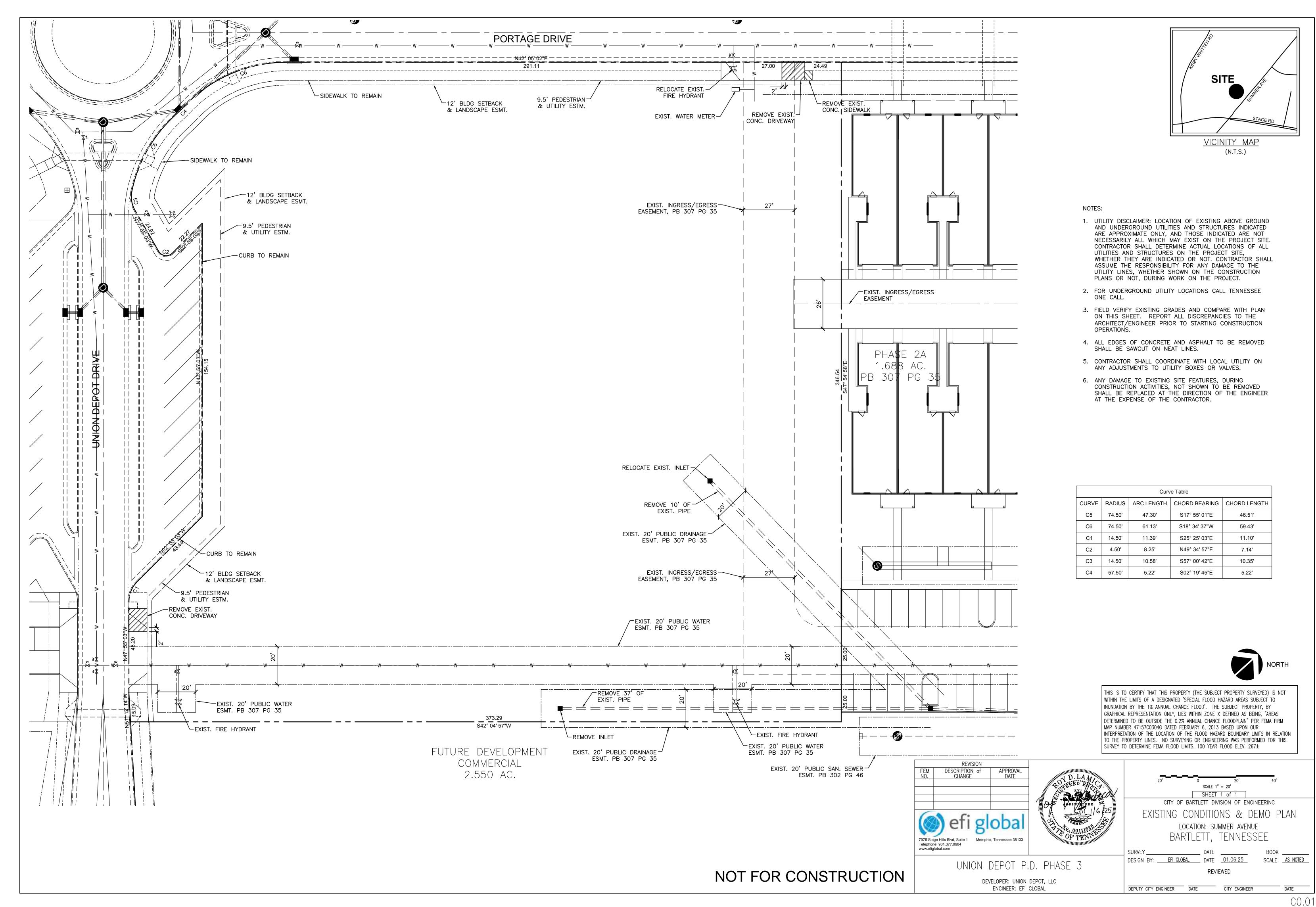
Bartlett Planning and
Economic Development Department
6382 Stage Road, P.O. Box 341148
Bartlett, TN 38184-1148
901-385-6417 FAX 901-385-6419
www.cityofbartlett.org

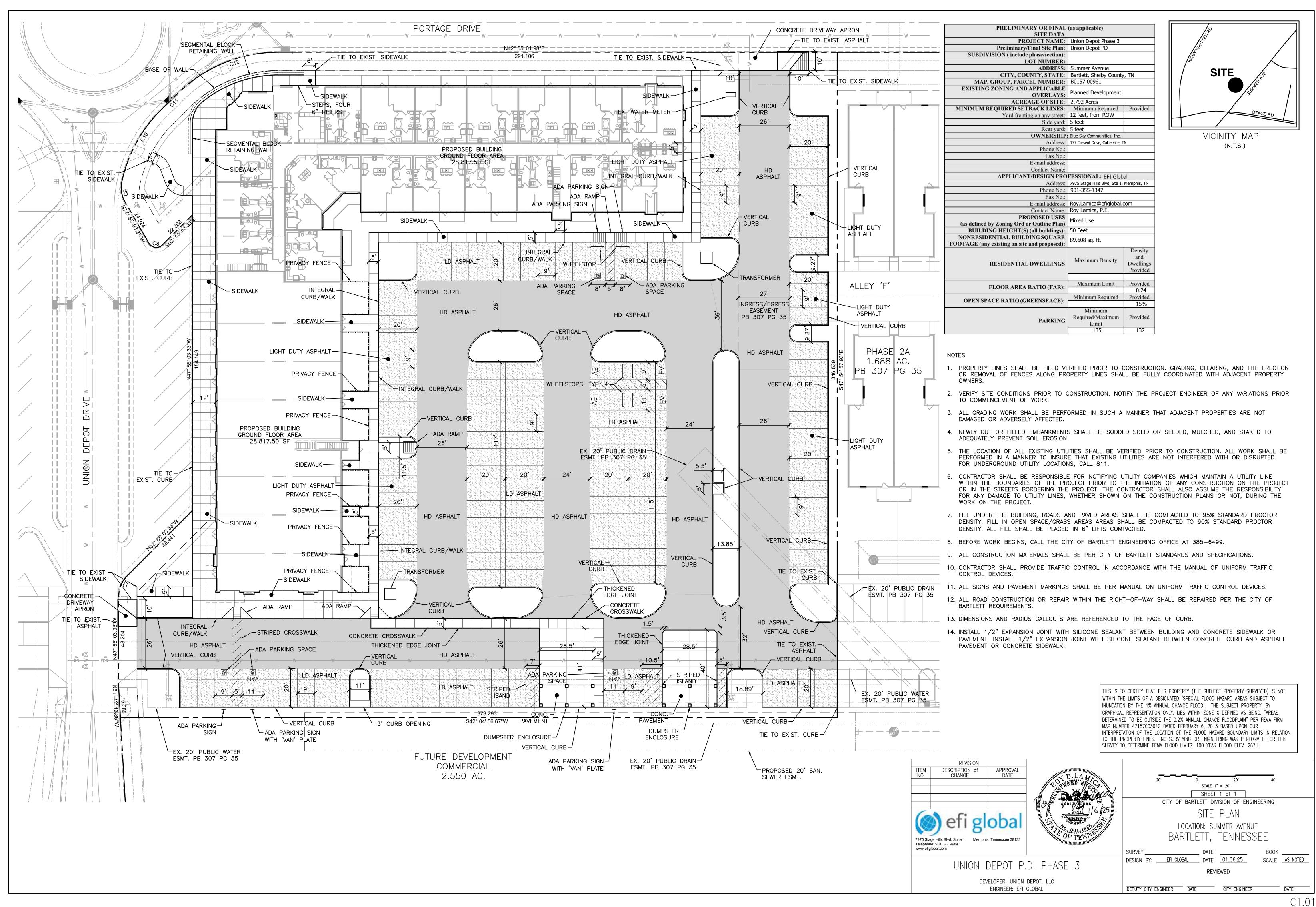
Construction Plan Checklist

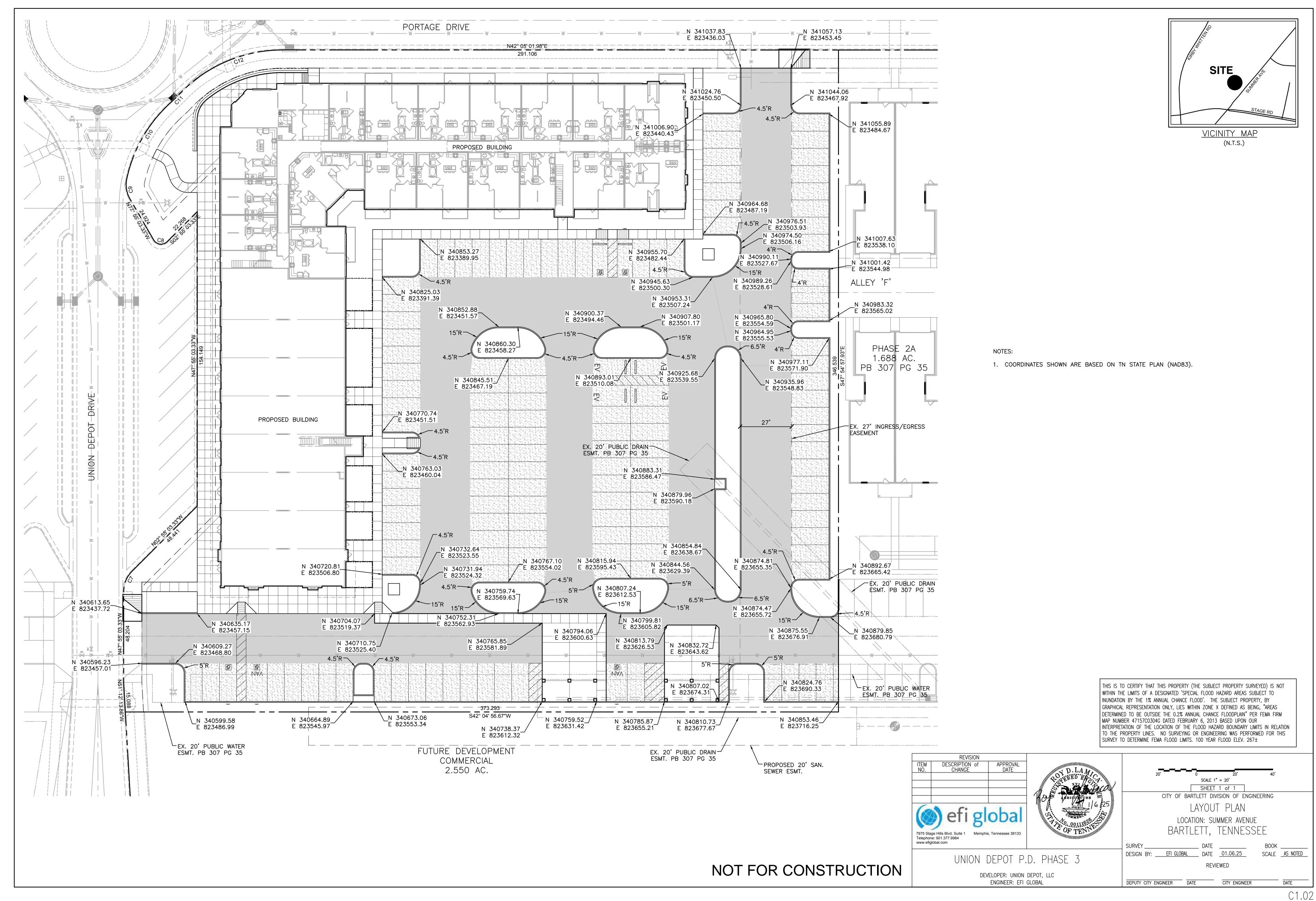
The applicant shall either indicate that the following items have been completed by a check Certificates: (As applicable) $(\sqrt{})$ or that they are not applicable (n/a). Suitability of Soils for Septic In addition to all the requirements of the Master Tanks Plan, the Construction Plan shall show Approval of Water and Signature and Seal of Designer, a Sewerage Systems Professional Civil Engineer Registered in Tennessee Accuracy of Engineering and Design * Grading Plan, existing & finished contours for the site and fifty (50) feet Approval of Water and Sewer beyond property Lines N/A * Extent and elevation of land below the Approval of Street and Drainage 100-year flood **Improvements** Χ Detailed plan of sewer layouts **Quality of Construction** Χ Plan and profile sheets and engineering Χ Compliance with requirements data for streets, storm drainage, controls of EPA for surface and ground water, water and N/A Approval of Flood sewer layouts Administrator Landscape plan and planting schedule as In addition to the Construction Plan drawings, required the following shall be provided: Comprehensive drainage plan Χ One PDF file of the pictorial portion of the Construction traffic access plan Construction Plan sheets indicated above by an asterisk (*), for display at the Planning Commission meeting.

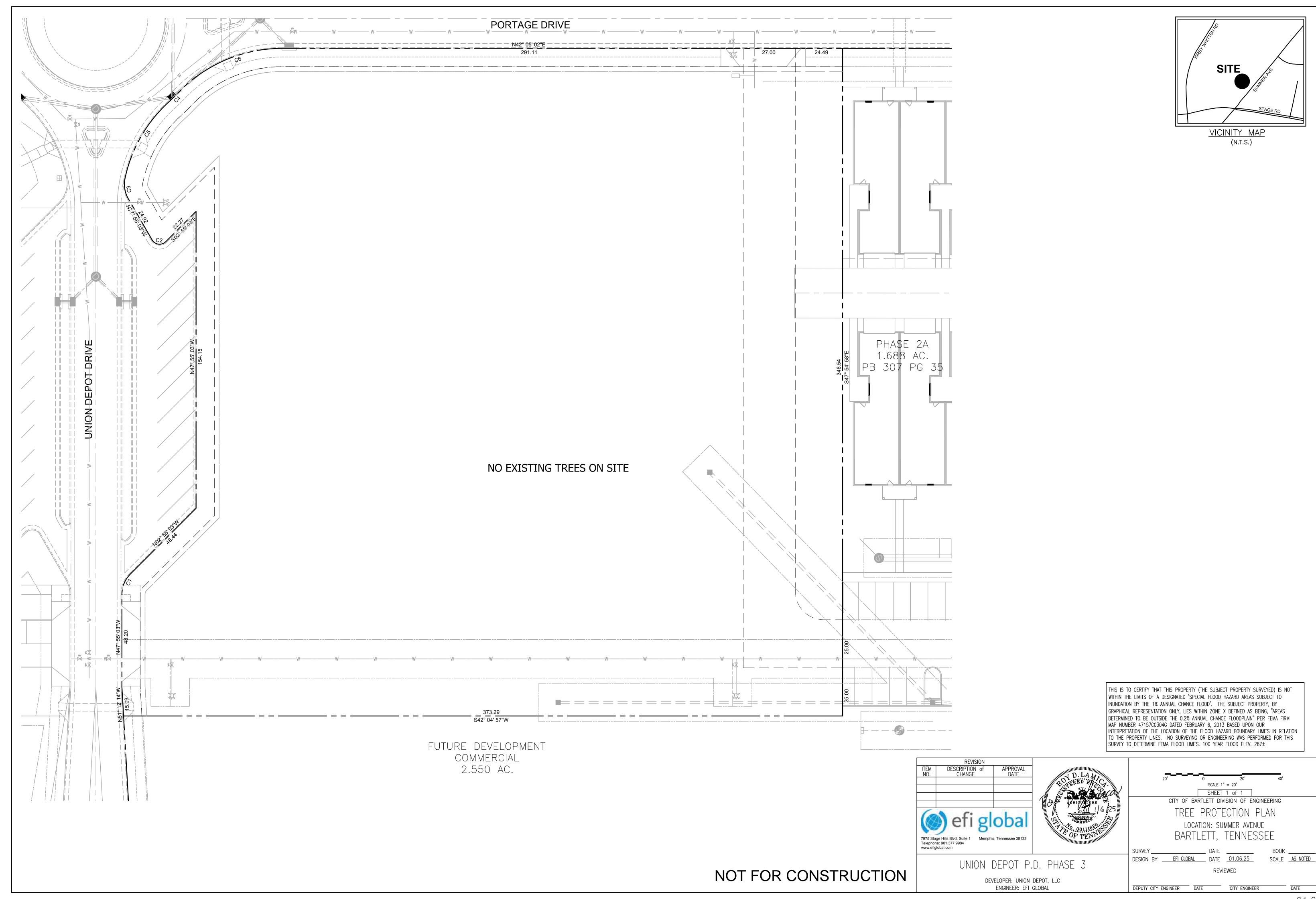
Include a fee of \$500.00 plus \$20.00 per lot with this application (check payable to the City of Bartlett). **The fee is not refundable.**

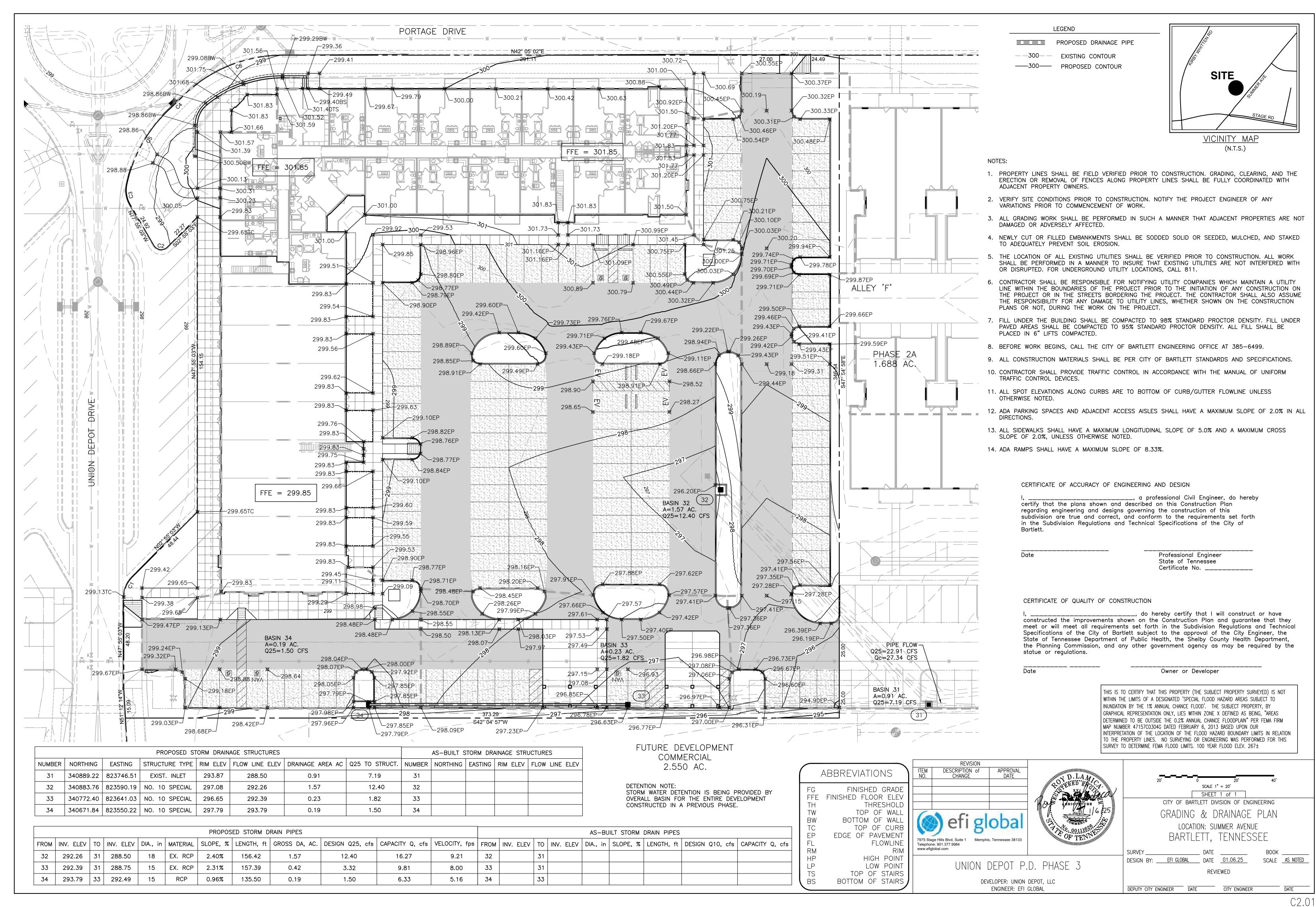
INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED

