

February 17, 2017

ADDENDUM #2 8TH STREET ROAD IMPROVEMENT PROJECT CITY OF CHATTANOOGA CONTRACT # T-16-014-201

- Item #1. Clarification: Details #4, #5 & #6 on Sheet C-12 reflect the full-depth concrete pavement specifications to be encountered on the 8th Street project. These details provide the concrete thicknesses based upon the underlying pavement material encountered after milling/demolition activities have been completed. While field conditions may cause variations in the pavement thicknesses based upon the above reference details, for purposes of providing a lump sum amount for the concrete work, please use the following pavement recommendations:
 - Concrete Paving for On-Street Parking with Integral Coloring:
 - 5" thick concrete pavement including integral coloring & tooled joint scoring, complete-in-place, per City of Chattanooga City Code Section 32-287 as required and/or as specified.
 - Concrete Paving for Roadway with Integral Coloring:
 - 6" thick concrete pavement including integral coloring & tooled joint scoring, complete-in-place, per City of Chattanooga City Code Section 32-287 as required and/or as specified.
 - Concrete Paving for Intersections with Integral Coloring & Stamping:
 - 10" thick concrete pavement including integral coloring, stamping & tooled joint scoring, complete-in-place, per City of Chattanooga City Code Section 32-287 as required and/or as specified.
- Item #2. Clarification: The lump sum amount for storm drainage shall include the price of Polydrain trench drains and grates. There is also a unit price line item under the storm drainage section to include a price per linear foot for the Polydrain trench drain and grate system.
- Item #3. Clarification: The contractor shall be responsible for raising/lowering the encountered utility valve boxes/covers, manhole lids, access panels, meter boxes and/or other utility appurtenances within the project area as required to match the finished grade elevations reflected on the plans. The contractor will need to coordinate with the utility companies accordingly when adjusting said appurtenances.
- Item #4. Clarification: An electrical conduit plan for the supply to the proposed pedestrian lighting will be provided by EPB once the contract is awarded. Light pole foundations, electrical pull boxes and conduit shall adhere to City Standard Detail # SD-507.01. There shall also be a concrete collar around the electrical pull boxes to with color (if applicable) to match the color of the concrete and/or pavers surrounding the box per City Standard Detail # SD-501.03.
- Item #5. Clarification: A full-depth asphalt pavement section was reflected on Sheet C-13 as part of Addendum #1. Finished grade elevations and/or storm drainage installation may require full-depth paving. Limits of full-depth pavement shall be determined in the field by contractor and

- confirmed by the Engineer. Please see the enclosed revised bid schedule to reflect the revised unit price line item for full-depth pavement specification.
- Item #6. Clarification: While we do not anticipate encountering mass rock during this project, please provide a unit price per cubic yard for rock excavation as indicated under the Grading Section of the bid schedule in the event rock is encountered.
- Item #7. Clarification: Unsuitable soils (as determined by the Engineer) shall be removed and suitable soils imported shall be compacted in place as required. The lump sum amount shall not include these line items. Please provide unit pricing for both the removal of unsuitable soils and import of suitable soils in the appropriate section of the bid schedule. Please note, all other imported fill required for the project as shown shall be included as part of the grading lump sum amount.
- Item #8. Clarification: The contractor shall provide an allowance not to exceed \$35,000 for the purchase and proper installation of the proposed furnishing items identified on the Site Furnishings Plan as the City is working to provide appropriate specifications for all furnishing items. Once specified by CDOT, the contractor shall coordinate accordingly with CDOT regarding the purchase and installation of said furnishings.
- Item #9. Clarification: It is understood that the pavement thicknesses indicated on the contract documents may not all meet the City's standard concrete pavement thicknesses. Pavement thicknesses are reflective of the competent underlying material encountered after milling/demolition and are as specified by the geotechnical engineer. See also Item #1 this addendum
- Item #10. Clarification: There will be no pavement striping as part of the scope of this project.
- Item #11. Clarification: Contractors shall provide a lump sum cost for traffic controls necessary to perform the work as indicated on the contract documents. The awarded contractor shall coordinate with Rick Davis of the Chattanooga Department of Transportation to prepare a Traffic Control Plan to implement prior to beginning work.
- Item #12. Clarification: We are presently working to coordinate with the City of Chattanooga Dept. of Public Works to verify the scope of demolition services that will be provided by the City. The City's scope will be outlined in Addendum #3 to be issued.
- **Item #13.** Clarification: Per the specifications and contract documents, the electrical contractor involved in removing the existing traffic signal <u>shall be</u> Level 3 IMSH certified as required by the Chattanooga Department of Transportation.
- Item #14. Confirmation: City Council is anticipated to award the project at the 02/28/17 meeting.
- Item #15. Replace Bid Schedule (originally included in the Contract Documents & Specifications dated 01/13/17) with the enclosed revised Bid Schedule. Note the revisions consist of:

