Minneapolis
City of Lakes

# Seward Bike Blvds - Project Scope

October 13, 2016

**Base Project:**
Federal, County & Local

- Curb Extension Federal & local
- Bike Blvd Symbol County, fed & local
- Traffic Circle County & local

- Bike Boulevard Route
- Alternative Endpoint (Lake St at 28th Ave S)
- Street w/ >2000 vpd
- Existing Trail
- Street w/ >4000 vpd

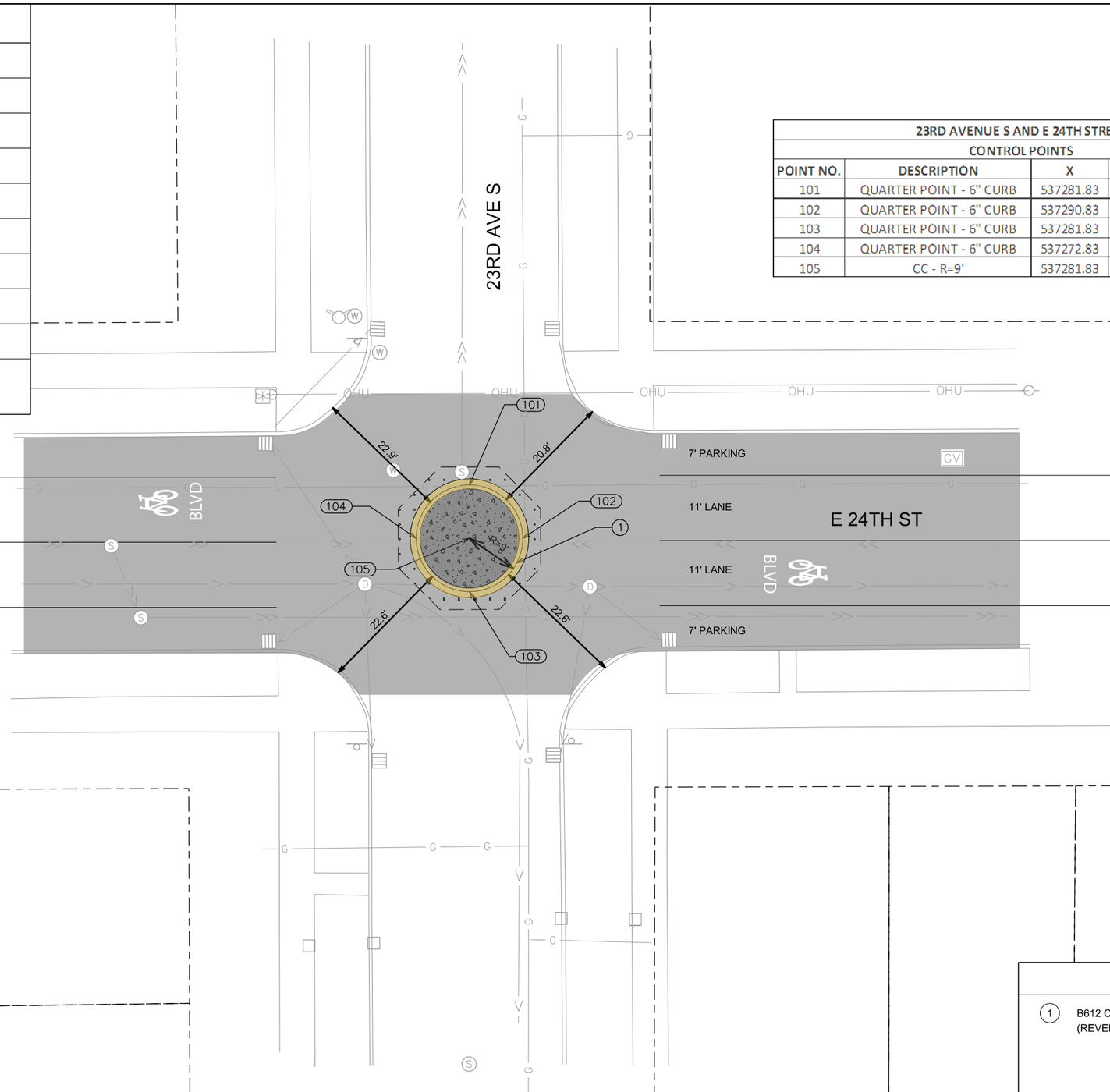
N



**Project Contact:** Forrest Hardy - Forrest.Hardy@MinneapolisMN.Gov

## LEGEND

| | |
|---|---|
| | CURB & GUTTER (PROPOSED) |
| | STAMPED CONCRETE (PROPOSED) |
| | BITUMINOUS TREATMENT (PROPOSED) |
| D | EXISTING MANHOLE |
| | PROPOSED CATCH BASIN |
| | EXISTING CATCH BASIN |
| | EXISTING SIGN |
| | DRAINAGE FLOW ARROW |
| XXX | REFERENCE POINT AT CURB |
| | RIGHT-OF-WAY |




