

Final Engineering Plans

Columbia Street

Parkside Road to 200' south

Naperville, IL

REFERENCE BENCH MARK

City of Naperville Survey Monument
 Station 1007
 Bernsten 3D Stainless Steel Datum Point with Access Cover
 Located at the southeast corner of Charles Street and Chesire Lane
 Elev = 733.69 NAVD 88

ELEVATION DATA

Elevations shown are based on the North American Vertical Datum of 1988 (NAVD 88) as determined by Local C.O.R.S. observation.

SITE BENCHMARKS

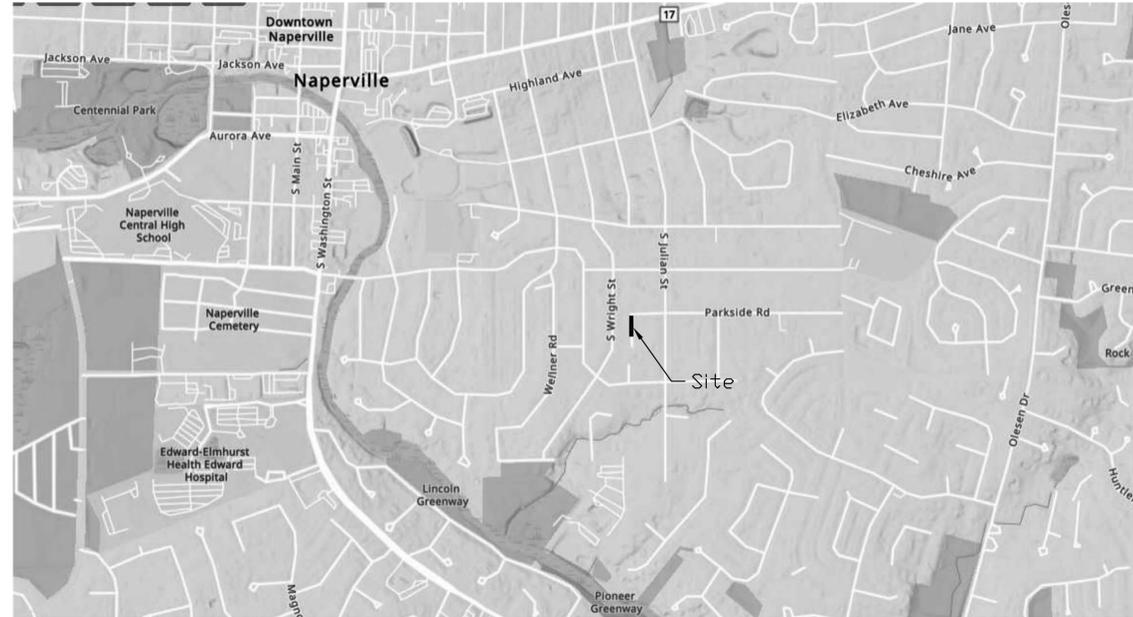
#1 A cross cut on curb at the west side of Columbia Street at the south end of the project.
 Elev=712.20 NAVD 88

#2 Bury bolt on Fire Hydrant at the northwest corner of Parkside Avenue and Columbia Street.
 Elev=714.60 NAVD 88

LEGEND

Existing Proposed

-   Manhole
-   Catchbasin
-   Storm Inlet
-   Curb Inlet
-   Water Valve Vault
-   Fire Hydrant
-   Watermain
-   Sanitary Sewer
-   Combined Sewer
-   Storm Sewer
-   Flared End Sec.
-   Contours
-   Drainage Flows
-   Street Light



LOCATION MAP
NTS

INDEX OF SHEETS

1. Cover Sheet
2. General Notes and Specifications
3. Existing & Proposed Geometry
4. Plan Profile
5. Construction Details



ENGINEER CERTIFICATE

I hereby certify that the project described herein has been designed in accordance with the requirements set forth in this application and all applicable ordinances, rules, regulations, local, state and federal laws, and design criteria of the issuing authority.

Dated this 19th day of May, 2025.


