

2017 - Riverfront Park Reconstruction

1st Avenue to I-380

City of Cedar Rapids, Iowa

Contract No. 307223-01

Utility & Emergency Numbers	
Parks & Recreation Department	319-286-5750
Police Department	319-286-5491
Fire Department	319-286-5200
Emergency	911
Alliant Energy	319-786-1912
Mid American Energy	319-298-5155
Water Department	319-286-5910
Qwest Communications	319-399-7600



Location Map

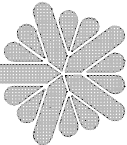
Not to Scale

Cedar Rapids Metropolitan Specifications

Sections most prevalent to this project	
Section 01400	Clearing and Demolition
Section 02000	Grading and Excavation
Section 02100	Subgrade and Sub base Preparation
Section 02400	Storm Sewers
Section 02700	Portland Cement Concrete Pavement
Section 02800	Miscellaneous Pavement Construction
Section 02850	Pavement Markings
Section 02900	Seeding

Mayor: Ron Corbett
City Council

Susie Weinacht	Ann Poe
Ralph Russell	Kris Gulick
Scott Overland	Pat Shey
Scott Olson	Justin Shields



CEDAR RAPIDS
City Of Five Seasons

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Cedar Rapids Parks & Recreation Department	
This Document is Recommended for Filing with the City Clerk	
Director, Parks & Recreation	Date

Demolition / General Notes

1. It is the responsibility of the contractor to call Iowa One Call 48-hours in advance of any construction on the site to locate all existing utilities. Damage caused by the contractor to existing utilities shall be repaired by the contractor to the satisfaction of the owner of the utility at the contractor's expense.
2. The contractor shall remove all existing concrete sidewalk as shown on the plans. Contractor shall remove all existing sub-base material from sit In areas where sidewalk is adjacent to the street, remove the sidewalk to the existing back of curb.
3. Contractor shall strip existing sod and vegetation as needed for project. The contractor shall remove and dispose of said material off-site.
4. Contractor shall strip, stockpile and re-spread existing topsoil on site as needed. Verify with owner if quality of existing topsoil is suitable for backfill. Excess topsoil not needed on site shall be removed by the contractor and hauled to the parks facilities at 2550 Ellis Lane NW for storage and future use by the Parks Department.
5. All trees on site are to remain with the exception of the one noted on the plan set. When the contractor is working around existing trees on this project he shall erect snow fencing along the existing drip line of the trees adjacent to his work to help keep equipment and materials from impacting the root zone.
6. When construction work needs to take place within the root zone of existing trees care shall be taken to reduce the impact to the existing root zone of the trees. The contractor shall try to minimize the amount of roots being cut to obtain grades. If large roots are encountered the contractor shall contact the owner before cutting and removing them to see if the owner would like to modify the project in any way.
7. Before work begins on the project the Contractor shall install orange construction fencing around the project area. Contractor shall co-ordinate with the owner to have signs placed in advance of the project to warn pedestrians of the sidewalk being closed. Place signs near the Vets Memorial building crosswalk and also across 1st Avenue before the intersection.
8. The contractor shall install filter sock along the rivers edge of the site to prevent any possible erosion into the Cedar River.
9. Traffic control shall be the responsibility of the contractor to coordinate with the Cedar Rapids Public Works Department for lane closure along First Street NW for construction staging and activities.
10. Contractor shall submit a traffic control plan as needed.
11. Sidewalk shown on the aerial photo that is not dashed as existing has been previously removed.
12. The Contractor is responsible for obtaining all permits for this project including but not limited to the following: ROW permit, erosion control permit / plan, traffic control plan.