| 23RD AVENUE S AND E 24TH STREET | | | | |
|---|---|---|---|---|
| CONTROL POINTS | | | | |
| POINT NO. | DESCRIPTION | X | Y | ELEVATION |
| 101 | QUARTER POINT - 6" CURB | 537281.83 | 161314.28 | - |
| 102 | QUARTER POINT - 6" CURB | 537290.83 | 161305.28 | - |
| 103 | QUARTER POINT - 6" CURB | 537281.83 | 161296.28 | - |
| 104 | QUARTER POINT - 6" CURB | 537272.83 | 161305.28 | - |
| 105 | CC - R=9' | 537281.83 | 161305.28 | |

## SPECIFIC NOTES

1. B612 CURB AND GUTTER (REVERSE SLOPE)

$Time$

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(763) 852-2100

Minneapolis Public Works

CONSTRUCTION PLANS (1 OF 6)

DRW: DATE:
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SEWARD BICYCLE BOULEVARD

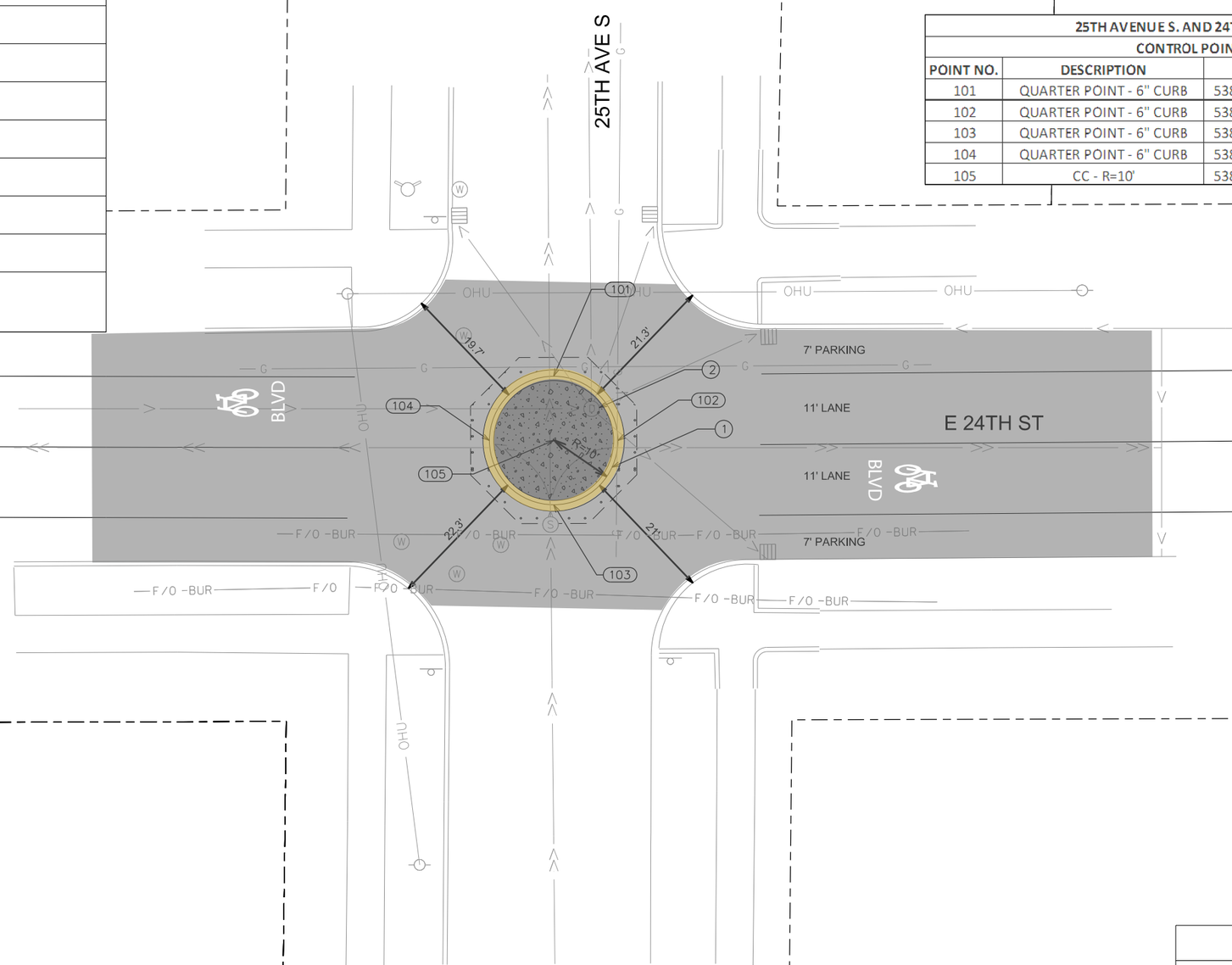
L.P. 602D 1066 S.P. 141-591-012

Pg2

## LEGEND

- CURB & GUTTER (PROPOSED)
- STAMPED CONCRETE (PROPOSED)
- BITUMINOUS TREATMENT (PROPOSED)
- (D) EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- EXISTING SIGN
- DRAINAGE FLOW ARROW
- (XXX) REFERENCE POINT AT CURB
- RIGHT-OF-WAY

| 25TH AVENUE S. AND 24TH STREET E. | | | | |
|---|---|---|---|---|
| CONTROL POINTS | | | | |
