





Project Enhancements:

	Curb Extension		Bike Blvd Symbol
	Traffic Circle		

 Proposed Bike Blvd
County Grant

 Proposed Bike Blvd
Federal Grant

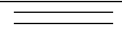
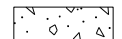




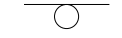

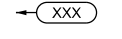
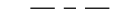
 Existing Trail

 Street with >2000 vpd

 Street with >4000 vpd

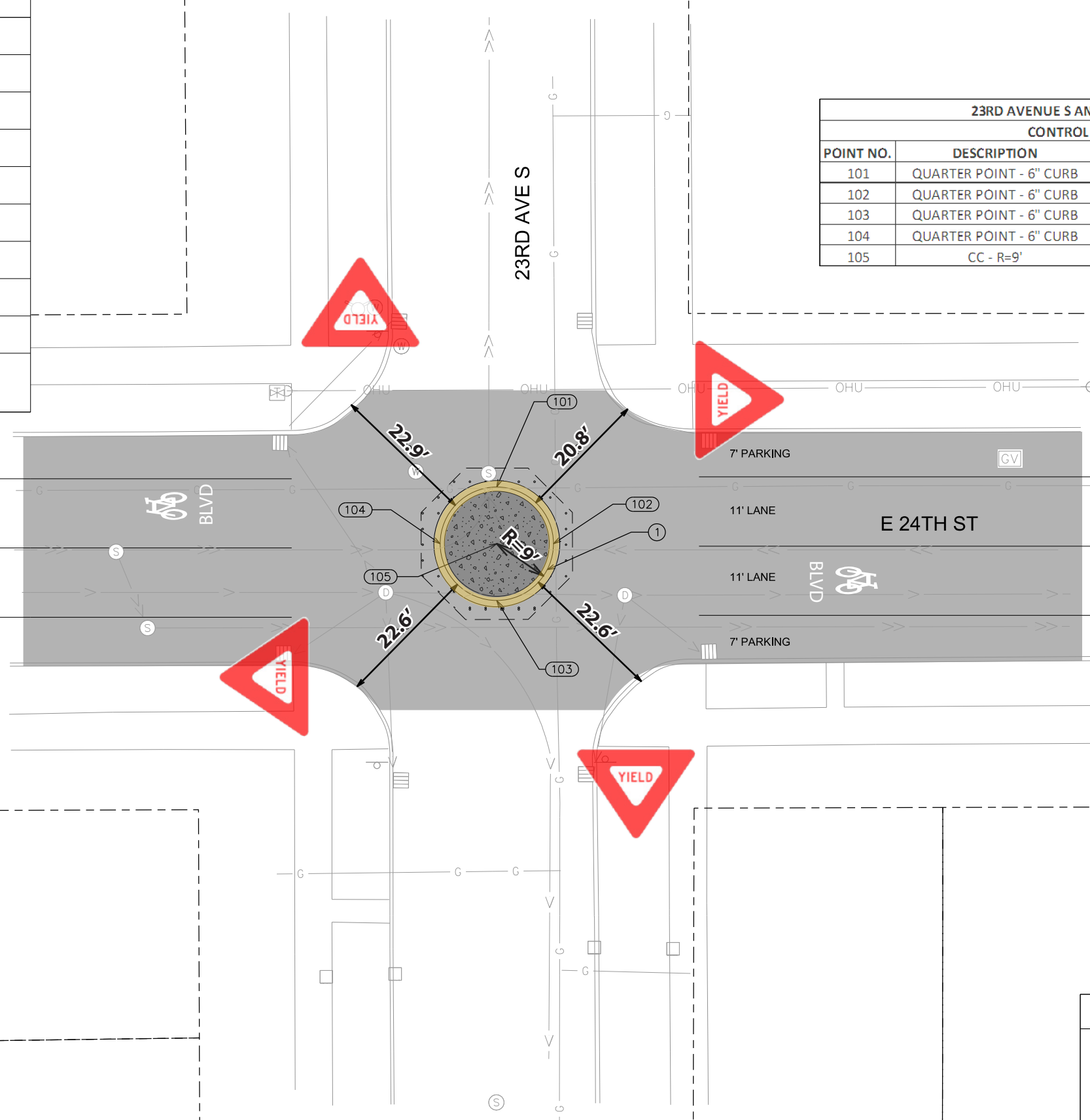


LEGEND

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



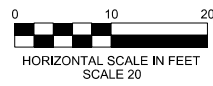
23RD AVENUE S AND E 24TH STREET				
CONTROL POINTS				
POINT NO.	DESCRIPTION	X	Y	ELEVATION
101	QUARTER POINT - 6" CURB	537281.83	161314.28	-