Legend

Existing / Proposed

----- Edge of Concrete

101x13	101.54	Spot Elevations
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Erosion Control Sock



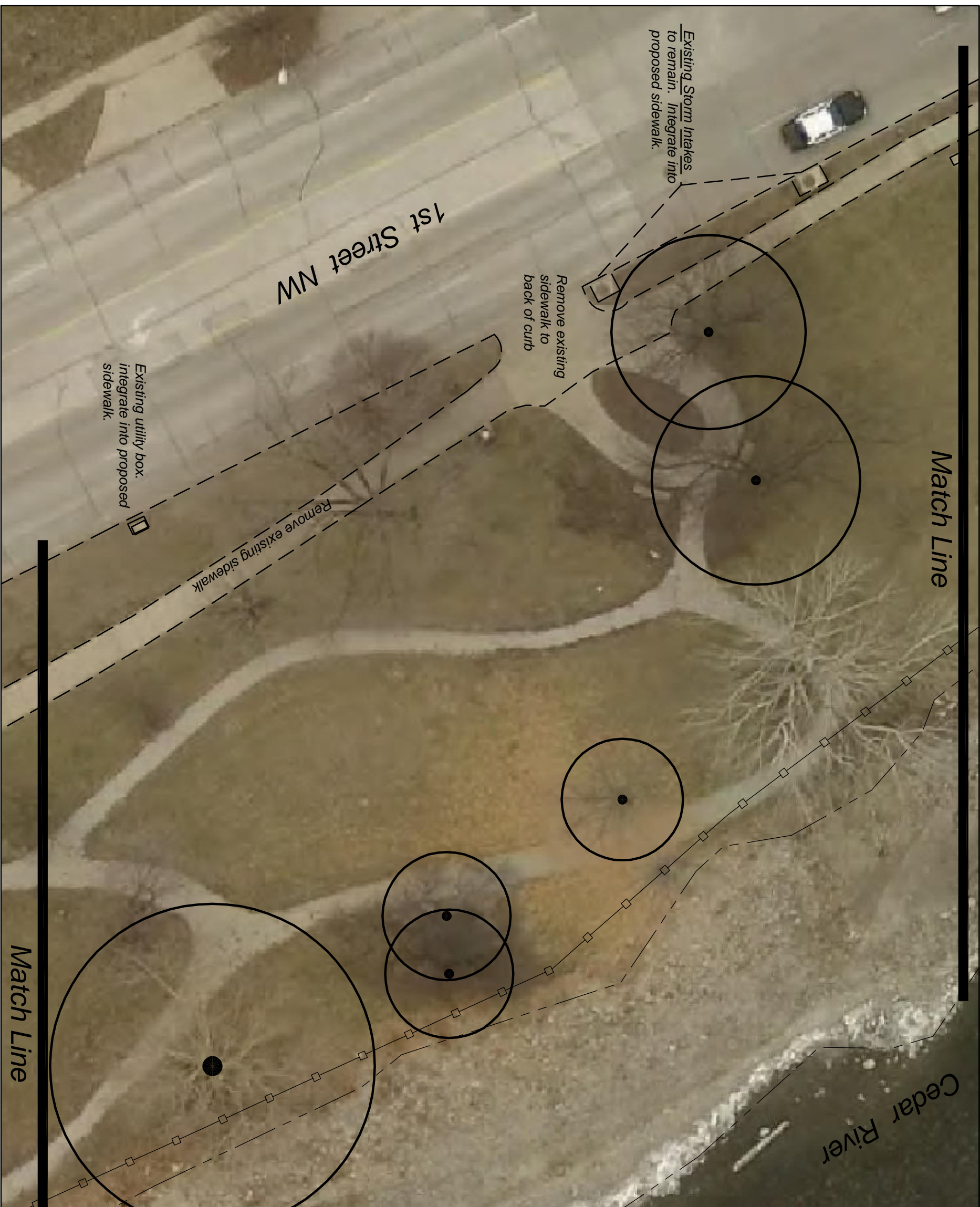
North

Scale: 1" = 20'



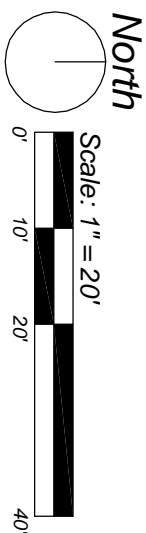
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Legend

- Existing / Proposed
- Edge of Concrete
- Spot Elevations
- Erosion Control Sock