 Raymond G. Ulrich, IL Licensed Professional
 Engineer No. 062-040213, Expires 11/30/2025



TOPOGRAPHIC SURVEY BY:
Taurus Engineering LLC

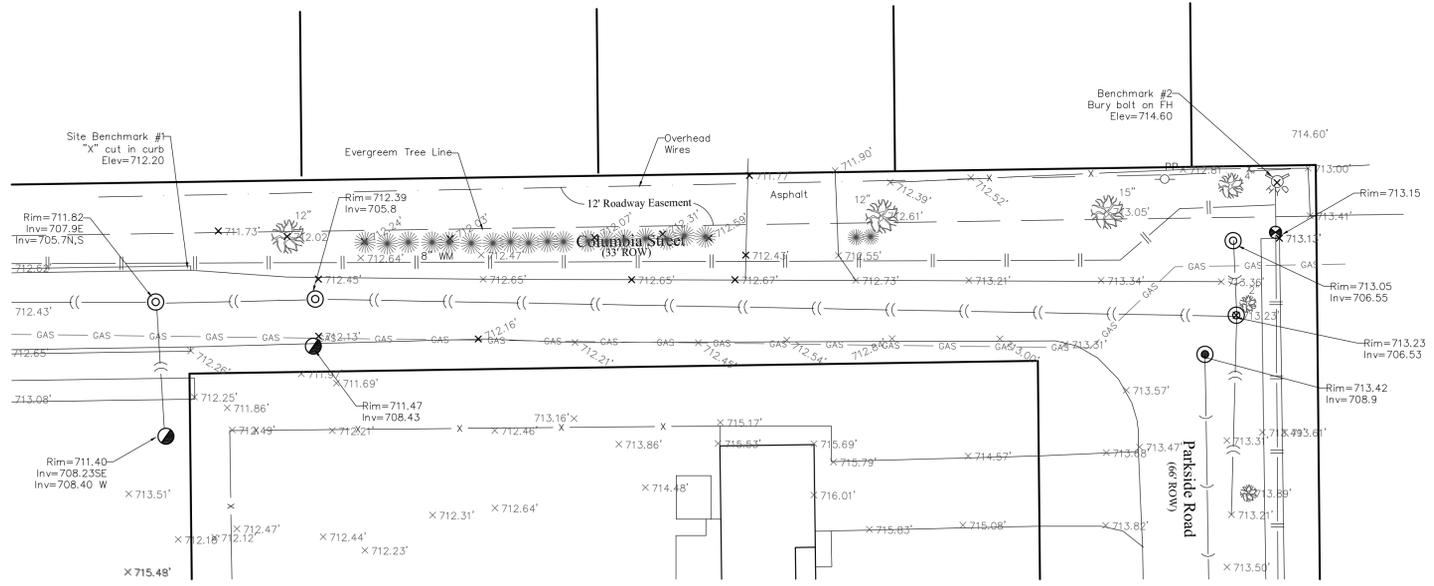
DATE	REVISION
5-19-25	Per City Review

Dated: March 10, 2025

PREPARED FOR:
 Nexgen Realty Solutions, Inc.
 10661 S Roberst Rd Suite #206
 Palos Hills, IL 60465
 773-414-1516
 bakoconstruction@gmail.com

PREPARED BY:
TAURUS ENGINEERING L.L.C.
 5N557 Route 59
 Bartlett, IL 60103
 (630) 549-5506
 tauruseng@sbcglobal.net