- Addition of Demolition/Removal lump sum item as indicated on page 00301-2.
- Addition of unit price line item to account for import of stone backfill to replace excavated unsuitable soils as indicated on page 00301-2.
- Amending unit price line item to specify the import of suitable soil material to replace excavated unsuitable soils as indicated on page 00301-2.
- Amending line item description for the Excavation of Unsuitable Soils as indicated on page 00301-2.
- Amending Temporary Traffic Control line item description as indicated on page 00301-2.
- Addition of unit price line item to account for the conversion of existing storm drainage structures to junction boxes as indicated on page 00301-3.
- Amending Standard Full-Depth Pavement Section line item description as indicated on page 00301-5.
- Amending Landscaping line item description as indicated on page 00301-5.
- **Item #16.** Replace Sheet C-11 Erosion Control Plan (Originally dated 01/13/17) with attached Sheet C-11 Erosion Control Plan (Revision #1 dated 02/16/17). Note the revisions consist of:
 - Reflecting erosion controls to be implemented along 8th Street.
- Item #17. Replace Sheet C-12 Site Details (Originally dated 01/13/17) with attached Sheet C-12 Site Details (Revision #2 dated 02/16/17). Note the revisions consist of:
 - Revising details #4, #5 & #6 to reflect the concrete pavement to be installed per City Code Section 32-287.
- Item #18. Replace Sheet C-13 Site Details (Originally dated 01/13/17) with attached Sheet C-13 Site Details (Revision #2 dated 02/16/17). Note the revisions consist of:
 - Amending Detail #9 to reflect the full-depth pavement section of 8/2.5/1.5 as indicated.
- Item #19. Replace Sheet L-1 Landscape Plan (Originally dated 01/13/17) with attached Sheet L-1 Landscape Plan (Revision #1 dated 02/16/17). Note the revisions consist of:
 - Adding ground-level plantings to the tree wells along 8th Street and the planter beds on the north/south portions of the 8th/Pine Street Intersection. (Note: Plantings along Pine Street portion shall be completed by the Pine Street contractor and shall not be included in pricing for 8th Street work).

Item #20. Add Sheet L-1.1 – Landscape Details (Dated 02/16/17) to the plan set.

Should you have any questions regarding this information, please submit the required RFI to the City of Chattanooga Purchasing Department.

Sincerely.

Derek Blackwood, P.E. MAP Engineers, LLC

BID SCHEDULE

8TH STREET ROAD IMPROVEMENT PROJECT CONTRACT NUMBER T-16-014-201

CHATTANOOGA, TENNESSEE

DESCRIPTION

The project consists of the following major elements of construction including but not limited to improvements to storm drainage, intersection improvements, installation of concrete sidewalks and/or sidewalk pavers, installation of concrete pavement, asphalt overlay, coordination with utilities regarding water utility relocation and gas utility relocation, and landscaping installation.

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Total	Rase \$	
	nts are to be shown in both	n words and figures. In case of discrepancy, dollar amounts n words will govern.
items of work no		wed the plans and specifications, and that all n the Bid Schedule are included in the prices for hedule.
BIDDER:		DATE:
BY:	(Sigr	nature) TITLE:
ADDRESS:		
CITY:	STATE:	ZIP CODE:
TELEPHONE NUMBI	ER:	

BID SCHEDULE 8th Street Road Improvement Project Contract No. T-16-014-201 City of Chattanooga, Tennessee Spec. Sect. Est. No. / Item No. Unit of Units **Unit Price** Description Total LUMP SUM: 717 Mobilization Demolition/Removal (Complete as required 15 / 23 and/or as specified for demolition activities not performed by the City Department of Public Works) **LUMP SUM:** Grading (Complete as required and/or as 02220 **LUMP SUM:** Common Excavation as required and/or as specified. CY N/A Rock Excavation as required and/or as CY N/A specified Imported Fill Material (Suitable Soils), Including all required testing, transportation to site, installation and compaction to required specifications, complete-in-place as required CY and/or as specified. N/A Imported Fill Material (stone backfill), As directed by the Geotechnical Engineer. Including all required testing, transportation to site, installation and compaction to required specifications, complete-in-place as required and/or as specified. CY N/A Excavation of Unsuitable Soils (as determined by the Engineer) and Proper Offsite Disposal by the contractor as required. CY N/A Slope Protection and Erosion Control (Complete-in-place as required and/or as specified. Includes Cost of Maintenance during Construction) **LUMP SUM:** 16410 Temporary Traffic Control (Temporary Traffic Control Signs & Barricades, including installation and removal as required and/or as specified. Contractor to coordinate with Rick Davis of Chattanooga Dept. of Transporation as required to prepare and implement an acceptable Traffic Control Plan) **LUMP SUM:**

