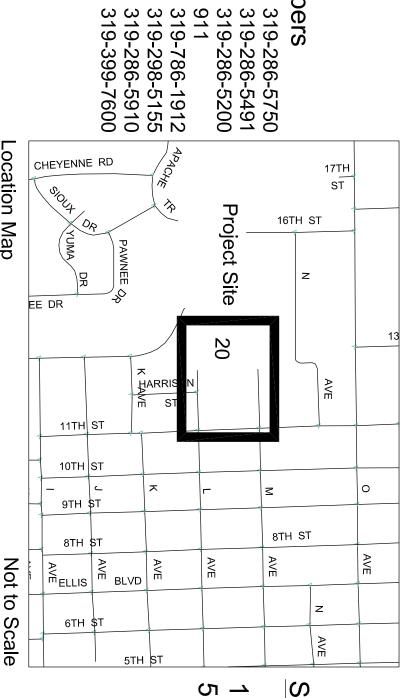
Cedar Rapids Parks & Recreation Department

## Northwest Recreation Cent Parking Lot Reconstruction

City of Cedar Rapids, Iowa

Contract No. 311189



Fire Department

911

Police Department

Parks & Recreation Department

Utility & Emergency Numbers

Alliant Energy Emergency

Qwest Communications

Water Department

Mid American Energy

Sheet Index

Plan Sheets and Notes Cover Sheet

Details

Mayor: Brad Hart

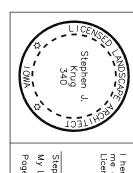
Location Map

City Council

Scott Overland Patrick Loeffler Tyler Olson Ann Poe Dale Todd Marty Hoeger

Scott Olson

Ashley Vanorny



I hereby certify that this document was prepared by me or under my direct personal supervision and that I am a duly Licensed Landscape Architect under the laws of the State of lowa

My License renewal date is June 30, 2020 Pages covered by this seal: Stephen J. Krug lowa Reg No. 340

City Clerk This Document is Recommended for Filing with the

Cedar Rapids Parks & Recreation Department

CEDAR City Of Five Seasons RAPIDS

Scott Hock, Director, Parks & Recreation

Date



- Conractor shall call lowa One Call, 1-800-292-8989, 24 hours before begining work on site. Contracor shall protect all existing utilities and structures. Damage to existing utilities and structures shall be repaired by the contractor to the satisfaction of the owner at the contractor's expense. Contractor shall remove all existing pavedrain pavers as shown on the plans, as well as all geo-grid fabric directly beneath said pavers.

- Contractor shall dispose of all pavers and geo grid off site.

  Contractor shall take care to not disturb or break existing concrete curb and gutter as this will be top of slab for new asphalt to be placed along the outer edge of existing parking lot and entry drive
- Contractor shall remove existing sub-base material to a depth 12-inches below existing gutter and below proposed top of slab elevations for new asphalt.

לללללל Removal of Existing Pavers



**Existing Elevations** 



Proposed Elevations



Proposed HMA 5"



