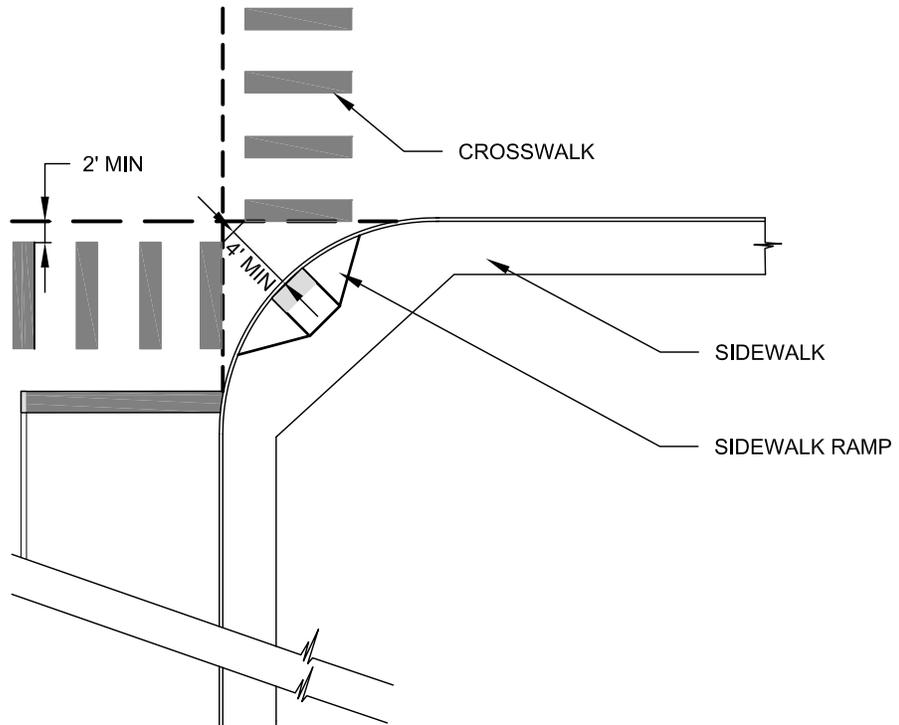
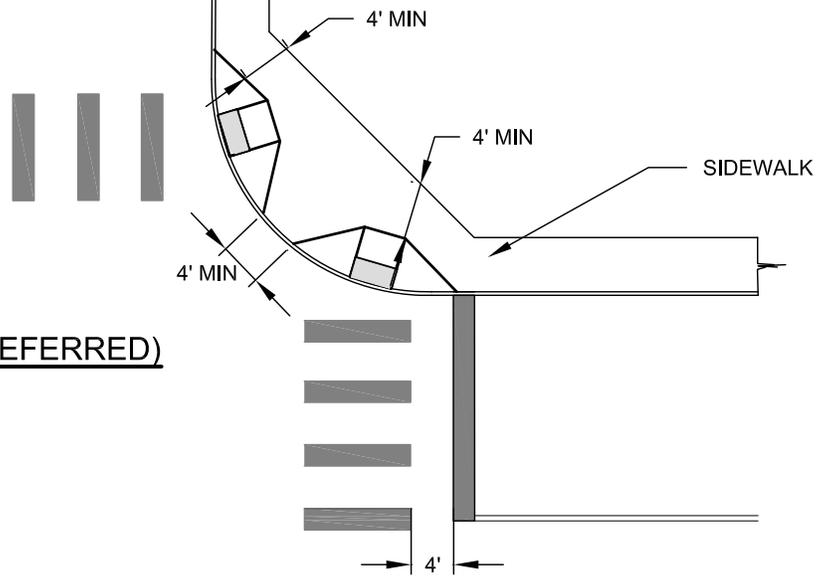