FILE NAME:	DRAWN BY:	NO.	REVISION DESCRIPTION	APPROVED	DATE	CEDAR RAPIDS City of Two Seasons	2017 Riverfront Park Reconstruction 1st Avenue to Dam	FILE NO: 307223	SHEET NO. 2 OF 7
	APPROVED BY:								

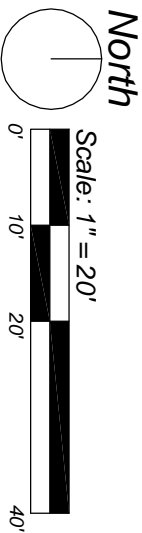
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Legend

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- 101x13 101.54 Edge of Concrete Spot Elevations
- Erosion Control Sock



FILE NAME:	DRAWN BY:	NO.	REVISION DESCRIPTION	APPROVED	DATE	CEDAR RAPIDS City of Five Seasons	2017 Riverfront Park Reconstruction 1st Avenue to Dam	3	7
	APPROVED BY:								

Construction / General Notes

1. All construction shall be done in accordance with the "Cedar Rapids Metropolitan Area Standard Specifications and Details" and all applicable building codes.
2. It is the responsibility of the contractor to obtain all permits needed for the project.
3. Concrete sidewalk for this project shall be per Metro Specifications except as modified in these notes. Sidewalk shall be 5-inch PC Concrete with fiber-mesh except where noted on the detail for the ADA ramp at the cross walk at 1st Avenue and 1st Street NW. All sidewalk at street to have 6-inches of compacted 1-inch road stone placed on a compacted sub-grade. Joints shall be as shown on plans. See ADA ramp intersection detail for specifics of that area of the project.
4. All sidewalks shall have cross slope from the back of existing curb up into the park at a slope not to exceed 1.5% except where noted on the plans.
5. Repair and modify existing intake at 1st Avenue to match proposed grades.
6. Backfill and seed all disturbed areas with stored topsoil. Remove all debris from topsoil and fine grade all disturbed areas for seeding. Seed with Sunny mix per Metro Specifications.
7. Contractor shall re-install all signs removed during construction.
8. Benches shown on plans to be installed by owner at a later date.
9. Cross slope of 6.0' wide interior sidewalk shall be a maximum of 1.5% sloped to the side matching the existing grade. If grades are equal slope to the river side of the walkway.
10. Contractor shall run water line as shown on plans. Owner will supply RPZ/meter box and drinking fountain. Contractor shall stub out and cap water line for future irrigation system, see detail for RPZ/Meter area.
11. Shut off existing water service at main in street. Connect to existing 2-inch service before existing shut-off valve in manhole. Extend 2-inch service to proposed concrete pad, install new shut-off valve just into concrete pad with new stop box assembly flush with surface of pad. Bring service up into pad and construct RPZ-meter assembly as shown in detail on sheet 7. Once new service is connected and extended to new location, remove top 18-inches of manhole and backfill and compact clean fill to elevation of proposed sub-grade.
12. Contractor shall pour additional concrete base around existing traffic signal poles and electrical poles as needed to allow for a smooth finished look.

Electrical Note

Before construction starts contractor shall contact Alliant Energy to co-ordinate any proposed future conduit removals or installations for street lighting in the project area.