| POINT NO. | DESCRIPTION | X | Y | ELEVATION |
| 101 | QUARTER POINT - 6" CURB | 538087.62 | 161319.28 | - |
| 102 | QUARTER POINT - 6" CURB | 538097.62 | 161309.28 | - |
| 103 | QUARTER POINT - 6" CURB | 538087.62 | 161299.28 | - |
| 104 | QUARTER POINT - 6" CURB | 538077.62 | 161309.28 | - |
| 105 | CC - R=10' | 538087.62 | 161309.28 | |




## SPECIFIC NOTES

1. B612 CURB AND GUTTER (REVERSE SLOPE)
2. ADJUST RING FRAME AND CASTING. SEE STANDARD PLATE SEWR-1011-R1

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FILE NAME =
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## LEGEND

- CURB & GUTTER (PROPOSED)
- CONCRETE WALK (PROPOSED)
- BITUMINOUS TREATMENT (PROPOSED)
- TRUNCATED DOMES
- LANDING AREA - 4' X 4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
- PROPOSED MANHOLE
- D EXISTING MANHOLE
- PROPOSED CATCH BASIN
- EXISTING CATCH BASIN
- EXISTING SIGN
- DRAINAGE FLOW ARROW
- XXX REFERENCE POINT AT BACK OF CURB
- XX PROPOSED STORM SEWER NUMBER
- RIGHT-OF-WAY

## GENERAL NOTES

LANDINGS SHALL BE CONNECTED TO EXISTING OR NEW SIDEWALKS AND MAINTAIN A MINIMUM 4' WIDTH PEDESTRIAN ACCESS ROUTE (PAR) WITH A RUNNING SLOPE THAT DOES NOT EXCEED 8.3%.