**SINGLE CURB  
RAMP LAYOUT**  
NTS



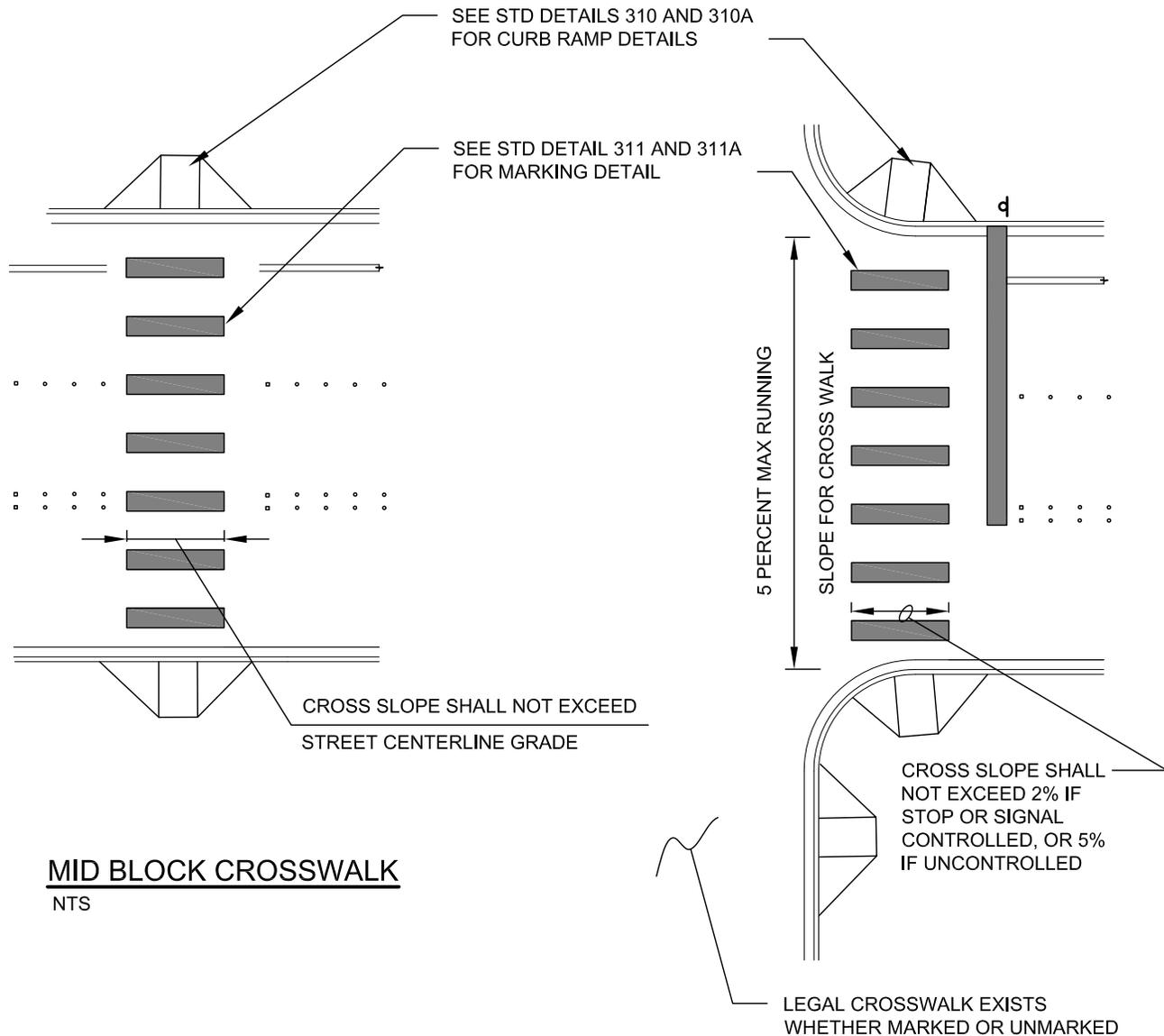
**DUAL CURB (PREFERRED)  
RAMP LAYOUT**  
NTS