Existing / Proposed

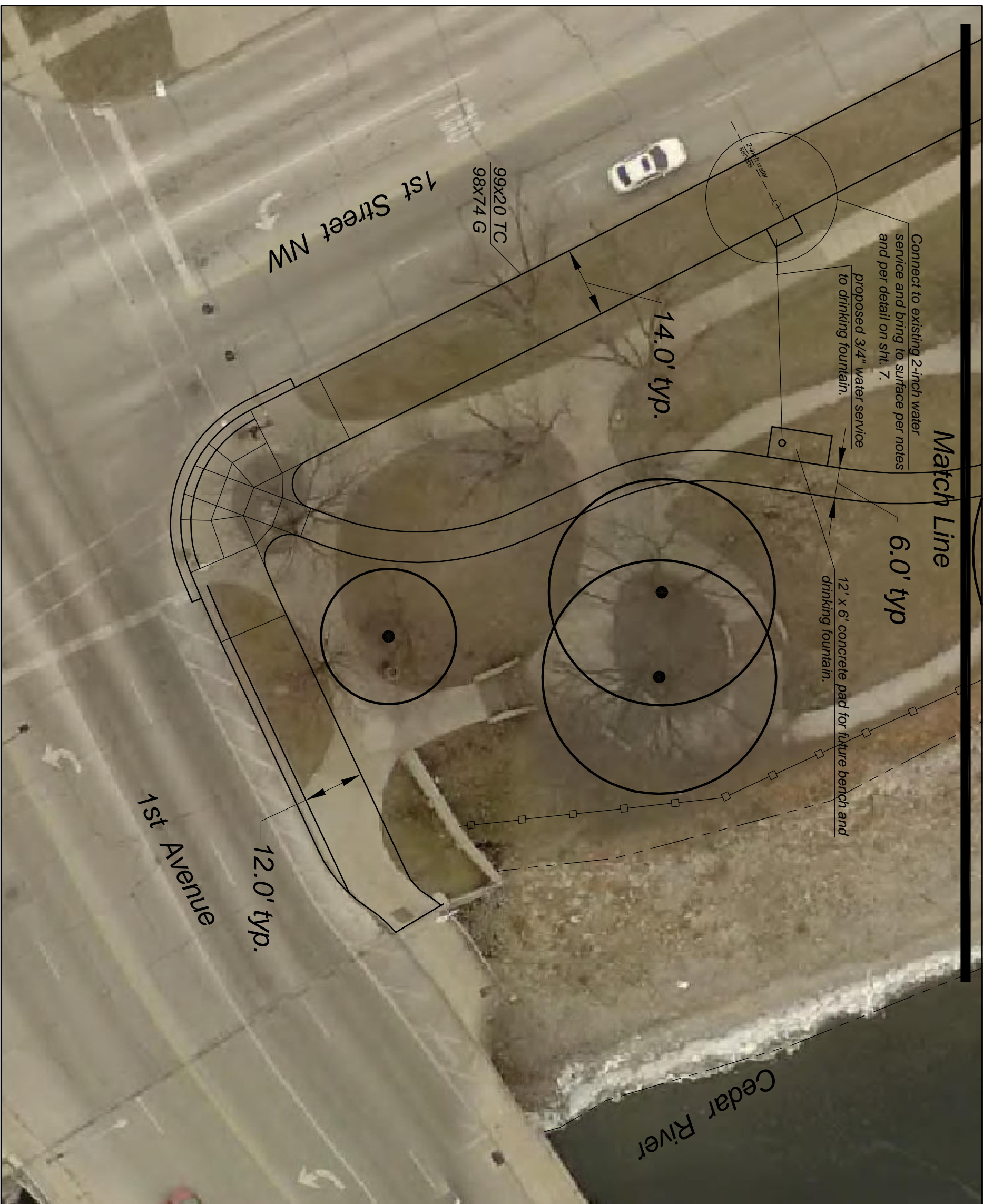
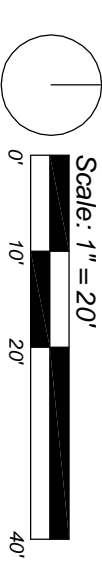