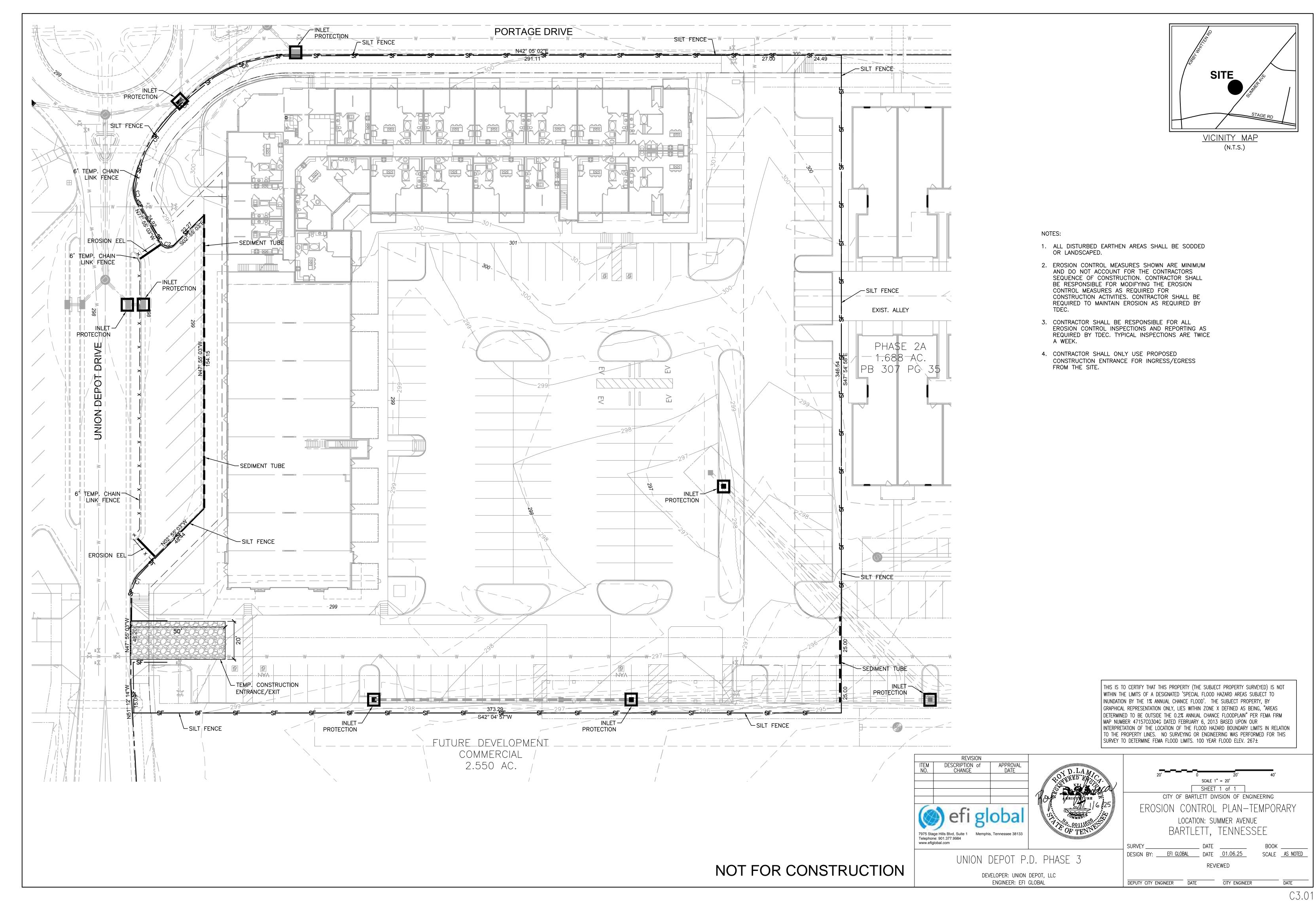


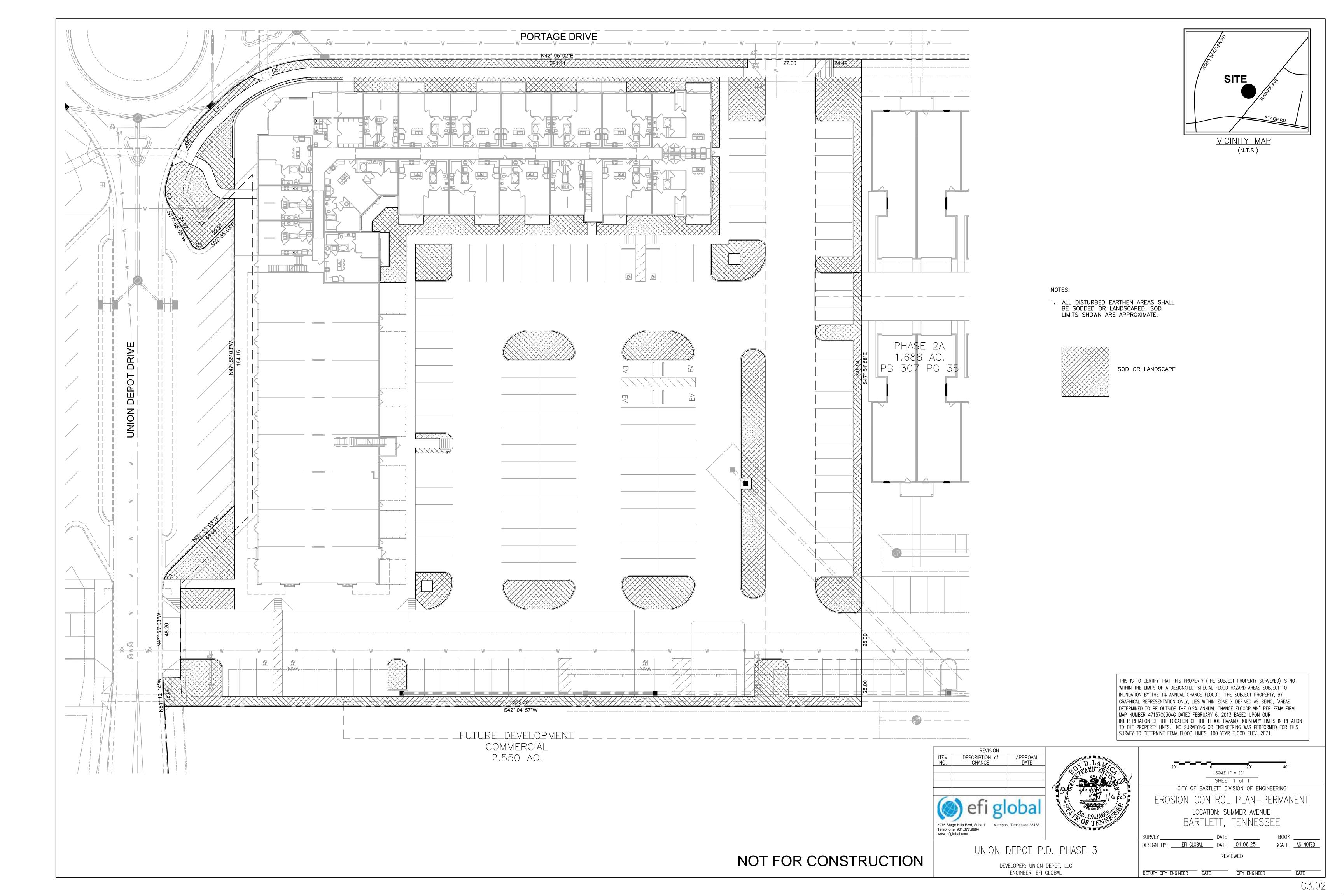






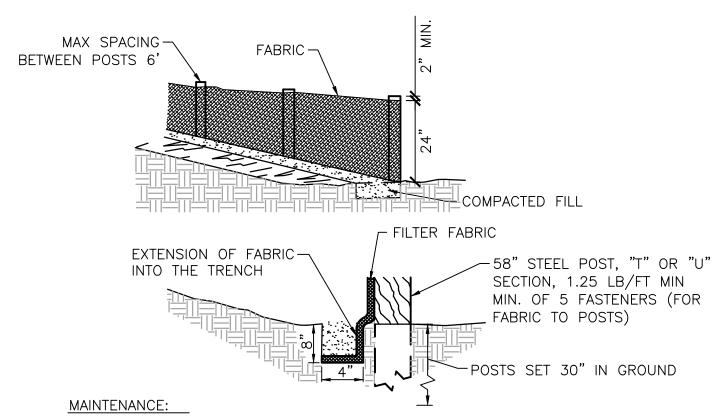






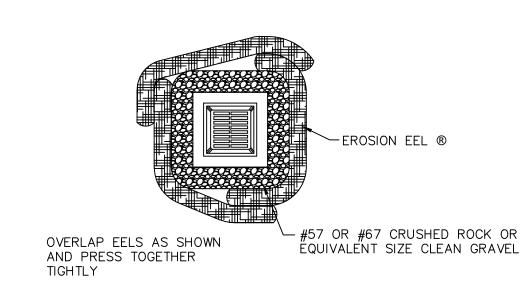
EROSION CONTROL NOTES

- 1. THE PURPOSE OF THIS EROSION CONTROL PLAN IS TO PREVENT SILTATION AND OTHER POLLUTANTS, DUE TO CONSTRUCTION, FROM ENTERING ADJACENT STREAMS AND
- 2. CLEARING AND GRUBBING IS TO BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE SLOPES. UNNECESSARY CANOPY REMOVAL (TREES, SHRUBS, ETC.) IS PROHIBITED.
- 3. MAINTAIN ALL GROUND COVER WHENEVER POSSIBLE. ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE NOT TO RECEIVE PAVING SHALL BE SODDED AS SOON AS
- 4. ALL DITCHES AND FRESH CUTS IN DRAINAGE WAYS SHALL BE STABILIZED WITH SOD WHERE INDICATED ON PLAN.
- 5. TO REDUCE SEDIMENT IN RUNOFF, EROSION CONTROL MEASURES SHALL BE INSTALLED PROMPTLY DURING ALL CONSTRUCTION PHASES.
- 6. SEDIMENT TRAPS SHALL BE LOCATED AS NEEDED BY THE ENGINEER.
- 7. SITE EROSION CONTROLS SHALL BE CHECKED BI-WEEEKLY AND AT LEAST 72 HOURS APART AND IF NECESSARY REPAIRED WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN 0.5". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
- 8. DURING SEDIMENT REMOVAL. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL COMPONENTS OF EROSION CONTROL STRUCTURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE STRUCTURES AT THE CONTRACTOR'S EXPENSE.
- 9. ALL AREAS TO REMAIN BARE GREATER THAN 14 DAYS MUST BE TEMPORARILY STABILIZED. ALL SLOPES GREATER THAT 3 TO 1 TO REMAIN BARE FOR MORE THAT 7 DAYS MUST BE TEMPORARILY STABILIZED.
- 10. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES IS TO BE PLACED AT A SITE APPROVED BY THE ENGINEER. IT SHALL BE TREATED IN A MANNER SO THAT THE AREA AROUND THE DISPOSAL SITE WILL NOT BE CONTAMINATED OR DAMAGED BY THE SEDIMENT IN RUN-OFF. ALL COST FOR SEDIMENT REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 11. UPON COMPLETE REMOVAL OF SEDIMENT TRAPS, SPECIAL DITCHES, ETC., THE AREA WHERE THEY WERE CONSTRUCTED IS TO BE TOPSOILED, SEEDED, AND MULCHED.
- 12. ALL STOCKPILES TO BE CONTAINED BY SILT FENCE IN ORDER TO PREVENT SEDIMENT RUNOFF FROM ENTERING NEARBY STREAMS.
- 13. SHOULDERS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED AGAINST EROSION. SILTATION MEASURES SHALL BE IMPLEMENTED PROMPTLY TO REDUCE THE SEDIMENT IN RUN-OFF FROM THE CONSTRUCTION SITE.
- 14. EQUIPMENT STAGING AND MAINTENANCE AREAS SHALL BE DEVELOPED A SUFFICIENT DISTANCE FROM STREAMS TO ENSURE THAT OIL, GASOLINE, AND OTHER PETROLEUM POLLUTANTS DO NOT ENTER THE WATERWAYS.
- 15. FAILURE TO MAINTAIN GOOD EROSION CONTROL MEASURES COULD RESULT IN A CIVIL PENALTY BEING ISSUED TO THE CONTRACTOR. THE PRIMARY PERMITTEE (OWNER/DEVELOPER) IS ULTIMATELY RESPONSIBLE FOR MEETING THE TERMS AND CONDITIONS OF THE CONSTRUCTION GENERAL PERMIT. ALL PERMITTEES, BOTH PRIMARY AND SECONDARY (TYPICALLY THE CONTRACTOR) CAN BE HELD RESPONSIBLE IF THE TERMS AND CONDITIONS OF THE CONSTRUCTION GENERAL PERMIT ARE NOT MET.
- 16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL DEVICES IN GENERAL CONFORMANCE TO THE EROSION CONTROL PLAN. THE EROSION CONTROL PLAN IS PROVIDED TO INDICATE MINIMUM EROSION CONTROL MEASURES REQUIRED OF THE CONTRACTOR AND DOES NOT TAKE INTO ACCOUNT THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION. ADDITIONAL EROSION CONTROL MEASURES SHALL BE UNDERTAKEN BY THE CONTRACTOR AS REQUIRED TO MINIMIZE IMPACTS TO ADJACENT PROPERTIES AND THE DRAINAGE SYSTEM DOWNSTREAM OF THE SITE, AT NO ADDITIONAL COST.
- 17. FOR INLETS IN PAVEMENT, CONTRACTOR SHALL USE WADDLES SURROUNDING THE INLET AND FLEXSTORM "CATCH-IT" BY ADS. SEDIMENT SHALL BE REMOVED FROM BELOW-GRADE CATCH BASIN SEDIMENT TRAP ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AT NO ADDITIONAL COST TO OWNER.
- 18. CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION OR OTHER ACTIVITIES.
- 19. AN EPSC LEVEL 1 CERTIFIED INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SOIL EROSION CONTROL MEASURES AS NOTED ON THE PLANS AND AS REQUESTED BY THE OWNER DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SATISFYING THE REQUIREMENTS OF THE STATE OF TENNESSEE DIVISION OF WATER RESOURCES AS SET FORTH IN THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK. ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTRACT SO AS TO PREVENT ANY SEDIMENTATION FROM WASHING OFF THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHTS-OF-WAY. STRAW BALE DAMS AND/OR SEDIMENT FENCE SHALL BE INSTALLED AS DIRECTED. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL MAINTENANCE ACTIVITIES FOR THE EROSION CONTROL ELEMENTS AS REQUIRED BY THE STATE OF TENNESSEE DIVISION OF WATER RESOURCES.
- 21. THE FOLLOWING ITEMS MUST BE AVAILABLE ON SITE FOR THE DIVISION OF WATER RESOURCES INSPECTOR ON REQUEST: EROSION CONTROL PLAN, SWPPP, TWICE WEEKLY INSPECTION CERTIFICATION FORMS, AND THE NOTICE OF COVERAGE FOR THE PROJECT.
- 22. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY OR PRIOR TO RAINFALL EVENTS.
- 23. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY BI-WEEKLY IN DRY PERIODS AND WITHIN 24 HOURS AFTER ANY RAINFALL OF 0.5 INCHES WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING IS NECESSARY. THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
- 24. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TDEC "EROSION AND SEDIMENT CONTROL HANDBOOK, 4TH EDITION."
- 25. THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THIS PLAN AND FOR INSTALLING NEW SILT FENCE AS REQUIRED.
- 26. ALL STATE/NPDES PERMITS ARE REQUIRED TO HAVE BEEN OBTAINED BEFORE START UP OF ANY CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION GENERAL PERMIT, ARAP AND ARMY CORPS OF ENGINEERS PERMIT.
- 27. MUDDY WATER TO BE PUMPED FROM EXCAVATION AND WORK AREAS MUST BE HELD IN SETTLING BASINS OR TREATED BY FILTRATION THROUGH AN APPROVED DEWATERING BAG SET-UP PRIOR TO ITS DISCHARGE OFF-SITE, INTO STORM DRAINS OR SURFACE WATERS SILT FENCE FABRIC ALONE IS NOT ADEQUATE AS A FILTER. WATER MUST BE DISCHARGED THROUGH A PIPE OR LINED CHANNEL SO THAT THE DISCHARGE DOES NOT CAUSE EROSION AND SEDIMENTATION. THE DISCHARGE MUST NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING STREAM

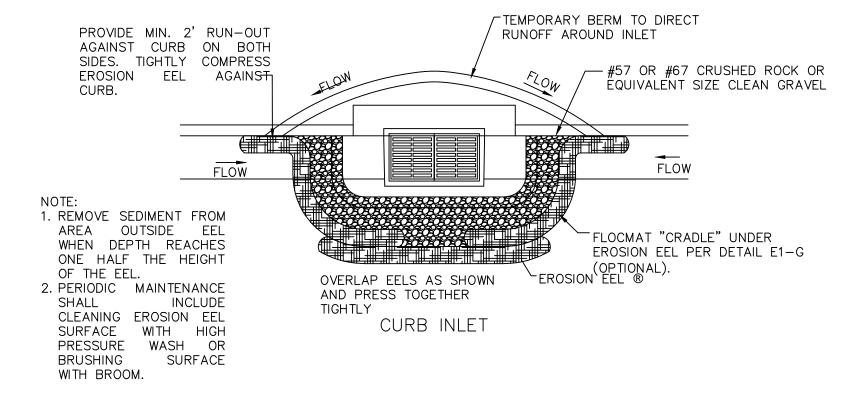


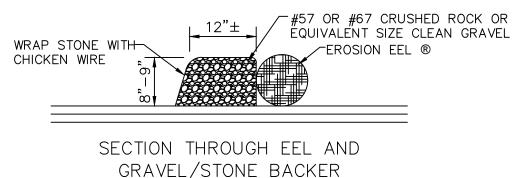
- 1. INSPECT SEDIMENT FENCES AT LEAST TWICE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE. REPLACE IT PROMPTLY. REPLACE BURLAP AS NEEDED
- 2. REMOVE SEDIMENT DEPOSITS WHEN THE STORAGE VOLUME HAS BEEN REDUCED BY 50% TO PROVIDE ADEQUATE STORAGE FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY



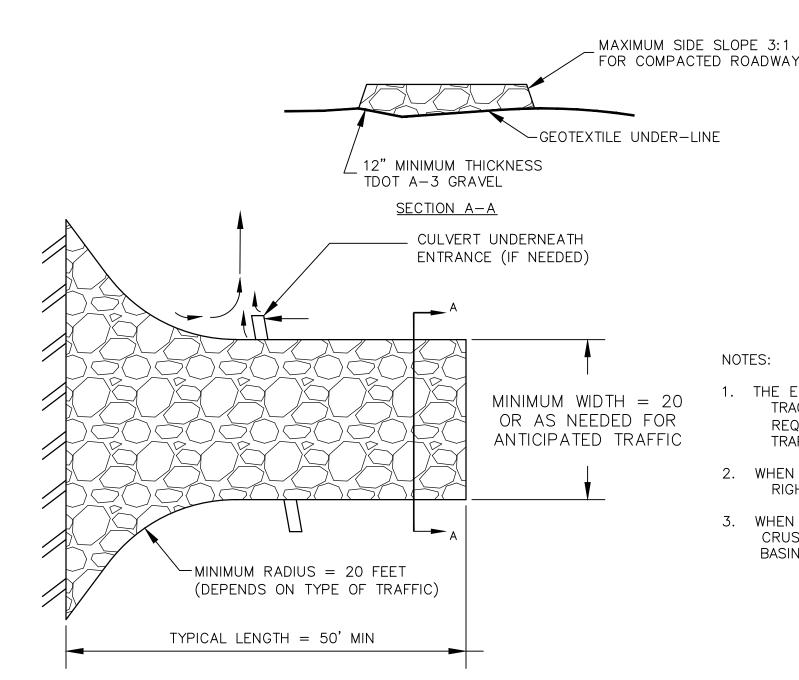


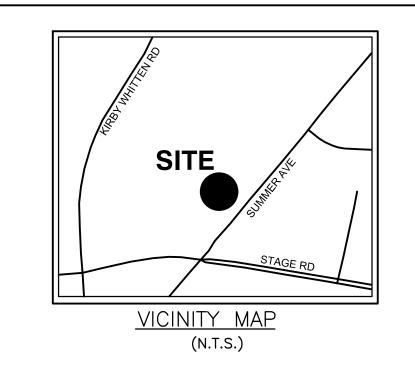
GRATE/WEIR INLET





EROSION EEL® INLET PROTECTION

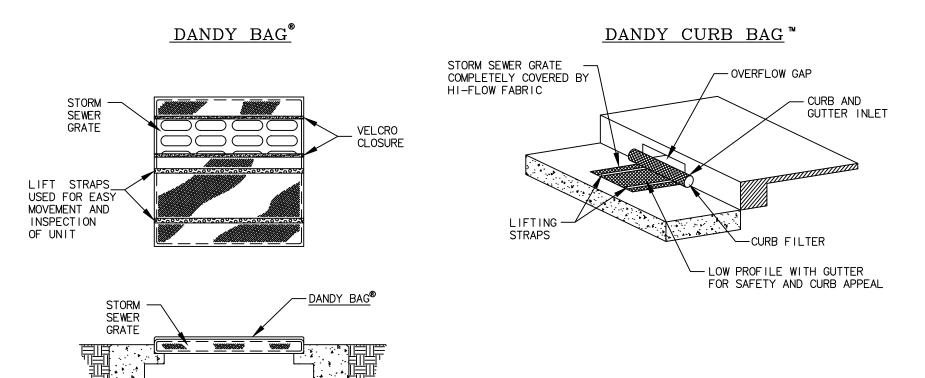


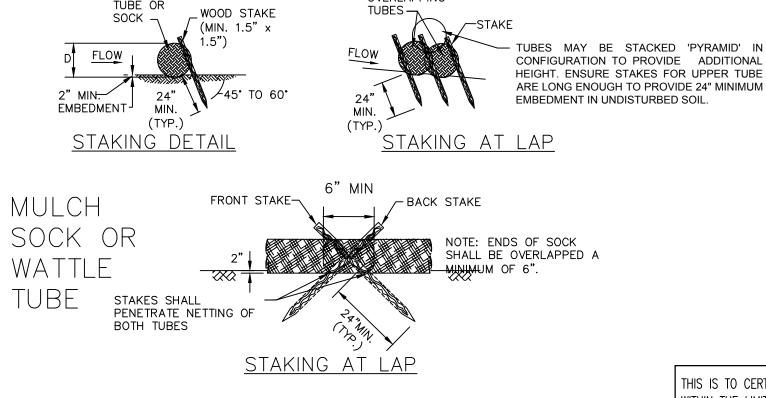


NOTES:

- 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT







NOTE: WATTLE TUBES MAY BE SUBSTITUTED FOR SILT FENCE WHERE SILT FENCE IS SHOWN ON PLANS UNLESS SPECIFICALLY NOTED OTHERWISE.



THIS IS TO CERTIFY THAT THIS PROPERTY (THE SUBJECT PROPERTY SURVEYED) IS NOT WITHIN THE LIMITS OF A DESIGNATED 'SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD'. THE SUBJECT PROPERTY, BY GRAPHICAL REPRESENTATION ONLY, LIES WITHIN ZONE X DEFINED AS BEING, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN" PER FEMA FIRM MAP NUMBER 47157C0304G DATED FEBRUARY 6, 2013 BASED UPON OUR INTERPRETATION OF THE LOCATION OF THE FLOOD HAZARD BOUNDARY LIMITS IN RELATION TO THE PROPERTY LINES. NO SURVEYING OR ENGINEERING WAS PERFORMED FOR THIS SURVEY TO DETERMINE FEMA FLOOD LIMITS. 100 YEAR FLOOD ELEV. 267±

DEPUTY CITY ENGINEER DATE



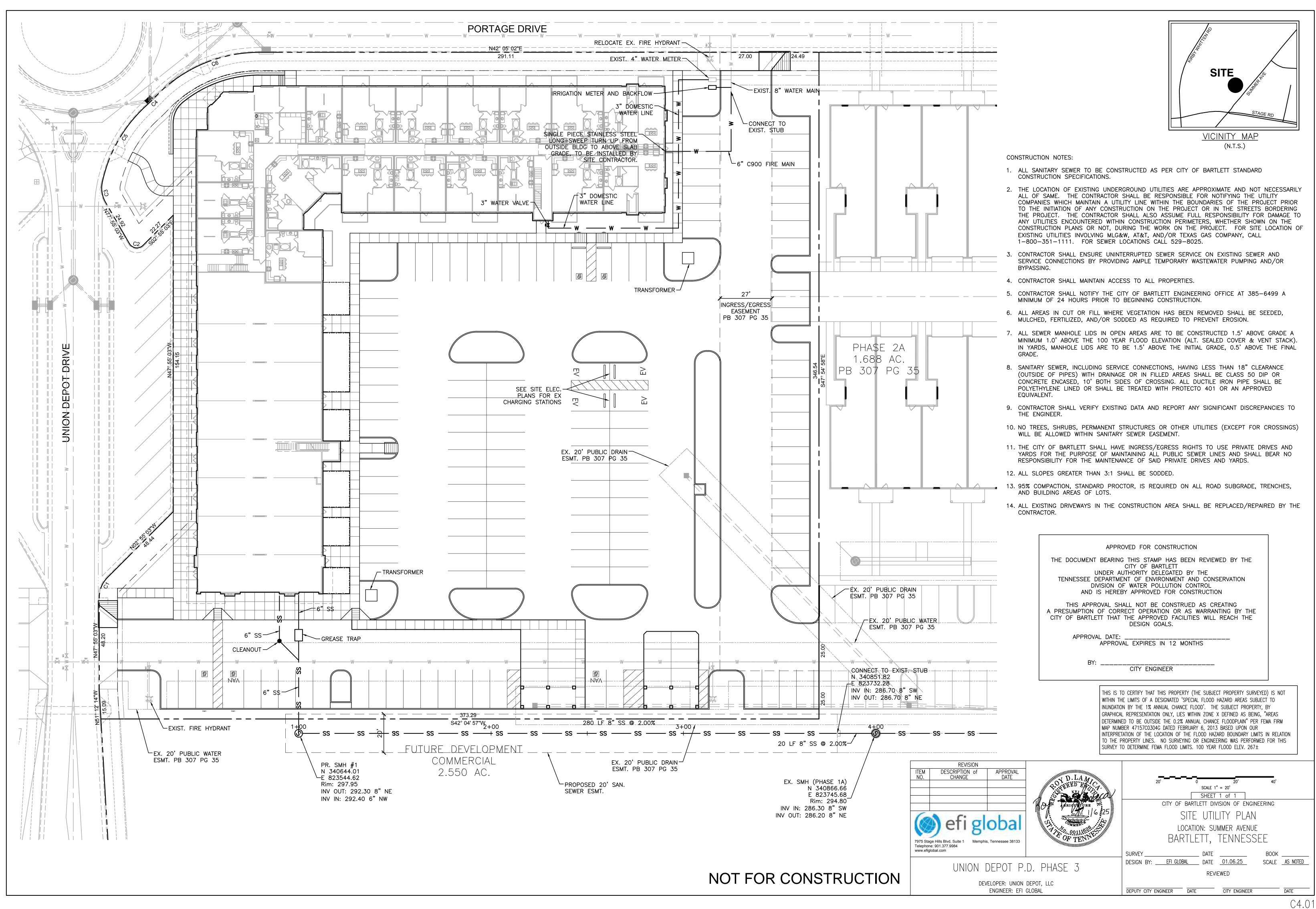
UNION DEPOT P.D. PHASE 3 DEVELOPER: UNION DEPOT, LLC

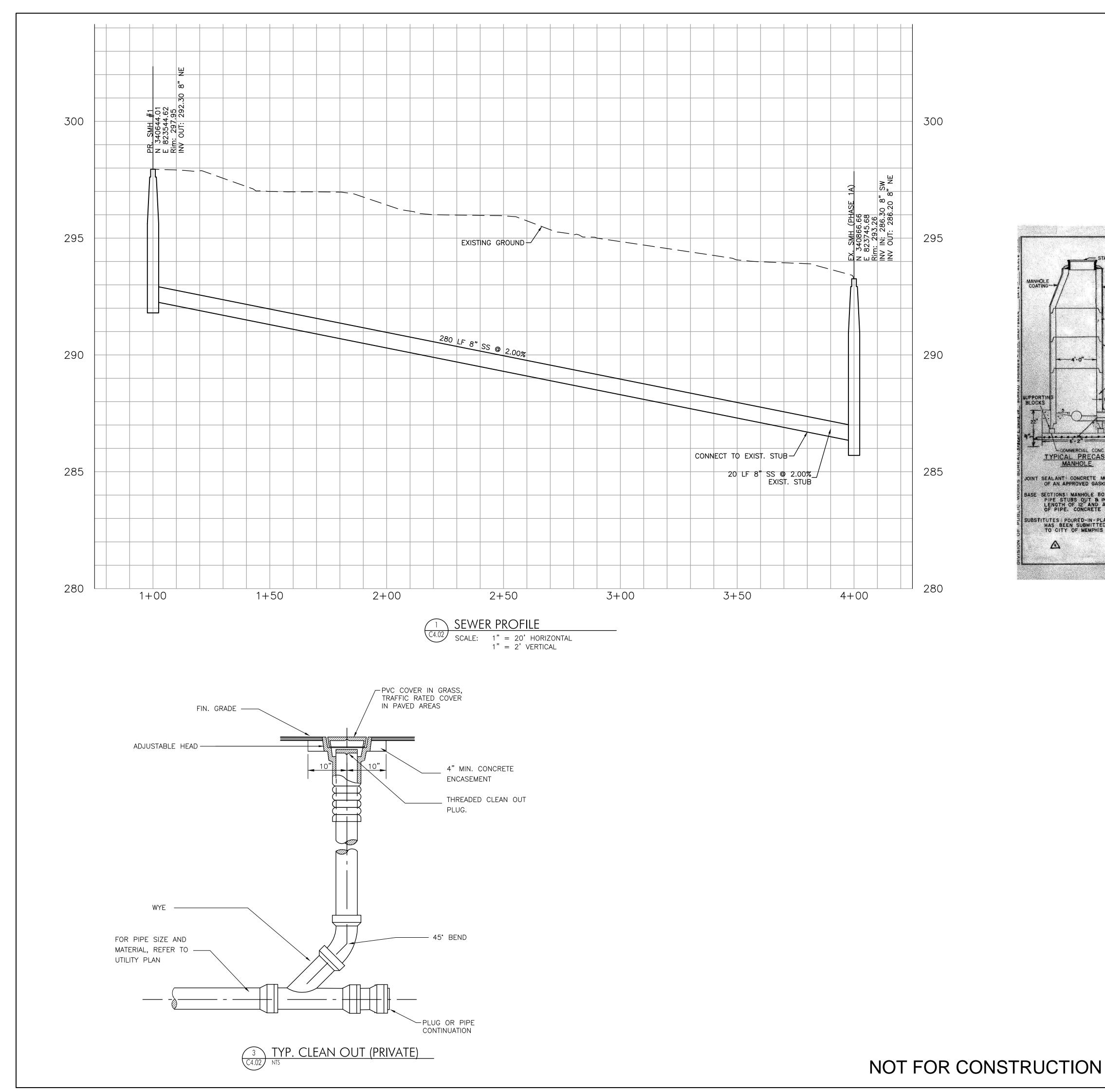
ENGINEER: EFI GLOBAL

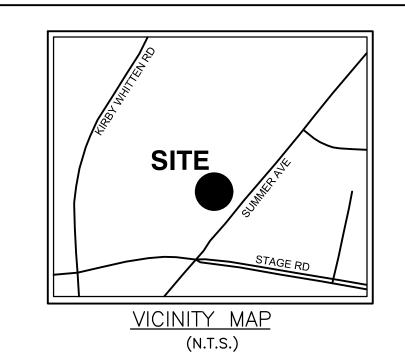
SCALE NTS SHEET 1 of 1 CITY OF BARTLETT DIVISION OF ENGINEERING EROSION CONTROL NOTES & DETAILS LOCATION: SUMMER AVENUE BARTLETT, TENNESSEE DATE DESIGN BY: ____EFI GLOBAL DATE __01.06.25_ SCALE <u>AS NOTED</u> REVIEWED

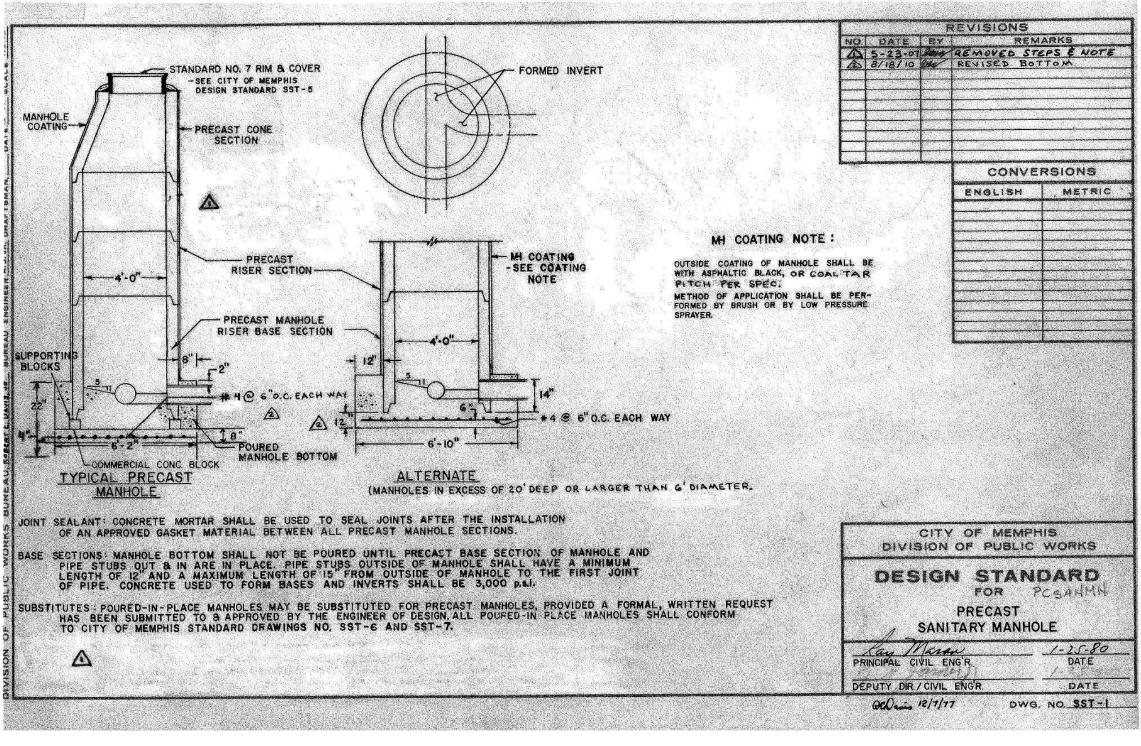
CITY ENGINEER

DATE









TYP. SANITARY SEWER MANHOLE

Output

Output

Description:

Output



THIS IS TO CERTIFY THAT THIS PROPERTY (THE SUBJECT PROPERTY SURVEYED) IS NOT WITHIN THE LIMITS OF A DESIGNATED 'SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD'. THE SUBJECT PROPERTY, BY DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN" PER FEMA FIRM MAP NUMBER 47157C0304G DATED FEBRUARY 6, 2013 BASED UPON OUR INTERPRETATION OF THE LOCATION OF THE FLOOD HAZARD BOUNDARY LIMITS IN RELATION TO THE PROPERTY LINES. NO SURVEYING OR ENGINEERING WAS PERFORMED FOR THIS SURVEY TO DETERMINE FEMA FLOOD LIMITS. 100 YEAR FLOOD ELEV. 267±

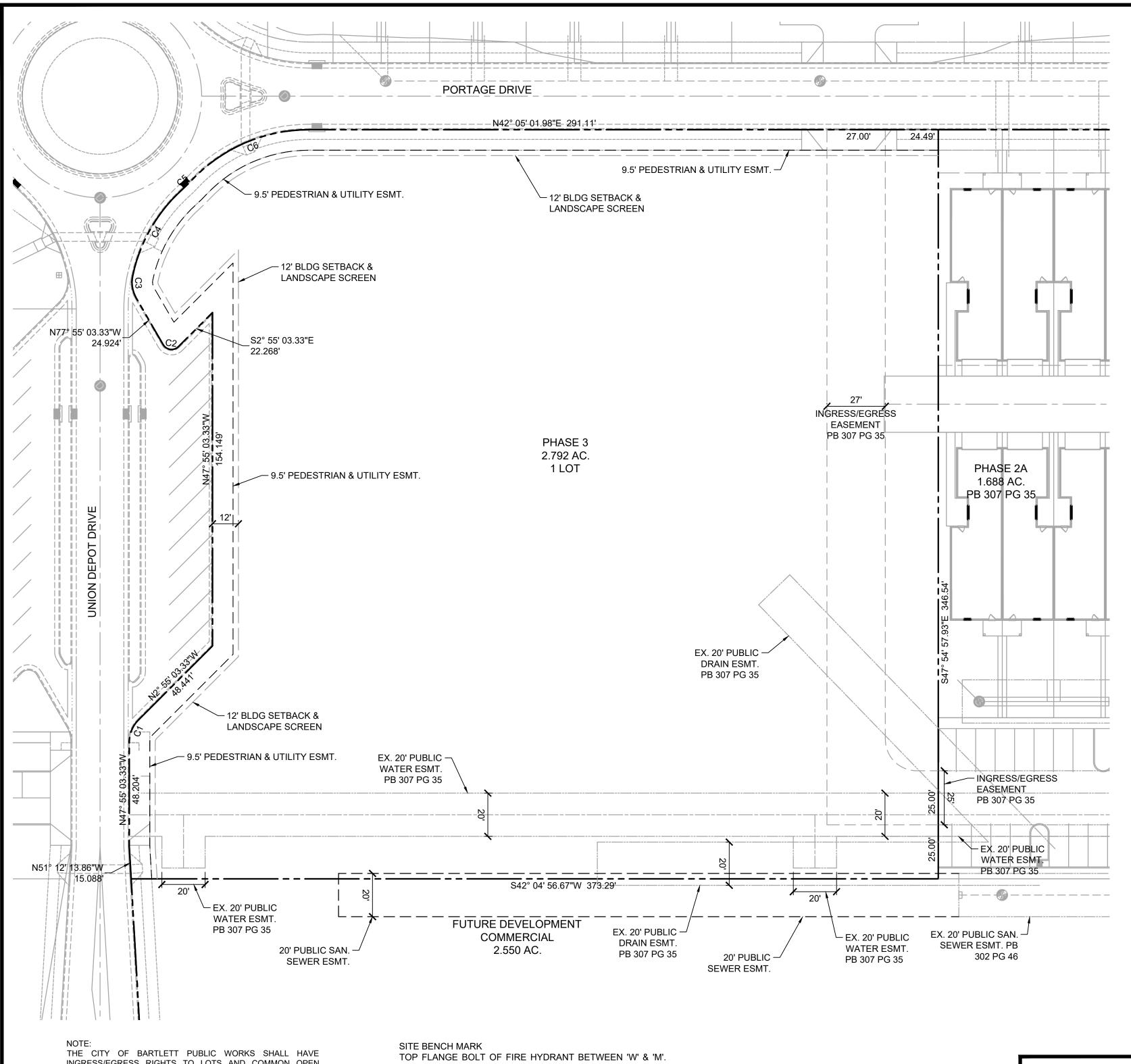


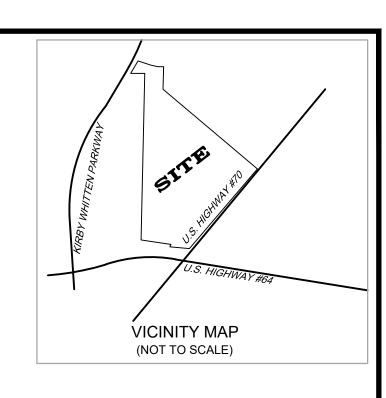
DEVELOPER: UNION DEPOT, LLC ENGINEER: EFI GLOBAL

SCALE NTS SHEET 1 of 1 CITY OF BARTLETT DIVISION OF ENGINEERING SEWER PROFILE AND DETAILS LOCATION: SUMMER AVENUE BARTLETT, TENNESSEE DESIGN BY: ____EFI GLOBAL DATE __01.06.25_ SCALE AS NOTED

REVIEWED DATE

DEPUTY CITY ENGINEER DATE CITY ENGINEER





CURVE TABLE				
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C1	14.50'	11.39'	S25° 25' 03"E	11.10'
C2	4.50'	8.25'	N49° 34' 57"E	7.14'
С3	14.50'	10.58'	S57° 00' 42"E	10.35'
C4	74.50'	47.30'	S17° 55' 01"E	46.51'
C5	57.50'	5.22'	N2° 19' 45"W	5.22'
C6	74.50'	61.13'	S18° 34′ 37″W	59.43'



NOTE:
THE CITY OF BARTLETT PUBLIC WORKS SHALL HAVE INGRESS/EGRESS RIGHTS TO LOTS AND COMMON OPEN SPACES FOR WATER & SEWER UTILITY MAINTENANCE. THE CITY SHALL NOT BE RESPONSIBLE FOR REPLACEMENT OF ANY PRIVATE INFRASTRUCTURE, SUCH AS CURB & GUTTER, SOD, AND FINAL PAVEMENT REGARDING NECESSARY REPARIS.

THE 9.5' PEDESTRIAN / UTILITY EASEMENT SHOWN SHALL BE AVAILABLE TO THE PUBLIC AND SHALL BE MAINTANED BY THE PROPERTY OWNERS ASSOCIATION, INCLUDING SIDEWALKS AND HANDICAP RAMPS.