BID SCHEDULE 8th Street Road Improvement Project Contract No. T-16-014-201 City of Chattanooga, Tennessee Spec. Sect. Est. No. / Item No. Unit of Units **Unit Price** Description Total 7 / 31 / 33 / 34 / Storm Drainage System (All structures & 38 / 15062 piping complete-in-place as required and/or as specified, Including Excavation, Butyl Rubber Gaskets, Fittings, Frames/Covers, Grates, Stone Bedding, Stone Backfill in Paved Areas to Subgrade, Modifications/Repairs to Existing Structures, etc.) **LUMP SUM:** 4-Foot Diameter Curb Inlet 0 to 6.0 Feet Deep. EΑ N/A 6.1 to 8.0 Feet Deep. EΑ N/A 4-Foot Diameter Yard Inlet 0 to 6.0 Feet Deep. N/A EΑ 6.1 to 8.0 Feet Deep. EΑ N/A 4-Foot Diameter Junction Box 0 to 6.0 Feet Deep. EΑ N/A 6.1 to 8.0 Feet Deep. EΑ N/A 28-Inch Square Type "B" Inlet 0 to 6.0 Feet Deep. EΑ N/A Form-in-place Drop Inlet 0 to 6.0 Feet Deep. EΑ N/A **Storm Pipes** 0 to 6.0 Feet Deep (In Pavement) 15" Diameter RCP LF N/A 8" Diameter DIP LF N/A **Polydrain Trench Drains & Grates** Polydrain Trench Drains & Grates System, Complete-in-Place, as required and/or as specified. LF N/A Modifications/Repairs to Existing Structures Raise Existing Manhole, Inlet, or Catch Basin, including any repairs needed, Complete-in-Place, as required and/or as specified. EΑ N/A Core Drilling Existing Manhole, Inlet, or Catch Basin, including any repairs needed, Completein-Place, as required and/or as specified. EΑ N/A Convert Existing Curb Inlet Structure to Junction Box, including any repairs needed, Complete-in-Place, as required and/or as EΑ specified. N/A