Parking Lot Reconstruction **NW Recreation Center** 

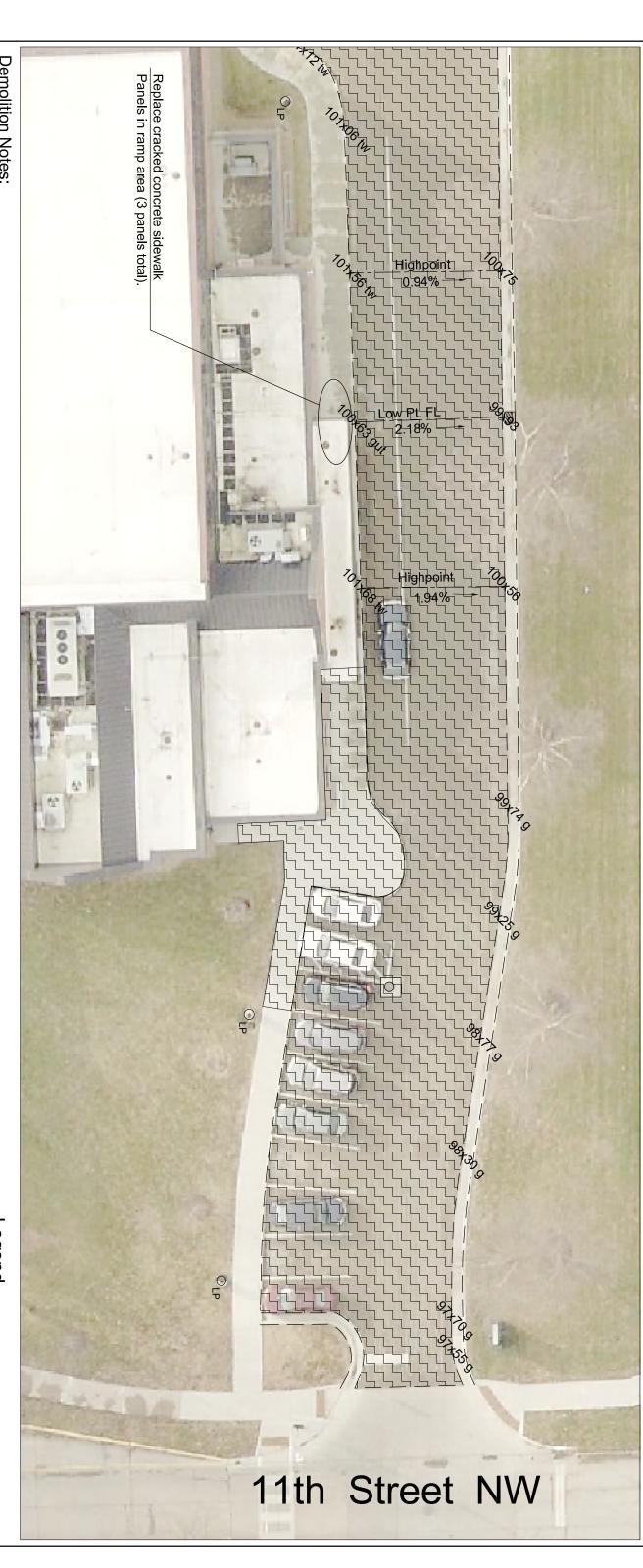


**Demolition Plan** 

FILE NAME:

DRAWN BY: APPROVED

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## Demolition Notes: 1. Conractor shall cal

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#### Legend

Removal of Existing Pavers



**Existing Elevations** 



Proposed Elevations



Proposed HMA 5"



Parking Lot Reconstruction **NW Recreation Center** 

**Demolition Plan** 

FILE NAME:

DRAWN BY: APPROVED

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## Construction Notes:

- All Construction shall be per current SUDAS standard specifications and details including City of Cedar Rapids supplemental specifications to the SUDAS standards.
- This project shall meet all 2010 ADA Standards for Accessible Design, Department of Justice, September 15, 2010.
- The contractor shall be responsible for obtaining all permits for this project. These include but are not limited to:
- Permit to work in public ROW
- \* Traffic Control Plan
- 4 0 Contractor shall coordinate the storage of equipment and materials on site with the Parks & Recreation Department. The Contractor shall coordinate construction of the project with the Parks & Recreation Department in order to minimize any
- potential disruptions and closings to the NW Rec Center programs and staff.
- 0 Once demo and removals are complete, contractor shall compact existing sub-base material. Contractor shall bring in additional 1-inch class A sub-base material and compact until sub-base is at elevations needed for surfacing.
- Contractor shall install 6-inches of 1/2 inch mix HMA LT, 1/2, PG 58-28s, in two 3-inch lifts per specifications where specified Parking stall HMA shall be 5-inches think placed in 2 lifts, a base lift of 2-inches and a surface lift of 3 inches.
- Ω PC Concrete ADA parking stalls and sidewalks shall be a C3 mix per SUDAS specifications. ADA stall to be 6-inch thick PC compacted sub-base material with additional 1-inch class A roadstone added to make elevations Concrete placed on compacted granular sub-base as noted above. Sidewalks shall be 5-inch PC Concrete placed on existing
- Proposed HMA grades shall be 6-inches below existing top of walk (tw) grades or shall match existing gutter grades as shown Concrete proposed grades are as shown on the plan set unless called out as a repair area to match existing