COS AREAS SHALL BE TRANSFERRED TO THE PROPERTY OWNERS ASSOCIATION WHO WILL BE RESPONSIBLE FOR MAINTENANCE.

TOP FLANGE BOLT OF FIRE HYDRANT BETWEEN 'W' & 'M'.
FIRE HYDRANT LOCATED ON THE NORTHWEST SIDE OF
HIGHWAY 70 NEAR THE NORTHEASTERLY CORNER OF THE
PROPERTY AND ADJACENT TO DRIVE WAY FOR ST
GEORGE ORTHODOX CHURCH.
ELEVATION = 296.50

NOTE:

THIS PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) SUBJECT TO INUNDATION BY THE 1 PERCENT ANNUAL CHANCE FLOOD AS DETERMINED BY F.E.M.A. AND SHOWN ON FIRM MAP NUMBER 47157C0304 G, DATED FEBRUARY 16, 2013.

100 YEAR FLOOD ELEV. 267± (FLETCHER CREEK)



SCALE 1" = 30'

		IVIEIV	IFHIS, TENNESSEE	36133	www.crigiob	u1.00m
PRELIMINARY PLAT - PHASE 3						
UNION DEPOT PD						
CASE NUMBER:		FORMER CA	ASE NO:			
BARTLETT, TN						
NUMBER OF LOTS: 1 LOT	NUMBER OF LOTS: 1 LOT ACREAGE: 2.792 AC. PARCEL ID: PART OF B0157 00802					00802
DEVELOPER: BLUE SKY COMMUNITIES, INC. ENGINEER: EFI GLOBAL 177 CRESENT DR. COLLIERVILLE, TN						
100-YEAR FLOOD ELEV: 269-273 FEMA MAP PANEL: 47157C0304G MAP DATE			E: 02/06/2	2013		
DECEMBER 30, 2024	SCALE: 1"	= 50'		SHEET	1 OF	2

CERTIFICATE OF ADEQUACY OF STORM DRAINAGE
I,, DO HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL CIVIL ENGINEER, AND THAT I HAVE DESIGNED ALL STORM WATER DRAINAGE FOR TO ASSURE THAT NEITHER THE SAID SUBDIVISION NOR ADJOINING PROPERTY WILL BE DAMAGED OR THE CHARACTER OF LAND USE AFFECTED BY THE VELOCITY AND VOLUME OF WATER ENTERING OR LEAVING SAME.
IN WITNESS WHEREOF, I, THE SAID, PROFESSIONAL CIVIL ENGINEER, HEREUNTO SET MY HAND AND AFFIX MY SEAL THIS DAY OF
PROFESSIONAL CIVIL ENGINEER TENNESSEE CERTIFICATE NUMBER 111626
CERTIFICATE OF SUREY
I,
[SURVEYOR] TENNESSEE CERTIFICATE NUMBER
BOARD OF MAYOR AND ALDERMAN CERTIFICATE
I,, DO HEREBY CERTIFY THAT ALL REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED, OR THAT A PERFORMANCE BOND OR OTHER COLLATERAL IN SUFFICIENT AMOUNT TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS HAS BEEN POSTED FOR THE SUBDIVISION SHOWN ON THIS PLAT, AND HEREBY APPROVED BY THE CITY OF BARTLETT, TENNESSEE.
MAYOR, CITY OF BARTLETT DATE
PLANNING COMMISSION CERTIFICATE I,, DO HEREBY CERTIFY THAT THE CITY OF BARTLETT PLANNING COMMISSION HAS APPROVED THIS PLAT OF SUBDIVISION FOR RECORDING.

SECRETARY, BARTLETT PLANNING COMMISSION

DATE

OWNERS CERTIFICATE WE, THE UNDERSIGNED, , OWNERS OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAT AS OUR PLAN OF DEVELOPMENT AND DEDICATE THE STREETS, RIGHTS-OF-WAY, AND GRANT THE EASEMENTS AS SHOWN AND/OR DESCRIBED TO THE PUBLIC USE FOREVER. WE CERTIFY THAT WE ARE THE OWNERS OF SAID PROPERTY IN FEE SIMPLE, DULY AUTHORIZED SO TO ACT; AND THAT SAID PROPERTY IS NOT ENCUMBERED BY ANY TAXES WHICH HAVE BECOME DUE AND PAYABLE. DATE

SIGNATURE NOTARY CERTIFICATE STATE OF COUNTY OF _____ BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID STATE AND COUNTY, DULY COMMISSIONED AND QUALIFIED, PERSONALLY APPEARED _____, WITH WHOM I AM PERSONALLY ACQUAINTED AND WHO UPON HIS OATH ACKNOWLEDGED HIMSELF TO BE _______, OWNER OF THE PROPERTY, THE WITHIN NAMED BARGAINER, AND THAT HE EXECUTED THE FOREGOING INSTRUMENT FOR THE PURPOSE THEREIN CONTAINED. IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL AT MY OFFICE IN ______, WITNESS MY HAND AND NOTARIAL SEAL THIS _____ DAY OF ___ NOTARY PUBLIC _____ MY COMMISSION EXPIRES _____ MORTGAGEE CERTIFICATE ____, THE UNDERSIGNED MORTGAGEE OF THE PROPERTY SHOWN HEREON, HEREBY CONSENT AND AGREE TO THE PLAN OF DEVELOPMENT AS SUBMITTED BY _____ THE PROPERTY.

SIGNATURE	
NOTARY CERTIFICATE	

SIGNATURE

COUNTY OF _____

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID STATE AND COUNTY, DULY COMMISSIONED AND QUALIFIED, PERSONALLY APPEARED _____, WITH WHOM I AM PERSONALLY ACQUAINTED AND WHO, UPON OATH, ACKNOWLEDGED HIMSELF/HERSELF TO BE

DATE

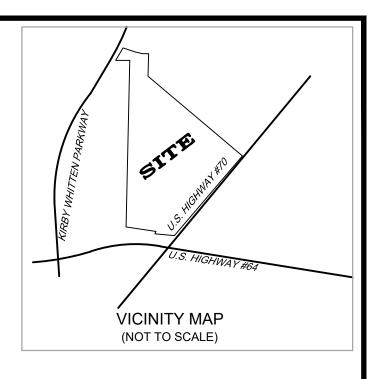
DATE

MORTGAGEE OF THE PROJECT NAMED HEREON, AND HE/SHE AS SUCH REPRESENTATIVE EXECUTED THE FOREGOING INSTRUMENT FOR THE PURPOSE THEREIN CONTAINED BY SIGNING HIS/HER NAME AS REPRESENTATIVE OF THE MORTGAGEE.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL AT MY OFFICE IN ______, 20____.

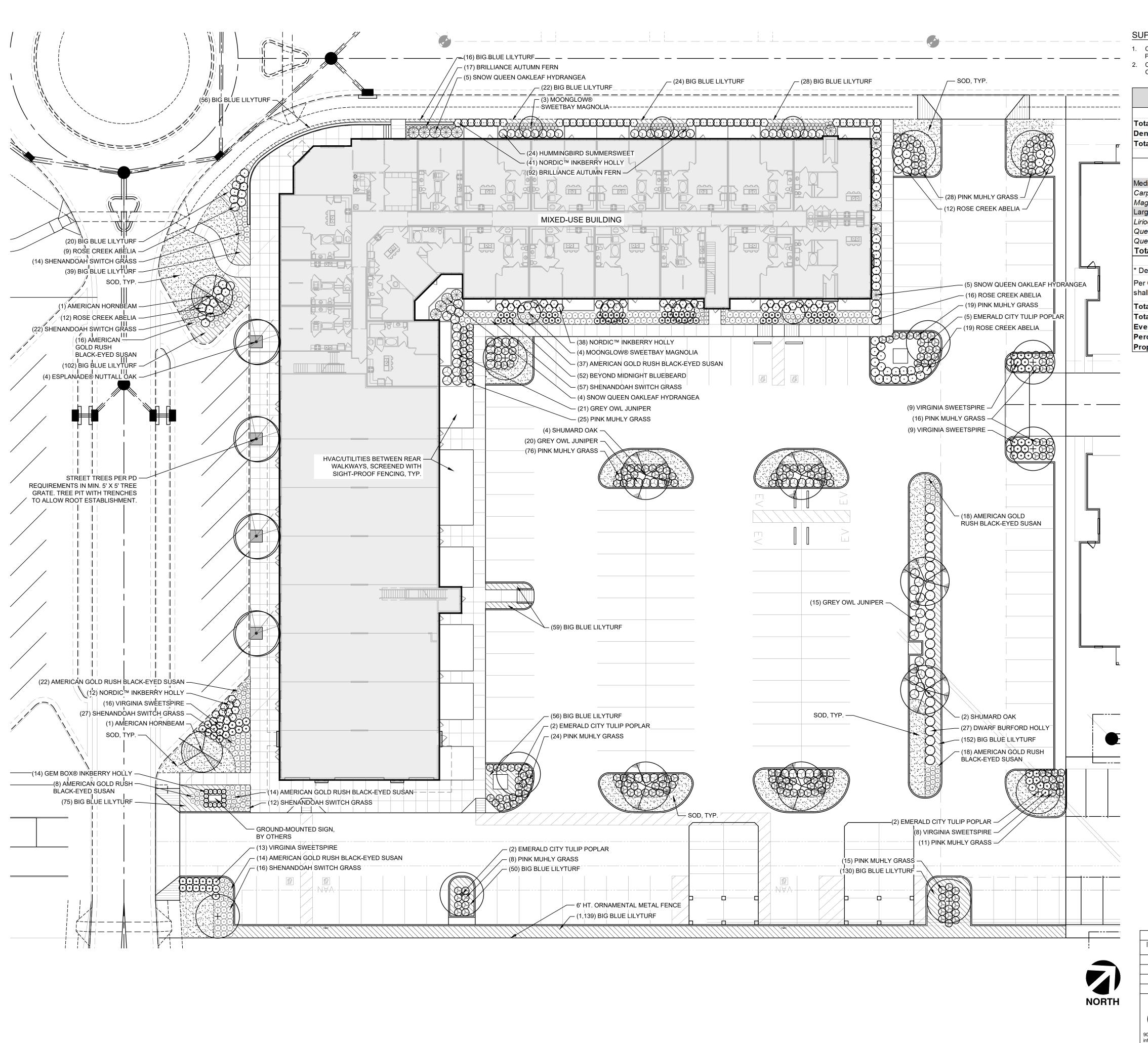
NOTARY PUBLIC ___

MY COMMISSION EXPIRES _____





PRELIMINARY PLAT - PHASE 3 UNION DEPOT PD CASE NUMBER: FORMER CASE NO: BARTLETT, TN NUMBER OF LOTS: 1 LOT ACREAGE: 2.792 AC. PARCEL ID: PART OF B0157 00802 ENGINEER: EFI GLOBAL DEVELOPER: BLUE SKY COMMUNITIES, INC. 177 CRESENT DR. COLLIERVILLE, TN MAP DATE: 02/06/2013 FEMA MAP PANEL: 47157C0304G 100-YEAR FLOOD ELEV: 269-273 **DECEMBER 30, 2024** SCALE: NTS SHEET 2 OF 2



SUPPLEMENTAL PLANTING NOTES (SEE SHEET L2.0 FOR GENERAL PLANTING NOTES)

- 1. CONTRACTOR TO VERIFY UTILITY LOCATIONS IN FIELD AND MAKE ADJUSTMENTS TO PLANT LOCATIONS TO
- PROVIDE 3' CLEAR ZONE AT ALL EMERGENCY EQUIPMENT CONNECTIONS.
- CONTRACTOR TO FIELD ADJUST PLANT MATERIAL TO LIMIT CONFLICTS WITH ALL DRAINAGE STRUCTURES AND OTHER UTILITIES. COORDINATE WITH LANDSCAPE ARCHITECT IF SIGNIFICANT RELOCATIONS ARE REQUIRED.

Tree	Requirem	ent Calculations	
Per City of Bart	tlett Tree ai	nd Landscaping Ordinan	ce
Total Site Area (Acres)	2.79		
Density Units Required Per Acre	20		
Total Density Units Required	55.8		
Proposed Tree	Quantity	Density Units (DUs) / Tree	Density Units (Dus) /
Medium Density			
Carpinus caroliniana	2	2.5	5
<i>Magnolia virginiana</i> 'Jim Wilson'* Large Density	7	2.5	17.5
Liriodendron tulipifera 'JFS-Oz'	11	2.5	27.5
Quercus nuttallii 'QNSTC'	4	2.5	10
Quercus shumardii	6	2.5	15
Total Density Units Provided			75
* Denotes Evergreen Tree			
Per City of Bartlett Tree and Landsca shall be evergreen.	aping Ordir	nance, a minimum of 209	% of all tree plantings
Total Number of Proposed Trees	30		
Total Number of Proposed Evergreen Trees	7		
Percentage Evergreen Trees	23%		



NOT FOR CONSTRUCTION

UNION DEPOT P.D. PHASE 3

DEVELOPER: UNION DEPOT, LLC

LANDSCAPE ARCHITECT: DT DESIGN STUDIO

CITY OF BARTLETT DIVISION OF ENGINEERING

LANDSCAPE PLAN

LOCATION: SUMMER AVENUE

BARTLETT, TENNESSEE

SURVEY _____ DATE ____ BOOK ____

DESIGN BY: __DT DESIGN STUDIO DATE _____ O1.02.25 SCALE _AS NOTED _____

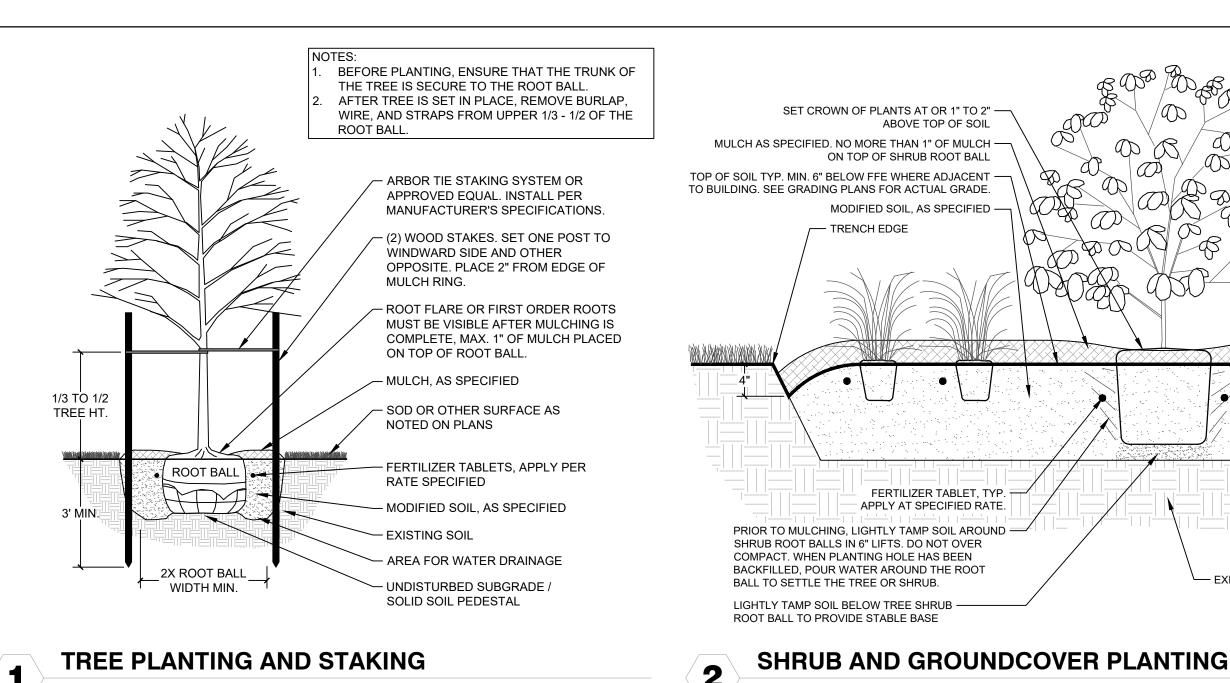
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER

SCALE 1" = 20'

SHEET 1 of 1

DATE



— ATRIUM GRATE USED AT ALL INLETS IN PLANT BEDS

■ MIN. 2% SLOPE

GRATE AND TOP OF SOIL.

00/

UNLESS OTHERWISE SPECIFIED. INLET SET AT HEIGHT

TO ALLOW SPECIFIED TYP. MULCH DEPTH BETWEEN

NOT TO SCALE

PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND

DO NOT OVER COMPACT. WHEN PLANTING HOLE

HAS BEEN BACKFILLED, POUR WATER AROUND

THE ROOT BALL TO SETTLE THE TREE OR SHRUB.

TREE AND SHRUB ROOT BALLS IN 6" LIFTS.

- LIGHTLY TAMP SOIL BELOW TREE OR SHRUB

ROOT BALL TO PROVIDE STABLE BASE

TOP OF SOIL TYPICALLY 6" BELOW FFE WHERE

TO TOP OF TREE OR SHRUB ROOT BALL.

- MULCH AS SPECIFIED. NO MORE THAN 1" OF MULCH

ADJACENT TO BUILDINGS.

- CROWN OF PLANTS AT SOIL

- MODIFIED SOIL AS SPECIFIED

TRANSITION TO TYPICAL MULCH

THICKNESS SPECIFIED

LEVEL OR 1" TO 2" ABOVE

SOD -FINISH GRADE SOIL AND ROOT LAYER -[△] HARDSCAPE 4" TOPSOIL ----6" TILLED SOIL -- HARDSCAPE BASE **EXISTING SOIL**

GENERAL CONTRACTOR TO PROVIDE GRADES TO WITHIN TWO TENTHS OF A FOOT FOR PROPOSED GRADES.

- . FINE GRADE AS REQUIRED TO REACH FINISH GRADE SHOWN IN GRADING PLANS. . APPLY LIME AND FERTILIZER AS SPECIFIED.
- . APPLY PRE-EMERGENT HERBICIDE PER MANUFACTURER'S RECOMMENDATION.
- . LAY SOD & ROLL LEVEL.
- WATER ENTIRE AREA THOROUGHLY.

. TILL SOIL TO A DEPTH OF 6".

. INSTALL SOD SO THAT THE TOP OF SOIL AND ROOT LAYER IS LEVEL WITH TOP OF PAVEMENT

SOD INSTALLATION

— EXISTING SOIL

TOP OF MULCH IS FINISH GRADE.

ALIGN TOP OF MULCH WITH TOP

OF ADJACENT SURFACE. WATER

SHOULD DRAIN FREELY TO

PLANTING AREA.

SURFACE BEING DRAINED

TO PLANTING AREA

TOP OF SOIL 1" - 2"

BELOW LOW EDGE OF

ADJACENT SURFACE

EXISTING SOIL

MULCH DEPTH SHALL TRANSITION TO TYPICAL DEPTH

SPECIFIED WITHIN 25% OF THE TOTAL DISTANCE FROM

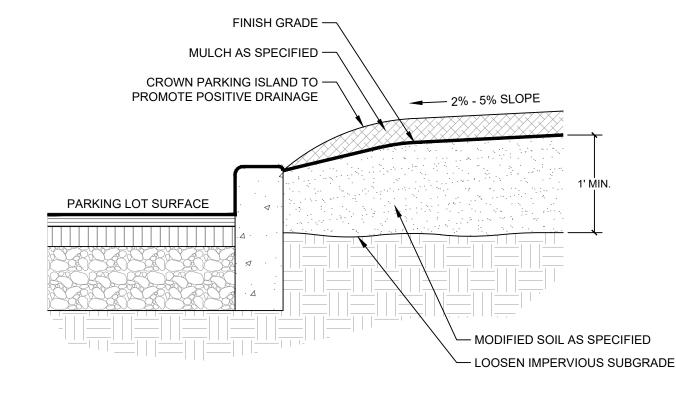
PLANTING AREA. FOR INSTANCE IF DISTANCE FROM

WALKWAY TO LOW POINT OF PLANTING BED IS 10',

2 1/2' FROM THE EDGE OF WALKWAY.

ADJACENT SURFACE BEING DRAINED TO LOW POINT OF

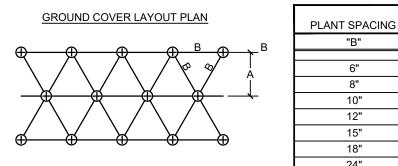
MULCH SHOULD REACH THE TYPICAL DEPTH SPECIFIED



THIS DETAIL APPLIES TO PLANTING ISLANDS DRAINING OUT TO PARKING LOTS. IT DOES NOT APPLY TO PLANTING ISLANDS WITH INTERNAL DRAINAGE SYSTEMS.

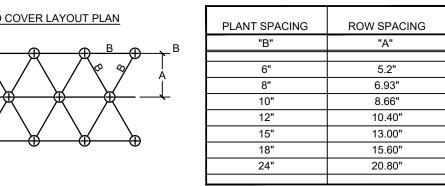
PARKING LOT ISLAND DETAIL

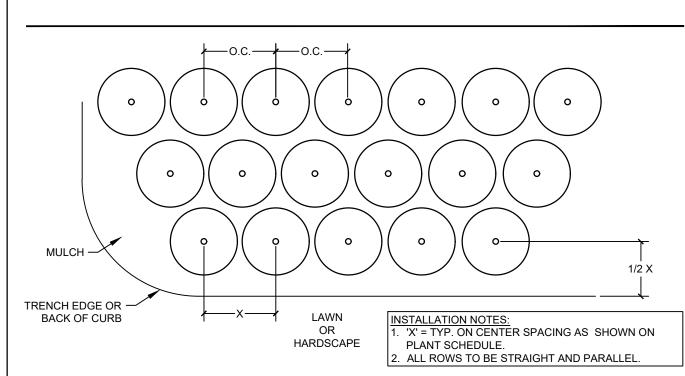
PLANTING BED WITH DRAINAGE STRUCTURE NOT TO SCALE



NOT TO SCALE

MIN. 2% SLOPE ——►





6	TYP PLANT MASS & GROUND COVER SPACING
U /	NOT TO SCALE

PLA	NT SCHEDULE						
QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONT.	UNIT	COMMENTS	
TREES	3						
2	Carpinus caroliniana	American Hornbeam	2.5" Cal.	B&B	IEA .	Well branched, full head	
11	Liriodendron tulipifera 'JFS-Oz' TM	Emerald City Tulip Poplar	2.5" Cal.	B&B	EA	Uniform branching, dominant leader	
7	Magnolia virginiana `Jim Wilson`	Moonglow® Sweetbay Magnolia	6`-8` HT	B&B	EA	3 canes min. @ 1" cal. each, No crossing leaders	
4	Quercus nuttallii 'QNSTC'	Esplanade® Nuttall Oak	2.5" Cal.	B&B	EA	Uniform branching, dominant leader	-
6	Quercus shumardii	Shumard Oak	2.5" Cal.	B&B	EA	Uniform branching, dominant leader	
QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONTAINER	UNIT	COMMENTS	
SHRUI	BS AND GRASSES						
68	Abelia x 'Rose Creek'	Rose Creek Abelia	24" Ht.	Pot	EA	Full plant, free of weeds	
52	Caryopteris x clandonensis 'CT-9-12' TM	Beyond Midnight Bluebeard	18" Ht.	Pot	EA	Full plant, free of weeds	
24	Clethra alnifolia 'Hummingbird'	Hummingbird Summersweet	24" Ht.	Pot	EA	Full plant, free of weeds	
14	Hydrangea quercifolia 'Flemygea'	Snow Queen Oakleaf Hydrangea	36" Ht.	Pot	EA	Full plant, free of weeds	
27	Ilex cornuta 'Burfordii Nana'	Dwarf Burford Holly	24" Ht.	Pot	EA	Full plant, free of weeds	
91	llex glabra 'Chamzin'	Nordic™ Inkberry Holly	24" Ht.	Pot	EA	Full plant, free of weeds	
14	llex glabra 'SMNIGAB17'	Gem Box® Inkberry Holly	12" Ht.	Pot	EA	Full plant, free of weeds	
55	Itea virginica `Little Henry` TM	Virginia Sweetspire	18" Ht.	Pot	EA	Full plant, free of weeds	
56	Juniperus x 'Grey Owl'	Grey Owl Juniper	24" Ht.	Pot	EA	Full plant, free of weeds	
222	Muhlenbergia capillaris	Pink Muhly Grass	1 gal.	Pot	EA	Full plant, free of weeds	
148	Panicum virgatum 'Shenandoah'	Shenandoah Switch Grass	1 gal.	Pot	EA	Full plant, free of weeds	
PEREI	NNIALS						
109	Dryopteris erythrosora 'Brilliance'	Brilliance Autumn Fern	1 gal.	Pot	EA	Full plant, free of weeds	
147	Rudbeckia x 'American Gold Rush'	American Gold Rush Black-Eyed Susan	1 gal.	Pot	EA	Full plant, free of weeds	
QTY	BOTANICAL NAME	COMMON NAME	SIZE	UNIT	COMMENTS		SPACING
GROU	ND COVERS						
1,968	Liriope muscari 'Big Blue'	Big Blue Lilyturf	1 gal.	Pot	Fill Area		15" o.c.
SOD/S	SEED						
3,961 sf		Tif 419 Bermudagrass		Fill Area	Fill area, square footage for reference only		
	<u> </u>	<u> </u>				!	

GENERAL PLANTING NOTES

- 1. CONTRACTOR TO CAREFULLY EXAMINE THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS BEFORE SUBMITTING BID PROPOSAL OR COMMENCING WORK
- CONTRACTOR'S BASE BID TO INCLUDE ALL MATERIALS, BED PREP, LABOR, PERMITS, EQUIPMENT, TOOLS, INSURANCE, ETC. TO PERFORM THE WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS.
- 3. PLANT QUANTITIES SHOWN ARE FOR CONTRACTOR CONVENIENCE. CONTRACTOR SHALL VERIFY BEFORE SUBMITTING BID PROPOSAL THAT QUANTITIES SHOWN WILL ADEQUATELY FULFILL THE DESIGN INTENT AND SHALL VERIFY PRIOR TO PLACEMENT THAT QUANTITIES ARE ADEQUATE. CONTRACTOR SHALL NOTIFY OWNER OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
- 4. DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS CAUSED BY THE CONTRACTOR ARE THE FULL RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S COST, SUBJECT TO OWNER'S APPROVAL. CONTRACTOR TO LOCATE UNDERGROUND UTILITIES WITH FLAGS/MARKINGS PRIOR TO EXCAVATING.
- 5. REQUIREMENTS FOR DEFINITIONS, GRADING TOLERANCES, BALLING AND BURLAPPING, CONTAINER GROWN PLANTS. ETC. SHALL BE IN ACCORDANCE WITH THE "USA STANDARD FOR NURSERY STOCK." ANSI Z60.1. LATEST EDITION, AND ANSI Z133.1. LATEST EDITION, ADOPTED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. PLANTS SHALL BE MEASURED BEFORE PRUNING WITH BRANCHES IN NORMAL POSITION, AND ANY NECESSARY PRUNING SHALL BE DONE AT TIME OF PLANTING. WHERE PLANT SIZES ARE GIVEN IN A RANGE, THE PLANTS PROVIDED SHALL AVERAGE THE MEDIAN OF THE
- 6. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL PLANTS SHALL BE OF SPECIMEN QUALITY, EXCEPTIONALLY HEAVY, SYMMETRICAL, THICKLY BRANCHED, SO TRAINED OR TREATED IN THEIR DEVELOPMENT AND APPEARANCE AS TO BE UNQUESTIONABLY OF FIRST QUALITY IN FORM, BRANCH, STRUCTURE, BUDS, FRUIT, COMPACTNESS, AND SYMMETRY. ANY TREE HAVING A WEAK, THIN TRUNK, NOT CAPABLE OF SUPPORTING ITSELF WHEN PLANTED IN THE OPEN, WILL NOT BE ACCEPTED. INFERIOR PLANT MATERIAL TO BE REJECTED.
- 7. ALL PLANTS SHALL COMPLY WITH FEDERAL AND STATE LAWS AND REGULATIONS REQUIRING INSPECTION FOR PLANT DISEASES, PEST, AND WEEDS. CERTIFICATES OF INSPECTION SHALL ACCOMPANY THE INVOICE FOR EACH SHIPMENT OF PLANTS AS REQUIRED BY LAW.
- 8. ALL PLANTS SHALL BE TRUE TO NAME AS ORDERED OR SHOWN ON THE PLANTING PLANS AND SHALL BE LABELED INDIVIDUALLY OR IN GROUPS BY SPECIES AND CULTIVAR. SUBSTITUTIONS WILL ONLY BE PERMITTED UPON SUBMISSION OF PROOF THAT A PARTICULAR VARIETY OF PLANT IS NOT OBTAINABLE AND UPON AUTHORIZATION BY THE OWNER OR OWNER'S REPRESENTATIVE. SUBSTITUTIONS SHALL BE OF THE NEAREST EQUIVALENT OBTAINABLE SIZE, AND OF SIMILAR CHARACTERISTICS, WITH AN EQUITABLE ADJUSTMENT OF CONTRACT SUM.
- 9. ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR 12 MONTHS. THE GUARANTEE PERIOD SHALL BEGIN AT THE TIME OF WRITTEN APPROVAL OF ACCEPTANCE BY THE OWNER OF (A) THE LANDSCAPE AND (B) THE RESPONSIBILITY OF MAINTAINING THE LANDSCAPE. IF PLANTS ARE FOUND TO BE DEAD, DYING, OR OF POOR APPEARANCE AT ANY TIME DURING THIS PERIOD, THEY SHALL BE REPLACED AT NO ADDITIONAL COST.
- 10. ALL PLANTS THAT HAVE BEEN FOUND TO BE DEAD, DYING, OR OF POOR APPEARANCE SHALL BE IMMEDIATELY REMOVED AND THE OWNER NOTIFIED. REPLACEMENT OF TREES AND LARGE SHRUBS SHALL BE MADE AT THE BEGINNING OF THE NEXT PLANTING SEASON. REPLACEMENT OF SMALL SHRUBS AND GROUND COVERS SHALL BE MADE WITHIN 30 DAYS FOLLOWING THE INSPECTION OF THAT DETERMINED THE REQUIRED REPLACEMENT. THE OWNER SHALL BE NOTIFIED PRIOR TO ALL REPLACEMENT WORK.
- 11. ANY PLANT THAT DIES, HAS AN UNHEALTHY CONDITION, OR POOR APPEARANCE PRIOR TO OWNER ACCEPTANCE SHALL BE REPLACED. THIS REPLACEMENT SHALL NOT BE CONSIDERED AS A GUARANTEE REPLACEMENT. ALL REPLACEMENTS SHALL BE MADE WITH PLANTS OF THE SAME KIND, AND IN THE SAME MANNER AS SPECIFIED FOR THE ORIGINAL PLANTING, AT NO ADDITIONAL COST TO THE OWNER.
- 12. ALL TREES ARE TO BE STAKED, UNLESS SPECIFICALLY DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE, BRACING SHALL UTILIZE A STANDARD FLAT, WOVEN POLYPROPYLENE: 900-LB, BREAK STRENGTH SUCH AS "ARBOR TIE," OR APPROVED EQUAL. STAKE OR GUY NEW OR TRANSPLANTED TREE WITH THREE STAKES, 2" X 8' HARDWOOD. ALL STAKING MATERIAL SHALL BE REMOVED BY THE CONTRACTOR AT THE END OF THE WARRANTY PERIOD.
- 13. CONTRACTOR TO PROVIDE INTERIM MAINTENANCE (WATERING, PRUNING, FERTILIZING, GUYING, MOWING, TRIMMING, ADEQUATE DRAINAGE OF PONDING AREAS, EDGING, WEEDING, MULCHING, APPLICATION OF INSECTICIDES/HERBICIDES, AND GENERAL LANDSCAPE CLEANUP) UNTIL WRITTEN NOTICE OF ACCEPTANCE BY OWNER. CONTRACTOR SHALL PERFORM WORK IN COMPLIANCE WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK AND PROVIDE FOR PERMITS REQUIRED BY LOCAL AUTHORITIES.
- 14. SIDEWALKS, ROADS, AND OTHER PAVEMENT ADJACENT TO PLANTING OPERATION SHALL BE KEPT CLEAN AND FREE OF OBSTRUCTIONS.
- 15. INSOFAR AS PRACTICABLE, PLANT MATERIAL SHALL BE PLANTED THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE PLANTING CONTRACTOR SHALL PROTECT THE STOCK NOT PLANTED. PLANTS SHALL BE PROTECTED AT ALL TIMES FROM SUN OR DRYING WINDS. PLANTS THAT CANNOT BE PLANTED IMMEDIATELY ON DELIVERY SHALL BE KEPT IN THE SHADE, WITH THE ROOT MASS WELL PROTECTED AND KEPT WELL-WATERED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN THREE DAYS AFTER DELIVERY TO THE SITE.
- 16. UPON INSPECTION OF ALL TREES, THE FOLLOWING CHARACTERISTICS SHALL BE FOUND. CROWN FORM: THE FORM OR SHAPE OF THE CROWN IS TYPICAL FOR A YOUNG SPECIMEN OF
- THE SPECIES/CULTIVAR. THE CROWN IS NOT SIGNIFICANTLY DAMAGED BY WIND, PRUNING PRACTICES, PESTS OR OTHER FACTORS.