NOTES:

1. SEE STANDARD DETAILS F-40.12-01, F-40.14-01, F-40.15-01, AND F-40.16-01 FOR ADDITIONAL DETAILS ON RAMP CONSTRUCTION.
2. SEE STANDARD DETAILS 311, 311A & 311B FOR ADDITIONAL DETAILS ON CROSSWALK AND STOP BAR CONSTRUCTION.
3. RAMP MUST BE WITHIN CROSSWALK.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS	
APPROVED BY: RON GRANT CITY ENGINEER			<b>SIDEWALK RAMP LAYOUT</b>	
REVISION DATE: JUNE 01, 2013			FILE NAME: SD310B.DWG	DETAIL NUMBER: <b>99-310B</b>



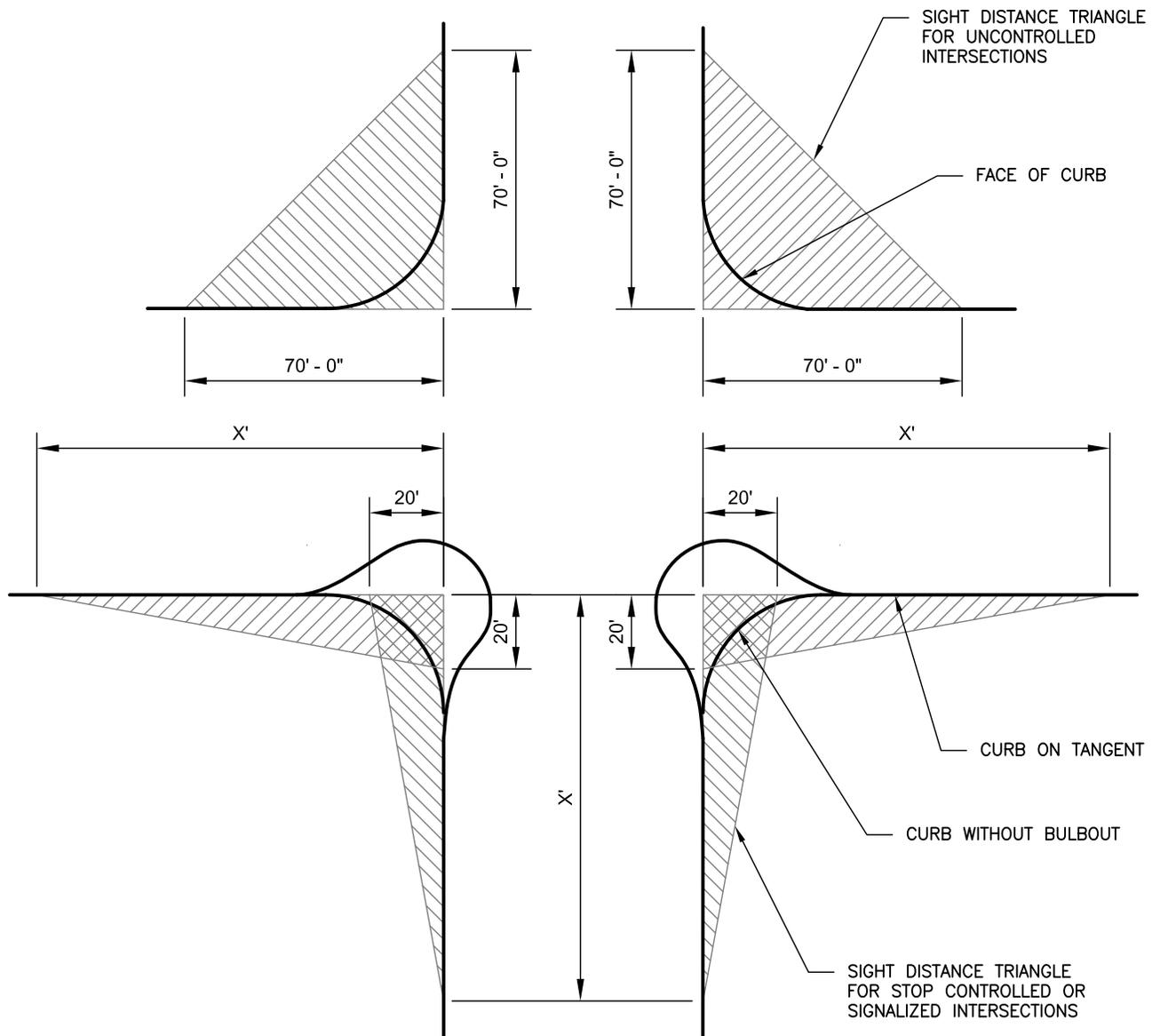
**MID BLOCK CROSSWALK**  
NTS

**CROSSWALKS AT INTERSECTION**  
NTS

NOTES:

1. STANDARDS APPLY TO BOTH MARKED AND UNMARKED CROSSWALKS.