102	QUARTER POINT - 6" CURB	537290.83	161305.28	-
103	QUARTER POINT - 6" CURB	537281.83	161296.28	-
104	QUARTER POINT - 6" CURB	537272.83	161305.28	-
105	CC - R=9'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



DATE PRINTED = \$Date\$

FILE NAME =


SPECIFIC NOTES	
①	B612 CURB AND GUTTER (REVERSE SLOPE)



NO.	DATE	DRW	CKD	APP	REVISION
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2					
3					
4					
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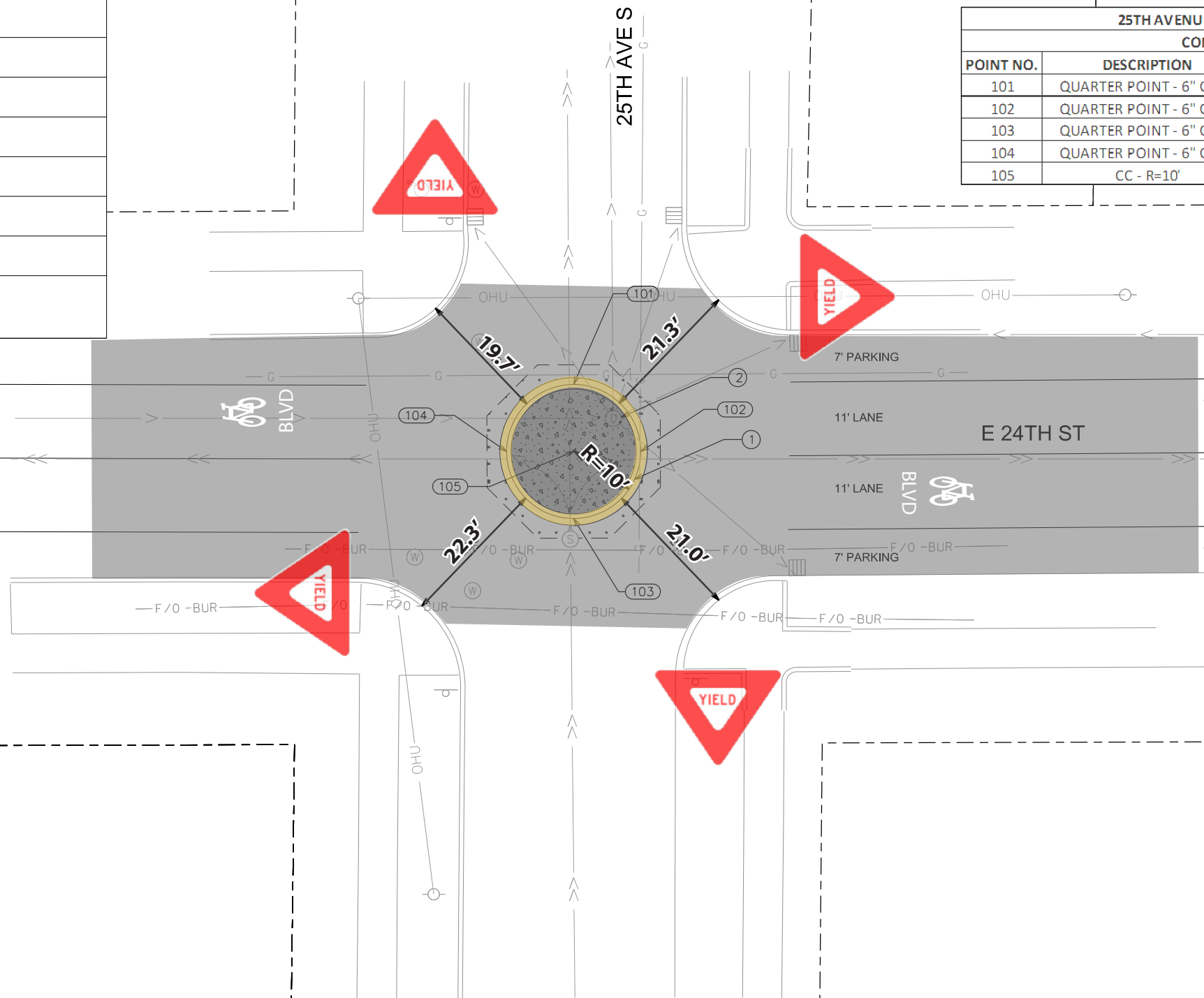
 5500 Wayzata Blvd, Suite 450 Minneapolis, Minnesota 55416 (763) 852-2100	Preliminary Layout		SEWARD BICYCLE BOULEVARD		Pg2
	DRW:	DATE:	L.P. 602D 1066	S.P. 141-591-012	
	CHK:	DATE:			
	APP:	DATE:			