LEAVES: THE SIZE, COLOR AND APPEARANCE OF LEAVES ARE TYPICAL FOR THE TIME OF YEAR AND

- STAGE OF GROWTH OF THE SPECIES/CULTIVAR, LEAVES ARE NOT STUNTED, MISSHAPEN, TATTERED, DISCOLORED (CHLOROTIC OR NECROTIC) OR OTHERWISE ATYPICAL. BRANCHES: SHOOT GROWTH (LENGTH AND DIAMETER) THROUGHOUT THE CROWN IS TYPICAL
- FOR THE AGE/SIZE OF THE SPECIES/CULTIVAR. TREES DO NOT HAVE DEAD, DISEASED, BROKEN, DISTORTED OR OTHER SERIOUS BRANCH INJURIES.
- TRUNK: THE TREE TRUNK SHOULD BE STRAIGHT, VERTICAL AND FREE OF WOUNDS (EXCEPT PROPERLY MADE PRUNING CUTS), SUNBURNED AREAS, CONKS (FUNGAL FRUITING BODIES), WOOD CRACKS, BLEEDING AREAS, SIGNS OF BORING INSECTS, GALLS, CANKERS/LESIONS AND
- ROOTS: THE ROOT SYSTEM IS FREE OF INJURY FROM BIOTIC (INSECTS, PATHOGENS, ETC.) AND ABIOTIC AGENTS (HERBICIDE TOXICITY, SALT INJURY, EXCESS IRRIGATION, ETC.) ROOT DISTRIBUTION IS UNIFORM THROUGHOUT THE SOIL MIX OR GROWTH MEDIA AND GROWTH IS TYPICAL FOR THE SPECIES/CULTIVAR. THE TRUNK, ROOT COLLAR (ROOT CROWN), AND LARGE ROOTS SHALL BE FREE OF CIRCLING AND/OR KINKED ROOTS. SOIL REMOVAL NEAR THE ROOT COLLAR MAY BE NECESSARY TO INSPECT FOR CIRCLING AND/OR KINKED ROOTS. THE TREE SHALL BE WELL-ROOTED IN THE SOIL MIX. WHEN THE CONTAINER IS REMOVED. THE ROOT BALL SHALL REMAIN INTACT. WHEN THE TRUNK IS CAREFULLY LIFTED, BOTH THE TRUNK AND ROOT SYSTEM SHALL MOVE AS ONE. THE UPPER-MOST ROOTS OR ROOT COLLAR SHALL BE WITHIN 1" (ONE INCH) ABOVE OR BELOW THE SOIL SURFACE.
- CENTRAL LEADER: TREES SHALL HAVE A SINGLE, RELATIVELY STRAIGHT CENTRAL LEADER AND TAPERED TRUNK, FREE OF CODOMINANT STEMS AND VIGOROUS, UPRIGHT BRANCHES THAT COMPETE WITH THE CENTRAL LEADER.

THE OWNER OR OWNER'S REPRESENTATIVE WITHOUT ANY ADDITIONAL COST TO THE OWNER.

MAIN BRANCHES (SCAFFOLDS): BRANCHES SHOULD BE DISTRIBUTED RADIALLY AROUND AND VERTICALLY ALONG THE TRUNK, FORMING A GENERALLY SYMMETRICAL CROWN TYPICAL FOR THE

- 17. TREES SHALL BE INSTALLED 3" ABOVE FINISH GRADE IN HARDPAN AREAS UNLESS OTHERWISE DIRECTED TO PROVIDE DRAINAGE.
- THE CONTRACTOR SHALL CONDUCT PERCOLATION TESTS IN ALL PLANT BEDS TO DETERMINE THE PRESENCE OF UNFAVORABLE DRAINAGE CONDITIONS. THE RESULTS AND LOCATION OF THE TESTS SHALL BE SUBMITTED IN WRITTEN FORM TO THE OWNER OR OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DRAINAGE FOR ALL PLANTS. UNDER NO CIRCUMSTANCES SHALL PLANTING COMMENCE UNTIL INADEQUATE DRAINAGE CONDITIONS HAVE
- 19. PRE-EMERGENT HERBICIDE TO BE APPLIED TO ALL PLANTING BEDS AND TREE RINGS FOR WEED CONTROL PRIOR TO PLANTING. PRE-EMERGENT HERBICIDE SHALL BE "EPTAM," GRANULAR FORM, AS
- APPROVED EQUAL. 20. ANY SERIES OF TREES, SHRUBS, GROUNDCOVERS, AND SEASONAL COLOR TO BE PLACED IN A PARTICULAR ARRANGEMENT SHALL BE EVENLY SPACED IN STRAIGHT ROWS.
- 21. LOCATIONS FOR PLANTS AND OUTLINES OF AREAS TO BE PLANTED SHALL BE STAKED ON THE GROUND OR CONTAINER-GROWN PLANTS ARE TO BE STAGED IN PROPOSED PLANTING LOCATIONS BEFORE ANY EXCAVATION IS MADE, FOR OWNER OR OWNER'S REPRESENTATIVE'S APPROVAL.

MANUFACTURED BY THE "STOUFFER CHEMICAL COMPANY," RONSTAR "G," TREFLAN GRANULAR, OR

- 22. CONTRACTOR IS RESPONSIBLE FOR ADJUSTMENT OF LAYOUT IN ORDER TO AVOID UTILITIES AND SHALL NOTIFY OWNER OR OWNER'S REPRESENTATIVE OF CONTEMPLATED ADJUSTMENTS TO THE LAYOUT AND RECEIVE APPROVAL BEFORE COMMENCING.
- 23. THE SUBSURFACE SOIL SHALL BE TILLED TO A DEPTH OF 12" PRIOR TO MODIFICATION OF SOILS IN PLANT BEDS.

24. MODIFIED SOIL

- TOPSOIL SHALL BE UTILIZED TO BACKFILL ALL PLANTING AREAS TO FINAL GRADE. THE TOPSOIL SHALL BE THOROUGHLY MIXED WITH THE SUBSURFACE SOIL TO A MINIMUM DEPTH OF 8-10" BELOW FINISHED GRADE. THE PREPARED PLANT BED SHALL HAVE SOIL THOROUGHLY MIXED WITH PEAT MOSS TO PRODUCE A UNIFORM SOIL COMPOSED OF 25% PEAT BY VOLUME, FREE OF
- TOPSOIL SHALL BE CLASSIFIABLE AS A LOAM, SILT LOAM, SILTY CLAY LOAM, OR CLAY LOAM, AS DETERMINED FROM THE U. S. DEPARTMENT OF AGRICULTURE TRIANGULAR SOIL CHART. THE TOPSOIL SHALL HAVE A PH RANGE OF 5.0 TO 7.0 WHEN TESTED IN ACCORDANCE WITH THE CURRENT METHODS OF TESTING OF THE ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS AND SHALL BE FREE OF EXCESSIVE SOLUBLE SALTS AT THE TIME OF USE. IT SHALL CONTAIN A NORMAL AMOUNT (5-8%) OF DECOMPOSED ORGANIC MATTER, AS DETERMINED BY THE WET-COMBUSTION METHOD (CHROMIC ACID REDUCTION) TEST. THE TOPSOIL SHALL BE FREE FROM SUBSOIL, STUMPS, ROOTS, CLODS, CLAY, HARDPAN, MULCH, MARL, SHELL, STONES, SEEDS, STICKS, BRUSH, WEEDS, BUILDING MATERIALS, OR OTHER DEBRIS INCLUSIVE OF REFUSE, OR ANY MATERIAL TOXIC TO PLANT GROWTH. CONTRACTOR TO SUBMIT TOPSOIL COMPOSITION TO LANDSCAPE ARCHITECT FOR APPROVAL.
- AFTER PLANTING AREAS ARE MODIFIED AS DESCRIBED HEREIN, SOIL TESTS, UTILIZING THE DEPARTMENT OF AGRICULTURE EXTENSION SERVICE, SHALL BE MADE IN ALL PLANT BEDS TO DETERMINE ANY ADDITIONAL CORRECTIVE MEASURES REQUIRED FOR THE MAXIMUM CULTURE OF the plant material to be utilized. Tests shall be performed in individual plant beds and SHALL RE OF SUFFICIENT NUMBER TO CLEARLY IDENTIFY VARIATIONS IN SOIL CONDITIONS additional corrective measures recommended by the soil test shall be made until the SOIL COMPOSITION RECOMMENDED BY THE TESTING AGENCY IS REACHED. THE OWNER OR OWNER'S REPRESENTATIVE SHALL RECEIVE COPIES OF THE FINAL SOIL TEST REPORT AND RESERVES THE RIGHT TO REQUEST ADDITIONAL TESTING AS MAY BE REQUIRED.
- 25. PITS FOR TREES AND LARGE SHRUBS SHALL BE CIRCULAR IN OUTLINE AND SHALL HAVE VERTICAL SIDES AND FLAT BOTTOMS. THE MINIMUM DEPTH AND DIAMETER OF PLANT PITS SHALL BE AS FOLLOWS: DIAMETER - TWICE THE WIDTH OF THE ROOT BALL DIAMETER OR THE SPREAD OF ROOTS; DEPTH -MATCH DEPTH OF ROOT BALL. DEPTH OF PLANT PIT SHOULD ALLOW TOP OF ROOT BALL OR TOP OF ROOT MASS TO ALIGN AT OR SLIGHTLY ABOVE FINISH GRADE. THE PLANT SHALL REST ON EXISTING SOIL OR MODIFIED SOIL THAT HAS BEEN LIGHTLY TAMPED TO PROVIDE A STABLE BASE TO SUPPORT
- 26. ALL PLANTS SHALL BE CENTERED IN PITS, OR POSITIONED IN BEDS, ON PREPARED SOIL TO SUCH DEPTHS THAT THE FINISH GRADE LEVEL OF THE PLANT AFTER SETTLEMENT SHALL BE THE SAME AS THAT AT WHICH THE PLANT WAS GROWN, THEY SHALL BE PLANTED UPRIGHT AND FACED TO GIVE THE BEST APPEARANCE AND RELATIONSHIP TO ADJACENT SURROUNDINGS, PLATFORMS, WIRE, BURLAP, AND SURPLUS BINDINGS SHALL BE REMOVED FROM TOP OF BALLS. NO BURLAP OR WIRE SHALL BE REMOVED FROM SIDE OR BOTTOM OF BALLS. TURN UNDER AND BURY TOP 1/3 OF THE BURLAP WRAPPING AND WIRE, ALL BROKEN AND FRAYED ROOTS SHALL BE CUT OFF CLEANLY AND TREATED AS NECESSARY WITH APPROVED TREE PAINT. SCARIFY AND GENTLY LOOSEN ROOT MASS OF CONTAINER PLANTS BEFORE INSTALLING. WHEN THE HOLE OR BED IS FILLED TO 1/2 DEPTH, ADD WATER AS NECESSARY TO SETTLE BACKFILL AND ALLOW IT TO SOAK AWAY. PLACE THE RECOMMENDED NUMBER OF FERTILIZER TABLETS, AS SPECIFIED, AND COMPLETE THE BACKFILLING, COMPACT, AND WATER. ALLOWING ROOM TO INSTALL MULCH TO SPECIFIED THICKNESS. PLANTS THAT ARE EITHER IN BEDS, OR SURROUNDED BY PAVEMENT OR CURBING WILL NOT REQUIRE PLANTING SAUCERS. ALL OTHER PLANTS SHALL HAVE A SHALLOW SAUCER, 2" IN HEIGHT, BY PLACING A RIDGE OF TOPSOIL AROUND THE PIT EDGE. ALL PLANTS IN CONTAINERS SHALL HAVE THE CONTAINERS REMOVED PRIOR TO PLANTING.
- FERTILIZER SHALL BE COMMERCIAL FERTILIZER PLANT FOOD TABLETS, 'AGRIFORM' AS MANUFACTURED BY THE SIERRA CHEMICAL COMPANY, OR APPROVED EQUAL. THE PLANTING TABLETS SHALL BE INCORPORATED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND AT THE **FOLLOWING RATES:**

28. FERTILIZER TABLET APPLICATION RATES

- SHRUBS 3, 5-GRAM TABLETS FOR EACH ONE FOOT OF HEIGHT OR SPREAD
- TREES 1, 21-GRAM TABLET FOR EACH 1/2 INCH OF CALIPER
- GROUNDCOVERS 2, 5-GRAM TABLETS
- PERENNIAL AND ANNUALS 1, 5-GRAM TABLET FOR EACH PLANT THE TABLETS SHALL BE PLACED EVENLY AROUND THEIR PERIMETER OF THE ROOT BALL, 2 INCHES
- 29. INSTALL A 48" MINIMUM DIAMETER CIRCULAR MULCH BED AROUND CANOPY TREES AND A 36"
- MINIMUM DIAMETER CIRCULAR MULCH BED AROUND UNDERSTORY AND EVERGREEN TREES IN LAWN AREAS UNLESS OTHERWISE SPECIFIED. . ALL PLANTS SHALL BE MULCHED WITHIN TWO DAYS AFTER PLANTING BY COVERING ENTIRE PLANTING
- AREA WITH A 3" LAYER OF 100% ORGANIC DECOMPOSED SHREDDED HARDWOOD BARK UNLESS OTHERWISE NOTED. BARK SHALL BE FREE OF WEEDS, DISEASES, SEED SPURS, INSECTS AND OTHER FOREIGN MATTER. MULCH SHALL BE THOROUGHLY SOAKED WITH WATER TO PREVENT DISPLACEMENT EXCESS EXCAVATED SOIL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE UNLESS DIRECTED
- OTHERWISE. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND OTHER ARTICLES USED DURING CONSTRUCTION AND LEAVE THE SITE IN A CLEAN AND NEAT CONDITION, INCLUDING WALKS, PLANTER WALLS AND BUILDING FACADES.

SEEDING AND SODDING NOTES

- FOR ALL TURF LAWN AREAS, TOPSOIL SHALL BE USED TO REACH FINISH GRADE. CULTIVATE EXISTING SOIL TO A DEPTH OF 6" BELOW TOPSOIL LAYER. HAND RAKE TO PROVIDE EVEN CONTOURS. GENERAL CONTRACTOR TO PROVIDE GRADES WITHIN TO TWO-TENTHS (.20+) OF A FOOT OF PROPOSED FINISH GRADES.
- NOTIFY THE OWNER AT LEAST 48 HOURS IN ADVANCE OF THE TIME CONTRACTOR INTENDS TO BEGIN SODDING AND SHALL NOT PROCEED WITH SUCH WORK UNTIL PERMISSION TO DO SO HAS BEEN GRANTED BY THE OWNER. BEFORE STARTING THE GRASSING OPERATION ON ANY AREA, FINAL DRESSING SHALL HAVE BEEN
- INSOFAR AS IS PRACTICABLE, SOD SHALL BE LAID THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, THE PLANTING CONTRACTOR SHALL PROTECT THE SOD NOT LAID BY PLACING IT IN A SHADED AREA. SOD THAT CANNOT BE LAID IMMEDIATELY ON DELIVERY SHALL BE KEPT WELL-WATERED AND SHALL NOT REMAIN UNPLANTED FOR LONGER THAN 48 HOURS AFTER DELIVERY TO THE SITE. ANY SOD LEFT UNINSTALLED FOR A LONGER PERIOD IS SUBJECT TO REJECTION BY THE OWNER.
- PRIOR TO PLACING SOD, FERTILIZER AND LIMES SHALL BE APPLIED UNIFORMLY TO PREPARED SURFACE. AFTER PLACING THE SOD, IT SHALL BE THOROUGHLY WETTED AND ROLLED WITH APPROVED ROLLER/HAND TAMP. THREE WEEKS AFTER INSTALLATION, AMMONIUM NITRATE SHALL BE APPLIED TO NEWLY SODDED AREA AND THEN
- ALL AREAS TO BE SEEDED WITH GRASS SEED TO RECEIVE A MINIMUM OF 4" OF TOPSOIL. FINISH GRADE TOLERANCE OF 1". CONTRACTOR TO VERIFY THAT FINISH GRADE IS FREE OF STONES OR CLODS LARGER THAN 1-1/2" DIAMETER AND FREE OF TRASH. NOTIFY GENERAL CONTRACTOR IF THESE CONDITIONS ARE NOT PRESENT. SEED MIX SHALL BE COMMON BERMUDA AND SHALL BE SOWN BETWEEN MAY 1 AND JULY 31. SOW AT A RATE OF 50 LBS. P.L.S. (PURE LIVE SEED) PER ACRE. ALL SEED
- IF SEEDED AREAS DO NOT SHOW A UNIFORM OR HEALTHY STAND OF GRASS, WITH A 90 PERCENT OR GREATER COVERAGE AFTER 28 CALENDAR DAYS, RESEED AND/OR
- RE-FERTILIZE THOSE AREAS AS DIRECTED BY THE OWNER WITHOUT ANY ADDITIONAL COST TO THE OWNER IN ADDITION TO ANY REQUIREMENTS DESCRIBED ABOVE, AT TIME OF FINAL ACCEPTANCE, SEEDED AND SODDED AREAS SHALL SHOW A UNIFORM OR HEALTHY STAND OF GRASS, WITH A MINIMUM OF 90 PERCENT COVERAGE. AREAS NOT MEETING THIS REQUIREMENT SHALL BE RE-SEEDED OR RE-SODDED AND RE-FERTILIZED AS DIRECTED BY

MIXTURES SHALL BE APPLIED BY HYDRO-SEEDING UNLESS OTHERWISE SPECIFIED. ALL DISTURBED AREAS NOT OTHERWISE LANDSCAPED, PAVED OR SODDED SHALL BE



UNION DEPOT P.D. PHASE 3

DEVELOPER: UNION DEPOT, LLC LANDSCAPE ARCHITECT: DT DESIGN STUDIO

LOCATION: SUMMER AVENUE BARTLETT, TENNESSEE DATE DESIGN BY: <u>DT DESIGN STUDIO</u> DATE <u>01.02.25</u> SCALE <u>AS NOTED</u> REVIEWED

SHEET 1 of 1 CITY OF BARTLETT DIVISION OF ENGINEERING

LANDSCAPE NOTE AND DETAILS

DEPUTY CITY ENGINEER DATE CITY ENGINEER

NOT FOR CONSTRUCTION

DATE



PC Final Plan Application

Date: 01/06/2025

Pro	iect	Info	rmation

Property Address: 6900 Highway 70

Project Name:

Description: Mixed Use (Retail/Multi-Family)

Applicant / Owner

Applicant Name: Roy Lamica

EFI Global Company Name:

Address: 7975 Stage Hills Blvd, Suite 1

City, State, Zip: Bartlett, TN 38133 Phone: 9013551347

Email:

roy.lamica@efiglobal.com

Owner Name:

Company Name:

Present Zoning:

of Lots:

Address: City, State, Zip:

Phone:

Email:

Blue Sky Communities, Inc.

177 Crescent Drive Collierville, TN 38017

Planned Development

9018540525

Architect / Engineer

Architect Contact: Reid Cullers

Company Name: Shapiro & Company

Architects

Address: 435 Madison Avenue, Suite

200

City, State, Zip: Memphis, TN 38103

Phone: 9016859001

Email: rcullers@shapiroandco.com **Architect Contact:** Roy Lamica EFI Global Company Name:

Address: 7975 Stage Hills Blvd, Suite 1

City, State, Zip: Bartlett, TN 38133

Phone: 9013551347

Email: roy.lamica@efiglobal.com

I do hereby certify that the	information contained	herein is tru	e and correct.

Roy Lamica	01/06/2025
Name	Date

Bartlett Planning and Economic Development Department 6382 Stage Road, P.O. Box 341148 Bartlett, TN 38184-1148 901-385-6417 FAX 901-385-6419 www.cityofbartlett.org

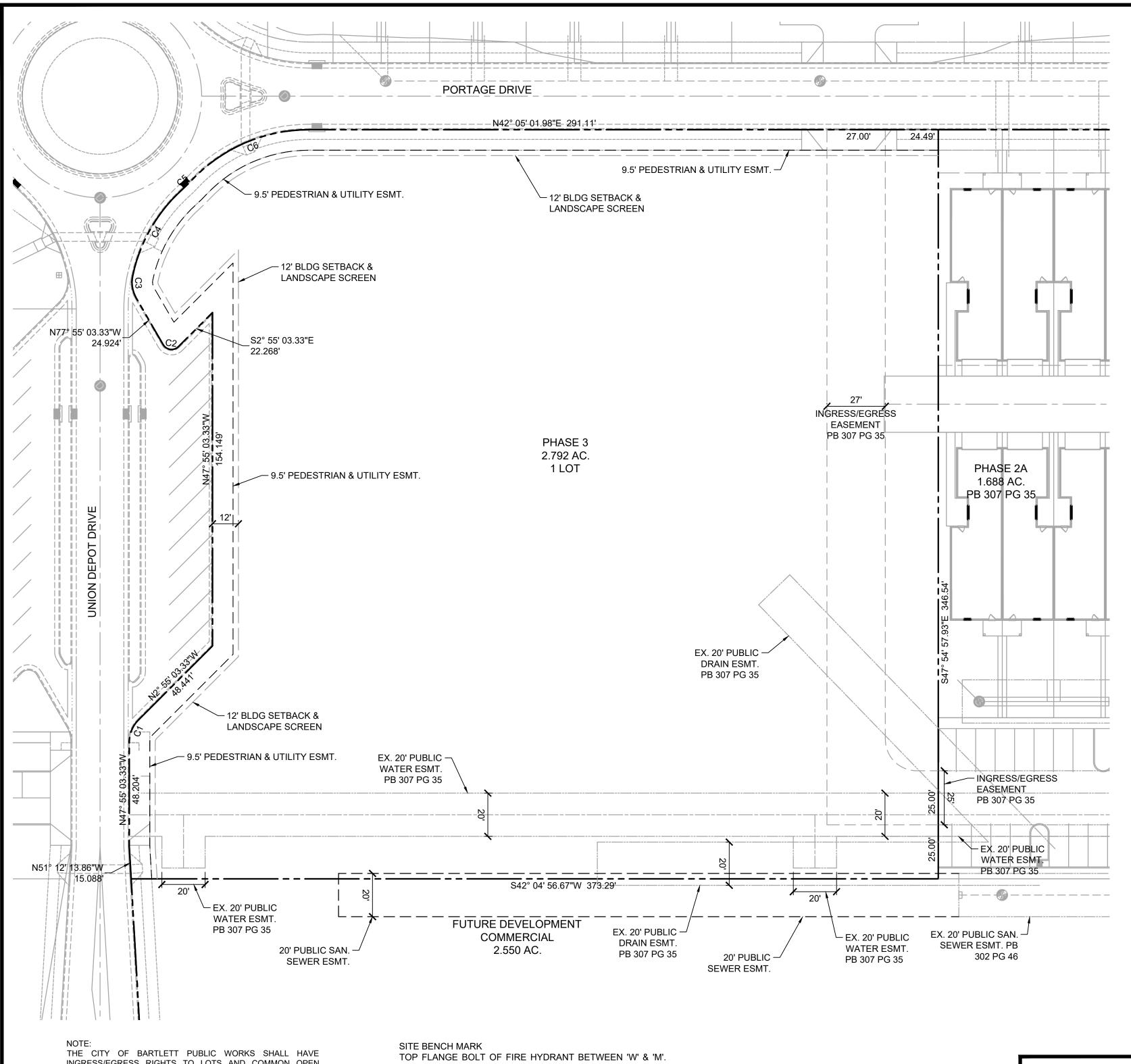
Final Subdivision Plan/Plat Checklist

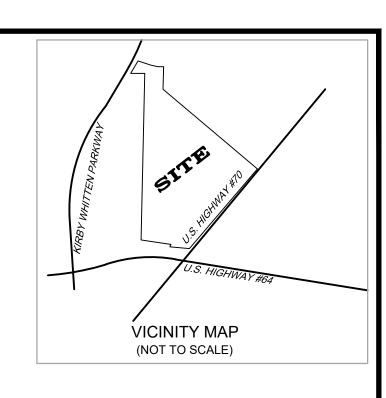
The applicant shall either indicate that the following items have been completed by a check $(\sqrt{})$ or that they are not applicable (n/a). Drawn in ink on 20" x 24" mylar, at a Landscaped buffer strips Χ scale of 1'' = 100'. Street names Χ Χ Bearing and length of every street line, Restrictive covenants lot line, boundary line, block line and The following, with dimensions to nearest one hundredth (1/100th) of a foot and angles or true or building line whether curved or straight. grid bearings to the nearest twenty seconds of arc Subdivision name and location (20"): Χ Lot lines Location sketch map Χ Street & road lines Χ Date Χ Alley lines Χ "Grid" or "true" north point The following completed certificates where Χ Name of adjoining landowers, applicable: developments Owner Χ Χ Written boundary survey Surveyor or Engineer Χ Χ Storm drainage Location and description of a clearly Χ identified and verifiable point of Board of Mayor and Aldermen Χ Planning Commission beginning for the survey Χ Buildings setback lines Mortgagee Χ Reservations for all easements In addition to the Final Plan drawing, the Χ following shall be provided: Areas dedicated for public use One PDF file of the pictorial portion of the Χ Final Plan, for display at the Planning Areas of non-residential use Χ Commission meeting. Areas of flood hazard Χ

Include a fee of \$500.00 plus \$20.00 per lot with this application (check payable to the City of Bartlett). **The fee is not refundable.**

Lots numbered in numerical order

INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED





CURVE TABLE						
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH		
C1	14.50'	11.39'	S25° 25' 03"E	11.10'		
C2	4.50'	8.25'	N49° 34' 57"E	7.14'		
С3	14.50'	10.58'	S57° 00' 42"E	10.35'		
C4	74.50'	47.30'	S17° 55' 01"E	46.51'		
C5	57.50'	5.22'	N2° 19' 45"W	5.22'		
C6	74.50'	61.13'	S18° 34′ 37″W	59.43'		



NOTE:
THE CITY OF BARTLETT PUBLIC WORKS SHALL HAVE INGRESS/EGRESS RIGHTS TO LOTS AND COMMON OPEN SPACES FOR WATER & SEWER UTILITY MAINTENANCE. THE CITY SHALL NOT BE RESPONSIBLE FOR REPLACEMENT OF ANY PRIVATE INFRASTRUCTURE, SUCH AS CURB & GUTTER, SOD, AND FINAL PAVEMENT REGARDING NECESSARY REPARIS.

THE 9.5' PEDESTRIAN / UTILITY EASEMENT SHOWN SHALL BE AVAILABLE TO THE PUBLIC AND SHALL BE MAINTANED BY THE PROPERTY OWNERS ASSOCIATION, INCLUDING SIDEWALKS AND HANDICAP RAMPS.

COS AREAS SHALL BE TRANSFERRED TO THE PROPERTY OWNERS ASSOCIATION WHO WILL BE RESPONSIBLE FOR MAINTENANCE.

TOP FLANGE BOLT OF FIRE HYDRANT BETWEEN 'W' & 'M'.
FIRE HYDRANT LOCATED ON THE NORTHWEST SIDE OF
HIGHWAY 70 NEAR THE NORTHEASTERLY CORNER OF THE
PROPERTY AND ADJACENT TO DRIVE WAY FOR ST
GEORGE ORTHODOX CHURCH.
ELEVATION = 296.50

NOTE:

THIS PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) SUBJECT TO INUNDATION BY THE 1 PERCENT ANNUAL CHANCE FLOOD AS DETERMINED BY F.E.M.A. AND SHOWN ON FIRM MAP NUMBER 47157C0304 G, DATED FEBRUARY 16, 2013.

100 YEAR FLOOD ELEV. 267± (FLETCHER CREEK)



SCALE 1" = 30'

		IVIEIV	IFHIS, TENNESSEE	36133	www.crigiob	u1.00m
PRELIMINARY PLAT - PHASE 3						
UNION DEPOT PD						
CASE NUMBER:		FORMER CA	ASE NO:			
BARTLETT, TN						
NUMBER OF LOTS: 1 LOT	ACREAGE:	2.792 AC.	PARCEI	LID: PART	OF B0157	00802
DEVELOPER: BLUE SKY COMMUNITIES, INC. ENGINEER: EFI GLOBAL 177 CRESENT DR. COLLIERVILLE, TN						
100-YEAR FLOOD ELEV: 269-273	PANEL: 471570	C0304G	MAP DAT	E: 02/06/2	2013	
DECEMBER 30, 2024	SCALE: 1"	= 50'		SHEET	1 OF	2

CERTIFICATE OF ADEQUACY OF STORM DRAINAGE
I,, DO HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL CIVIL ENGINEER, AND THAT I HAVE DESIGNED ALL STORM WATER DRAINAGE FOR TO ASSURE THAT NEITHER THE SAID SUBDIVISION NOR ADJOINING PROPERTY WILL BE DAMAGED OR THE CHARACTER OF LAND USE AFFECTED BY THE VELOCITY AND VOLUME OF WATER ENTERING OR LEAVING SAME.
IN WITNESS WHEREOF, I, THE SAID, PROFESSIONAL CIVIL ENGINEER, HEREUNTO SET MY HAND AND AFFIX MY SEAL THIS DAY OF
PROFESSIONAL CIVIL ENGINEER TENNESSEE CERTIFICATE NUMBER 111626
CERTIFICATE OF SUREY
I,
[SURVEYOR] TENNESSEE CERTIFICATE NUMBER
BOARD OF MAYOR AND ALDERMAN CERTIFICATE
I,, DO HEREBY CERTIFY THAT ALL REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED, OR THAT A PERFORMANCE BOND OR OTHER COLLATERAL IN SUFFICIENT AMOUNT TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS HAS BEEN POSTED FOR THE SUBDIVISION SHOWN ON THIS PLAT, AND HEREBY APPROVED BY THE CITY OF BARTLETT, TENNESSEE.
MAYOR, CITY OF BARTLETT DATE
PLANNING COMMISSION CERTIFICATE I,, DO HEREBY CERTIFY THAT THE CITY OF BARTLETT PLANNING COMMISSION HAS APPROVED THIS PLAT OF SUBDIVISION FOR RECORDING.