2. INSTALLATION SHALL REFLECT "REVISED DRAFT GUIDELINES FOR ACCESSIBLE PUBLIC RIGHTS-OF-WAY" DATED NOVEMBER 2005, EXCEPT AS APPROVED BY THE TRAFFIC ENGINEER.
3. RAMPS SHALL BE INSTALLED FOR ALL LEGAL CROSSWALKS, WHETHER MARKED OR UNMARKED, EXCEPT AS APPROVED BY THE TRAFFIC ENGINEER.
4. RAMP CROSS SLOPE SHALL NOT EXCEED THE CENTERLINE GRADE OF THE CROSSWALK.
5. SIDEWALK GRADE SHALL NOT EXCEED THE GENERAL GRADE OF THE PARALLEL STREET.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS	
APPROVED BY: RON GRANT CITY ENGINEER			<b>CROSSWALK ACCESSIBILITY DESIGN STANDARDS</b>	
REVISION DATE: JUNE 01, 2013			FILE NAME: SD310C.DWG	DETAIL NUMBER: 99-310C



**PLAN VIEW**

NTS

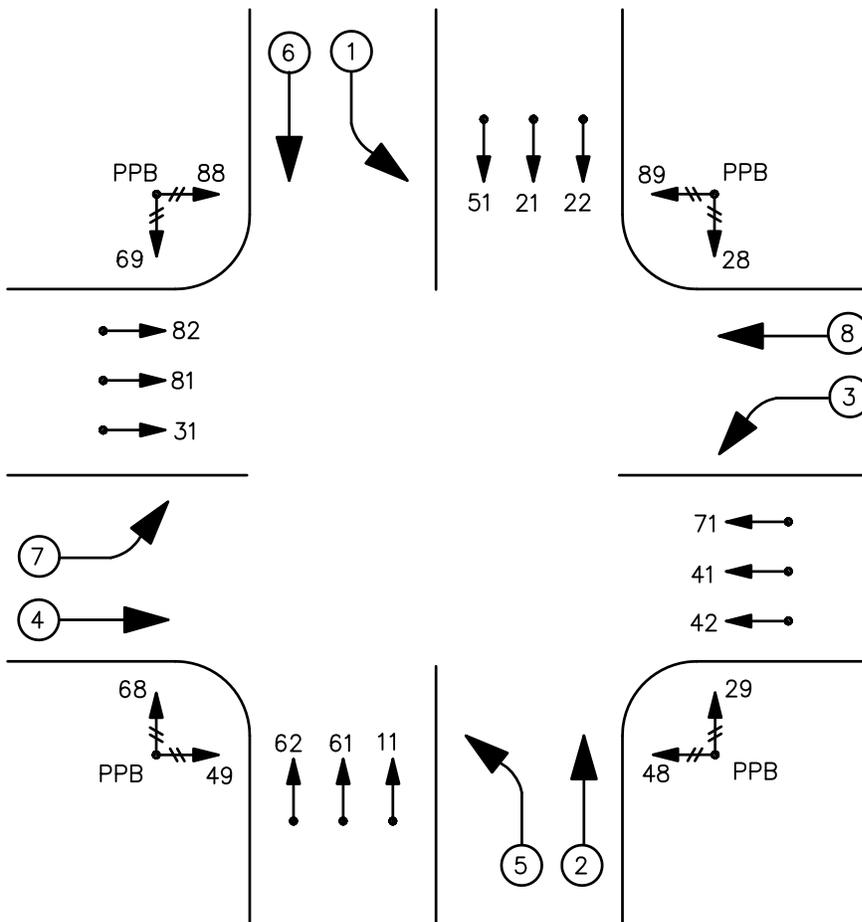
NOTES:

1. X IS a) 100 FEET ALONG ARTERIAL STREETS OR b) 65 FEET ALONG LOCAL ACCESS STREETS.
2. SHOW TRIANGLES FOR STREET AND NON SINGLE FAMILY RESIDENTIAL DRIVEWAY INTERSECTIONS.
3. SIGHT DISTANCE TRIANGLE LEGS ALIGN WITH CURB ON TANGENT.
4. SIGHT DISTANCE TRIANGLE IS APPLICABLE BETWEEN A HEIGHT OF EIGHT AND TWO FEET ABOVE GROUND. NO SIGHT OBSTRUCTIONS SHALL EXIST PER RZC 21.52.040

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS	
APPROVED BY: RON GRANT CITY ENGINEER			<b>SIGHT DISTANCE TRIANGLE</b>	
REVISION DATE: JUNE 01, 2013			FILE NAME: SD408.DWG	DETAIL NUMBER: 99-408

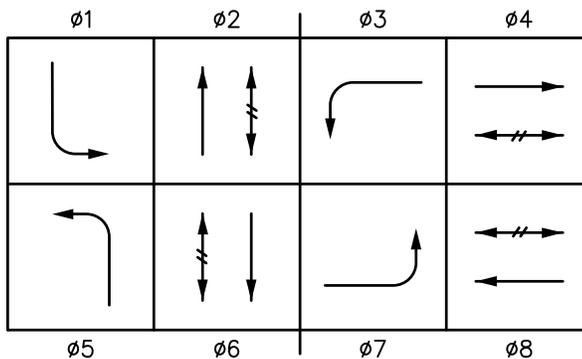
# INTERSECTION HEAD NUMBERS

NTS



# PHASING SEQUENCE DIAGRAM

NTS



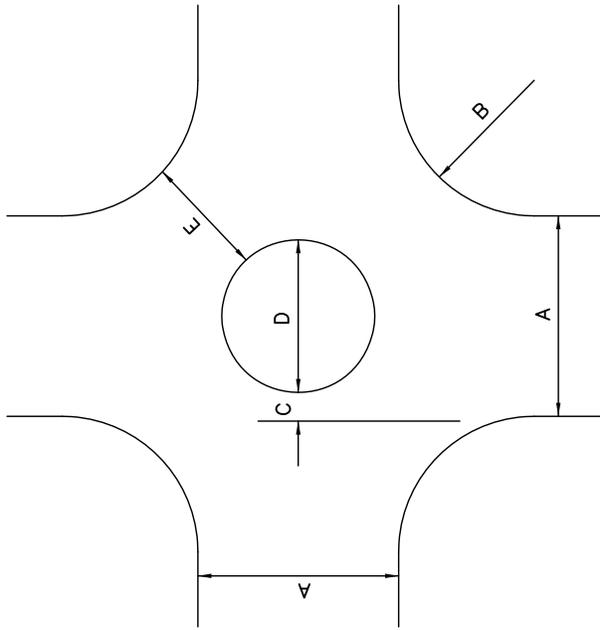
NOTE:

PHASE 2 IS TYPICALLY NORTHBOUND. CONFIRM WITH TRAFFIC OPERATIONS DIVISION. EXCEPTIONS MAY OCCUR, SUCH AS FOR CONSISTENCY ALONG A CURVING ARTERIAL.