LEGEND

	CURB & GUTTER (PROPOSED)
	STAMPED CONCRETE (PROPOSED)
	BITUMINOUS TREATMENT (PROPOSED)
	EXISTING MANHOLE
	PROPOSED CATCH BASIN
	EXISTING CATCH BASIN
	EXISTING SIGN
	DRAINAGE FLOW ARROW
	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	-

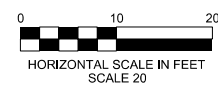


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SPECIFIC NOTES

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



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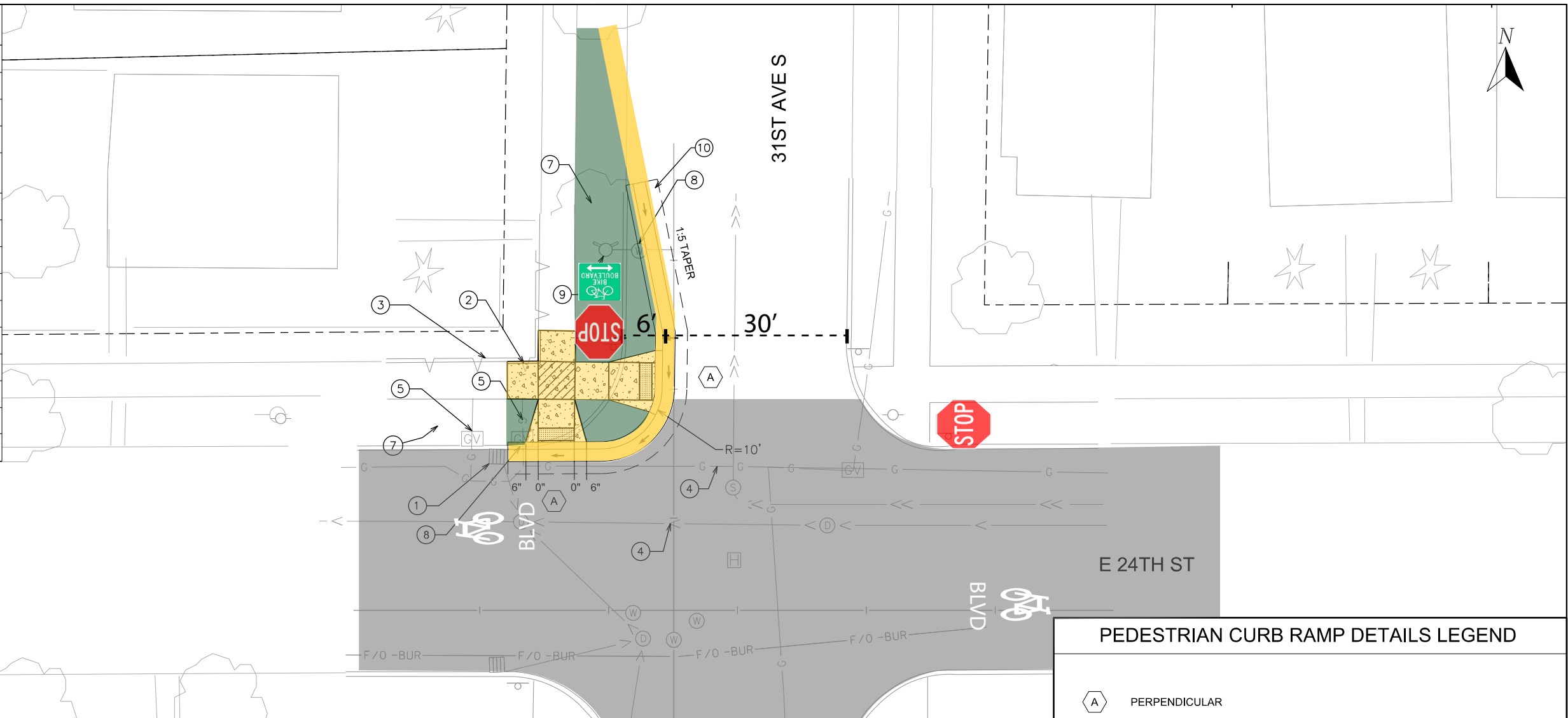
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SEWARD BICYCLE BOULEVARD	
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LEGEND	
	CURB & GUTTER (PROPOSED)
	CONCRETE WALK (PROPOSED)
	BITUMINOUS TREATMENT (PROPOSED)
	TRUNCATED DOMES
	LANDING AREA - 4' X 4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE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