FILE NAME

DRAWN BY: APPROVED

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- <u>10</u> Before pouring PC Concrete parking and sidewalks the meet ADA specifications will be torn out and r-poured to meet ADA specifications. Concrete poured that does not contractor shall contact the inspector/owner to veri ify grades
- PC Concrete to have a light broomed finish.
- ADA stalls shall be striped per ADA specifications accessible stalls for 2 van
- 4 3 Each stall shall have a van accessible signage on Place truncated dome per ADA specs where show 'n on plan.
- where shown on plans per ADA specifications. a post
- Adjust existing Manhole lid in parking/driveway on Re-stripe parking stalls as currently located, pull/off delivery proposed grades. plans to

5

16.

area line and stop sign line.

#### Benchmark

Benchmark set at cul-de-sac intake. Plan Elev. = 100

8

### Legend

Removal of Existing Pavers

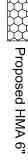


**Proposed Elevations** 

100.39

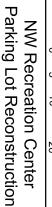


Proposed Concrete per plans



Proposed HMA 5"



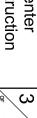


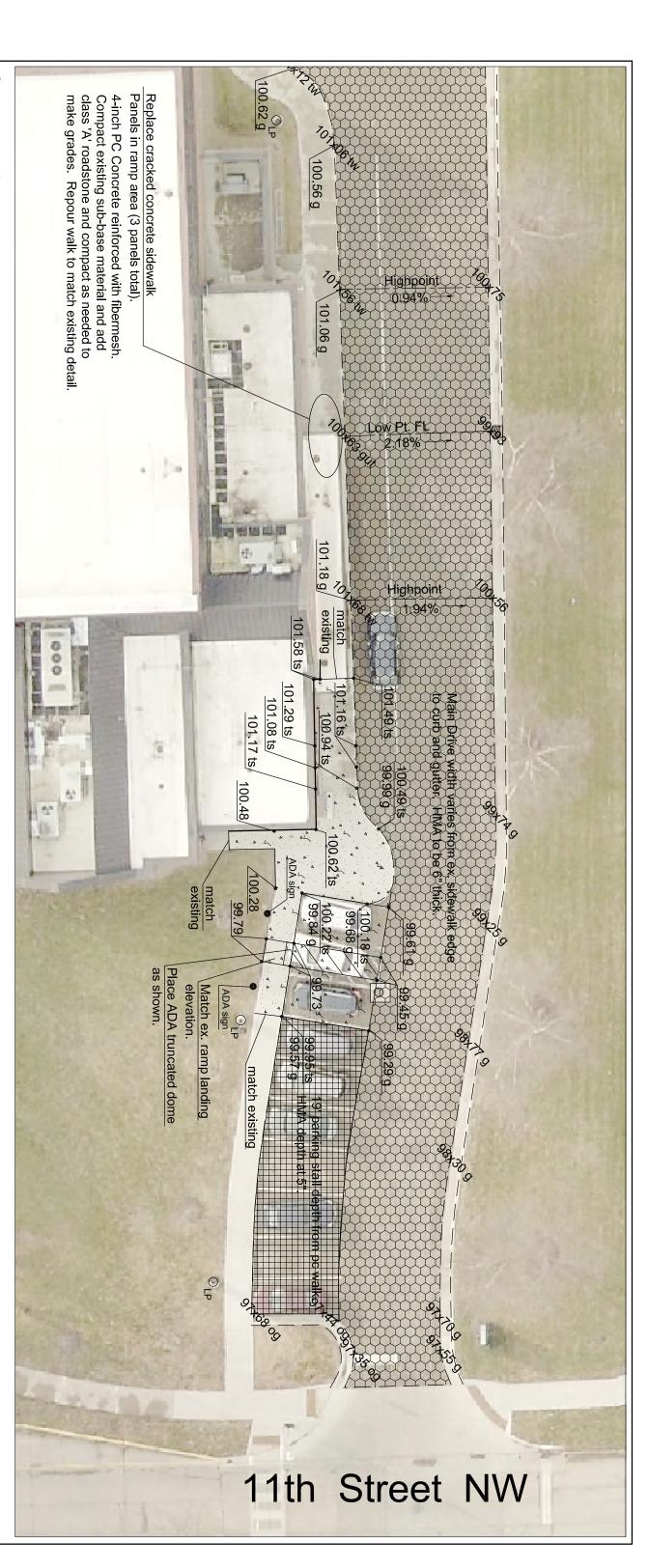
Construction Plar

\_E NO: 307###









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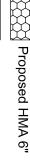
Removal of Existing Pavers Existing Elevations