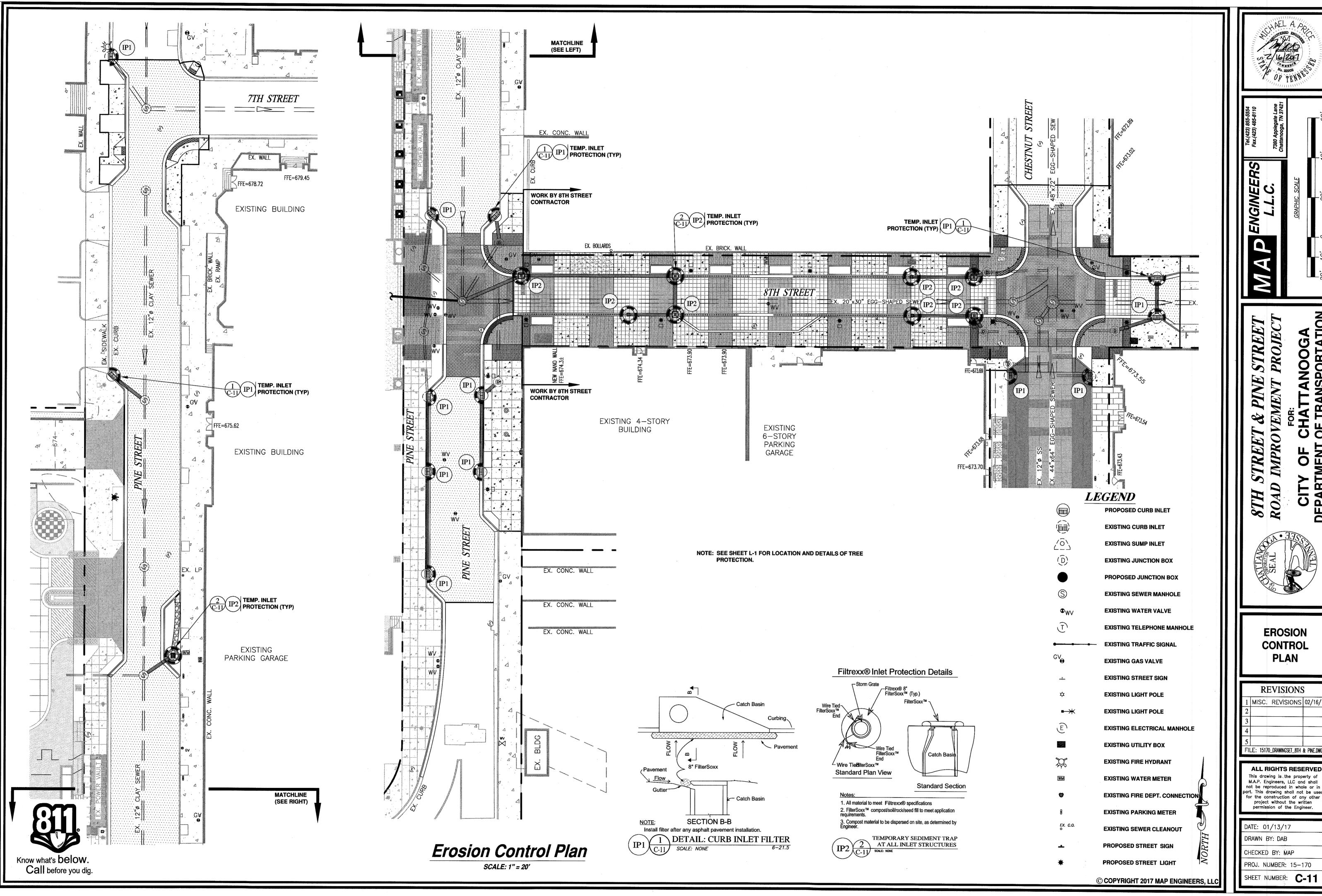
BID SCHEDULE 8th Street Road Improvement Project Contract No. T-16-014-201 City of Chattanooga, Tennessee Spec. Sect. Est. No. / Item No. **Unit Price** Description Unit of Units Total N/A **Coordination with Utility Companies For** Relocation of Utilities and/or Raise Existing **Utility Valve Covers** (Contractor coordination with all Utility Companies for relocation of Gas, Electric, Water, Phone/Internet/Cable, etc. as required, and to include providing and maintaining sufficient construction staking for the above Utilities to install their mains/lines and/or conduit sleeving.) **LUMP SUM:** Raise Existing Utility Valve Covers, including any repairs needed, Complete-in-Place, as EΑ required and/or as specified. N/A 03110 / 03240 / Concrete Formwork, Concrete 03310 / 16 / 17 Reinforcement, Cast In Place Concrete & / 25 / 73 / Precast Concrete Pavers (Sidewalks, **Appendix** Driveways, Curb & Gutter, Handicap Ramps with Detectable Warning Pavers, Sidewalk Pavers) (Complete-in-place as required and/or as specified) **LUMP SUM:** 4-Inch Thick Concrete Sidewalk, Including 2-Inches of No. 57 Stone, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Concrete Driveway, Including 2-Inches of No. 57 Stone, Complete-in-Place, as required and/or as specified. SF N/A Concrete Curb and Gutter "Type A", Including Drop Curb at Handicap Ramps, Driveways, Complete-in-Place, as required and/or as specified. LF N/A 18-Inch Wide Concrete Valley Gutter, Complete in-Place, as required and/or as specified. LF N/A 6-Inch Wide Concrete Header Curb at Tree Wells, Complete-in-Place, as required and/or as specified. LF N/A Concrete Paving for On-Street Parking with Integral Coloring 4-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring, Complete-in-Place, as required and/or as specified. SF N/A 5-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring, Complete-in-Place, as required SF and/or as specified. N/A