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

	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/SUPPORT EXISTING GAS LINE
- ⑥ B624 MODIFIED CURB AND GUTTER (STANDARD PLATE ROAD-1004)
- ⑦ PROTECT TREE
- ⑧ ADJUST VALVE
- ⑨ ADJUST HYDRANT
- ⑩ BITUMINOUS INCLUDED IN REMOVE AND REPLACE BITUMINOUS PAVEMENT

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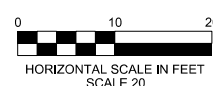
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Minneapolis Public Works

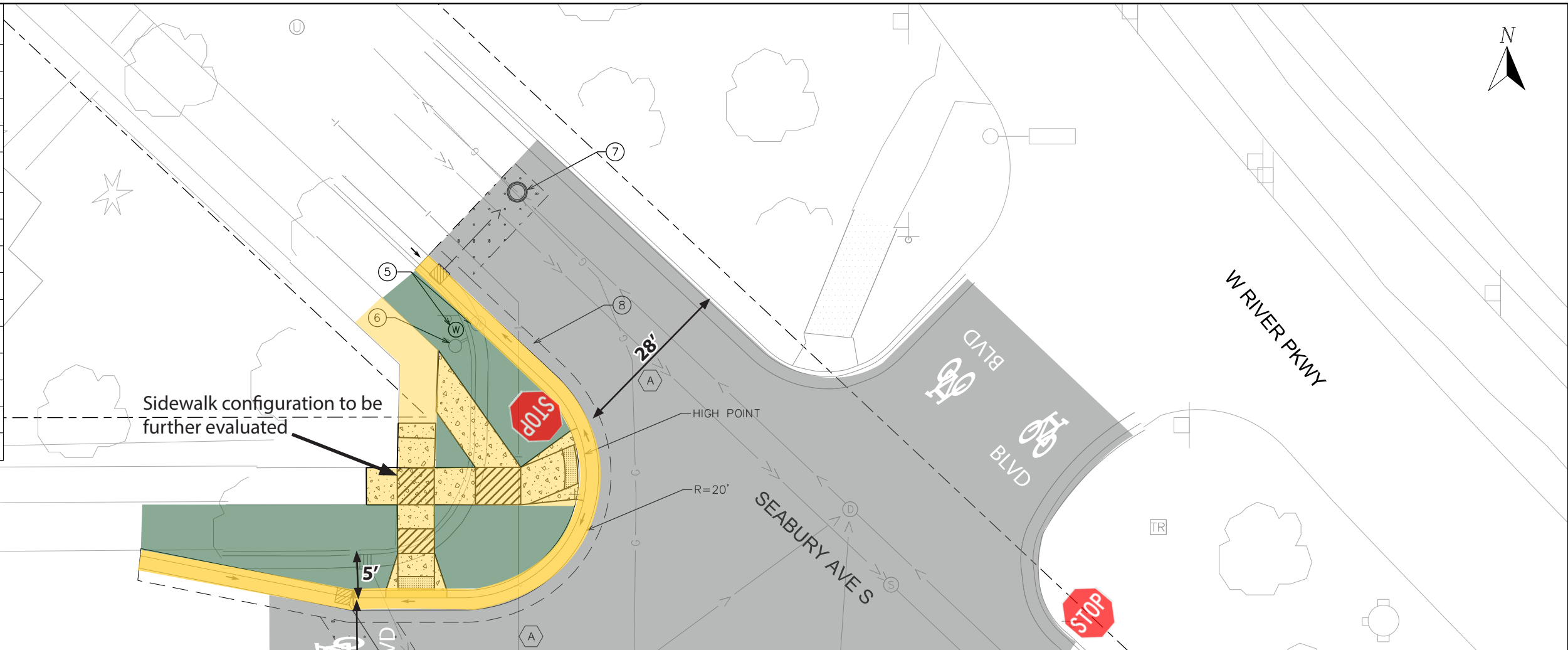
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SEWARD BICYCLE BOULEVARD