SECRETARY, BARTLETT PLANNING COMMISSION

DATE

OWNERS CERTIFICATE WE, THE UNDERSIGNED, , OWNERS OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAT AS OUR PLAN OF DEVELOPMENT AND DEDICATE THE STREETS, RIGHTS-OF-WAY, AND GRANT THE EASEMENTS AS SHOWN AND/OR DESCRIBED TO THE PUBLIC USE FOREVER. WE CERTIFY THAT WE ARE THE OWNERS OF SAID PROPERTY IN FEE SIMPLE, DULY AUTHORIZED SO TO ACT; AND THAT SAID PROPERTY IS NOT ENCUMBERED BY ANY TAXES WHICH HAVE BECOME DUE AND PAYABLE. DATE

SIGNATURE NOTARY CERTIFICATE STATE OF COUNTY OF _____ BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID STATE AND COUNTY, DULY COMMISSIONED AND QUALIFIED, PERSONALLY APPEARED _____, WITH WHOM I AM PERSONALLY ACQUAINTED AND WHO UPON HIS OATH ACKNOWLEDGED HIMSELF TO BE _______, OWNER OF THE PROPERTY, THE WITHIN NAMED BARGAINER, AND THAT HE EXECUTED THE FOREGOING INSTRUMENT FOR THE PURPOSE THEREIN CONTAINED. IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL AT MY OFFICE IN ______, WITNESS MY HAND AND NOTARIAL SEAL THIS _____ DAY OF ___ NOTARY PUBLIC _____ MY COMMISSION EXPIRES _____ MORTGAGEE CERTIFICATE ____, THE UNDERSIGNED MORTGAGEE OF THE PROPERTY SHOWN HEREON, HEREBY CONSENT AND AGREE TO THE PLAN OF DEVELOPMENT AS SUBMITTED BY _____ THE PROPERTY.

SIGNATURE	
NOTARY CERTIFICATE	

SIGNATURE

COUNTY OF _____

BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID STATE AND COUNTY, DULY COMMISSIONED AND QUALIFIED, PERSONALLY APPEARED _____, WITH WHOM I AM PERSONALLY ACQUAINTED AND WHO, UPON OATH, ACKNOWLEDGED HIMSELF/HERSELF TO BE

DATE

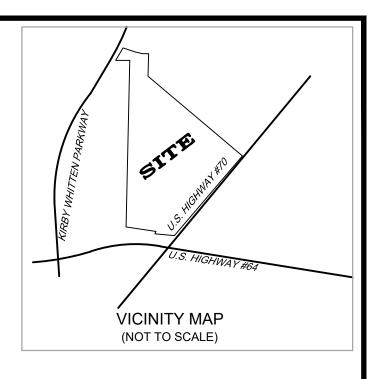
DATE

MORTGAGEE OF THE PROJECT NAMED HEREON, AND HE/SHE AS SUCH REPRESENTATIVE EXECUTED THE FOREGOING INSTRUMENT FOR THE PURPOSE THEREIN CONTAINED BY SIGNING HIS/HER NAME AS REPRESENTATIVE OF THE MORTGAGEE.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL AT MY OFFICE IN ______, 20____.

NOTARY PUBLIC ___

MY COMMISSION EXPIRES _____





PRELIMINARY PLAT - PHASE 3 UNION DEPOT PD CASE NUMBER: FORMER CASE NO: BARTLETT, TN NUMBER OF LOTS: 1 LOT ACREAGE: 2.792 AC. PARCEL ID: PART OF B0157 00802 ENGINEER: EFI GLOBAL DEVELOPER: BLUE SKY COMMUNITIES, INC. 177 CRESENT DR. COLLIERVILLE, TN MAP DATE: 02/06/2013 FEMA MAP PANEL: 47157C0304G 100-YEAR FLOOD ELEV: 269-273 **DECEMBER 30, 2024** SCALE: NTS SHEET 2 OF 2



PC Site Plan Application

Date: 01/06/2025

Pro	iect	Info	rmation

Property Address: 6896 Highway 70

Project Name:

Present Zoning: # of Lots:

Planned Development

Description: Mixed Use (Retail/Multi-Family)

Applicant / Owner

Applicant Name: Roy Lamica

EFI Global Company Name: Address: 7975 Stage Hills Blvd, Suite 1

City, State, Zip: Bartlett, TN 38133

Phone: 9013551347 Email:

roy.lamica@efiglobal.com

Owner Name: Blue Sky Communities, Inc.

Company Name:

Address:

City, State, Zip: Phone:

Email:

177 Crescent Drive

Collierville, TN 38017

9018540525

Architect / Engineer

Architect Contact: Reid Cullers

Company Name: Shapiro & Company

Architects

Address: 435 Madison Avenue, Suite

200

City, State, Zip: Memphis, TN 38103

Phone: 9016859001

Email: rcullers@shapiroandco.com **Architect Contact:** Roy Lamica EFI Global Company Name:

Address: 7975 Stage Hills Blvd, Suite 1

City, State, Zip: Bartlett, TN 38133

Phone: 9013551347

Email: roy.lamica@efiglobal.com

I do hereby certify that the information contained herein is true and correc
--

Roy Lamica	01/06/2025
Name	Date

Bartlett Planning and Economic Development Department 6382 Stage Road, P.O. Box 341148 Bartlett, TN 38184-1148 901-385-6417 FAX 901-385-6419 www.cityofbartlett.org

Planning Commission Site Plan Checklist

The site plan package shall include the information below, with dimensions as necessary to show compliance with the Zoning Ordinance and to locate required features:

X a. The proposed development's name and location, the name(s) and address(es) of the owner(s), and the name of the designer of the site plan.

b. A site location (vicinity) map.

C. Date, north point and graphic scale. Draw to scale on sheets no larger than 24" x 36".
 Scale shall be no smaller than 1" = 100' and large enough to show required detail clearly and distinctly. Use an engineer's scale. An architect's scale may be used for building elevations.

d. The locations of existing and platted property lines and any existing streets, buildings, easements, etc.

e. The locations and dimensions of proposed streets, buildings, easements, lot lines and other site plan features.

X

f. The proposed types of uses and their locations, height of buildings, arrangement, lot coverage, yards and open spaces.

g. A grading and drainage plan that has provisions for detention. Also, provide flood hazard details when applicable.

h. Floor area of proposed buildings or building additions (each floor, in square feet).

i. Proposed off-street parking with parking spaces shown and dimensioned.

j. Landscaping and screening plan, evidence of compliance with required landscaping.

k. Table on the landscape plan showing compliance with the Tree Ordinance.

1. Other information as may be required by the Planning Commission.

N/A m. A tree survey by a certified arborist is required if there are trees larger than 6" in diameter on the site.

X_n. A tree protection plan that is signed by a surveyor <u>and</u> arborist showing trees to be removed and saved is required.

X o. Erosion control plan.

X p. Location of sewer and water services and water meter sizes.

X q. The applicant must provide one PDF file of the pictorial portion of the site plan (and also one of any separate landscaping plan), for display at the Planning Commission meeting.

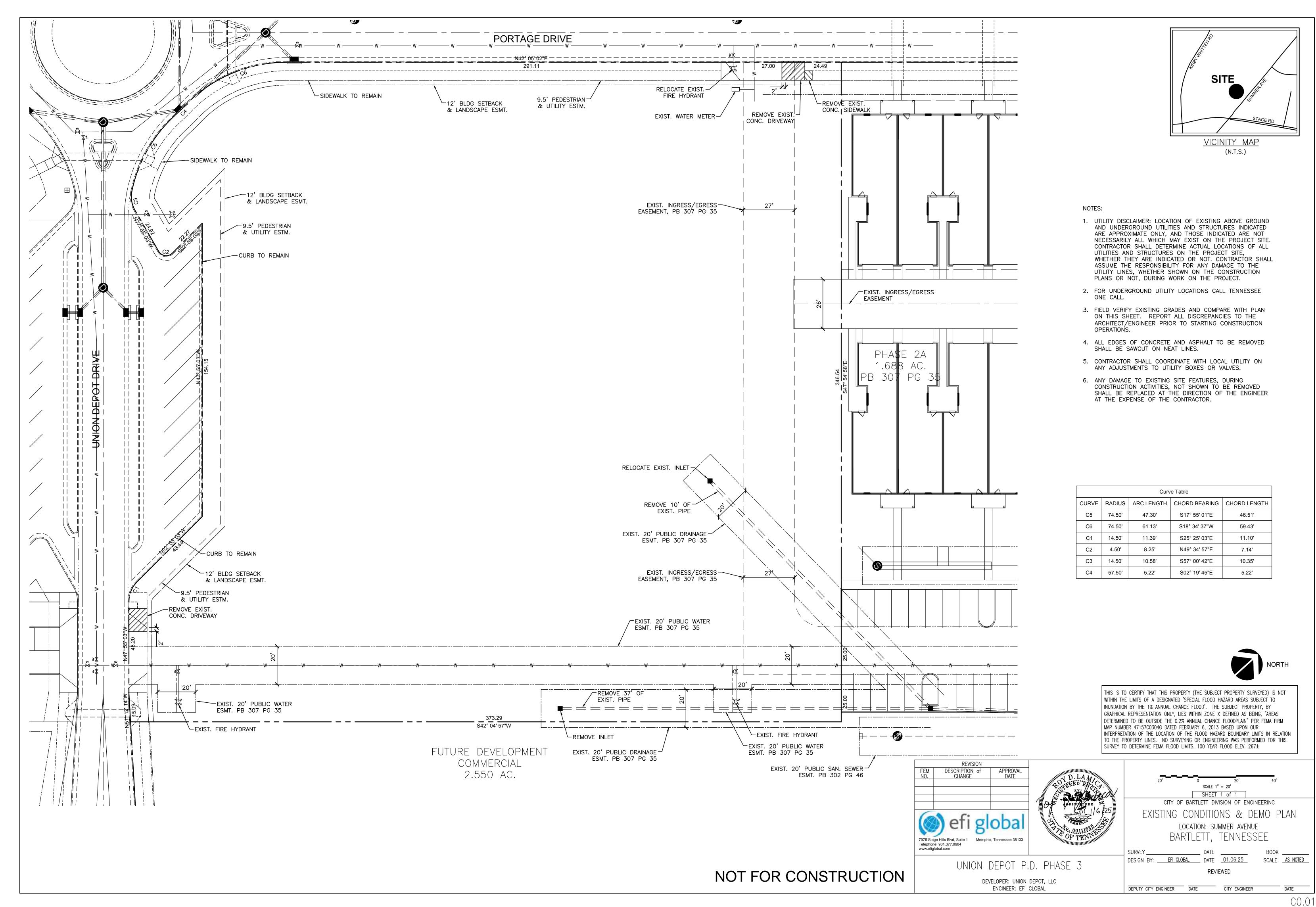
Plans shall be sealed, signed and dated by an engineer that is registered in the State of Tennessee

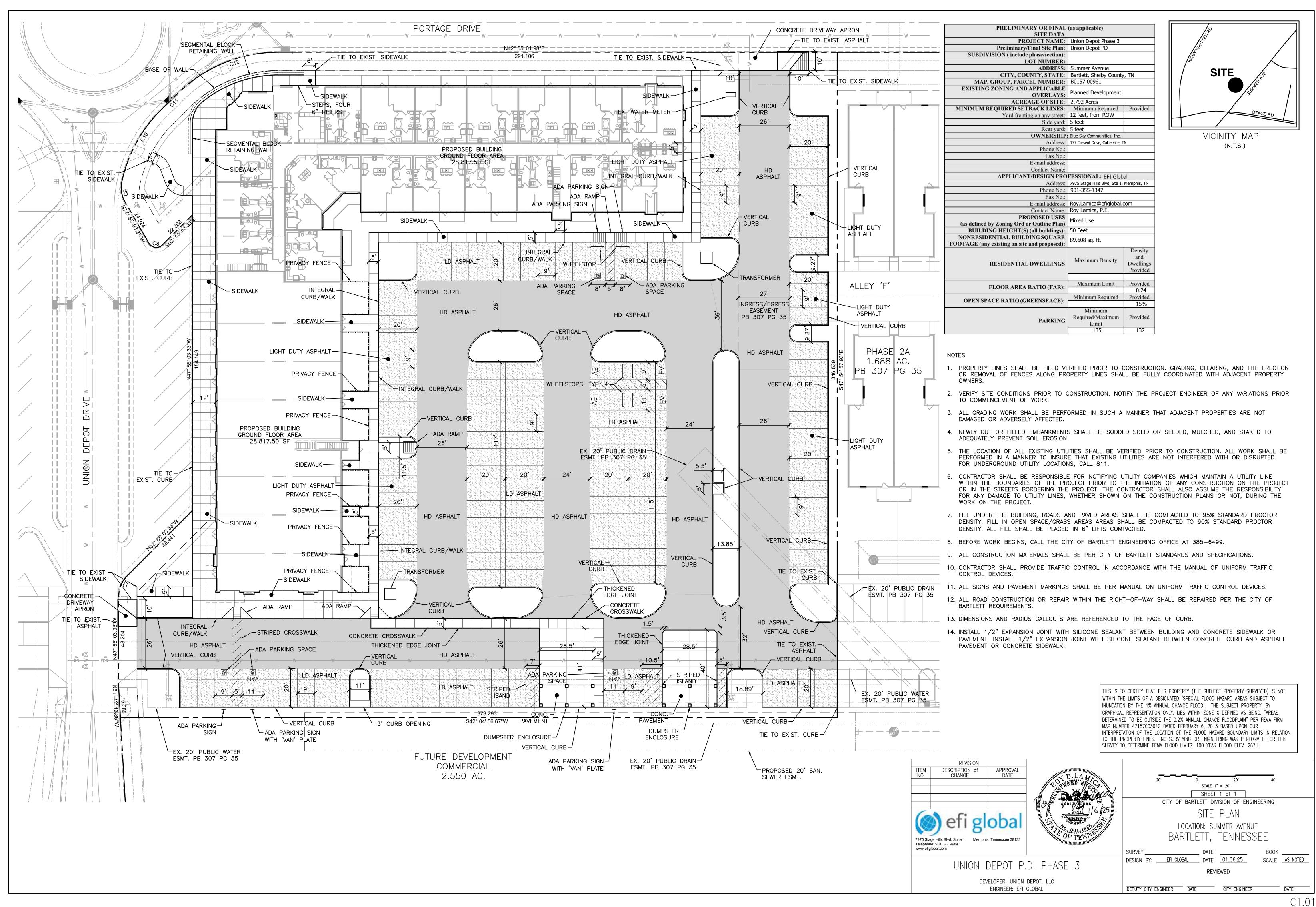
Without Contract: Include a fee of \$400.00 with this application (check payable to the City of Bartlett).

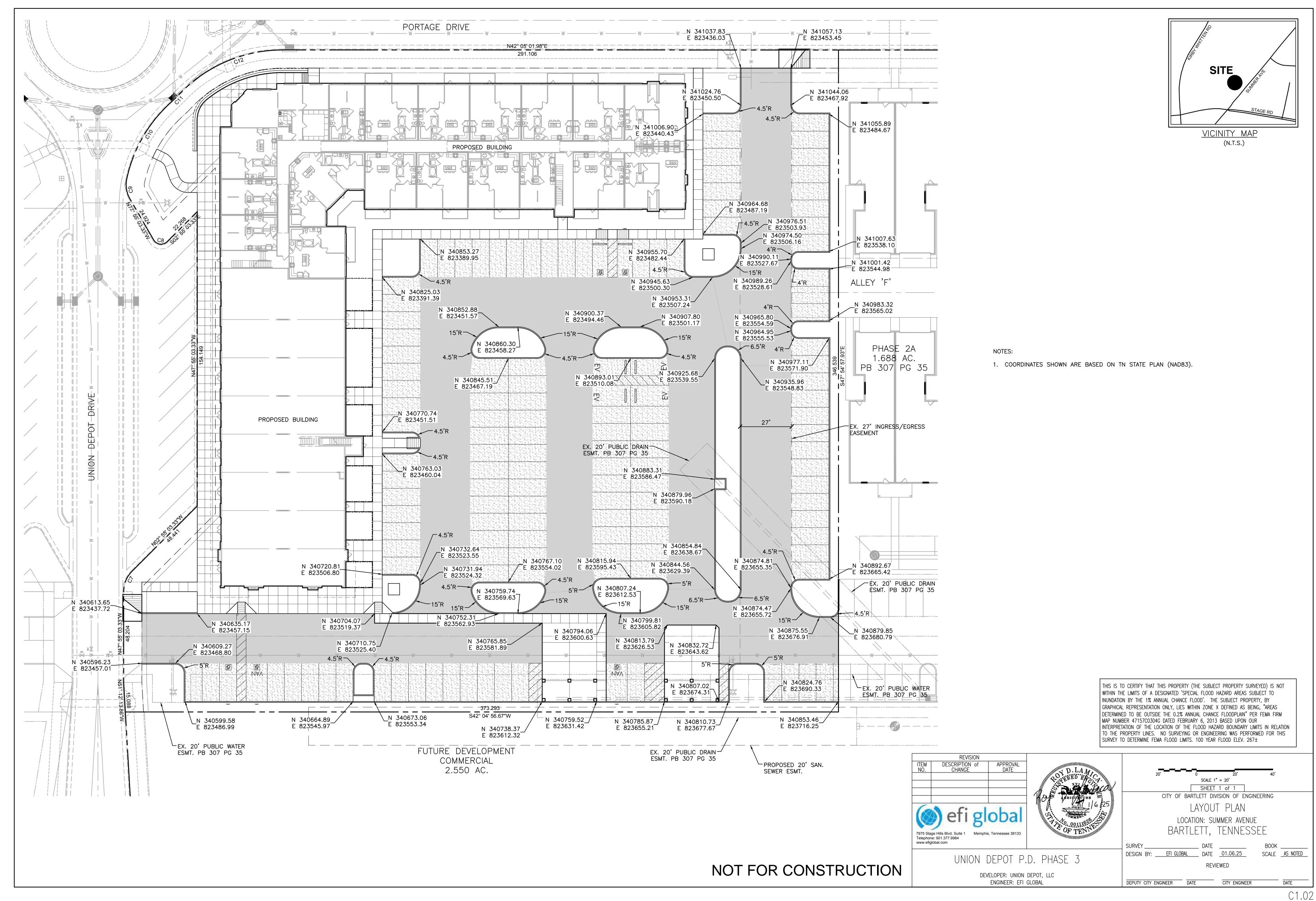
With Contract: Include a fee of \$500.00 with this application (check payable to the City of Bartlett).

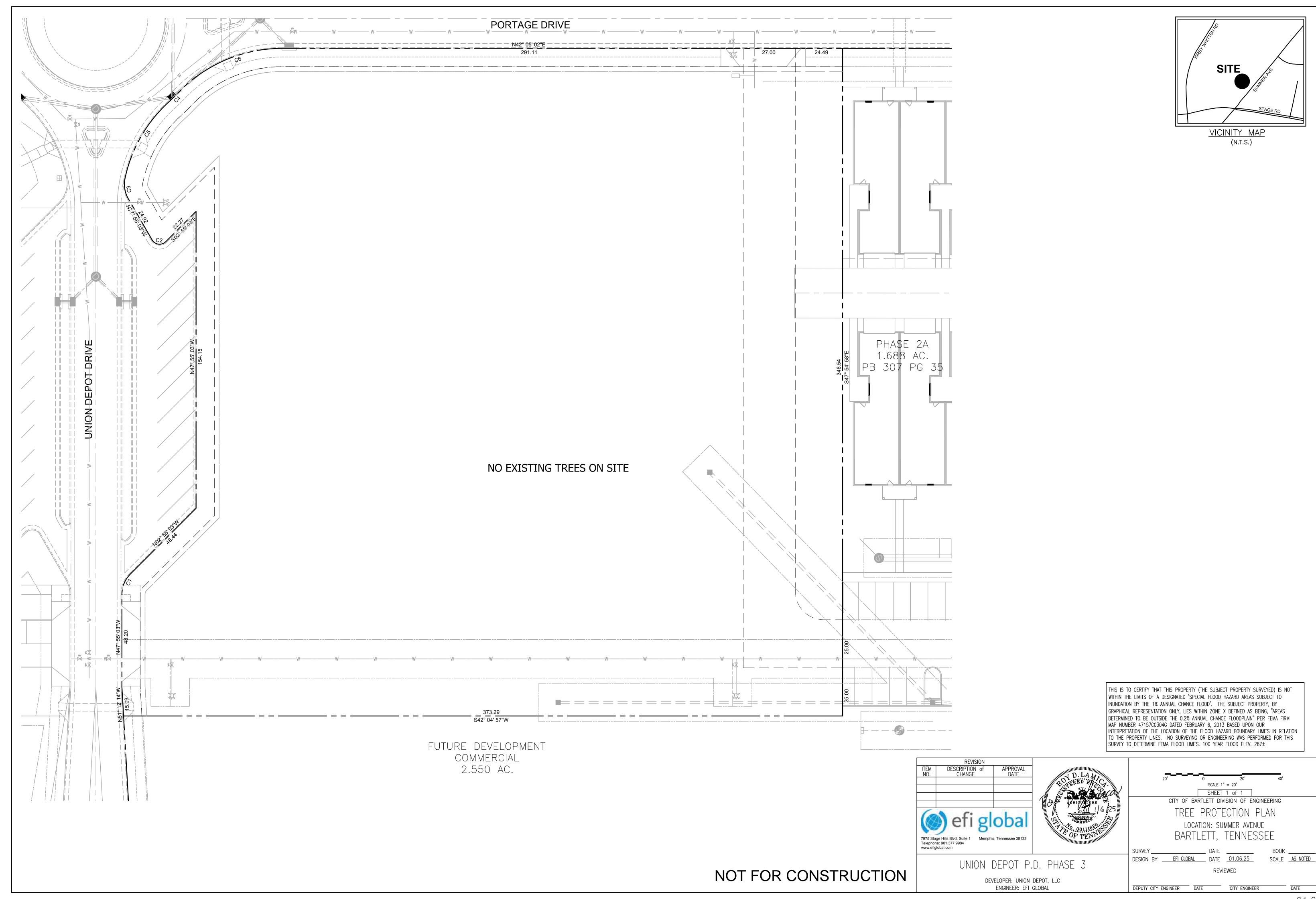
The fee is non-refundable. Approval may be granted to the entire development for construction purposes, or approval may be granted by stages. Any unauthorized deviation from the approved Site Plan shall constitute a violation of the Building Permit. If the site is subject to the Subdivision process, all requirements of the Subdivision Ordinance must be met.

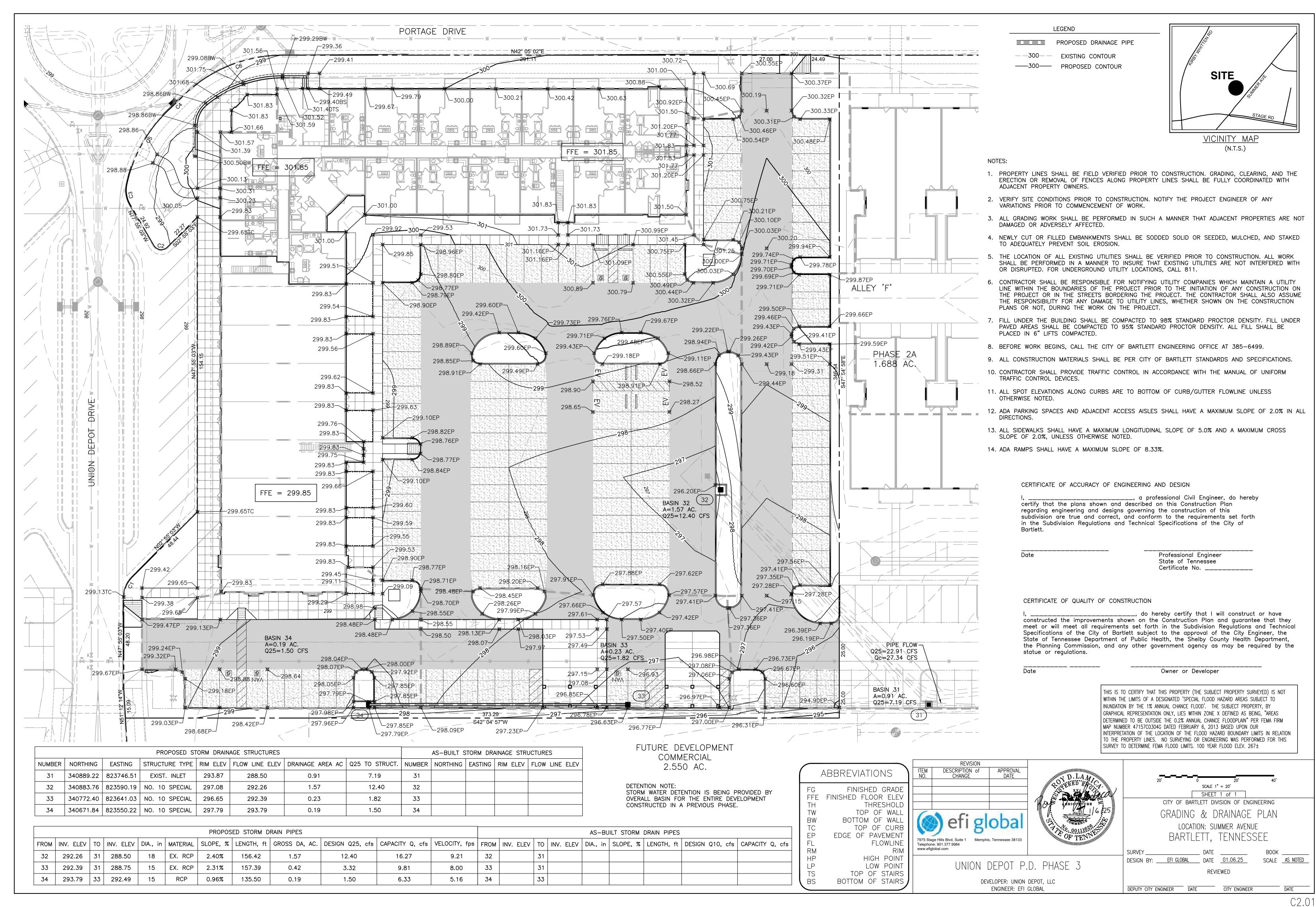
INCOMPLETE APPLICATIONS WILL NOT BE PROCESSED