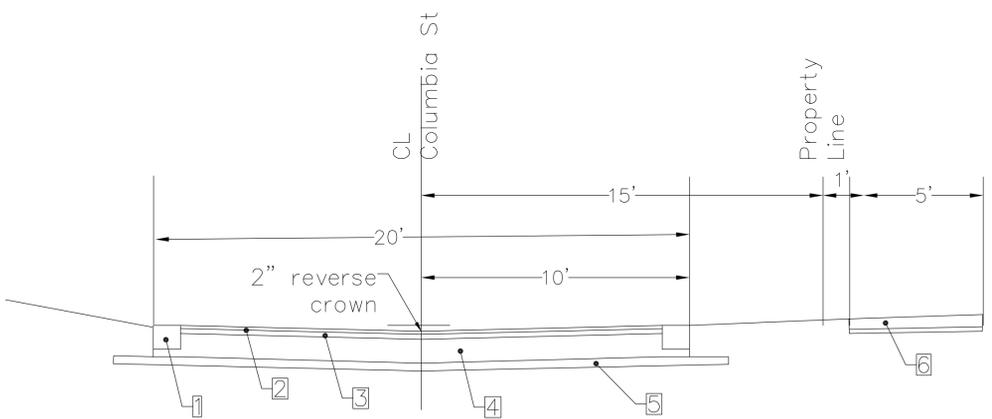
- Legend**
- TF = Top of Foundation
 - GF = Garage Floor
 - LO = Look Out
 - WO = Walk Out
 - TC = Top of Curb
 - BW = Back of Walk
 - FG = Finished Grade
 - P.U.E. = Public Utility Easement
 - D.E. = Drainage Easement
 - CL = Center Line
 - x (100.00) = Proposed Elevation
 - x 100.00 = Existing Elevation
 - Existing Contour
 - Proposed Contour
 - B-box
 - Storm Manhole
 - San Manhole
 - Valve Vault
 - Fire Hydrant
 - Down spout
 - Drainage Flow
 - Watermain
 - Storm Sewer
 - Sanitary Sewer
 - Exst. Tree
 - Remove Tree
 - Proposed Evergreens



Existing

Geometry

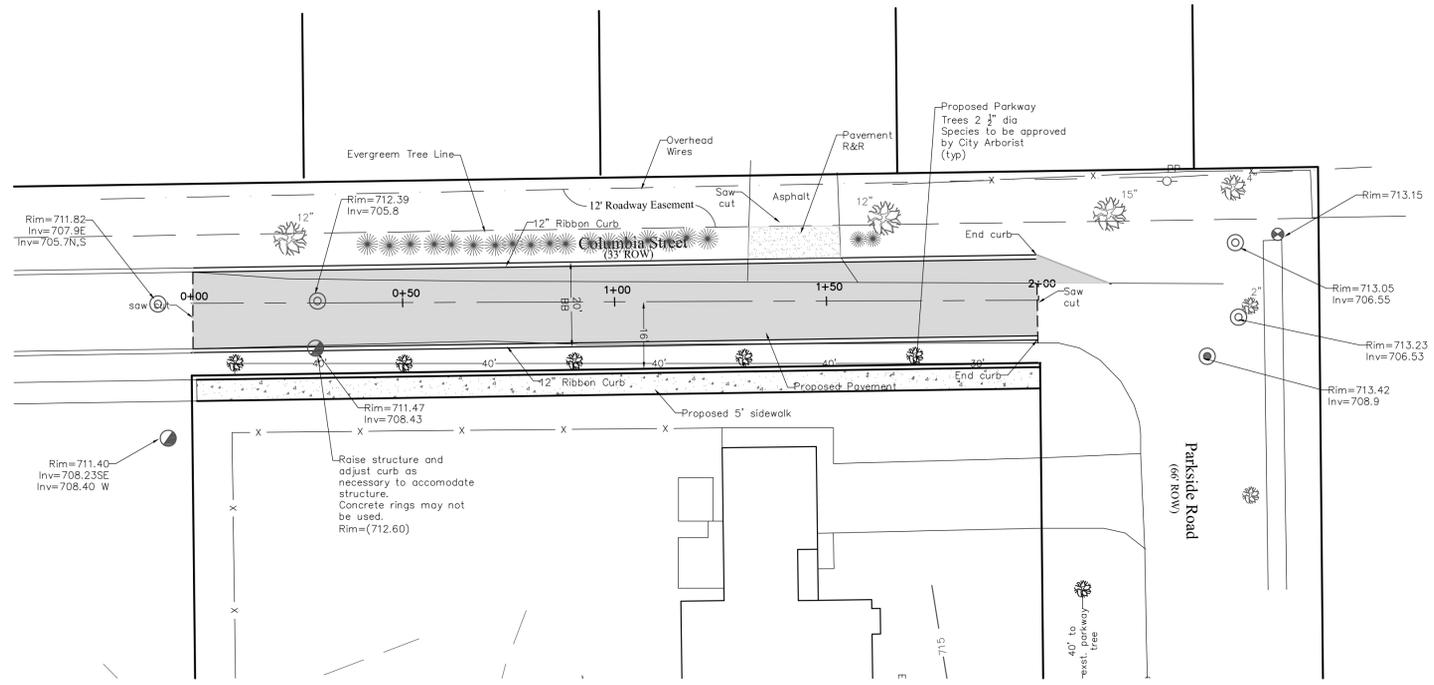
Existing trees on the north side of Columbia Street and east side of Parkside Road to remain. There were no trees on the south side of Columbia Street at the time of the survey work.