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



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
	EXISTING MANHOLE
	PROPOSED CATCH BASIN
	EXISTING CATCH BASIN
	EXISTING SIGN
	DRAINAGE FLOW ARROW
	REFERENCE POINT
	PROPOSED STORM SEWER NUMBER
	RIGHT-OF-WAY
	CURB HEIGHT AT LOCATION SHOWN



Sidewalk configuration to be further evaluated

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

PERPENDICULAR

SEE SHEETS 16 - 20 FOR PEDESTRIAN RAMP STANDARD PLANS

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 (STANDARD PLATE ROAD-1004)
- ⑤ ADJUST VALVE - WORK TO BE PERFORMED BY OTHERS
- ⑥ ADJUST HYDRANT
- ⑦ BUILD MANHOLE OVER EXISTING STORM SEWER. CONNECT EXISTING PIPES TO MANHOLE.
- ⑧ BITUMINOUS INCLUDED IN REMOVE AND REPLACE BITUMINOUS PAVEMENT

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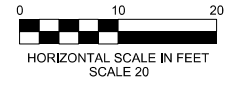
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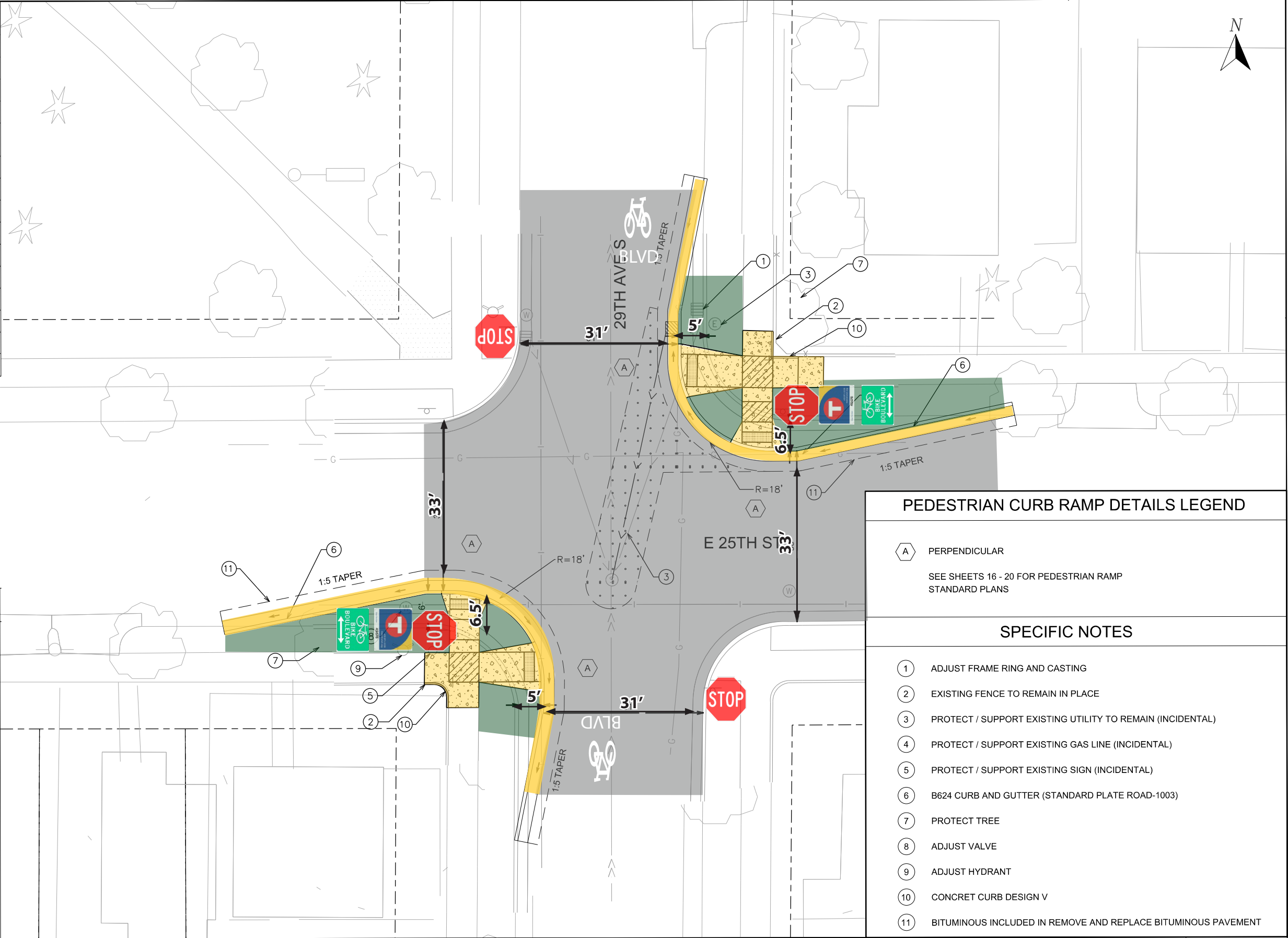
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LEGEND	
	CURB & GUTTER (PROPOSED)
	CONCRETE WALK (PROPOSED)
	BITUMINOUS TREATMENT (PROPOSED)
	TRUNCATED DOMES
	LANDING AREA - 4' X 4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
	PROPOSED MANHOLE
	EXISTING MANHOLE
	PROPOSED CATCH BASIN
	EXISTING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