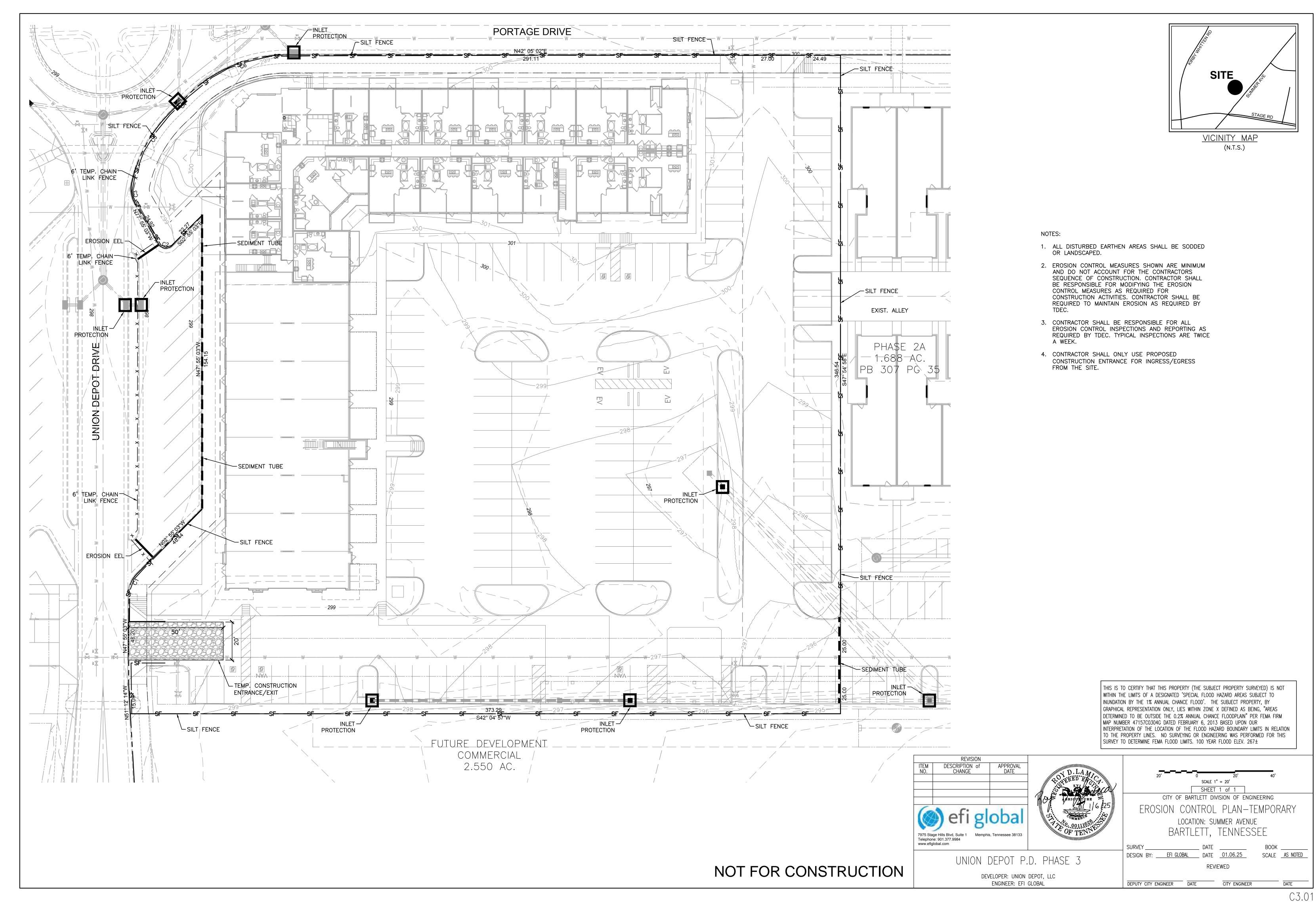


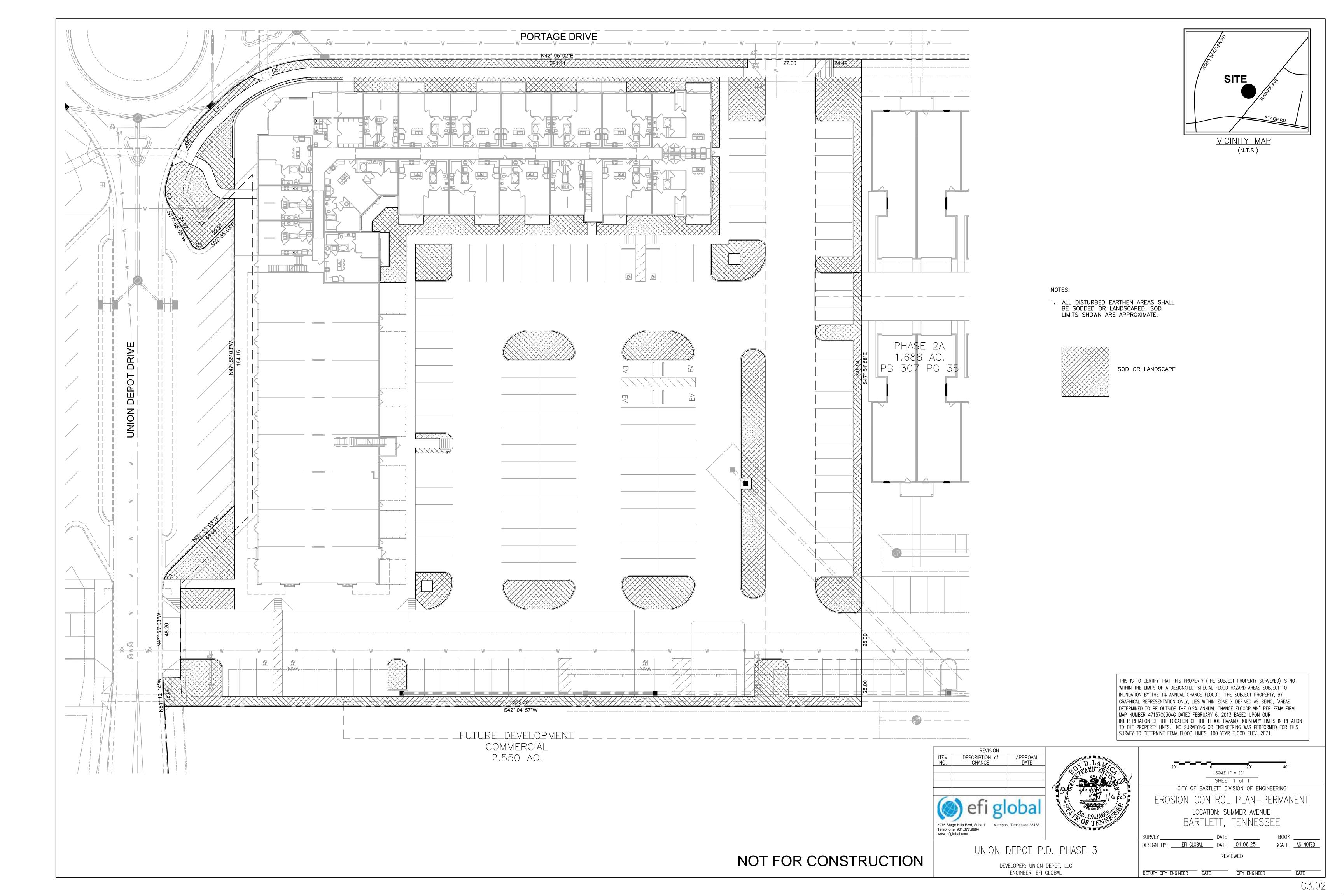






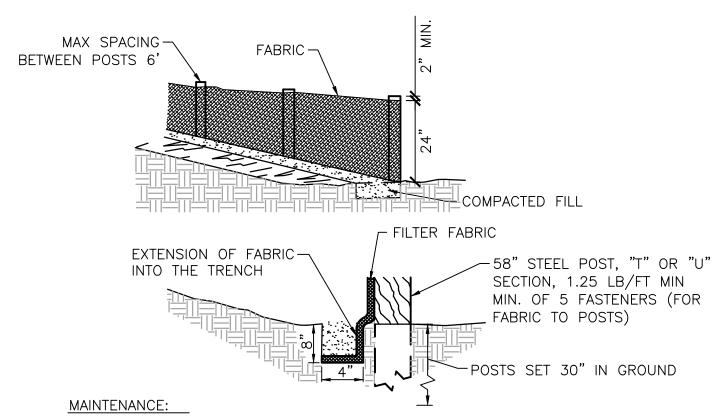






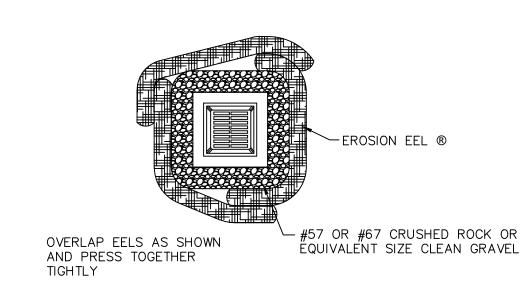
EROSION CONTROL NOTES

- 1. THE PURPOSE OF THIS EROSION CONTROL PLAN IS TO PREVENT SILTATION AND OTHER POLLUTANTS, DUE TO CONSTRUCTION, FROM ENTERING ADJACENT STREAMS AND
- 2. CLEARING AND GRUBBING IS TO BE HELD TO THE MINIMUM WIDTH NECESSARY TO ACCOMMODATE SLOPES. UNNECESSARY CANOPY REMOVAL (TREES, SHRUBS, ETC.) IS PROHIBITED.
- 3. MAINTAIN ALL GROUND COVER WHENEVER POSSIBLE. ALL AREAS DISTURBED BY CONSTRUCTION THAT ARE NOT TO RECEIVE PAVING SHALL BE SODDED AS SOON AS
- 4. ALL DITCHES AND FRESH CUTS IN DRAINAGE WAYS SHALL BE STABILIZED WITH SOD WHERE INDICATED ON PLAN.
- 5. TO REDUCE SEDIMENT IN RUNOFF, EROSION CONTROL MEASURES SHALL BE INSTALLED PROMPTLY DURING ALL CONSTRUCTION PHASES.
- 6. SEDIMENT TRAPS SHALL BE LOCATED AS NEEDED BY THE ENGINEER.
- 7. SITE EROSION CONTROLS SHALL BE CHECKED BI-WEEEKLY AND AT LEAST 72 HOURS APART AND IF NECESSARY REPAIRED WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN 0.5". IN THE EVENT OF CONTINUOUS RAINFALL, EROSION CONTROLS SHALL BE CHECKED DAILY.
- 8. DURING SEDIMENT REMOVAL. THE CONTRACTOR SHALL TAKE CARE TO ENSURE THAT STRUCTURAL COMPONENTS OF EROSION CONTROL STRUCTURES ARE NOT DAMAGED AND THUS MADE INEFFECTIVE. IF DAMAGE DOES OCCUR, THE CONTRACTOR SHALL REPAIR THE STRUCTURES AT THE CONTRACTOR'S EXPENSE.
- 9. ALL AREAS TO REMAIN BARE GREATER THAN 14 DAYS MUST BE TEMPORARILY STABILIZED. ALL SLOPES GREATER THAT 3 TO 1 TO REMAIN BARE FOR MORE THAT 7 DAYS MUST BE TEMPORARILY STABILIZED.
- 10. SEDIMENT REMOVED FROM SEDIMENT CONTROL STRUCTURES IS TO BE PLACED AT A SITE APPROVED BY THE ENGINEER. IT SHALL BE TREATED IN A MANNER SO THAT THE AREA AROUND THE DISPOSAL SITE WILL NOT BE CONTAMINATED OR DAMAGED BY THE SEDIMENT IN RUN-OFF. ALL COST FOR SEDIMENT REMOVAL SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- 11. UPON COMPLETE REMOVAL OF SEDIMENT TRAPS, SPECIAL DITCHES, ETC., THE AREA WHERE THEY WERE CONSTRUCTED IS TO BE TOPSOILED, SEEDED, AND MULCHED.
- 12. ALL STOCKPILES TO BE CONTAINED BY SILT FENCE IN ORDER TO PREVENT SEDIMENT RUNOFF FROM ENTERING NEARBY STREAMS.
- 13. SHOULDERS AND EXCAVATED AREAS SHALL BE PROMPTLY STABILIZED AGAINST EROSION. SILTATION MEASURES SHALL BE IMPLEMENTED PROMPTLY TO REDUCE THE SEDIMENT IN RUN-OFF FROM THE CONSTRUCTION SITE.
- 14. EQUIPMENT STAGING AND MAINTENANCE AREAS SHALL BE DEVELOPED A SUFFICIENT DISTANCE FROM STREAMS TO ENSURE THAT OIL, GASOLINE, AND OTHER PETROLEUM POLLUTANTS DO NOT ENTER THE WATERWAYS.
- 15. FAILURE TO MAINTAIN GOOD EROSION CONTROL MEASURES COULD RESULT IN A CIVIL PENALTY BEING ISSUED TO THE CONTRACTOR. THE PRIMARY PERMITTEE (OWNER/DEVELOPER) IS ULTIMATELY RESPONSIBLE FOR MEETING THE TERMS AND CONDITIONS OF THE CONSTRUCTION GENERAL PERMIT. ALL PERMITTEES, BOTH PRIMARY AND SECONDARY (TYPICALLY THE CONTRACTOR) CAN BE HELD RESPONSIBLE IF THE TERMS AND CONDITIONS OF THE CONSTRUCTION GENERAL PERMIT ARE NOT MET.
- 16. THE CONTRACTOR SHALL INSTALL AND MAINTAIN EROSION CONTROL DEVICES IN GENERAL CONFORMANCE TO THE EROSION CONTROL PLAN. THE EROSION CONTROL PLAN IS PROVIDED TO INDICATE MINIMUM EROSION CONTROL MEASURES REQUIRED OF THE CONTRACTOR AND DOES NOT TAKE INTO ACCOUNT THE CONTRACTOR'S SEQUENCE OF CONSTRUCTION. ADDITIONAL EROSION CONTROL MEASURES SHALL BE UNDERTAKEN BY THE CONTRACTOR AS REQUIRED TO MINIMIZE IMPACTS TO ADJACENT PROPERTIES AND THE DRAINAGE SYSTEM DOWNSTREAM OF THE SITE, AT NO ADDITIONAL COST.
- 17. FOR INLETS IN PAVEMENT, CONTRACTOR SHALL USE WADDLES SURROUNDING THE INLET AND FLEXSTORM "CATCH-IT" BY ADS. SEDIMENT SHALL BE REMOVED FROM BELOW-GRADE CATCH BASIN SEDIMENT TRAP ACCORDING TO MANUFACTURER'S RECOMMENDATIONS AT NO ADDITIONAL COST TO OWNER.
- 18. CONTRACTOR'S RESPONSIBILITY TO ENSURE ALL REQUIRED PERMITS HAVE BEEN OBTAINED PRIOR TO BEGINNING CONSTRUCTION OR OTHER ACTIVITIES.
- 19. AN EPSC LEVEL 1 CERTIFIED INDIVIDUAL SHALL BE DESIGNATED TO BE RESPONSIBLE FOR EROSION AND SEDIMENT CONTROLS ON EACH PROJECT SITE.
- 20. THE CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING SOIL EROSION CONTROL MEASURES AS NOTED ON THE PLANS AND AS REQUESTED BY THE OWNER DURING CONSTRUCTION. THE CONTRACTOR SHALL ALSO BE RESPONSIBLE FOR SATISFYING THE REQUIREMENTS OF THE STATE OF TENNESSEE DIVISION OF WATER RESOURCES AS SET FORTH IN THE TENNESSEE EROSION & SEDIMENT CONTROL HANDBOOK. ALL SOIL EROSION CONTROL MEASURES SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE CONTRACT SO AS TO PREVENT ANY SEDIMENTATION FROM WASHING OFF THE SITE ONTO ADJACENT PROPERTY OR PUBLIC RIGHTS-OF-WAY. STRAW BALE DAMS AND/OR SEDIMENT FENCE SHALL BE INSTALLED AS DIRECTED. THE CONTRACTOR SHALL MAINTAIN A LOG OF ALL MAINTENANCE ACTIVITIES FOR THE EROSION CONTROL ELEMENTS AS REQUIRED BY THE STATE OF TENNESSEE DIVISION OF WATER RESOURCES.
- 21. THE FOLLOWING ITEMS MUST BE AVAILABLE ON SITE FOR THE DIVISION OF WATER RESOURCES INSPECTOR ON REQUEST: EROSION CONTROL PLAN, SWPPP, TWICE WEEKLY INSPECTION CERTIFICATION FORMS, AND THE NOTICE OF COVERAGE FOR THE PROJECT.
- 22. EROSION AND SEDIMENT CONTROL MEASURES MUST BE IN PLACE AND FUNCTIONAL BEFORE EARTH MOVING OPERATIONS BEGIN, AND MUST BE CONSTRUCTED AND MAINTAINED THROUGHOUT THE CONSTRUCTION PERIOD. TEMPORARY MEASURES MAY BE REMOVED AT THE BEGINNING OF THE WORK DAY, BUT MUST BE REPLACED AT THE END OF THE WORK DAY OR PRIOR TO RAINFALL EVENTS.
- 23. ALL CONTROL MEASURES SHALL BE CHECKED AND REPAIRED AS NECESSARY BI-WEEKLY IN DRY PERIODS AND WITHIN 24 HOURS AFTER ANY RAINFALL OF 0.5 INCHES WITHIN A 24 HOUR PERIOD. DURING PROLONGED RAINFALL, DAILY CHECKING AND REPAIRING IS NECESSARY. THE PERMITTEE SHALL MAINTAIN RECORDS OF CHECKS AND REPAIRS.
- 24. ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE TDEC "EROSION AND SEDIMENT CONTROL HANDBOOK, 4TH EDITION."
- 25. THE CONTRACTOR IS RESPONSIBLE FOR MEETING THE REQUIREMENTS OF THIS PLAN AND FOR INSTALLING NEW SILT FENCE AS REQUIRED.
- 26. ALL STATE/NPDES PERMITS ARE REQUIRED TO HAVE BEEN OBTAINED BEFORE START UP OF ANY CONSTRUCTION ACTIVITIES, INCLUDING BUT NOT LIMITED TO CONSTRUCTION GENERAL PERMIT, ARAP AND ARMY CORPS OF ENGINEERS PERMIT.
- 27. MUDDY WATER TO BE PUMPED FROM EXCAVATION AND WORK AREAS MUST BE HELD IN SETTLING BASINS OR TREATED BY FILTRATION THROUGH AN APPROVED DEWATERING BAG SET-UP PRIOR TO ITS DISCHARGE OFF-SITE, INTO STORM DRAINS OR SURFACE WATERS SILT FENCE FABRIC ALONE IS NOT ADEQUATE AS A FILTER. WATER MUST BE DISCHARGED THROUGH A PIPE OR LINED CHANNEL SO THAT THE DISCHARGE DOES NOT CAUSE EROSION AND SEDIMENTATION. THE DISCHARGE MUST NOT CAUSE AN OBJECTIONABLE COLOR CONTRAST WITHIN THE RECEIVING STREAM

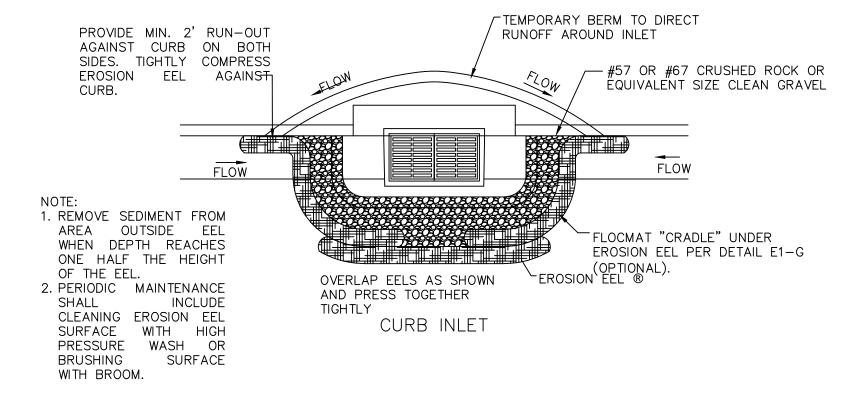


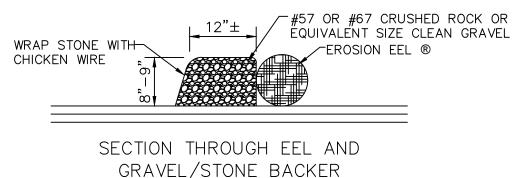
- 1. INSPECT SEDIMENT FENCES AT LEAST TWICE A WEEK AND AFTER EACH RAINFALL. MAKE ANY REQUIRED REPAIRS IMMEDIATELY. SHOULD THE FABRIC OF A SEDIMENT FENCE COLLAPSE, TEAR, DECOMPOSE OR BECOME INEFFECTIVE. REPLACE IT PROMPTLY. REPLACE BURLAP AS NEEDED
- 2. REMOVE SEDIMENT DEPOSITS WHEN THE STORAGE VOLUME HAS BEEN REDUCED BY 50% TO PROVIDE ADEQUATE STORAGE FOR THE NEXT RAIN AND TO REDUCE PRESSURE ON THE FENCE. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEANOUT. REMOVE ALL FENCING MATERIALS AND UNSTABLE SEDIMENT DEPOSITS AND BRING THE AREA TO GRADE AND STABILIZE IT AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN PROPERLY



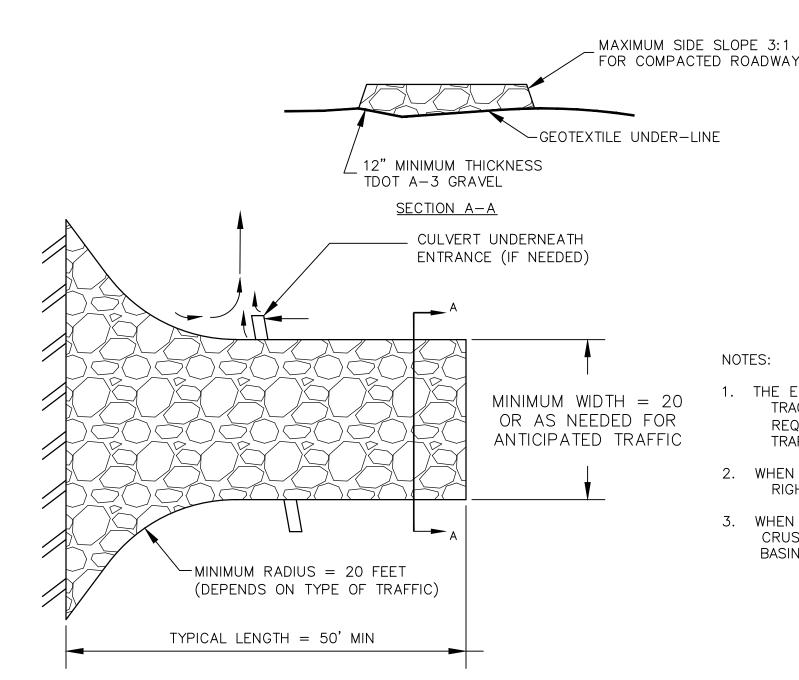


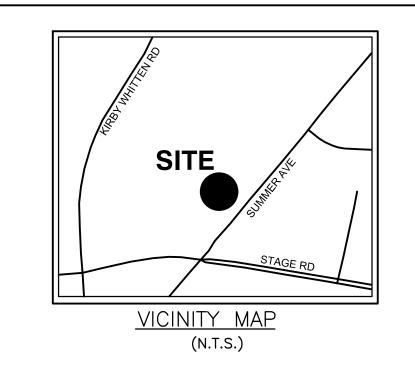
GRATE/WEIR INLET





EROSION EEL® INLET PROTECTION

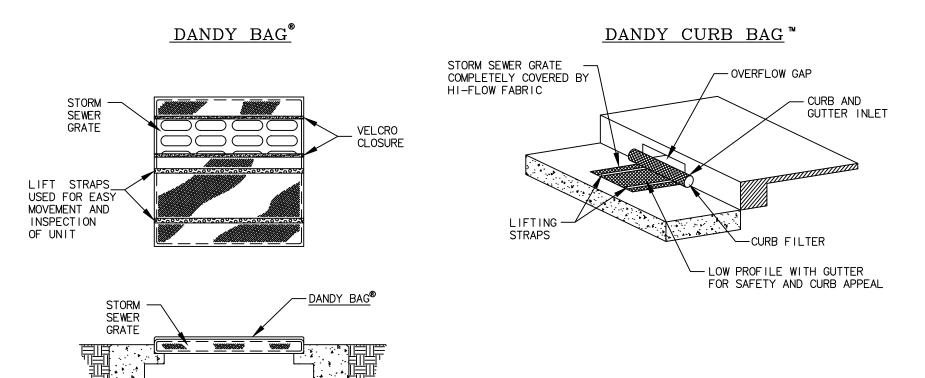


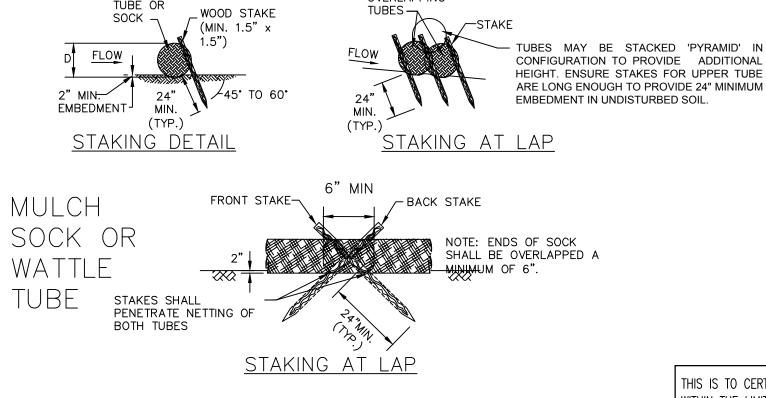


NOTES:

- 1. THE ENTRANCE SHALL BE MAINTAINED IN A CONDITION THAT WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAYS. THIS MAY REQUIRE TOP DRESSING, REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT.
- 2. WHEN NECESSARY, WHEELS SHALL BE CLEANED PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY.
- 3. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH CRUSHED STONE THAT DRAINS INTO AN APPROVED SEDIMENT TRAP OR SEDIMENT







NOTE: WATTLE TUBES MAY BE SUBSTITUTED FOR SILT FENCE WHERE SILT FENCE IS SHOWN ON PLANS UNLESS SPECIFICALLY NOTED OTHERWISE.



THIS IS TO CERTIFY THAT THIS PROPERTY (THE SUBJECT PROPERTY SURVEYED) IS NOT WITHIN THE LIMITS OF A DESIGNATED 'SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD'. THE SUBJECT PROPERTY, BY GRAPHICAL REPRESENTATION ONLY, LIES WITHIN ZONE X DEFINED AS BEING, "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN" PER FEMA FIRM MAP NUMBER 47157C0304G DATED FEBRUARY 6, 2013 BASED UPON OUR INTERPRETATION OF THE LOCATION OF THE FLOOD HAZARD BOUNDARY LIMITS IN RELATION TO THE PROPERTY LINES. NO SURVEYING OR ENGINEERING WAS PERFORMED FOR THIS SURVEY TO DETERMINE FEMA FLOOD LIMITS. 100 YEAR FLOOD ELEV. 267±

DEPUTY CITY ENGINEER DATE



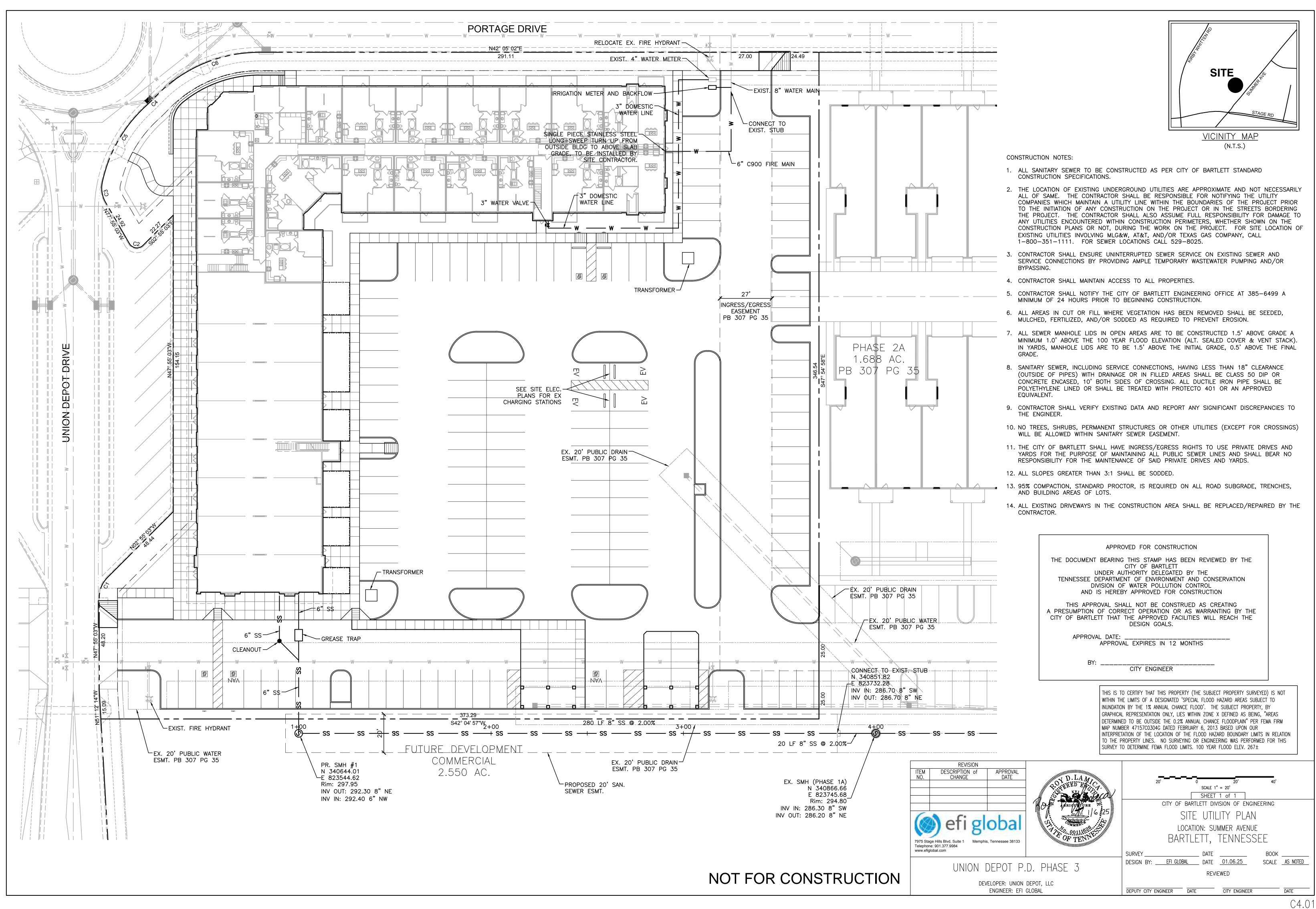
UNION DEPOT P.D. PHASE 3 DEVELOPER: UNION DEPOT, LLC

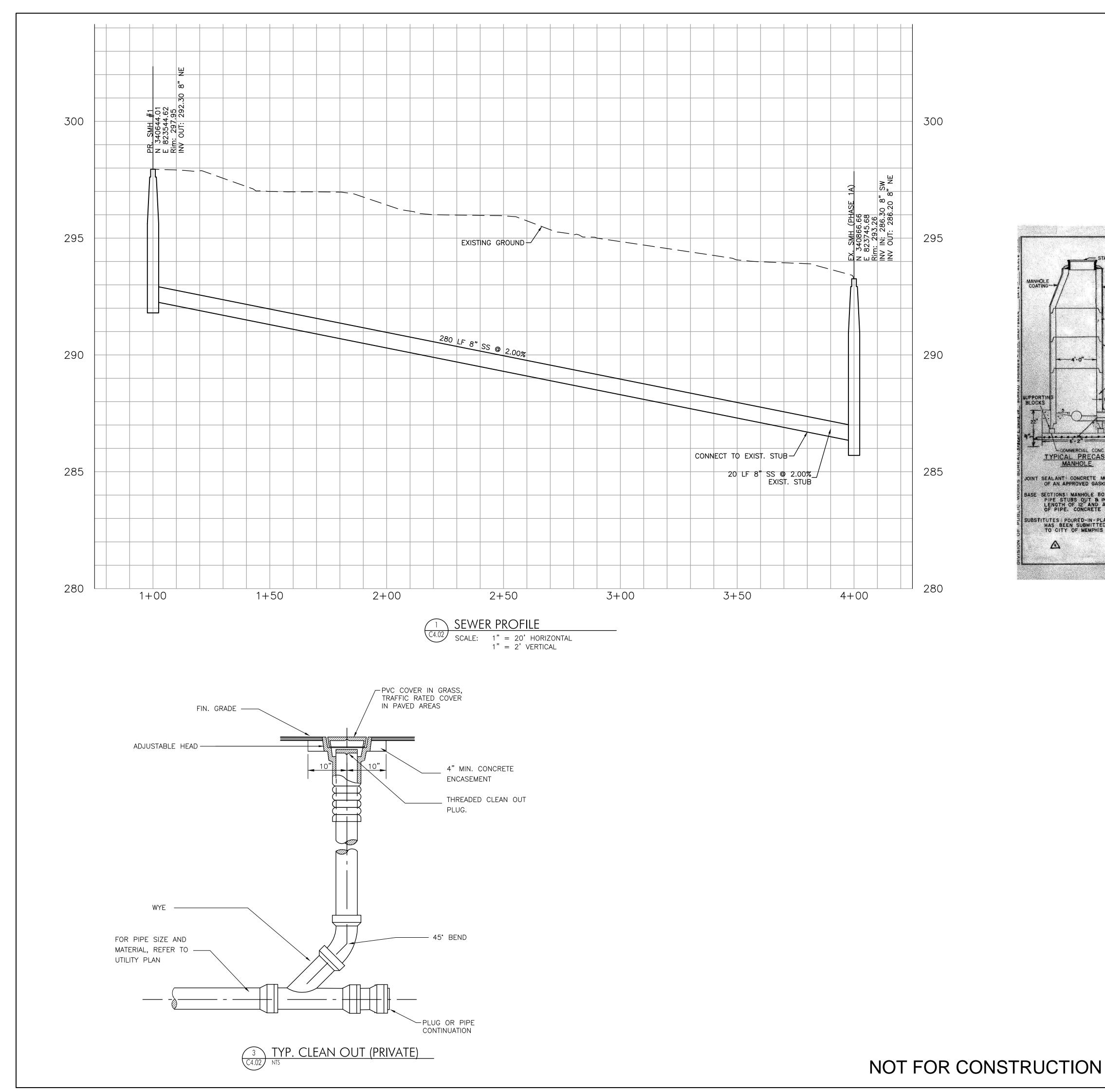
ENGINEER: EFI GLOBAL

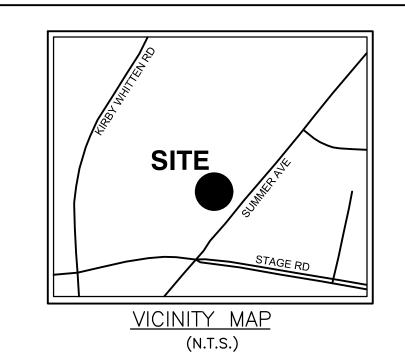
SCALE NTS SHEET 1 of 1 CITY OF BARTLETT DIVISION OF ENGINEERING EROSION CONTROL NOTES & DETAILS LOCATION: SUMMER AVENUE BARTLETT, TENNESSEE DATE DESIGN BY: ____EFI GLOBAL DATE __01.06.25_ SCALE <u>AS NOTED</u> REVIEWED