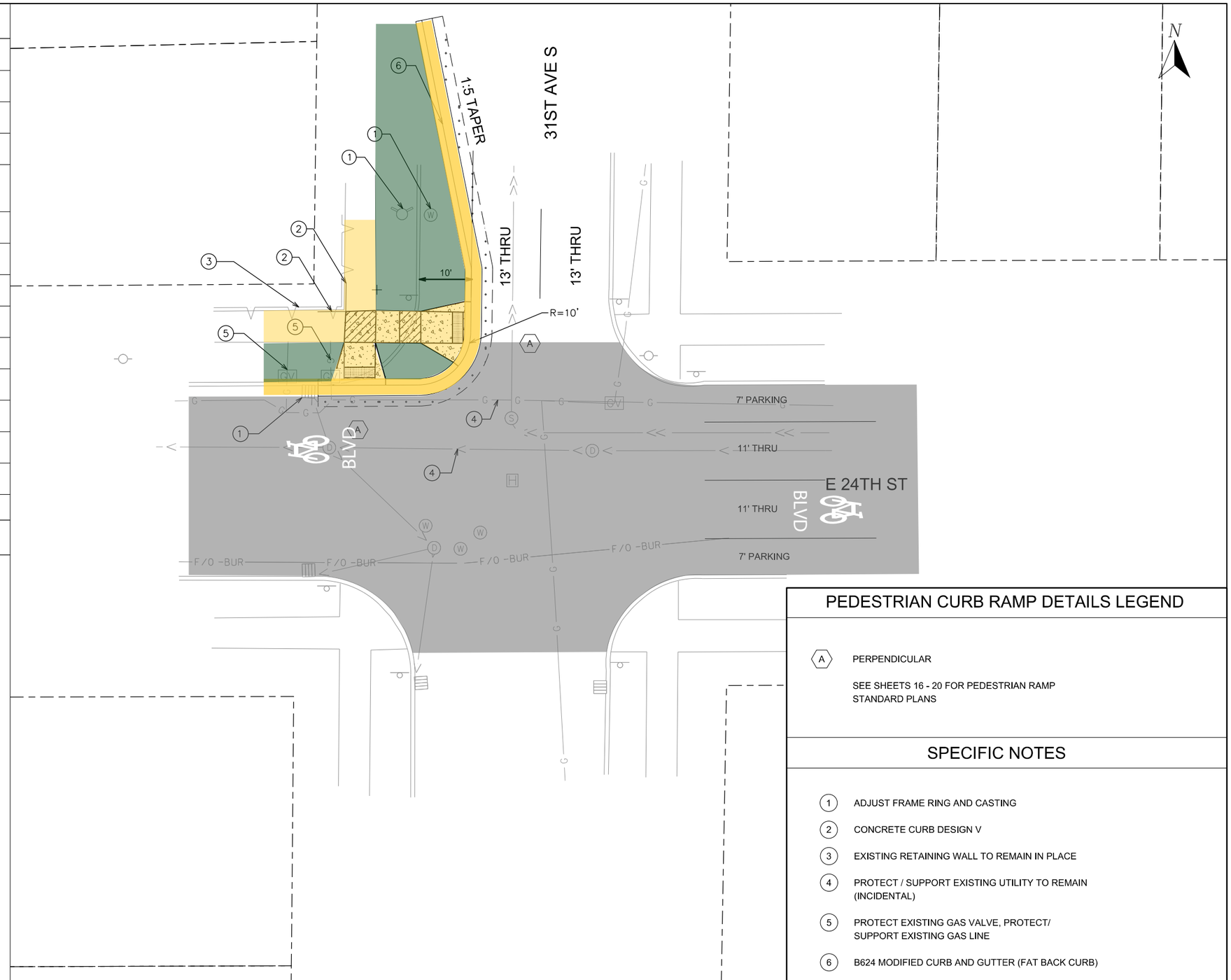
WALKWAYS WITHIN PAR THAT ARE NOT LANDINGS OR RAMPS SHALL MAINTAIN A MINIMUM WIDTH OF 4' AND SHALL NOT EXCEED A RUNNING SLOPE OF 5.0% AND A CROSS SLOPE OF 2.0%. PANELS WARPED TO MATCH EXISTING CROSS SLOPES SHALL ALSO MAINTAIN A MINIMUM 4' WIDTH PAR AND SHALL NOT EXCEED A 5.0% RUNNING SLOPE.

CONTRACTOR SHALL VERIFY RADIUS AND ARC LENGTHS ENDED AT RADIAL DOME CORNERS PRIOR TO ORDERING AND INSTALLING DOMES.

PERMISSION FOR WORK SHOWN OUTSIDE OF THE RIGHT OF WAY IS TO BE OBTAINED VIA RIGHT OF ENTRY BY THE ENGINEER.

ELEVATIONS IDENTIFIED AT GUTTER FLOW LINE.

REFER TO SIDEWALK STANDARD SPEC TO AVOID CORNER BREAKS DURING AND AFTER CONSTRUCTION.