GENERAL NOTES

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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	
	PERPENDICULAR
SEE SHEETS 16 - 20 FOR PEDESTRIAN RAMP STANDARD PLANS	

SPECIFIC NOTES	
1	ADJUST FRAME RING AND CASTING
2	EXISTING FENCE TO REMAIN IN PLACE
3	PROTECT / SUPPORT EXISTING UTILITY TO REMAIN (INCIDENTAL)
4	PROTECT / SUPPORT EXISTING GAS LINE (INCIDENTAL)
5	PROTECT / SUPPORT EXISTING SIGN (INCIDENTAL)
6	B624 CURB AND GUTTER (STANDARD PLATE ROAD-1003)
7	PROTECT TREE
8	ADJUST VALVE
9	ADJUST HYDRANT
10	CONCRET CURB DESIGN V
11	BITUMINOUS INCLUDED IN REMOVE AND REPLACE BITUMINOUS PAVEMENT

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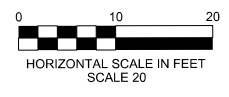
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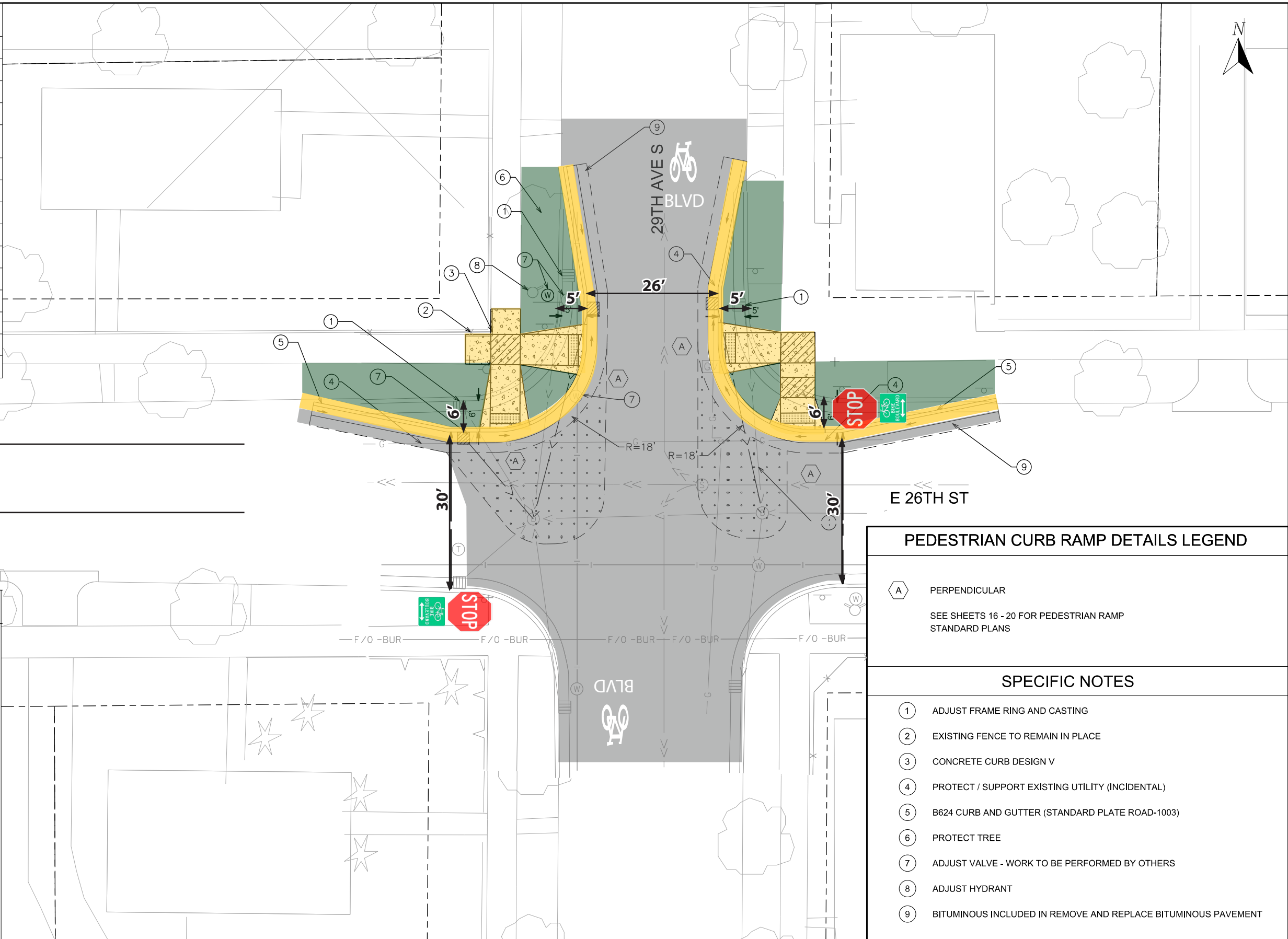
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LEGEND	
	CURB & GUTTER (PROPOSED)
	CONCRETE WALK (PROPOSED)
	BITUMINOUS TREATMENT (PROPOSED)
	TRUNCATED DOMES
	LANDING AREA - 4' X 4' MIN. DIMENSIONS AND MAX. 2.0% SLOPE IN ALL DIRECTIONS
	PROPOSED MANHOLE
	EXISTING MANHOLE
	PROPOSED CATCH BASIN
	EXISTING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



GENERAL NOTES

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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	
	PERPENDICULAR
SEE SHEETS 16 - 20 FOR PEDESTRIAN RAMP STANDARD PLANS	
SPECIFIC NOTES	
①	ADJUST FRAME RING AND CASTING
②	EXISTING FENCE TO REMAIN IN PLACE
③	CONCRETE CURB DESIGN V
④	PROTECT / SUPPORT EXISTING UTILITY (INCIDENTAL)
⑤	B624 CURB AND GUTTER (STANDARD PLATE ROAD-1003)
⑥	PROTECT TREE
⑦	ADJUST VALVE - WORK TO BE PERFORMED BY OTHERS
⑧	ADJUST HYDRANT
⑨	BITUMINOUS INCLUDED IN REMOVE AND REPLACE BITUMINOUS PAVEMENT

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