BID SCHEDULE

8th Street Road Improvement Project

Contract No. T-16-014-201 City of Chattanooga, Tennessee Spec. Sect. / Item No. Description Unit Of Units Unit Price Concrete Paving for Roadway with Integral Coloring & Scoring 4-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A Concrete Paving for Intersections with	Total
Spec. Sect. / Item No. Description Concrete Paving for Roadway with Integral Coloring & Scoring 4-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	Total
Concrete Paving for Roadway with Integral Coloring & Scoring 4-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	Total
Concrete Paving for Roadway with Integral Coloring & Scoring 4-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	Total
Coloring & Scoring 4-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
4-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
required and/or as specified. SF N/A 6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
6-Inch Thick Plain Portland Cement Concrete Pavement with "Fibermesh" Including Integral Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
Coloring & Scoring, Complete-in-Place, as required and/or as specified. SF N/A	
required and/or as specified. SF N/A	
SF N/A	
Concrete Boying for Intercontions with	
Integral Coloring & Stamping 7-Inch Thick Plain Portland Cement Concrete	
Pavement with "Fibermesh" Including Integral	
Coloring & Scoring, Complete-in-Place, as	
required and/or as specified.	
SF N/A	
10-Inch Thick Plain Portland Cement Concrete	
Pavement with "Fibermesh" Including Integral	
Coloring & Scoring, Complete-in-Place, as	
required and/or as specified.	
SF N/A	
12 / 21 / 22 / 25 Asphalt Paving (Complete-in-place as	
/ 26 / 27 / 53 / required and/or as specified.)	
67 / 73 LUMP SUM:	
Overlay - 1 1/2 of Asphaltic Concrete	
Surface Course, Grading E, (Includes Cost of	
Tack Coat), as required and/or as specified.	
SY N/A	
Standard Full Depth Pavement Section	
(8/2.5/15) composed of: 1.5-Inches of Asphaltic	
Concrete Surface, Grading E, (Includes Cost of	
Tack Coat); 2.5-Inches of Asphaltic Concrete	
Binder, Grading BM or BM-2, (Includes Cost of Prime Coat); and 8-Inches of Mineral	
Aggregate Base, Type A, Grading D, complete-	
in-place as required and/or as specified on	
properly compacted subgrade.	
SY N/A	
02485 / 02810	
Landscaping (Including Root Barriers, Trees,	
Shrubs & Ground-level plantings, Complete-in-	
place as required and/or as specified) LUMP SUM:	
Topsoil in Landscaped Areas (Complete-in-place as required and/or as specified) LUMP SUM: LUMP SUM:	

	BID SCHE 8th Street Road Impr Contract No. T- City of Chattanoog	ovement 16-014-20	01		
Spec. Sect. / Item No.	Description	Unit	Est. No. of Units	Unit Price	Total
02452	Traffic Signs & Pavement Markings (Complete-in-place as required and/or as specified)		LUMP SUM:		
N/A	Pedestrian Lighting (Complete-in-place as required and/or as specified)		LUMP SUM:		
	Total Lun	np Sum	Base Bid:		





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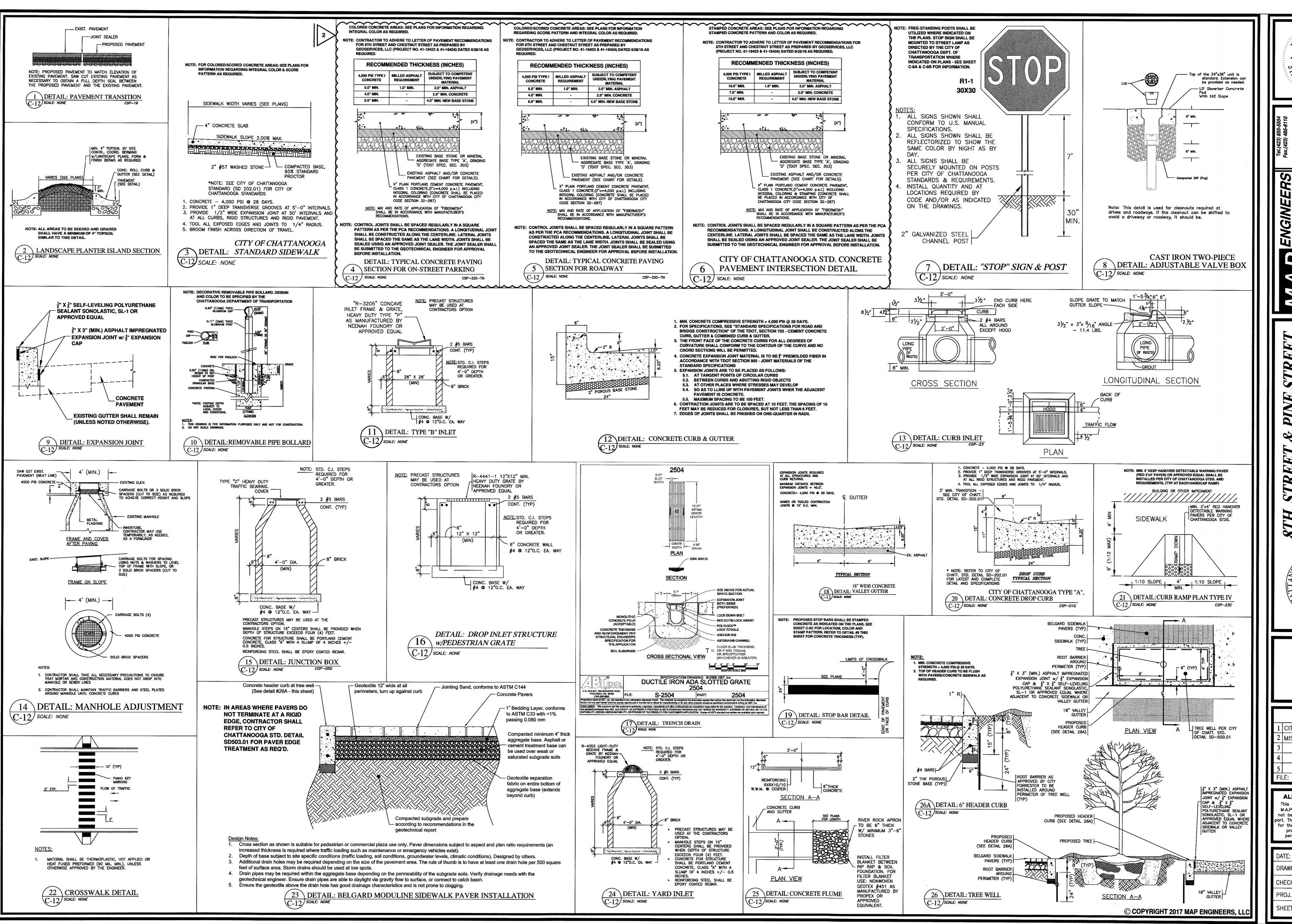