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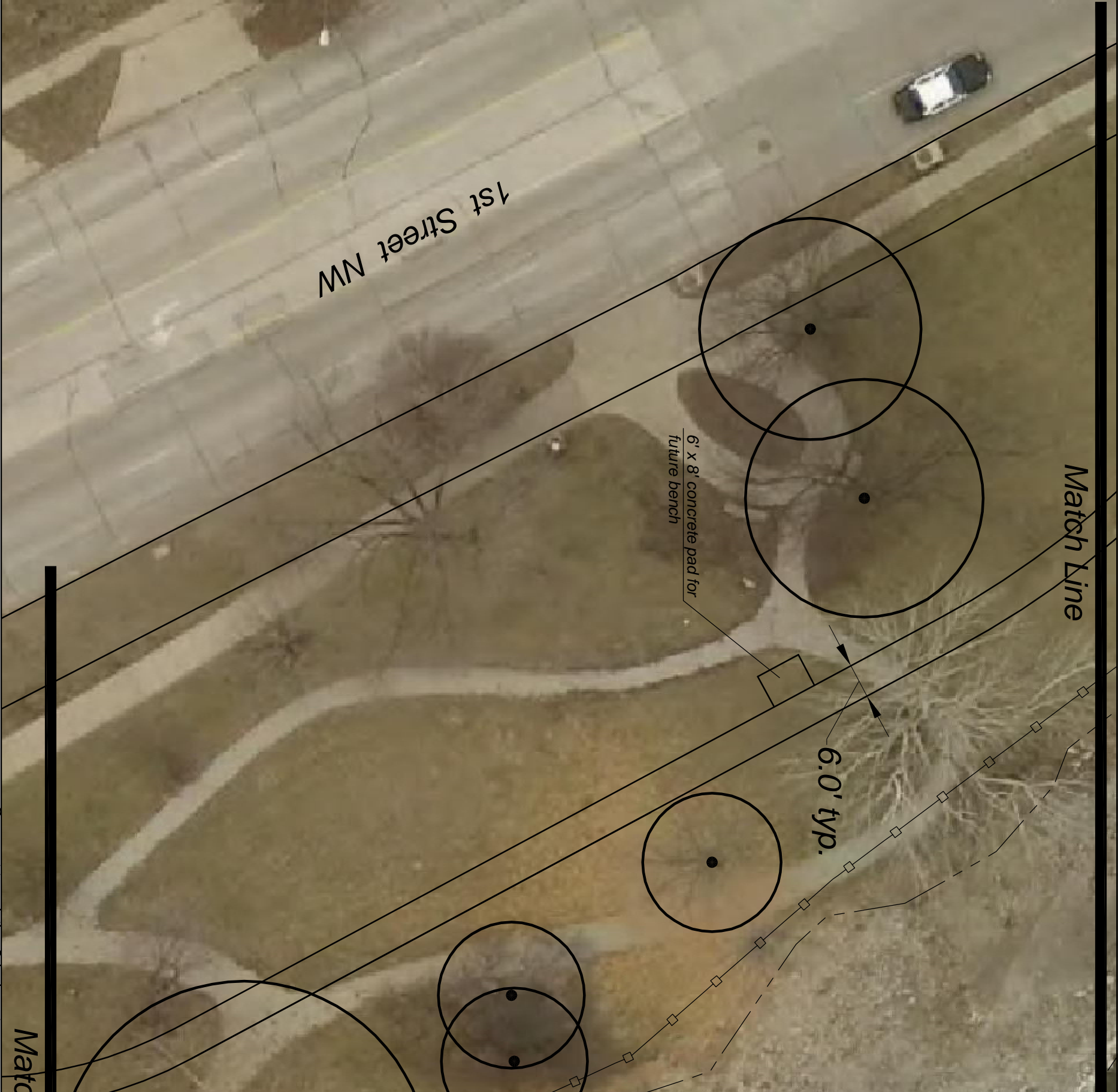
North