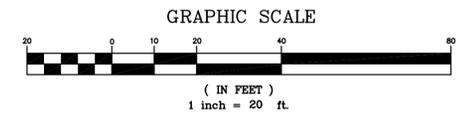
- 1 12"x12" ribbon curb, on 4" CA-6
- 2 1 1/2" HMA Surface course, IL-9.5
- 3 2 1/2" HMA Binder Course, IL-19.0
- 4 12" Aggregate Base Course, Type B (CA-60)
- 5 Compacted Subgrade (95% Standard Proctor)
- 6 Sidewalk, 4" PCC, Class SI, 2" CA-6

$$SN = (1.5 \times 0.4) + (2.5 \times 0.33) + (12 \times 0.14) = 2.99$$

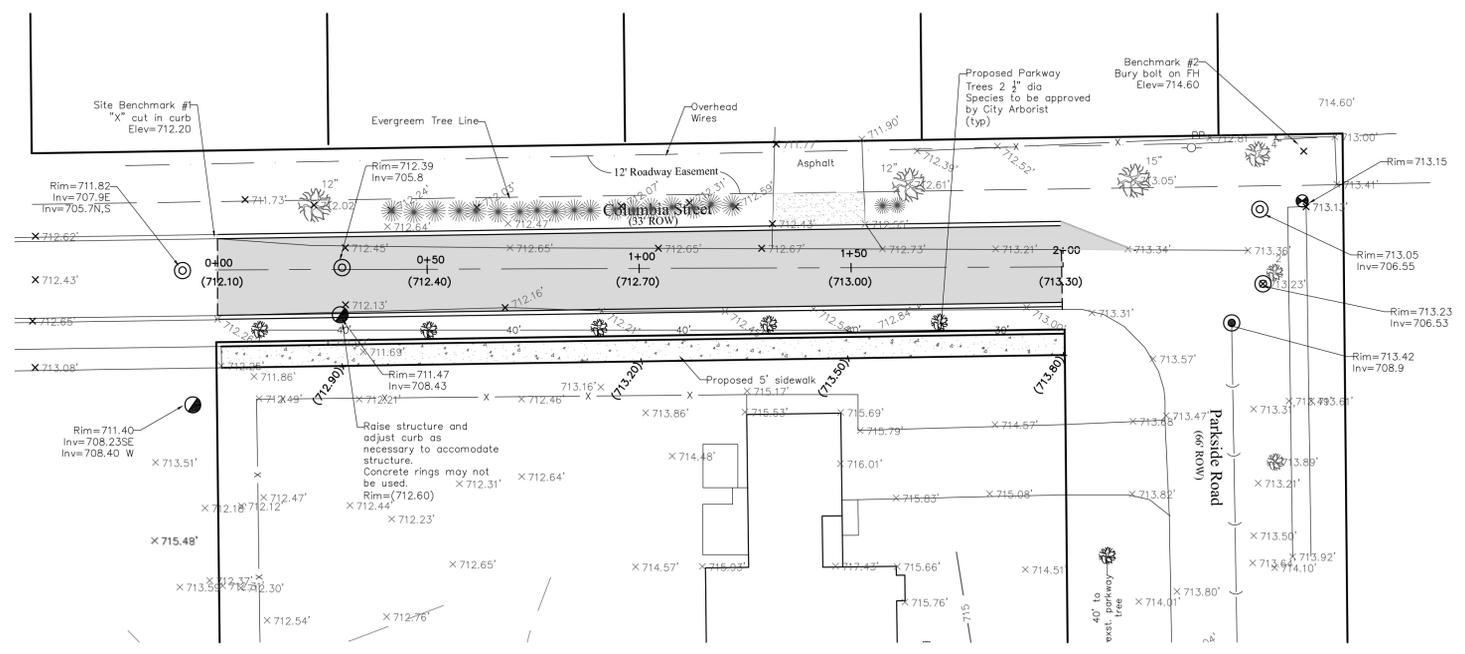
Columbia Street Typical Section



The species of parkway trees planted shall be selected from the City's approved parkway tree species and shall be based on availability at the time of planting. The species selected shall be approved by the City Forester.