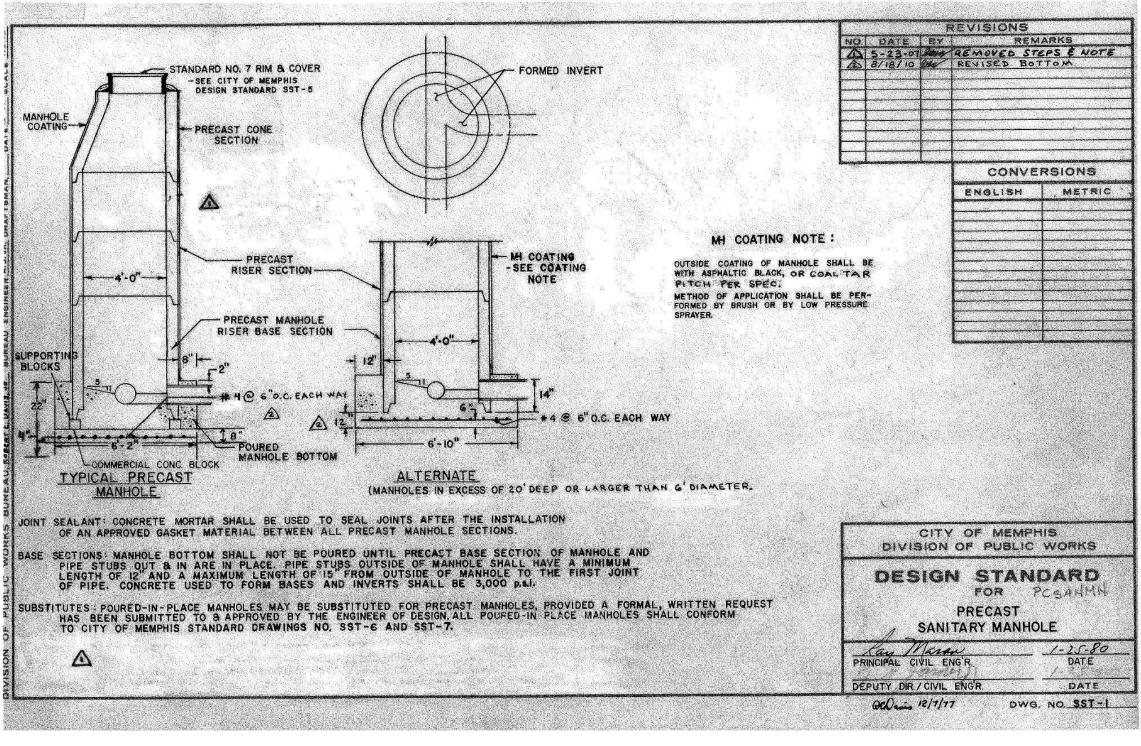
CITY ENGINEER

DATE









TYP. SANITARY SEWER MANHOLE

Output

Output

Description:

Output



THIS IS TO CERTIFY THAT THIS PROPERTY (THE SUBJECT PROPERTY SURVEYED) IS NOT WITHIN THE LIMITS OF A DESIGNATED 'SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD'. THE SUBJECT PROPERTY, BY DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN" PER FEMA FIRM MAP NUMBER 47157C0304G DATED FEBRUARY 6, 2013 BASED UPON OUR INTERPRETATION OF THE LOCATION OF THE FLOOD HAZARD BOUNDARY LIMITS IN RELATION TO THE PROPERTY LINES. NO SURVEYING OR ENGINEERING WAS PERFORMED FOR THIS SURVEY TO DETERMINE FEMA FLOOD LIMITS. 100 YEAR FLOOD ELEV. 267±

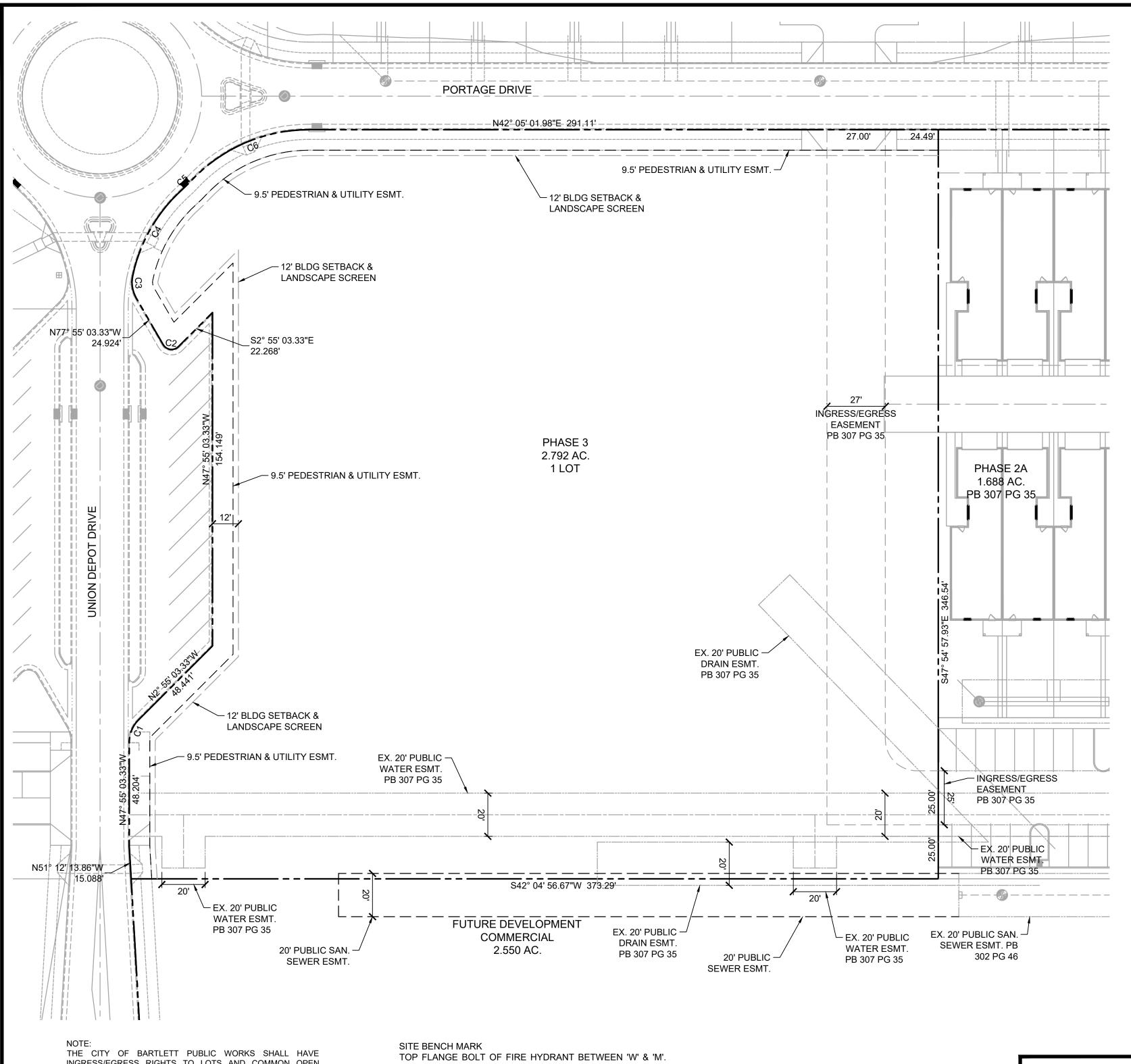


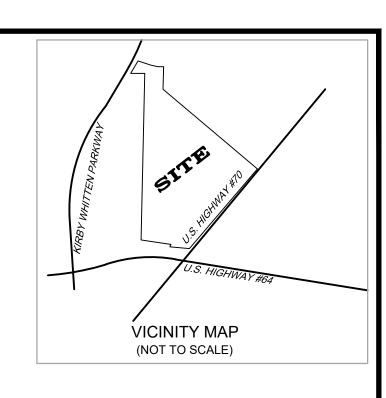
DEVELOPER: UNION DEPOT, LLC ENGINEER: EFI GLOBAL

SCALE NTS SHEET 1 of 1 CITY OF BARTLETT DIVISION OF ENGINEERING SEWER PROFILE AND DETAILS LOCATION: SUMMER AVENUE BARTLETT, TENNESSEE DESIGN BY: ____EFI_GLOBAL DATE __01.06.25_ SCALE AS NOTED

REVIEWED DATE

DEPUTY CITY ENGINEER DATE CITY ENGINEER





CURVE TABLE					
CURVE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH	
C1	14.50'	11.39'	S25° 25' 03"E	11.10'	
C2	4.50'	8.25'	N49° 34' 57"E	7.14'	
С3	14.50'	10.58'	S57° 00' 42"E	10.35'	
C4	74.50'	47.30'	S17° 55' 01"E	46.51'	
C5	57.50'	5.22'	N2° 19' 45"W	5.22'	
C6	74.50'	61.13'	S18° 34′ 37″W	59.43'	



NOTE:
THE CITY OF BARTLETT PUBLIC WORKS SHALL HAVE INGRESS/EGRESS RIGHTS TO LOTS AND COMMON OPEN SPACES FOR WATER & SEWER UTILITY MAINTENANCE. THE CITY SHALL NOT BE RESPONSIBLE FOR REPLACEMENT OF ANY PRIVATE INFRASTRUCTURE, SUCH AS CURB & GUTTER, SOD, AND FINAL PAVEMENT REGARDING NECESSARY REPARIS.

THE 9.5' PEDESTRIAN / UTILITY EASEMENT SHOWN SHALL BE AVAILABLE TO THE PUBLIC AND SHALL BE MAINTANED BY THE PROPERTY OWNERS ASSOCIATION, INCLUDING SIDEWALKS AND HANDICAP RAMPS.

COS AREAS SHALL BE TRANSFERRED TO THE PROPERTY OWNERS ASSOCIATION WHO WILL BE RESPONSIBLE FOR MAINTENANCE.

TOP FLANGE BOLT OF FIRE HYDRANT BETWEEN 'W' & 'M'.
FIRE HYDRANT LOCATED ON THE NORTHWEST SIDE OF
HIGHWAY 70 NEAR THE NORTHEASTERLY CORNER OF THE
PROPERTY AND ADJACENT TO DRIVE WAY FOR ST
GEORGE ORTHODOX CHURCH.
ELEVATION = 296.50

NOTE:

THIS PROPERTY IS NOT LOCATED WITHIN A SPECIAL FLOOD HAZARD AREA (SFHA) SUBJECT TO INUNDATION BY THE 1 PERCENT ANNUAL CHANCE FLOOD AS DETERMINED BY F.E.M.A. AND SHOWN ON FIRM MAP NUMBER 47157C0304 G, DATED FEBRUARY 16, 2013.

100 YEAR FLOOD ELEV. 267± (FLETCHER CREEK)



SCALE 1" = 30'

		IVIEIV	IFHIS, TENNESSEE	36133	www.crrgrob	41.00111
PRELIMINARY PLAT - PHASE 3						
UNION DEPOT PD						
CASE NUMBER:		FORMER CASE NO:				
BARTLETT, TN						
NUMBER OF LOTS: 1 LOT	ACREAGE:	2.792 AC.	92 AC. PARCEL ID: PART OF B0157 00802		00802	
DEVELOPER: BLUE SKY COMMUNITIES, INC. 177 CRESENT DR. COLLIERVILLE,		ENGINEER: EFI GLOBAL				
100-YEAR FLOOD ELEV: 269-273 FEMA MAP PANEL: 47157C0304G MAP DATE: 02/06/2013			2013			
DECEMBER 30, 2024	ECEMBER 30, 2024 SCALE: 1" = 50' SHEET 1 OF 2			2		

CERTIFICATE OF ADEQUACY OF STORM DRAINAGE
I,, DO HEREBY CERTIFY THAT I AM A REGISTERED PROFESSIONAL CIVIL ENGINEER, AND THAT I HAVE DESIGNED ALL STORM WATER DRAINAGE FOR TO ASSURE THAT NEITHER THE SAID SUBDIVISION NOR ADJOINING PROPERTY WILL BE DAMAGED OR THE CHARACTER OF LAND USE AFFECTED BY THE VELOCITY AND VOLUME OF WATER ENTERING OR LEAVING SAME.
IN WITNESS WHEREOF, I, THE SAID, PROFESSIONAL CIVIL ENGINEER, HEREUNTO SET MY HAND AND AFFIX MY SEAL THIS DAY OF
PROFESSIONAL CIVIL ENGINEER TENNESSEE CERTIFICATE NUMBER 111626
CERTIFICATE OF SUREY
I,
[SURVEYOR] TENNESSEE CERTIFICATE NUMBER
BOARD OF MAYOR AND ALDERMAN CERTIFICATE
I,, DO HEREBY CERTIFY THAT ALL REQUIRED IMPROVEMENTS HAVE BEEN INSTALLED, OR THAT A PERFORMANCE BOND OR OTHER COLLATERAL IN SUFFICIENT AMOUNT TO ASSURE COMPLETION OF ALL REQUIRED IMPROVEMENTS HAS BEEN POSTED FOR THE SUBDIVISION SHOWN ON THIS PLAT, AND HEREBY APPROVED BY THE CITY OF BARTLETT, TENNESSEE.
MAYOR, CITY OF BARTLETT DATE
PLANNING COMMISSION CERTIFICATE I,, DO HEREBY CERTIFY THAT THE CITY OF BARTLETT PLANNING COMMISSION HAS APPROVED THIS PLAT OF SUBDIVISION FOR RECORDING.
NEGO DINO.

SECRETARY, BARTLETT PLANNING COMMISSION

DATE

OWNERS CERTIFICATE

WE, THE UNDERSIGNED, ______, OWNERS OF THE PROPERTY SHOWN HEREON, HEREBY ADOPT THIS PLAT AS OUR PLAN OF DEVELOPMENT AND DEDICATE THE STREETS, RIGHTS-OF-WAY, AND GRANT THE EASEMENTS AS SHOWN AND/OR DESCRIBED TO THE PUBLIC USE FOREVER. WE CERTIFY THAT WE ARE THE OWNERS OF SAID PROPERTY IN FEE SIMPLE, DULY AUTHORIZED SO TO ACT; AND THAT SAID PROPERTY IS NOT ENCUMBERED BY ANY TAXES WHICH HAVE BECOME DUE AND PAYABLE.

SIGNATURE

DATE

SIGNATURE	DATE
NOTARY CERTIFICATE	
STATE OF COUNTY OF	
COUNTY, DULY COMMISSIONED A	A NOTARY PUBLIC IN AND FOR SAID STATE AND ND QUALIFIED, PERSONALLY APPEARED H WHOM I AM PERSONALLY ACQUAINTED AND
NHO UPON HIS OATH ACKNOWLE	DGED HIMSELF TO BE
WITHIN NAMED BARGAINER, AND NSTRUMENT FOR THE PURPOSE	, OWNER OF THE PROPERTY, THE THAT HE EXECUTED THE FOREGOING THEREIN CONTAINED.
N WITNESS WHEREOF, I HAVE HE NOTARIAL SEAL AT MY OFFICE IN	REUNTO SET MY HAND AND AFFIXED MY, WITNESS MY DAY OF,
HAND AND NOTARIAL SEAL THIS _ 20	, DAY OF,
LOTA DV DUDU IO	
NOTARY PUBLIC	
MY COMMISSION EXPIRES	

MORTGAGEE CERTIFICATE

WE, _____, THE UNDERSIGNED MORTGAGEE OF THE PROPERTY SHOWN HEREON, HEREBY CONSENT AND AGREE TO THE PLAN OF DEVELOPMENT AS SUBMITTED BY ______, OWNER(S) OF THE PROPERTY.

DATE

SIGNATURE	DATE

NOTARY CERTIFICATE

SIGNATURE

STATE OF _____

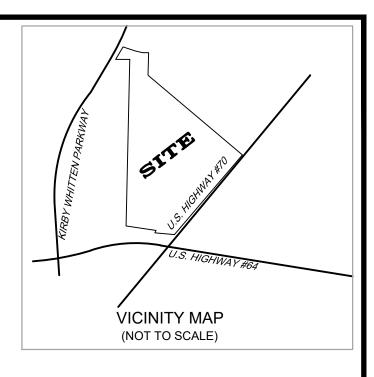
BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC IN AND FOR SAID STATE AND COUNTY, DULY COMMISSIONED AND QUALIFIED, PERSONALLY APPEARED
_______, WITH WHOM I AM PERSONALLY ACQUAINTED AND WHO, UPON OATH, ACKNOWLEDGED HIMSELF/HERSELF TO BE

MORTGAGEE OF THE PROJECT NAMED HEREON, AND HE/SHE AS SUCH REPRESENTATIVE EXECUTED THE FOREGOING INSTRUMENT FOR THE PURPOSE THEREIN CONTAINED BY SIGNING HIS/HER NAME AS REPRESENTATIVE OF THE MORTGAGEE.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY NOTARIAL SEAL AT MY OFFICE IN ______, THIS _____, DAY OF ______, 20____.

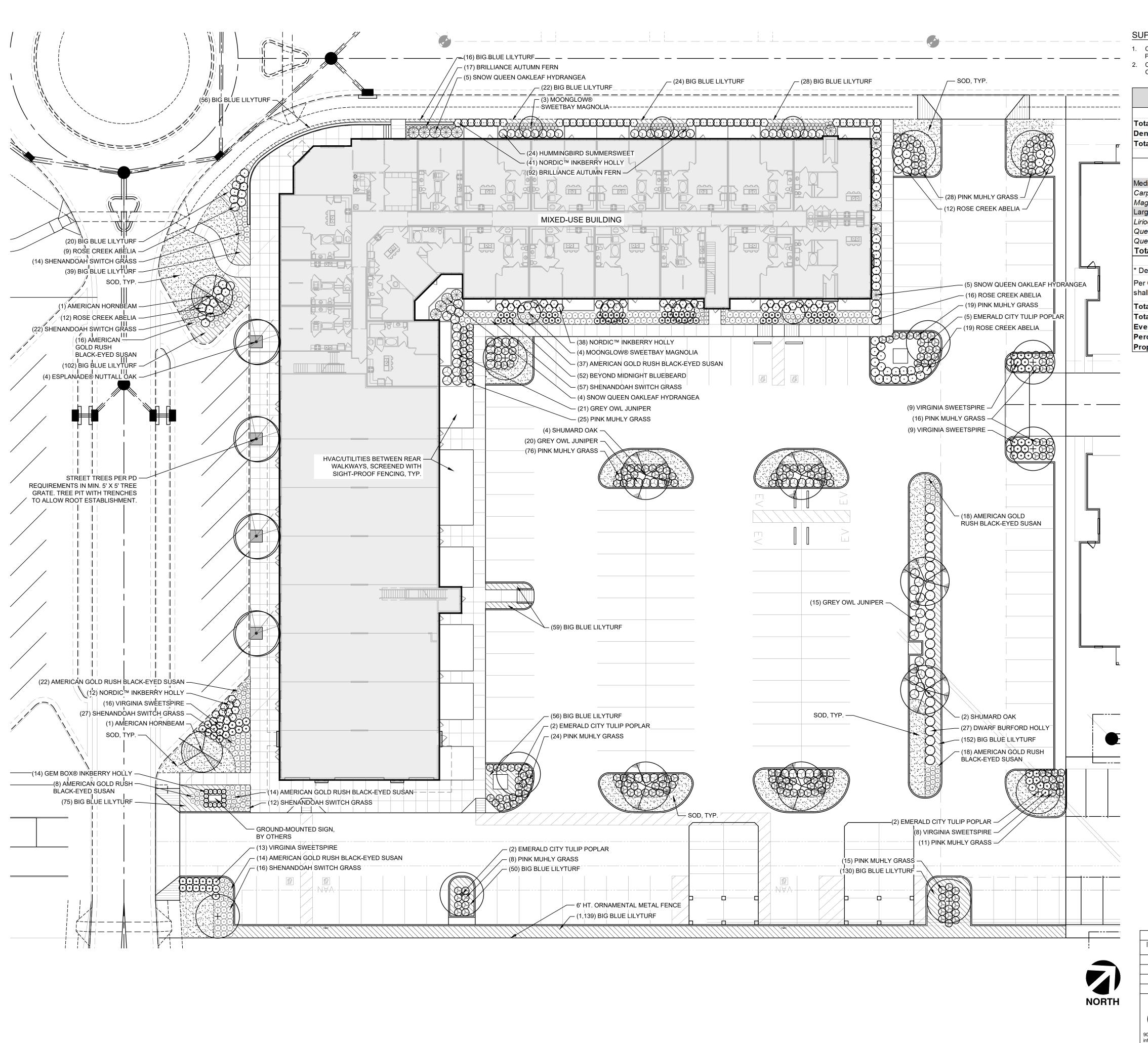
NOTARY PUBLIC _____

MY COMMISSION EXPIRES _____





PRELIMINARY PLAT - PHASE 3 UNION DEPOT PD CASE NUMBER: FORMER CASE NO: BARTLETT, TN NUMBER OF LOTS: 1 LOT ACREAGE: 2.792 AC. PARCEL ID: PART OF B0157 00802 DEVELOPER: BLUE SKY COMMUNITIES, INC. ENGINEER: EFI GLOBAL 177 CRESENT DR. COLLIERVILLE, TN FEMA MAP PANEL: 47157C0304G MAP DATE: 02/06/2013 100-YEAR FLOOD ELEV: 269-273 **DECEMBER 30, 2024** SHEET 2 OF 2 SCALE: NTS



SUPPLEMENTAL PLANTING NOTES (SEE SHEET L2.0 FOR GENERAL PLANTING NOTES)

- 1. CONTRACTOR TO VERIFY UTILITY LOCATIONS IN FIELD AND MAKE ADJUSTMENTS TO PLANT LOCATIONS TO
- PROVIDE 3' CLEAR ZONE AT ALL EMERGENCY EQUIPMENT CONNECTIONS.
- CONTRACTOR TO FIELD ADJUST PLANT MATERIAL TO LIMIT CONFLICTS WITH ALL DRAINAGE STRUCTURES AND OTHER UTILITIES. COORDINATE WITH LANDSCAPE ARCHITECT IF SIGNIFICANT RELOCATIONS ARE REQUIRED.

Tree	Requirem	ent Calculations	
Per City of Bart	tlett Tree ai	nd Landscaping Ordinan	ce
Total Site Area (Acres)	2.79		
Density Units Required Per Acre	20		
Total Density Units Required	55.8		
Proposed Tree	Quantity	Density Units (DUs) / Tree	Density Units (Dus) /
Medium Density			
Carpinus caroliniana	2	2.5	5
<i>Magnolia virginiana</i> 'Jim Wilson'* Large Density	7	2.5	17.5
Liriodendron tulipifera 'JFS-Oz'	11	2.5	27.5
Quercus nuttallii 'QNSTC'	4	2.5	10
Quercus shumardii	6	2.5	15
Total Density Units Provided			75
* Denotes Evergreen Tree			
Per City of Bartlett Tree and Landsca shall be evergreen.	aping Ordir	nance, a minimum of 209	% of all tree plantings
Total Number of Proposed Trees	30		
Total Number of Proposed Evergreen Trees	7		
Percentage Evergreen Trees	23%		



NOT FOR CONSTRUCTION

UNION DEPOT P.D. PHASE 3

DEVELOPER: UNION DEPOT, LLC

LANDSCAPE ARCHITECT: DT DESIGN STUDIO

CITY OF BARTLETT DIVISION OF ENGINEERING

LANDSCAPE PLAN

LOCATION: SUMMER AVENUE

BARTLETT, TENNESSEE

SURVEY _____ DATE ____ BOOK ____

DESIGN BY: __DT DESIGN STUDIO DATE _____ O1.02.25 SCALE _AS NOTED _____

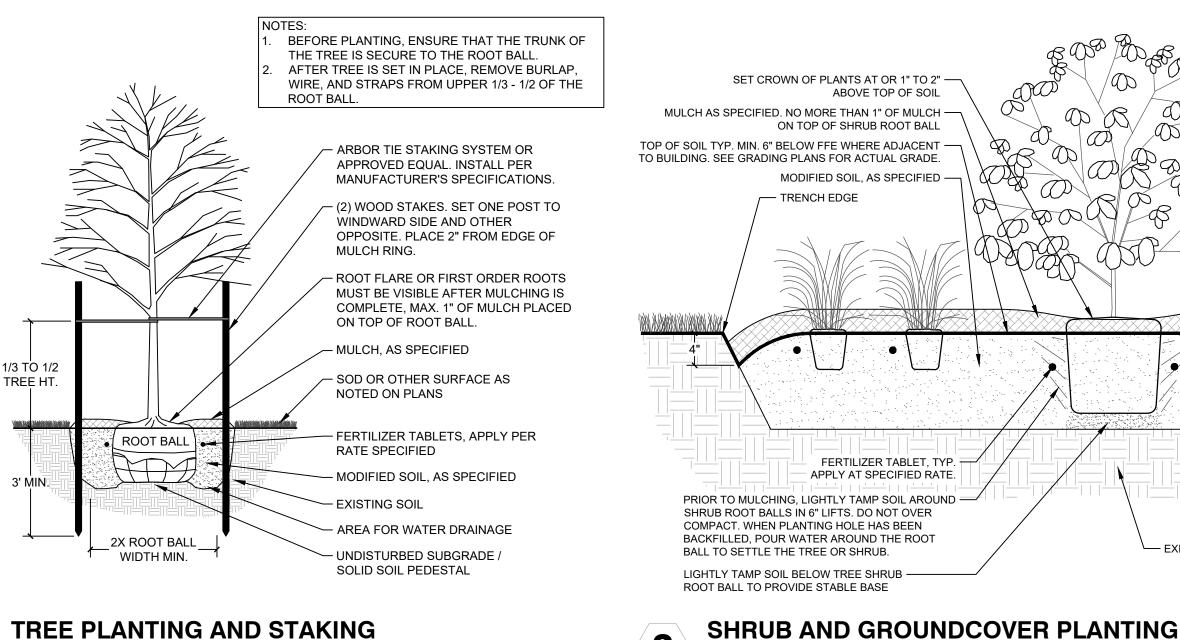
REVIEWED

DEPUTY CITY ENGINEER DATE CITY ENGINEER

SCALE 1" = 20'

SHEET 1 of 1

DATE



SOD -FINISH GRADE SOIL AND ROOT LAYER -[△] HARDSCAPE 4" TOPSOIL — 6" TILLED SOIL -- HARDSCAPE BASE **EXISTING SOIL**

GENERAL CONTRACTOR TO PROVIDE GRADES TO WITHIN TWO TENTHS OF A FOOT FOR PROPOSED GRADES.

- . TILL SOIL TO A DEPTH OF 6". . FINE GRADE AS REQUIRED TO REACH FINISH GRADE SHOWN IN GRADING PLANS. . APPLY LIME AND FERTILIZER AS SPECIFIED.
- . APPLY PRE-EMERGENT HERBICIDE PER MANUFACTURER'S RECOMMENDATION.
- . LAY SOD & ROLL LEVEL. . WATER ENTIRE AREA THOROUGHLY.
- . INSTALL SOD SO THAT THE TOP OF SOIL AND ROOT LAYER IS LEVEL WITH TOP OF PAVEMENT

— EXISTING SOIL

MULCH DEPTH SHALL TRANSITION TO TYPICAL DEPTH

SPECIFIED WITHIN 25% OF THE TOTAL DISTANCE FROM

PLANTING AREA. FOR INSTANCE IF DISTANCE FROM

WALKWAY TO LOW POINT OF PLANTING BED IS 10',

2 1/2' FROM THE EDGE OF WALKWAY.

ADJACENT SURFACE BEING DRAINED TO LOW POINT OF

MULCH SHOULD REACH THE TYPICAL DEPTH SPECIFIED

TREE PLANTING AND STAKING

NOT TO SCALE

TOP OF SOIL TYPICALLY 6" BELOW FFE WHERE — ATRIUM GRATE USED AT ALL INLETS IN PLANT BEDS UNLESS OTHERWISE SPECIFIED. INLET SET AT HEIGHT ADJACENT TO BUILDINGS. TO ALLOW SPECIFIED TYP. MULCH DEPTH BETWEEN GRATE AND TOP OF SOIL - MULCH AS SPECIFIED. NO MORE THAN 1" OF MULCH TO TOP OF TREE OR SHRUB ROOT BALL. - CROWN OF PLANTS AT SOIL LEVEL OR 1" TO 2" ABOVE TOP OF MULCH IS FINISH GRADE. ALIGN TOP OF MULCH WITH TOP - MODIFIED SOIL AS SPECIFIED OF ADJACENT SURFACE. WATER SHOULD DRAIN FREELY TO TRANSITION TO TYPICAL MULCH PLANTING AREA. THICKNESS SPECIFIED SURFACE BEING DRAINED TO PLANTING AREA ■ MIN. 2% SLOPE MIN. 2% SLOPE ——► TOP OF SOIL 1" - 2" **BELOW LOW EDGE OF** ADJACENT SURFACE **EXISTING SOIL** PRIOR TO MULCHING, LIGHTLY TAMP SOIL AROUND

TREE AND SHRUB ROOT BALLS IN 6" LIFTS.

- LIGHTLY TAMP SOIL BELOW TREE OR SHRUB

ROOT BALL TO PROVIDE STABLE BASE

DO NOT OVER COMPACT. WHEN PLANTING HOLE

HAS BEEN BACKFILLED, POUR WATER AROUND

THE ROOT BALL TO SETTLE THE TREE OR SHRUB.