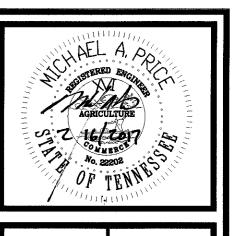
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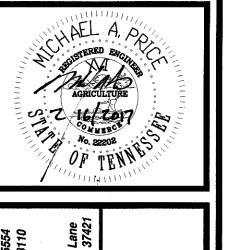
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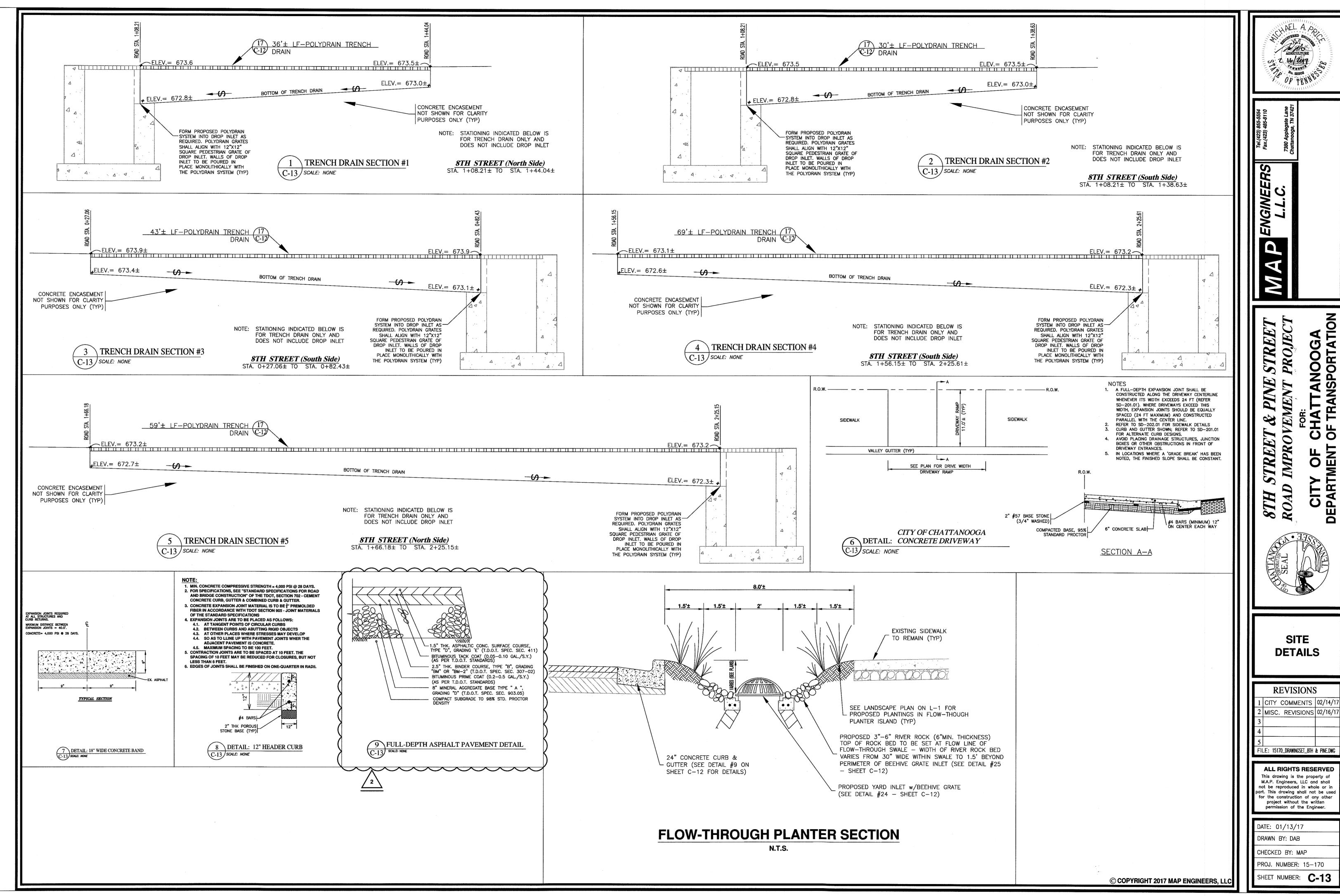