## DIMENSIONS

A STREET WIDTH	B CURB RETURN RADIUS	C OFFSET DISTANCE	D CIRCLE DIAMETER	E OPENING WIDTH
20'	<15'	RECONSTRUCT CURBS	9'	16'+
	15'	5.5'	10'	17'+
	18'	5.0'	11'	18'-
	20'	4.5'	12'	19'+
24'	<12'	RECONSTRUCT CURBS	13'	16'
	12'	5.5'	14'	17'-
	15'	5.0'	15'	18'+
	20'	4.5'	17'	20'-
25'	<12'	RECONSTRUCT CURBS	14'	16'+
	12'	5.5'	15'	17'-
	15'	5.0'	16'	18'-
	18'	4.5'	18'	20'-
30'	10'	5.5'	19'	16'+
	12'	5.0'	20'	17'-
	15'	5.0'	20'	17'+
	18'	4.5'	21'	18'+
32'	20'	4.0'	22'	19'+
	25'	3.0'	24'	20'
	10'	5.5'	21'	16'+
	12'	5.0'	22'	17'-
36'	15'	4.5'	23'	18'-
	18'	4.0'	24'	19'-
	20'	4.0'	24'	19'+
	25'	2.5'	27'	20'
40'	10'	5.0'	26'	17'-
	12'	5.0'	26'	17'+
	15'	4.5'	27'	18'+
	18'	4.0'	28'	19'+
40'	20'	3.5'	29'	20'-
	25'	1.5'	33'	20'
	10'	5.0'	30'	17'+
	12'	4.5'	31'	18'+
40'	15'	4.0'	32'	19'-
	18'	3.5'	33'	20'-
	20'	3.0'	34'	20'
	25'	1.0'	38'	20'

## GEOMETRY



## OPTIMUM CRITERIA

- NOTES:
- USE DIMENSION SCHEDULE AS A DESIGN GUIDE. FINAL DIMENSIONS TO BE DETERMINED BY THE ENGINEER.
  - FOR PLANTER ISLAND SPECIFICATIONS SEE TRAFFIC CIRCLE DETAIL SD478.
- |   |  |
|---|--|
| OFFSET<br>DISTANCE<br>(C)                         | OPENING<br>WIDTH<br>(E)                      |
| 5.5' MAX.<br>5.0'<br>4.5'<br>4.0'<br>3.5' OR LESS | 16' MIN.<br>17' ±<br>18' ±<br>19' ±<br>20' ± |