NOT TO SCALE

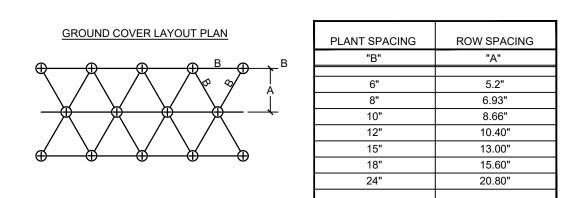
FINISH GRADE -MULCH AS SPECIFIED -CROWN PARKING ISLAND TO -PROMOTE POSITIVE DRAINAGE **→** 2% - 5% SLOPE PARKING LOT SURFACE - MODIFIED SOIL AS SPECIFIED - LOOSEN IMPERVIOUS SUBGRADE

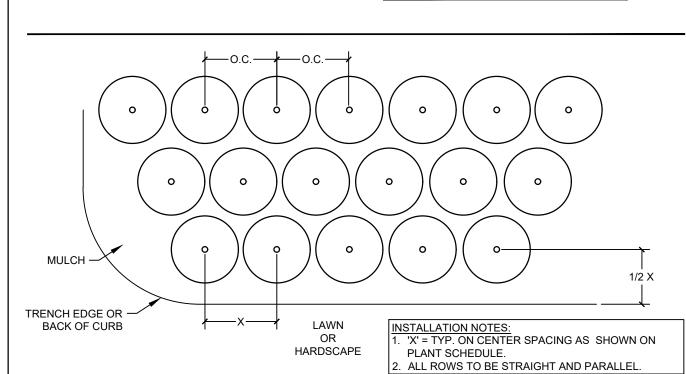
THIS DETAIL APPLIES TO PLANTING ISLANDS DRAINING OUT TO PARKING LOTS. IT DOES NOT APPLY TO PLANTING ISLANDS WITH INTERNAL DRAINAGE SYSTEMS.

ARKING LOT ISLAND DETAIL

PLANTING BED WITH DRAINAGE STRUCTURE

NOT TO SCALE





TYP PLANT MASS & GROUND COVER SPACING 6

PLANT SCHEDULE BOTANICAL NAME COMMON NAME COMMENTS American Hornbeam Well branched, full head Carpinus caroliniana iriodendron tulipifera 'JFS-Oz' TM Emerald City Tulip Poplar 2.5" Cal. Jniform branching, dominant leader 6`-8` HT B&B Moonglow® Sweetbay Magnoli 3 canes min. @ 1" cal. each, No crossing leaders Magnolia virginiana `Jim Wilson` Quercus nuttallii 'QNSTC Uniform branching, dominant leader Esplanade® Nuttall Oak 2.5" Cal. B&B Uniform branching, dominant leader Shumard Oak Quercus shumardii **BOTANICAL NAME** COMMON NAME CONTAINER UNIT COMMENTS <u>SHRUBŞ AND GRASSES</u> Full plant, free of weeds Rose Creek Abelia Caryopteris x clandonensis 'CT-9-12' TM Beyond Midnight Bluebeard 18" Ht. Full plant, free of weeds 24" Ht. Hummingbird Summersweet Clethra alnifolia 'Hummingbird' Full plant, free of weeds Hydrangea quercifolia 'Flemygea 36" Ht. Pot Snow Queen Oakleaf Hydrangea Full plant, free of weeds Ilex cornuta 'Burfordii Nana' Dwarf Burford Holly Full plant, free of weeds Nordic™ Inkberry Holly Full plant, free of weeds llex glabra 'Chamzin' llex glabra 'SMNIGAB17 Full plant, free of weeds Gem Box® Inkberry Holly 12" Ht. Itea virginica `Little Henry` TM 18" Ht. Pot Full plant, free of weeds Virginia Sweetspire Juniperus x 'Grey Owl' Grev Owl Juniper Full plant, free of weeds Muhlenbergia capillaris Pink Muhly Grass Full plant, free of weeds Panicum virgatum 'Shenandoah Shenandoah Switch Grass Full plant, free of weeds PERENNIALS Dryopteris erythrosora 'Brilliance Full plant, free of weeds Rudbeckia x 'American Gold Rush' American Gold Rush Black-Eyed Susan Full plant, free of weeds BOTANICAL NAME COMMENTS SPACING COMMON NAME <u>GROUND COVERS</u> Big Blue Lilyturf Fill Area 15" o.c. Cynodon dactylon 'Tif 419' Tif 419 Bermudagrass Fill Area Fill area, square footage for reference only

GENERAL PLANTING NOTES

- 1. CONTRACTOR TO CAREFULLY EXAMINE THE CONTRACT DOCUMENTS AND EXISTING CONDITIONS BEFORE SUBMITTING BID PROPOSAL OR COMMENCING WORK
- CONTRACTOR'S BASE BID TO INCLUDE ALL MATERIALS, BED PREP, LABOR, PERMITS, EQUIPMENT, TOOLS, INSURANCE, ETC. TO PERFORM THE WORK AS DESCRIBED IN THE CONTRACT DOCUMENTS.
- 3. PLANT QUANTITIES SHOWN ARE FOR CONTRACTOR CONVENIENCE, CONTRACTOR SHALL VERIFY BEFORE SUBMITTING BID PROPOSAL THAT QUANTITIES SHOWN WILL ADEQUATELY FULFILL THE DESIGN INTENT AND SHALL VERIFY PRIOR TO PLACEMENT THAT QUANTITIES ARE ADEQUATE. CONTRACTOR SHALL NOTIFY OWNER OR OWNER'S REPRESENTATIVE OF ANY DISCREPANCIES.
- 4. DAMAGE TO EXISTING UTILITIES OR SITE IMPROVEMENTS CAUSED BY THE CONTRACTOR ARE THE FULL RESPONSIBILITY OF THE CONTRACTOR, AND SHALL BE REPAIRED OR REPLACED AT CONTRACTOR'S COST, SUBJECT TO OWNER'S APPROVAL. CONTRACTOR TO LOCATE UNDERGROUND UTILITIES WITH FLAGS/MARKINGS PRIOR TO EXCAVATING.
- 5. REQUIREMENTS FOR DEFINITIONS, GRADING TOLERANCES, BALLING AND BURLAPPING, CONTAINER GROWN PLANTS. ETC. SHALL BE IN ACCORDANCE WITH THE "USA STANDARD FOR NURSERY STOCK." ANSI Z60.1. LATEST EDITION, AND ANSI Z133.1. LATEST EDITION, ADOPTED BY THE AMERICAN ASSOCIATION OF NURSERYMEN, INC. PLANTS SHALL BE MEASURED BEFORE PRUNING WITH BRANCHES IN NORMAL POSITION, AND ANY NECESSARY PRUNING SHALL BE DONE AT TIME OF PLANTING. WHERE PLANT SIZES ARE GIVEN IN A RANGE, THE PLANTS PROVIDED SHALL AVERAGE THE MEDIAN OF THE
- 6. UNLESS SPECIFICALLY NOTED OTHERWISE, ALL PLANTS SHALL BE OF SPECIMEN QUALITY, EXCEPTIONALLY HEAVY, SYMMETRICAL, THICKLY BRANCHED, SO TRAINED OR TREATED IN THEIR DEVELOPMENT AND APPEARANCE AS TO BE UNQUESTIONABLY OF FIRST QUALITY IN FORM, BRANCH, STRUCTURE, BUDS, FRUIT, COMPACTNESS, AND SYMMETRY. ANY TREE HAVING A WEAK, THIN TRUNK, NOT CAPABLE OF SUPPORTING ITSELF WHEN PLANTED IN THE OPEN, WILL NOT BE ACCEPTED. INFERIOR PLANT MATERIAL TO BE REJECTED.
- 7. ALL PLANTS SHALL COMPLY WITH FEDERAL AND STATE LAWS AND REGULATIONS REQUIRING INSPECTION FOR PLANT DISEASES, PEST, AND WEEDS. CERTIFICATES OF INSPECTION SHALL ACCOMPANY THE INVOICE FOR EACH SHIPMENT OF PLANTS AS REQUIRED BY LAW.
- 8. ALL PLANTS SHALL BE TRUE TO NAME AS ORDERED OR SHOWN ON THE PLANTING PLANS AND SHALL BE LABELED INDIVIDUALLY OR IN GROUPS BY SPECIES AND CULTIVAR. SUBSTITUTIONS WILL ONLY BE PERMITTED UPON SUBMISSION OF PROOF THAT A PARTICULAR VARIETY OF PLANT IS NOT OBTAINABLE AND UPON AUTHORIZATION BY THE OWNER OR OWNER'S REPRESENTATIVE. SUBSTITUTIONS SHALL BE OF THE NEAREST EQUIVALENT OBTAINABLE SIZE, AND OF SIMILAR CHARACTERISTICS, WITH AN EQUITABLE ADJUSTMENT OF CONTRACT SUM.
- 9. ALL PLANTS SHALL BE GUARANTEED TO LIVE FOR 12 MONTHS. THE GUARANTEE PERIOD SHALL BEGIN AT THE TIME OF WRITTEN APPROVAL OF ACCEPTANCE BY THE OWNER OF (A) THE LANDSCAPE AND (B) THE RESPONSIBILITY OF MAINTAINING THE LANDSCAPE. IF PLANTS ARE FOUND TO BE DEAD, DYING, OR OF POOR APPEARANCE AT ANY TIME DURING THIS PERIOD, THEY SHALL BE REPLACED AT NO ADDITIONAL COST.
- 10. ALL PLANTS THAT HAVE BEEN FOUND TO BE DEAD, DYING, OR OF POOR APPEARANCE SHALL BE IMMEDIATELY REMOVED AND THE OWNER NOTIFIED. REPLACEMENT OF TREES AND LARGE SHRUBS SHALL BE MADE AT THE BEGINNING OF THE NEXT PLANTING SEASON. REPLACEMENT OF SMALL SHRUBS AND GROUND COVERS SHALL BE MADE WITHIN 30 DAYS FOLLOWING THE INSPECTION OF THAT DETERMINED THE REQUIRED REPLACEMENT. THE OWNER SHALL BE NOTIFIED PRIOR TO ALL REPLACEMENT WORK.
- 11. ANY PLANT THAT DIES, HAS AN UNHEALTHY CONDITION, OR POOR APPEARANCE PRIOR TO OWNER ACCEPTANCE SHALL BE REPLACED. THIS REPLACEMENT SHALL NOT BE CONSIDERED AS A GUARANTEE REPLACEMENT. ALL REPLACEMENTS SHALL BE MADE WITH PLANTS OF THE SAME KIND, AND IN THE SAME MANNER AS SPECIFIED FOR THE ORIGINAL PLANTING, AT NO ADDITIONAL COST TO THE OWNER.
- 12. ALL TREES ARE TO BE STAKED, UNLESS SPECIFICALLY DIRECTED BY THE OWNER OR OWNER'S REPRESENTATIVE, BRACING SHALL UTILIZE A STANDARD FLAT, WOVEN POLYPROPYLENE: 900-LB, BREAK STRENGTH SUCH AS "ARBOR TIE." OR APPROVED EQUAL. STAKE OR GUY NEW OR TRANSPLANTED TREE WITH THREE STAKES, 2" X 8' HARDWOOD. ALL STAKING MATERIAL SHALL BE REMOVED BY THE CONTRACTOR AT THE END OF THE WARRANTY PERIOD.
- 13. CONTRACTOR TO PROVIDE INTERIM MAINTENANCE (WATERING, PRUNING, FERTILIZING, GUYING, MOWING, TRIMMING, ADEQUATE DRAINAGE OF PONDING AREAS, EDGING, WEEDING, MULCHING, APPLICATION OF INSECTICIDES/HERBICIDES, AND GENERAL LANDSCAPE CLEANUP) UNTIL WRITTEN NOTICE OF ACCEPTANCE BY OWNER, CONTRACTOR SHALL PERFORM WORK IN COMPLIANCE WITH ALL APPLICABLE LAWS, CODES, AND REGULATIONS REQUIRED BY AUTHORITIES HAVING JURISDICTION OVER SUCH WORK AND PROVIDE FOR PERMITS REQUIRED BY LOCAL AUTHORITIES.
- 14. SIDEWALKS, ROADS, AND OTHER PAVEMENT ADJACENT TO PLANTING OPERATION SHALL BE KEPT CLEAN AND FREE OF OBSTRUCTIONS.
- 15. INSOFAR AS PRACTICABLE, PLANT MATERIAL SHALL BE PLANTED THE DAY OF DELIVERY. IN THE EVENT THIS IS NOT POSSIBLE, THE PLANTING CONTRACTOR SHALL PROTECT THE STOCK NOT PLANTED. PLANTS SHALL BE PROTECTED AT ALL TIMES FROM SUN OR DRYING WINDS. PLANTS THAT CANNOT BE PLANTED IMMEDIATELY ON DELIVERY SHALL BE KEPT IN THE SHADE. WITH THE ROOT MASS WELL PROTECTED AND KEPT WELL-WATERED. PLANTS SHALL NOT REMAIN UNPLANTED FOR LONGER THAN THREE DAYS AFTER DELIVERY TO THE SITE.
- 16. UPON INSPECTION OF ALL TREES, THE FOLLOWING CHARACTERISTICS SHALL BE FOUND.
- CROWN FORM: THE FORM OR SHAPE OF THE CROWN IS TYPICAL FOR A YOUNG SPECIMEN OF THE SPECIES/CULTIVAR. THE CROWN IS NOT SIGNIFICANTLY DAMAGED BY WIND, PRUNING PRACTICES, PESTS OR OTHER FACTORS.

LEAVES: THE SIZE, COLOR AND APPEARANCE OF LEAVES ARE TYPICAL FOR THE TIME OF YEAR AND

- STAGE OF GROWTH OF THE SPECIES/CULTIVAR. LEAVES ARE NOT STUNTED, MISSHAPEN, TATTERED, DISCOLORED (CHLOROTIC OR NECROTIC) OR OTHERWISE ATYPICAL. BRANCHES: SHOOT GROWTH (LENGTH AND DIAMETER) THROUGHOUT THE CROWN IS TYPICAL
- FOR THE AGE/SIZE OF THE SPECIES/CULTIVAR. TREES DO NOT HAVE DEAD, DISEASED, BROKEN, DISTORTED OR OTHER SERIOUS BRANCH INJURIES.
- TRUNK: THE TREE TRUNK SHOULD BE STRAIGHT, VERTICAL AND FREE OF WOUNDS (EXCEPT PROPERLY MADE PRUNING CUTS), SUNBURNED AREAS, CONKS (FUNGAL FRUITING BODIES), WOOD CRACKS, BLEEDING AREAS, SIGNS OF BORING INSECTS, GALLS, CANKERS/LESIONS AND
- ROOTS: THE ROOT SYSTEM IS FREE OF INJURY FROM BIOTIC (INSECTS, PATHOGENS, ETC.) AND ABIOTIC AGENTS (HERBICIDE TOXICITY, SALT INJURY, EXCESS IRRIGATION, ETC.) ROOT DISTRIBUTION IS UNIFORM THROUGHOUT THE SOIL MIX OR GROWTH MEDIA AND GROWTH IS TYPICAL FOR THE SPECIES/CULTIVAR. THE TRUNK, ROOT COLLAR (ROOT CROWN), AND LARGE ROOTS SHALL BE FREE OF CIRCLING AND/OR KINKED ROOTS. SOIL REMOVAL NEAR THE ROOT COLLAR MAY BE NECESSARY TO INSPECT FOR CIRCLING AND/OR KINKED ROOTS. THE TREE SHALL BE WELL-ROOTED IN THE SOIL MIX. WHEN THE CONTAINER IS REMOVED. THE ROOT BALL SHALL REMAIN INTACT. WHEN THE TRUNK IS CAREFULLY LIFTED, BOTH THE TRUNK AND ROOT SYSTEM SHALL MOVE AS ONE. THE UPPER-MOST ROOTS OR ROOT COLLAR SHALL BE WITHIN 1" (ONE INCH) ABOVE OR BELOW THE SOIL SURFACE.
- CENTRAL LEADER: TREES SHALL HAVE A SINGLE, RELATIVELY STRAIGHT CENTRAL LEADER AND TAPERED TRUNK, FREE OF CODOMINANT STEMS AND VIGOROUS, UPRIGHT BRANCHES THAT COMPETE WITH THE CENTRAL LEADER.

THE OWNER OR OWNER'S REPRESENTATIVE WITHOUT ANY ADDITIONAL COST TO THE OWNER.

MAIN BRANCHES (SCAFFOLDS): BRANCHES SHOULD BE DISTRIBUTED RADIALLY AROUND AND VERTICALLY ALONG THE TRUNK, FORMING A GENERALLY SYMMETRICAL CROWN TYPICAL FOR THE

- 17. TREES SHALL BE INSTALLED 3" ABOVE FINISH GRADE IN HARDPAN AREAS UNLESS OTHERWISE DIRECTED TO PROVIDE DRAINAGE.
- THE CONTRACTOR SHALL CONDUCT PERCOLATION TESTS IN ALL PLANT BEDS TO DETERMINE THE PRESENCE OF UNFAVORABLE DRAINAGE CONDITIONS. THE RESULTS AND LOCATION OF THE TESTS SHALL BE SUBMITTED IN WRITTEN FORM TO THE OWNER OR OWNER'S REPRESENTATIVE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADEQUATE DRAINAGE FOR ALL PLANTS. UNDER NO CIRCUMSTANCES SHALL PLANTING COMMENCE UNTIL INADEQUATE DRAINAGE CONDITIONS HAVE
- 19. PRE-EMERGENT HERBICIDE TO BE APPLIED TO ALL PLANTING BEDS AND TREE RINGS FOR WEED CONTROL PRIOR TO PLANTING. PRE-EMERGENT HERBICIDE SHALL BE "EPTAM," GRANULAR FORM, AS
- 20. ANY SERIES OF TREES, SHRUBS, GROUNDCOVERS, AND SEASONAL COLOR TO BE PLACED IN A PARTICULAR ARRANGEMENT SHALL BE EVENLY SPACED IN STRAIGHT ROWS.
- 21. LOCATIONS FOR PLANTS AND OUTLINES OF AREAS TO BE PLANTED SHALL BE STAKED ON THE GROUND OR CONTAINER-GROWN PLANTS ARE TO BE STAGED IN PROPOSED PLANTING LOCATIONS BEFORE ANY EXCAVATION IS MADE, FOR OWNER OR OWNER'S REPRESENTATIVE'S APPROVAL.

MANUFACTURED BY THE "STOUFFER CHEMICAL COMPANY," RONSTAR "G," TREFLAN GRANULAR, OR

- 22. CONTRACTOR IS RESPONSIBLE FOR ADJUSTMENT OF LAYOUT IN ORDER TO AVOID UTILITIES AND SHALL NOTIFY OWNER OR OWNER'S REPRESENTATIVE OF CONTEMPLATED ADJUSTMENTS TO THE LAYOUT AND RECEIVE APPROVAL BEFORE COMMENCING.
- 23. THE SUBSURFACE SOIL SHALL BE TILLED TO A DEPTH OF 12" PRIOR TO MODIFICATION OF SOILS IN PLANT BEDS.

24. MODIFIED SOIL

APPROVED EQUAL.

- TOPSOIL SHALL BE UTILIZED TO BACKFILL ALL PLANTING AREAS TO FINAL GRADE. THE TOPSOIL SHALL BE THOROUGHLY MIXED WITH THE SUBSURFACE SOIL TO A MINIMUM DEPTH OF 8-10" BELOW FINISHED GRADE. THE PREPARED PLANT BED SHALL HAVE SOIL THOROUGHLY MIXED WITH PEAT MOSS TO PRODUCE A UNIFORM SOIL COMPOSED OF 25% PEAT BY VOLUME, FREE OF
- TOPSOIL SHALL BE CLASSIFIABLE AS A LOAM, SILT LOAM, SILTY CLAY LOAM, OR CLAY LOAM, AS DETERMINED FROM THE U. S. DEPARTMENT OF AGRICULTURE TRIANGULAR SOIL CHART. THE TOPSOIL SHALL HAVE A PH RANGE OF 5.0 TO 7.0 WHEN TESTED IN ACCORDANCE WITH THE CURRENT METHODS OF TESTING OF THE ASSOCIATION OF OFFICIAL AGRICULTURAL CHEMISTS AND SHALL BE FREE OF EXCESSIVE SOLUBLE SALTS AT THE TIME OF LISE IT SHALL CONTAIN A NORMAL AMOUNT (5-8%) OF DECOMPOSED ORGANIC MATTER. AS DETERMINED BY THE WET-COMBUSTION METHOD (CHROMIC ACID REDUCTION) TEST. THE TOPSOIL SHALL BE FREE FROM SUBSOIL, STUMPS, ROOTS, CLODS, CLAY, HARDPAN, MULCH, MARL, SHELL, STONES, SEEDS, STICKS, BRUSH, WEEDS, BUILDING MATERIALS, OR OTHER DEBRIS INCLUSIVE OF REFUSE, OR ANY MATERIAL TOXIC TO PLANT GROWTH. CONTRACTOR TO SUBMIT TOPSOIL COMPOSITION TO LANDSCAPE ARCHITECT FOR APPROVAL.
- AFTER PLANTING AREAS ARE MODIFIED AS DESCRIBED HEREIN, SOIL TESTS, UTILIZING THE DEPARTMENT OF AGRICULTURE EXTENSION SERVICE, SHALL BE MADE IN ALL PLANT BEDS TO DETERMINE ANY ADDITIONAL CORRECTIVE MEASURES REQUIRED FOR THE MAXIMUM CULTURE OF the plant material to be utilized. Tests shall be performed in individual plant beds and SHALL BE OF SUFFICIENT NUMBER TO CLEARLY IDENTIFY VARIATIONS IN SOIL CONDITIONS additional corrective measures recommended by the soil test shall be made until the SOIL COMPOSITION RECOMMENDED BY THE TESTING AGENCY IS REACHED. THE OWNER OR OWNER'S REPRESENTATIVE SHALL RECEIVE COPIES OF THE FINAL SOIL TEST REPORT AND RESERVES THE RIGHT TO REQUEST ADDITIONAL TESTING AS MAY BE REQUIRED.
- 25. PITS FOR TREES AND LARGE SHRUBS SHALL BE CIRCULAR IN OUTLINE AND SHALL HAVE VERTICAL SIDES AND FLAT BOTTOMS. THE MINIMUM DEPTH AND DIAMETER OF PLANT PITS SHALL BE AS FOLLOWS: DIAMETER - TWICE THE WIDTH OF THE ROOT BALL DIAMETER OR THE SPREAD OF ROOTS; DEPTH -MATCH DEPTH OF ROOT BALL. DEPTH OF PLANT PIT SHOULD ALLOW TOP OF ROOT BALL OR TOP OF ROOT MASS TO ALIGN AT OR SLIGHTLY ABOVE FINISH GRADE. THE PLANT SHALL REST ON EXISTING SOIL OR MODIFIED SOIL THAT HAS BEEN LIGHTLY TAMPED TO PROVIDE A STABLE BASE TO SUPPORT
- THAT THE FINISH GRADE LEVEL OF THE PLANT AFTER SETTLEMENT SHALL BE THE SAME AS THAT AT WHICH THE PLANT WAS GROWN, THEY SHALL BE PLANTED UPRIGHT AND FACED TO GIVE THE BEST APPEARANCE AND RELATIONSHIP TO ADJACENT SURROUNDINGS, PLATFORMS, WIRE, BURLAP, AND SURPLUS BINDINGS SHALL BE REMOVED FROM TOP OF BALLS. NO BURLAP OR WIRE SHALL BE REMOVED FROM SIDE OR BOTTOM OF BALLS. TURN UNDER AND BURY TOP 1/3 OF THE BURLAP WRAPPING AND WIRE, ALL BROKEN AND FRAYED ROOTS SHALL BE CUT OFF CLEANLY AND TREATED AS NECESSARY WITH APPROVED TREE PAINT. SCARIFY AND GENTLY LOOSEN ROOT MASS OF CONTAINER PLANTS BEFORE INSTALLING. WHEN THE HOLE OR BED IS FILLED TO 1/2 DEPTH, ADD WATER AS NECESSARY TO SETTLE BACKFILL AND ALLOW IT TO SOAK AWAY. PLACE THE RECOMMENDED NUMBER OF FERTILIZER TABLETS, AS SPECIFIED, AND COMPLETE THE BACKFILLING, COMPACT, AND WATER. ALLOWING ROOM TO INSTALL MULCH TO SPECIFIED THICKNESS. PLANTS THAT ARE EITHER IN BEDS, OR SURROUNDED BY PAVEMENT OR CURBING WILL NOT REQUIRE PLANTING SAUCERS. ALL OTHER PLANTS SHALL HAVE A SHALLOW SAUCER, 2" IN HEIGHT, BY PLACING A RIDGE OF TOPSOIL AROUND THE PIT EDGE. ALL PLANTS IN CONTAINERS SHALL HAVE THE CONTAINERS REMOVED PRIOR TO PLANTING.

26. ALL PLANTS SHALL BE CENTERED IN PITS, OR POSITIONED IN BEDS, ON PREPARED SOIL TO SUCH DEPTHS

FERTILIZER SHALL BE COMMERCIAL FERTILIZER PLANT FOOD TABLETS, 'AGRIFORM' AS MANUFACTURED BY THE SIERRA CHEMICAL COMPANY, OR APPROVED EQUAL. THE PLANTING TABLETS SHALL BE INCORPORATED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS AND AT THE **FOLLOWING RATES:**

28. FERTILIZER TABLET APPLICATION RATES

- SHRUBS 3, 5-GRAM TABLETS FOR EACH ONE FOOT OF HEIGHT OR SPREAD
- TREES 1, 21-GRAM TABLET FOR EACH 1/2 INCH OF CALIPER
- GROUNDCOVERS 2, 5-GRAM TABLETS
- PERENNIAL AND ANNUALS 1, 5-GRAM TABLET FOR EACH PLANT THE TABLETS SHALL BE PLACED EVENLY AROUND THEIR PERIMETER OF THE ROOT BALL, 2 INCHES
- 29. INSTALL A 48" MINIMUM DIAMETER CIRCULAR MULCH BED AROUND CANOPY TREES AND A 36"
- MINIMUM DIAMETER CIRCULAR MULCH BED AROUND UNDERSTORY AND EVERGREEN TREES IN LAWN AREAS UNLESS OTHERWISE SPECIFIED. ALL PLANTS SHALL BE MULCHED WITHIN TWO DAYS AFTER PLANTING BY COVERING ENTIRE PLANTING
- AREA WITH A 3" LAYER OF 100% ORGANIC DECOMPOSED SHREDDED HARDWOOD BARK UNLESS OTHERWISE NOTED. BARK SHALL BE FREE OF WEEDS, DISEASES, SEED SPURS, INSECTS AND OTHER FOREIGN MATTER. MULCH SHALL BE THOROUGHLY SOAKED WITH WATER TO PREVENT DISPLACEMENT
- EXCESS EXCAVATED SOIL SHALL BE DISPOSED OF BY THE CONTRACTOR OFF-SITE UNLESS DIRECTED OTHERWISE. UPON COMPLETION OF THE WORK, CONTRACTOR SHALL REMOVE ALL EQUIPMENT AND OTHER ARTICLES USED DURING CONSTRUCTION AND LEAVE THE SITE IN A CLEAN AND NEAT CONDITION, INCLUDING WALKS, PLANTER WALLS AND BUILDING FACADES.

SEEDING AND SODDING NOTES

NOT FOR CONSTRUCTION

- FOR ALL TURF LAWN AREAS, TOPSOIL SHALL BE USED TO REACH FINISH GRADE. CULTIVATE EXISTING SOIL TO A DEPTH OF 6" BELOW TOPSOIL LAYER. HAND RAKE TO PROVIDE EVEN CONTOURS. GENERAL CONTRACTOR TO PROVIDE GRADES WITHIN TO TWO-TENTHS (.20+) OF A FOOT OF PROPOSED FINISH GRADES.
- NOTIFY THE OWNER AT LEAST 48 HOURS IN ADVANCE OF THE TIME CONTRACTOR INTENDS TO BEGIN SODDING AND SHALL NOT PROCEED WITH SUCH WORK UNTIL PERMISSION TO DO SO HAS BEEN GRANTED BY THE OWNER. BEFORE STARTING THE GRASSING OPERATION ON ANY AREA, FINAL DRESSING SHALL HAVE BEEN
- INSOFAR AS IS PRACTICABLE, SOD SHALL BE LAID THE DAY OF DELIVERY. IN THE EVENT THAT THIS IS NOT POSSIBLE, THE PLANTING CONTRACTOR SHALL PROTECT THE SOD NOT LAID BY PLACING IT IN A SHADED AREA. SOD THAT CANNOT BE LAID IMMEDIATELY ON DELIVERY SHALL BE KEPT WELL-WATERED AND SHALL NOT REMAIN UNPLANTED FOR LONGER THAN 48 HOURS AFTER DELIVERY TO THE SITE, ANY SOD LEFT UNINSTALLED FOR A LONGER PERIOD IS SUBJECT TO REJECTION BY THE OWNER
- 4. PRIOR TO PLACING SOD, FERTILIZER AND LIMES SHALL BE APPLIED UNIFORMLY TO PREPARED SURFACE. AFTER PLACING THE SOD, IT SHALL BE THOROUGHLY WETTED AND ROLLED WITH APPROVED ROLLER/HAND TAMP. THREE WEEKS AFTER INSTALLATION, AMMONIUM NITRATE SHALL BE APPLIED TO NEWLY SODDED AREA AND THEN
- ALL AREAS TO BE SEEDED WITH GRASS SEED TO RECEIVE A MINIMUM OF 4" OF TOPSOIL. FINISH GRADE TOLERANCE OF 1". CONTRACTOR TO VERIFY THAT FINISH GRADE IS FREE OF STONES OR CLODS LARGER THAN 1-1/2" DIAMETER AND FREE OF TRASH. NOTIFY GENERAL CONTRACTOR IF THESE CONDITIONS ARE NOT PRESENT. SEED MIX SHALL BE COMMON BERMUDA AND SHALL BE SOWN BETWEEN MAY 1 AND JULY 31. SOW AT A RATE OF 50 LBS. P.L.S. (PURE LIVE SEED) PER ACRE. ALL SEED
- IF SEEDED AREAS DO NOT SHOW A UNIFORM OR HEALTHY STAND OF GRASS, WITH A 90 PERCENT OR GREATER COVERAGE AFTER 28 CALENDAR DAYS, RESEED AND/OR
- RE-FERTILIZE THOSE AREAS AS DIRECTED BY THE OWNER WITHOUT ANY ADDITIONAL COST TO THE OWNER IN ADDITION TO ANY REQUIREMENTS DESCRIBED ABOVE, AT TIME OF FINAL ACCEPTANCE, SEEDED AND SODDED AREAS SHALL SHOW A UNIFORM OR HEALTHY STAND OF

MIXTURES SHALL BE APPLIED BY HYDRO-SEEDING UNLESS OTHERWISE SPECIFIED. ALL DISTURBED AREAS NOT OTHERWISE LANDSCAPED, PAVED OR SODDED SHALL BE

GRASS, WITH A MINIMUM OF 90 PERCENT COVERAGE. AREAS NOT MEETING THIS REQUIREMENT SHALL BE RE-SEEDED OR RE-SODDED AND RE-FERTILIZED AS DIRECTED BY



UNION DEPOT P.D. PHASE 3

SHEET 1 of 1 CITY OF BARTLETT DIVISION OF ENGINEERING LANDSCAPE NOTE AND DETAILS LOCATION: SUMMER AVENUE

DATE DESIGN BY: <u>DT DESIGN STUDIO</u> DATE <u>01.02.25</u> SCALE AS NOTED REVIEWED

CITY ENGINEER

DEPUTY CITY ENGINEER DATE

DEVELOPER: UNION DEPOT, LLC LANDSCAPE ARCHITECT: DT DESIGN STUDIO

DATE