## PEDESTRIAN CURB RAMP DETAILS LEGEND

A PERPENDICULAR

SEE SHEETS 16 - 20 FOR PEDESTRIAN RAMP STANDARD PLANS

## SPECIFIC NOTES

1. ADJUST FRAME RING AND CASTING
2. CONCRETE CURB DESIGN V
3. EXISTING RETAINING WALL TO REMAIN IN PLACE
4. PROTECT / SUPPORT EXISTING UTILITY TO REMAIN (INCIDENTAL)
5. PROTECT EXISTING GAS VALVE, PROTECT/ SUPPORT EXISTING GAS LINE
6. B624 MODIFIED CURB AND GUTTER (FAT BACK CURB)

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## LEGEND

- CURB & GUTTER (PROPOSED)
- CONCRETE WALK (PROPOSED)
- BITUMINOUS TREATMENT (PROPOSED)
- TRUNCATED DOMES
- LANDING AREA - 4' X 4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
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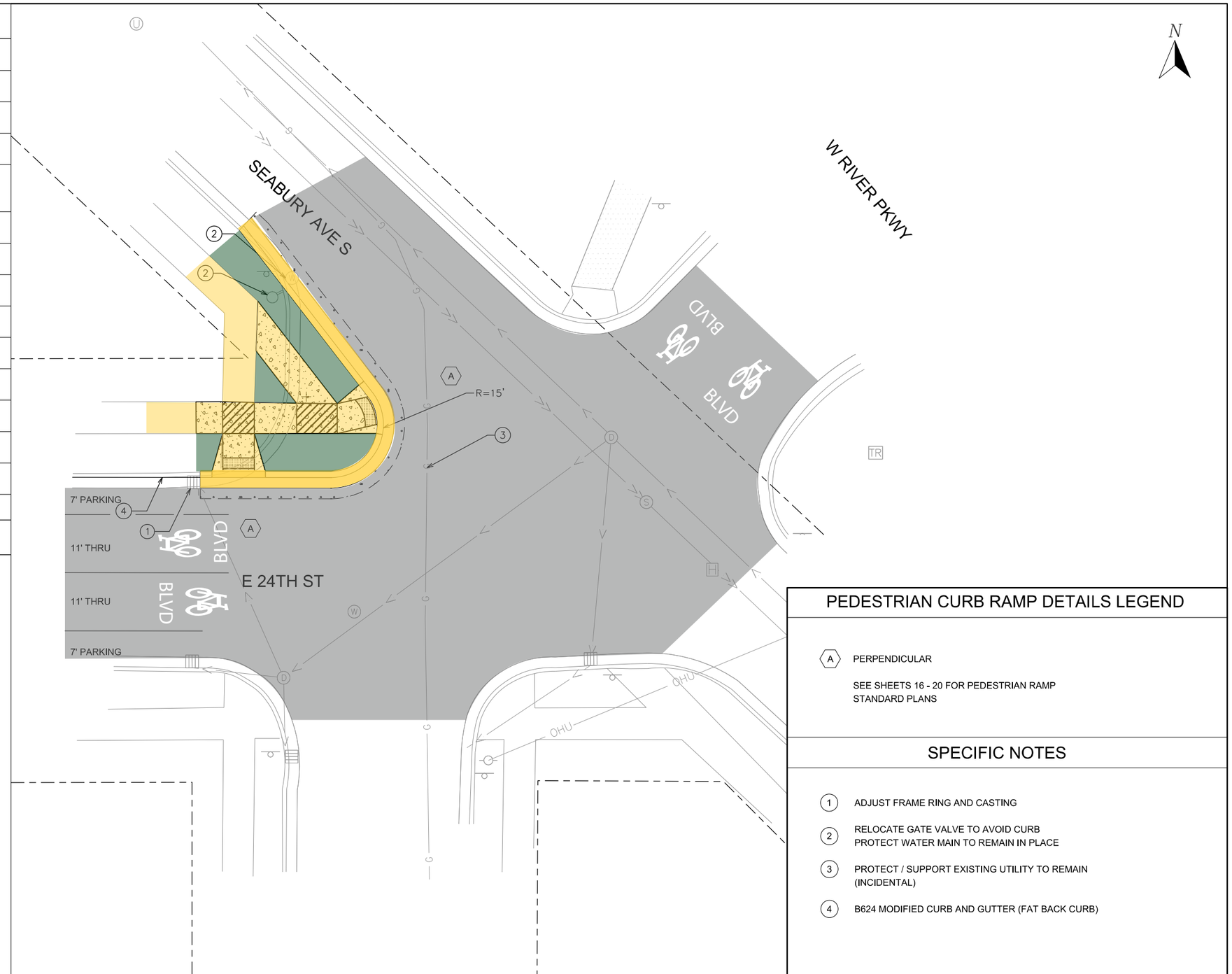