CITY OF REDMOND, WASHINGTON

APPROVED BY: RON GRANT  
CITY ENGINEER

REVISION DATE: JUNE 01, 2013

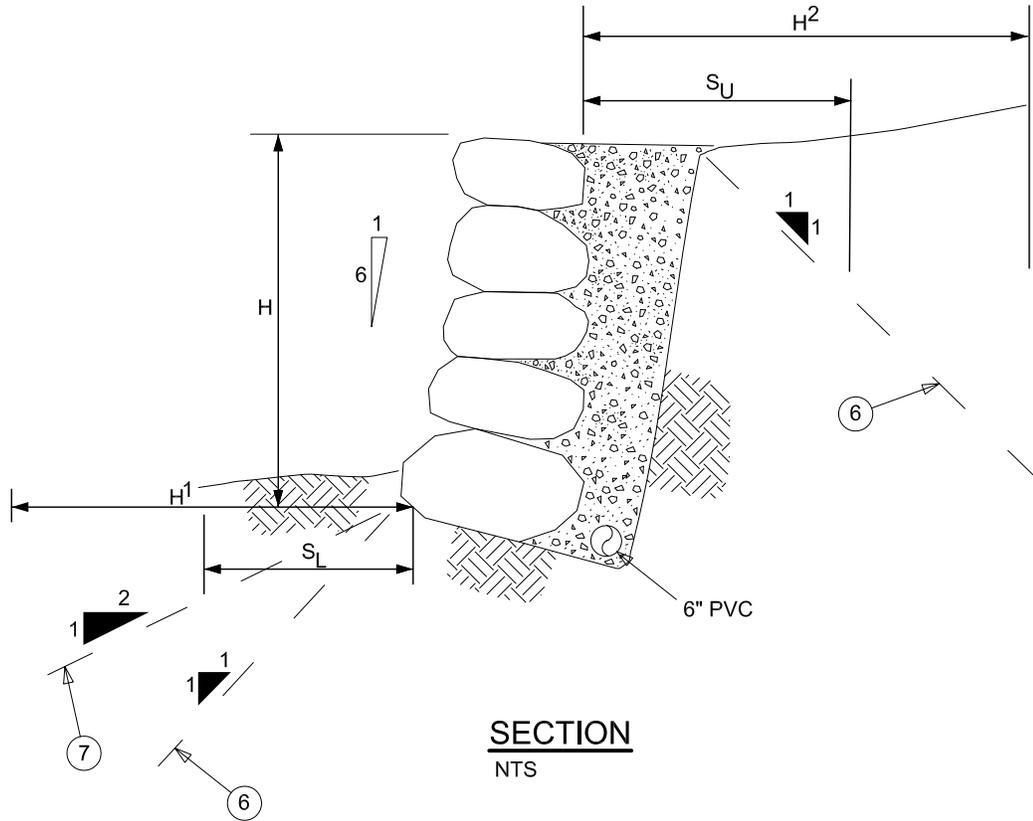


STANDARD DETAILS

## TRAFFIC CIRCLE DIMENSIONS

FILE NAME: SD477.DWG

DETAIL NUMBER: 99-477



**NOTES:**

1. FREE-STANDING HEIGHT OF ROCK WALL, H = VARIES PER DESIGN  
ALL ROCKERY WALLS OF GREATER THAN 4 FEET IN MAXIMUM FREE STANDING HEIGHT SHALL BE DESIGNED BY GEOTECHNICAL ENGINEER
2. MINIMUM SETBACK DISTANCE IN WHICH NO TEMPORARY EXCAVATION OR TRENCHING MAY BE PERFORMED,  $S_U = 5$  FEET
3. MINIMUM SETBACK DISTANCE IN WHICH NO TEMPORARY EXCAVATION OR TRENCHING MAY BE PERFORMED,  $S_L = 2/3H$
4. MINIMUM DISTANCE IN WHICH NO PERMANENT REMOVAL OF SUBGRADE IS ALLOWED,  $H^1 = 10$  FEET
5. MINIMUM DISTANCE IN WHICH NO EXCAVATION OF MATERIAL OR ANY SURCHARGE IS ALLOWED,  $H^2 = 10$  FEET
6. IMAGINARY LINE BELOW WHICH NO EXCAVATION IS ALLOWED ABOVE OR BELOW WALL = 1H:1V
7. IMAGINARY LINE DEPICTING BOUNDS FOR MAXIMUM FINISHED GRADE OR PERMANENT EXCAVATION = 2H:1V
8. DRAINAGE IS REQUIRED BEHIND ROCK WALL, IF ADJACENT TO CITY RIGHT-OF-WAY, AND HEIGHT (H) GREATER THAN 18 INCHES.

CITY OF REDMOND, WASHINGTON			STANDARD DETAILS
APPROVED BY: RON GRANT CITY ENGINEER	<b>TYPICAL ROCKERY DETAIL POST CONSTRUCTION GUIDELINES</b>		
REVISION DATE: JUNE 01, 2013			FILE NAME: SD910.DWG    DETAIL NUMBER: 99-910