100.39

Proposed Concrete per plans Proposed Elevations



Proposed HMA 5"

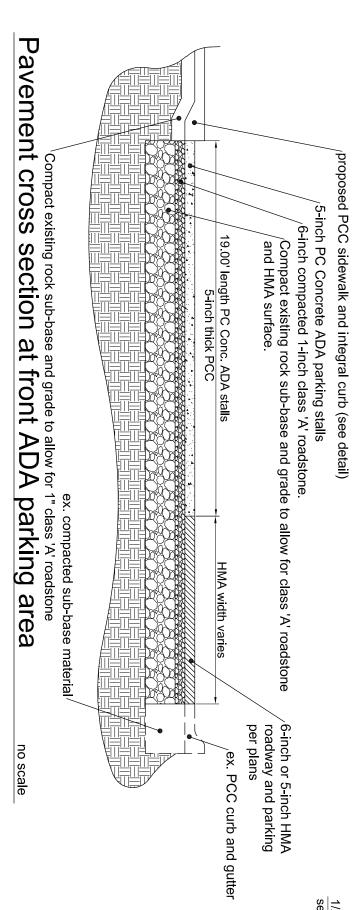


Parking Lot Reconstruction **NW Recreation Center** 

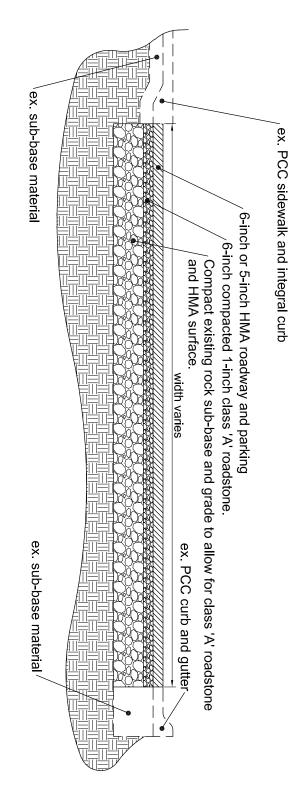
Construction Plan



4



- \* HMA pavement width varies.
- \* HMA pavement thickness per plans.
- PC Concrete pavement thickness per plans
- Existing PCC sidewalk transitions to proposed pavement surface elevation at ADA access aisle Remove existing aisle panel and re-pour with ADA truncated domes.



# Typical HMA pavement cross-section

- \* HMA pavement width varies.\* HMA pavement thickness per plans.

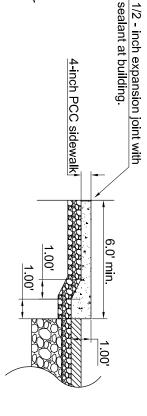
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REVISION DESCRIPTION

CEDAR RAPIDS



## Integral PCC idewalk detai

with new grades as shown in plans. 6.0' typical minimum sidewalk width. Match existing sidewalk placement location

no scale

- sub-base material as needed Re-grade existing sub-base material for proposed sidewalk grades. add additional
- 4-inch thick PC Concrete sidewalk with 12-inch thickened edge at driveway per detail above
- slopes prior to pouring with All sidewalk proposed grades per plan. Contractor shall verify compliance with ADA repoured at the contractor's Concrete sidewalk installed expense until satisfactory. that does not meet ADA slope requirements will be nspector or owner's representative in the field.

4'x8' Sign installed. Owner Supplied, Contractor U arking Lot and Stormwater **NW Recreation Center** Remediation Project

Traffic sign steel posts

no scale

No Scale

Stormwater Sign

Parking Lot Reconstruction **NW Recreation Center** 

Construction Detail

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