## PEDESTRIAN CURB RAMP DETAILS LEGEND

(A) PERPENDICULAR

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## SPECIFIC NOTES

1. ADJUST FRAME RING AND CASTING
2. RELOCATE GATE VALVE TO AVOID CURB PROTECT WATER MAIN TO REMAIN IN PLACE
3. PROTECT / SUPPORT EXISTING UTILITY TO REMAIN (INCIDENTAL)
4. B624 MODIFIED CURB AND GUTTER (FAT BACK CURB)

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## LEGEND

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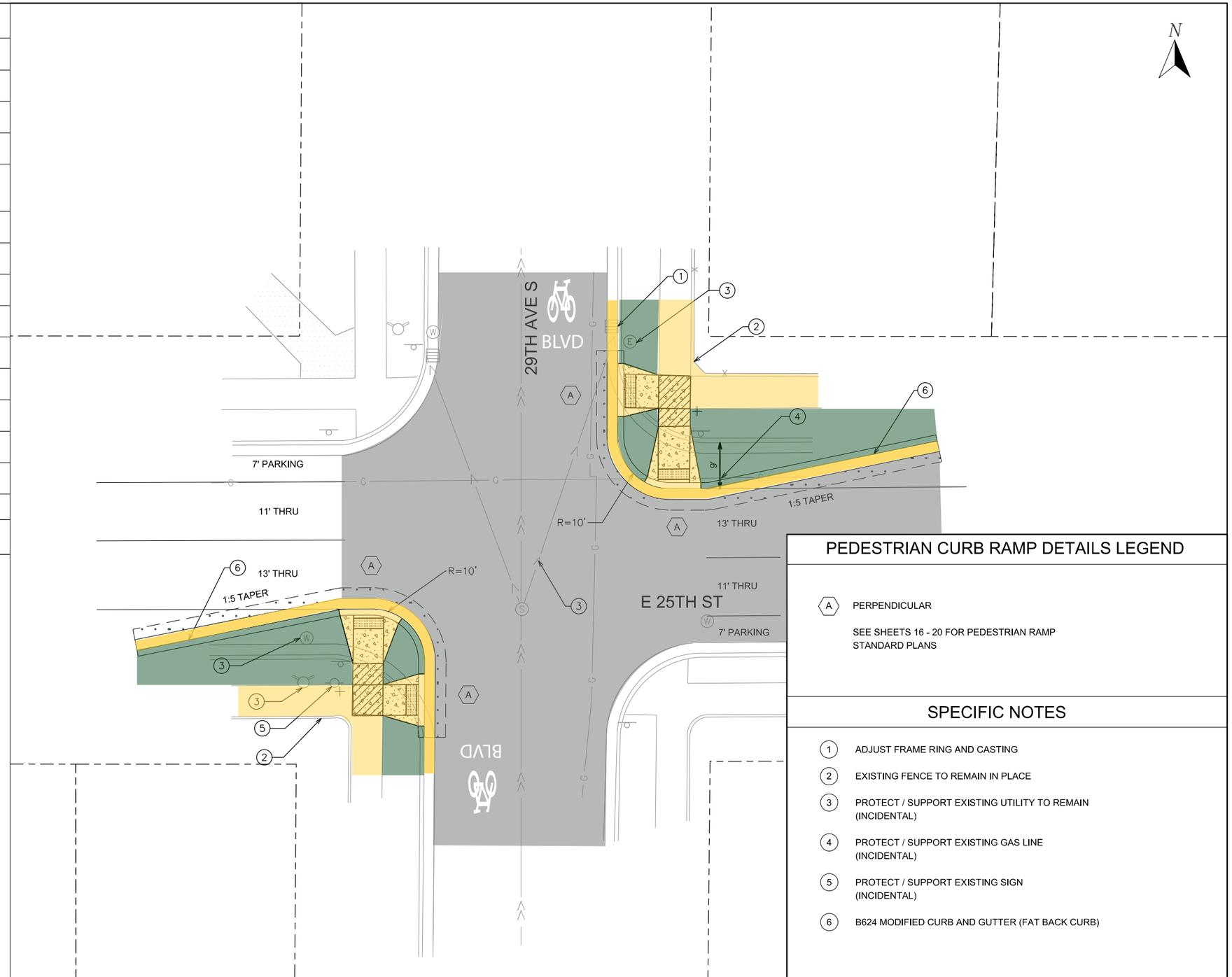