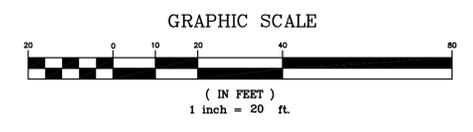
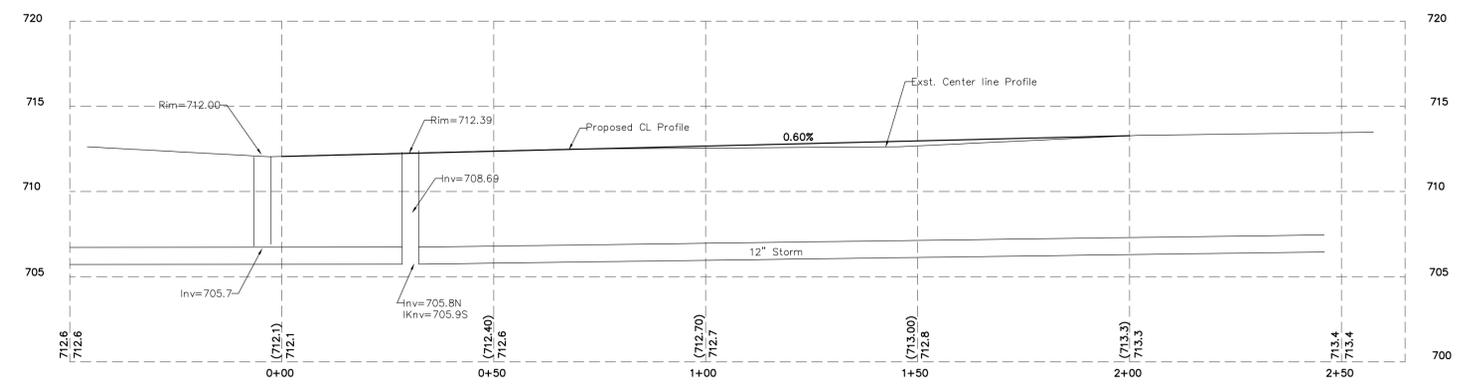
Existing & Proposed Geometry			
Columbia Street			
1	5-19-25	per City Review	RGU
NO.	DATE	DESCRIPTION	BY
DATE: 4-10-2025			
SCALE: 1"=20'			
SHEET NUMBER 3 OF 5			



- Legend**
- TF = Top of Foundation
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 - ⊕ = Sanitary Sewer
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 - ⊕ = Remove Tree
 - ⊕ = Proposed Evergreens

Plan

Profile



Plan Profile	
Columbia Street	
DATE: 4-10-2025	SHEET NUMBER 4 OF 5
SCALE: 1"=20', 1"=5'V	

NO.	DATE	DESCRIPTION	BY
1	5-19-25	per City Review	RGU