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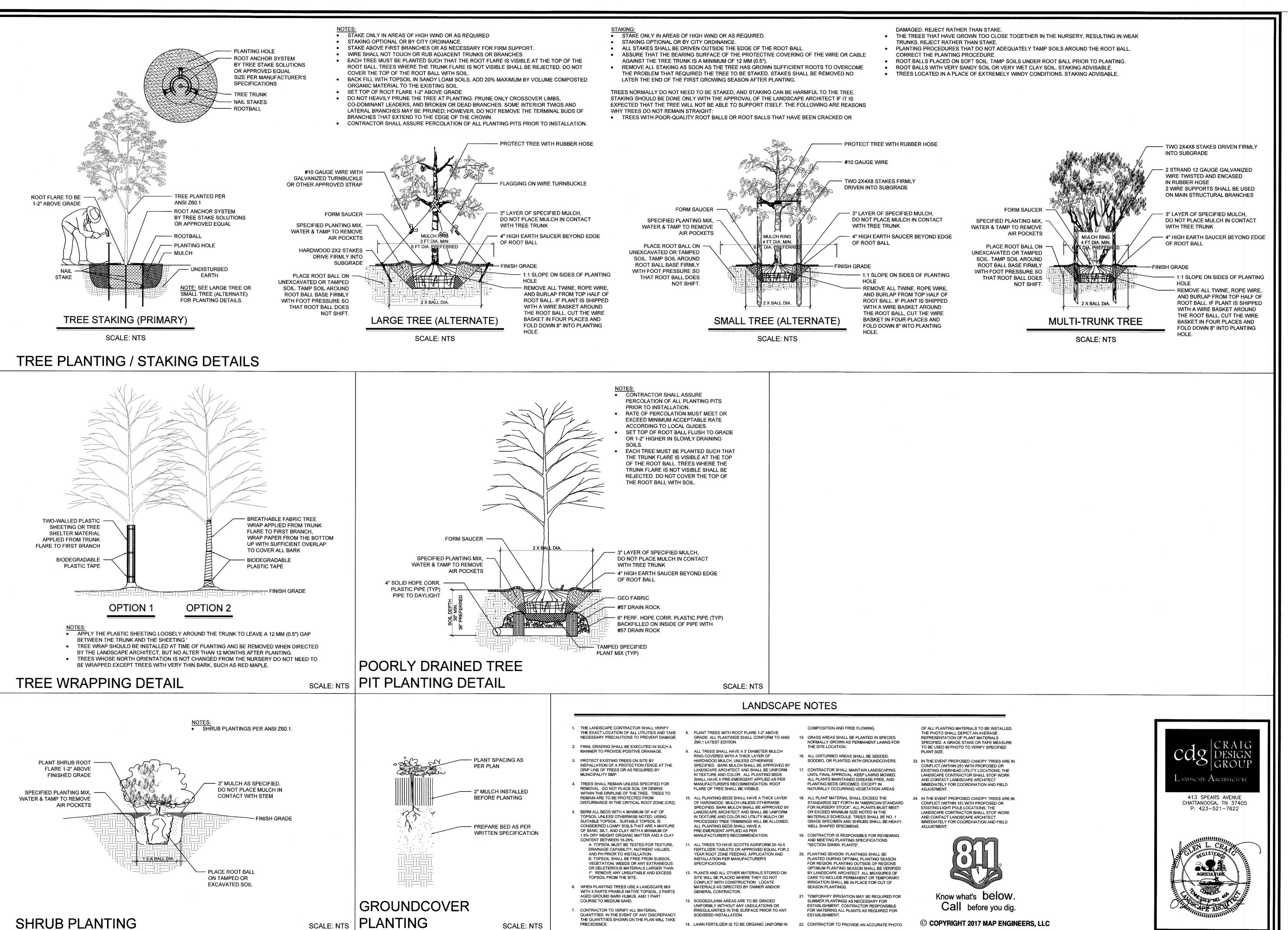
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Chattanooga, TN 37421