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## LEGEND

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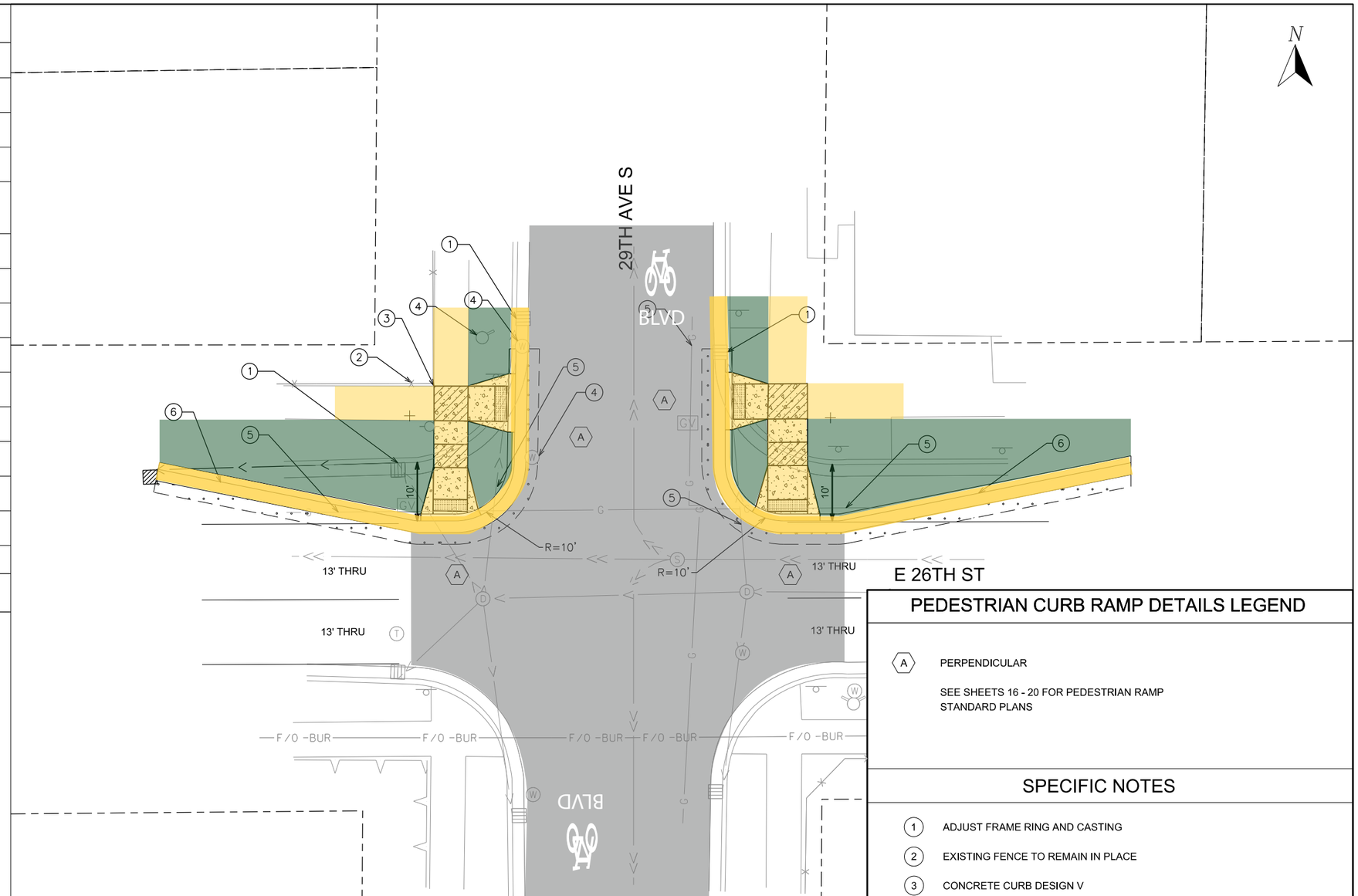


## PEDESTRIAN CURB RAMP DETAILS LEGEND

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