Scale: 1" = 20'

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Sheet No.



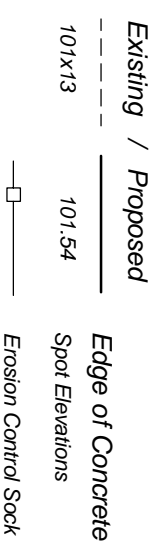
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	APPROVED BY:				
	NO.	REVISION DESCRIPTION	APPROVED	DATE	
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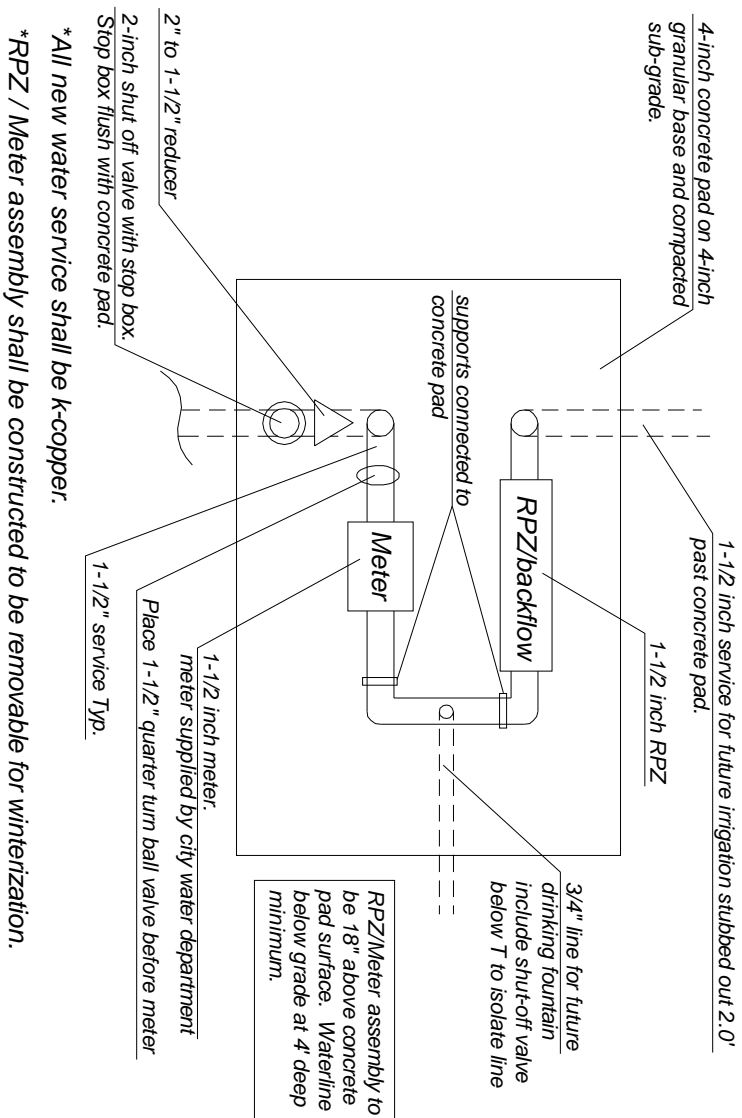
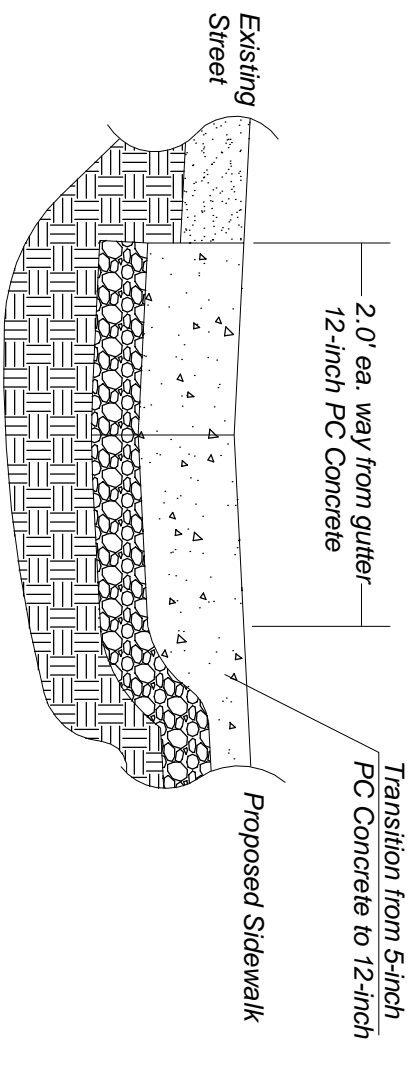
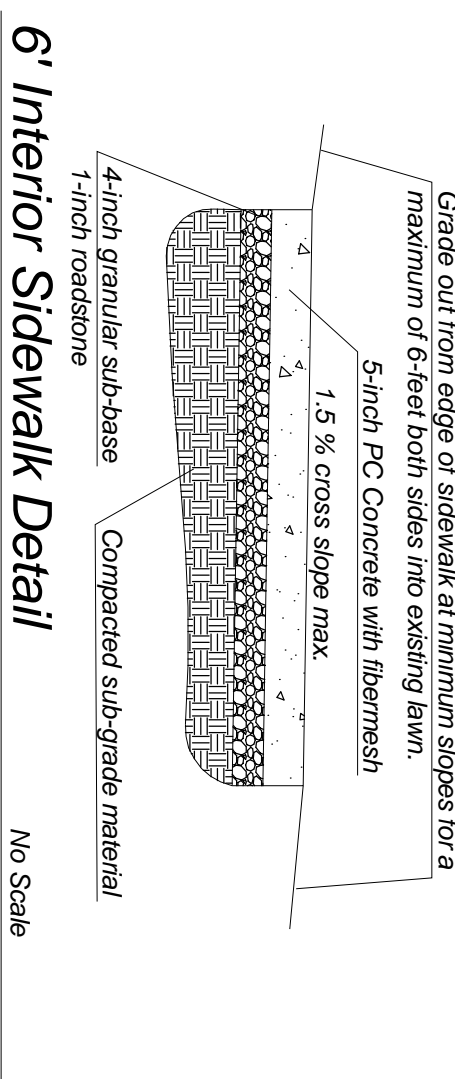
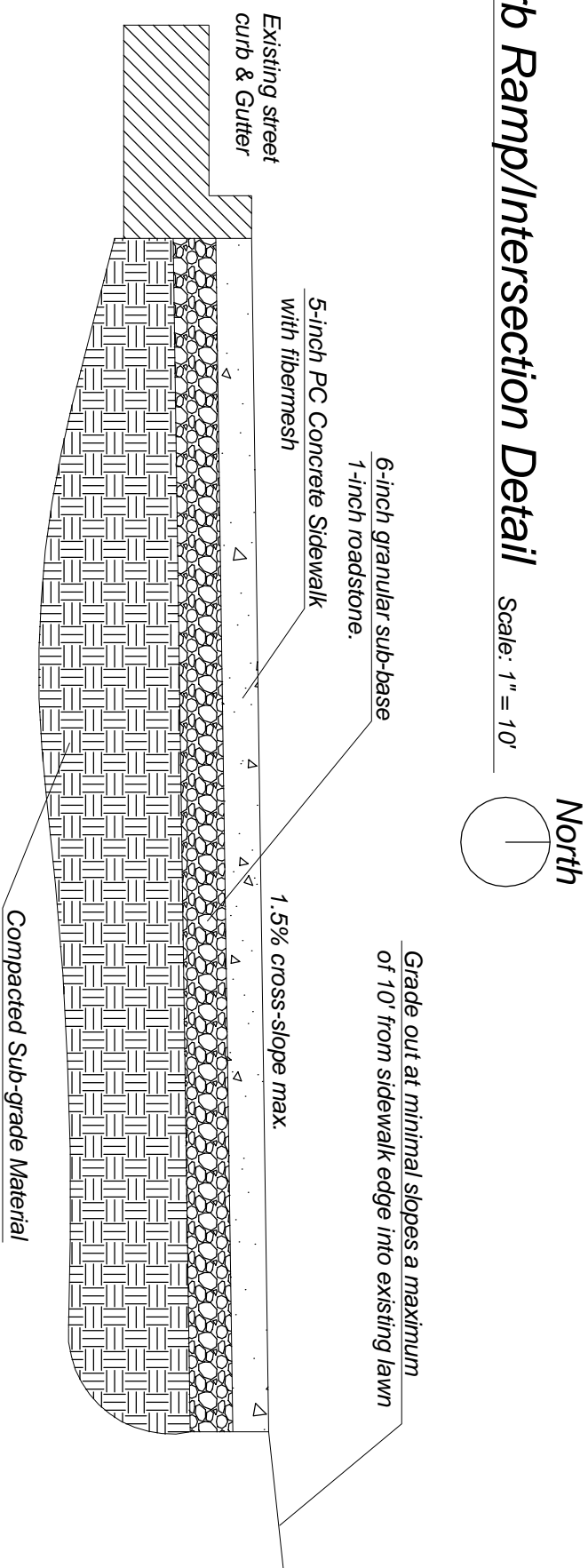
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