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FOR:
CITY OF CHATTANC

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LANDSCAPE DETAILS

REVISIONS

1 DATE ISSUED 02/16
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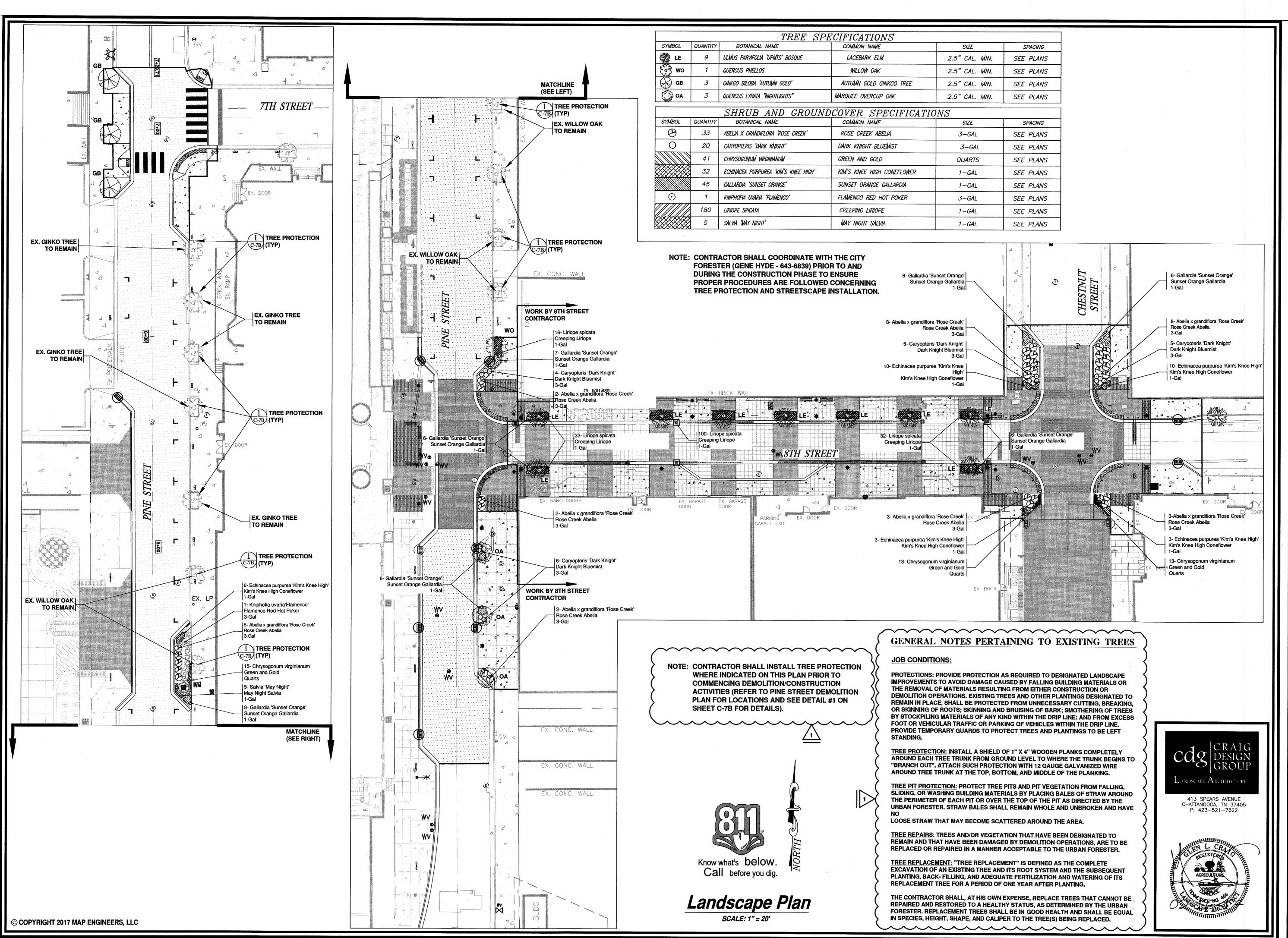
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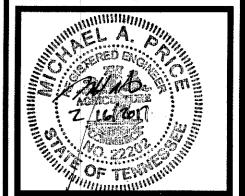
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LANDSCAPE PLAN

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