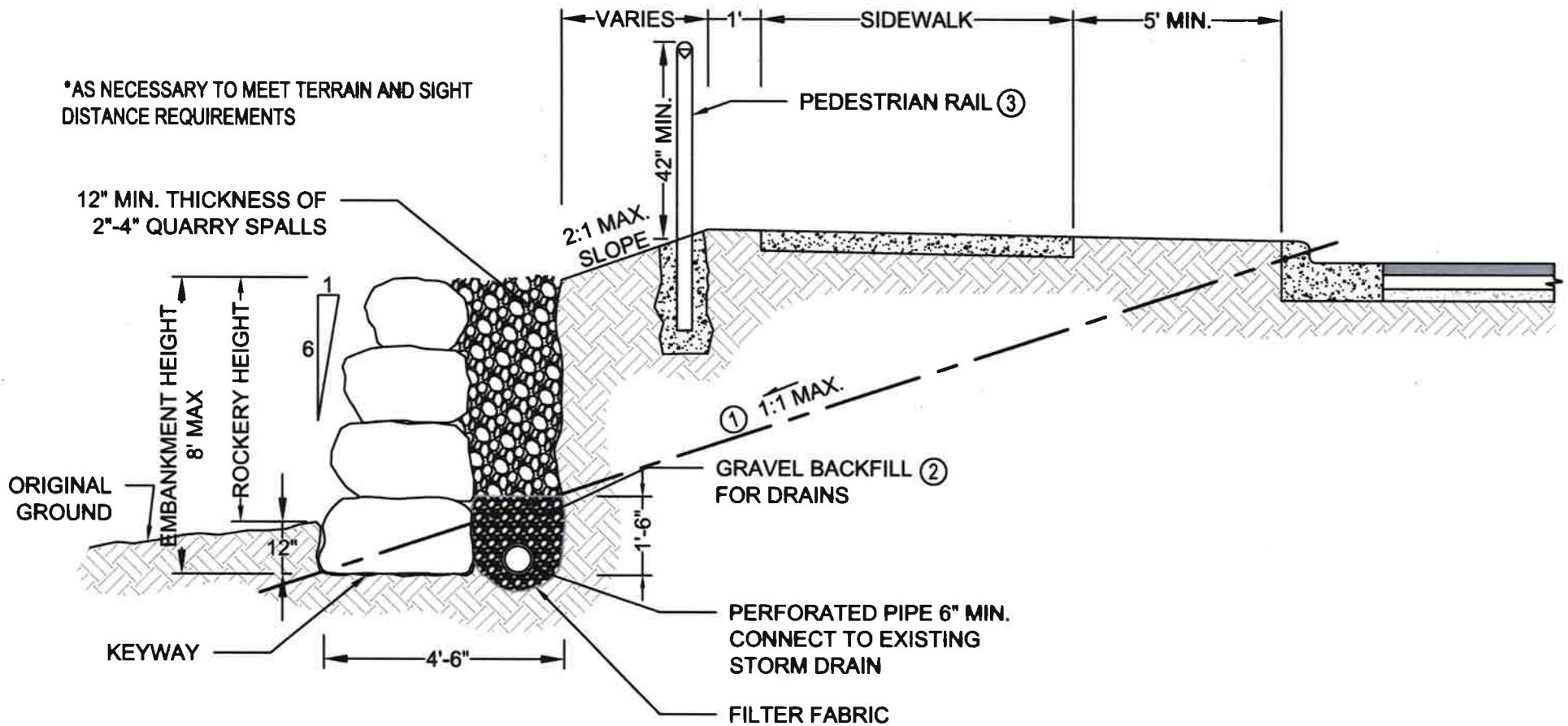


**NOTES:**

- ① SEE WSDOT 9-03.12[4]
- ② IF ROCKERY OR RETAINING WALL IS BEHIND ROLLED CURB, FACE OF ROCKERY OR RETAINING WALL MUST BE A MIN. OF 10' FROM TRAVELED WAY.
- ③ A PEDESTRIAN RAIL, PER STND DWG 324, IS REQUIRED WHEN ROCKERY HEIGHT IS 3' OR GREATER. THE USAGE OF A CHAIN LINK FENCE MAY BE APPROVED.
- ④ ALL ROCKERIES OVER 4' IN HEIGHT ON PUBLIC OR PRIVATE PROPERTY SHALL REQUIRE STRUCTURAL REVIEW.

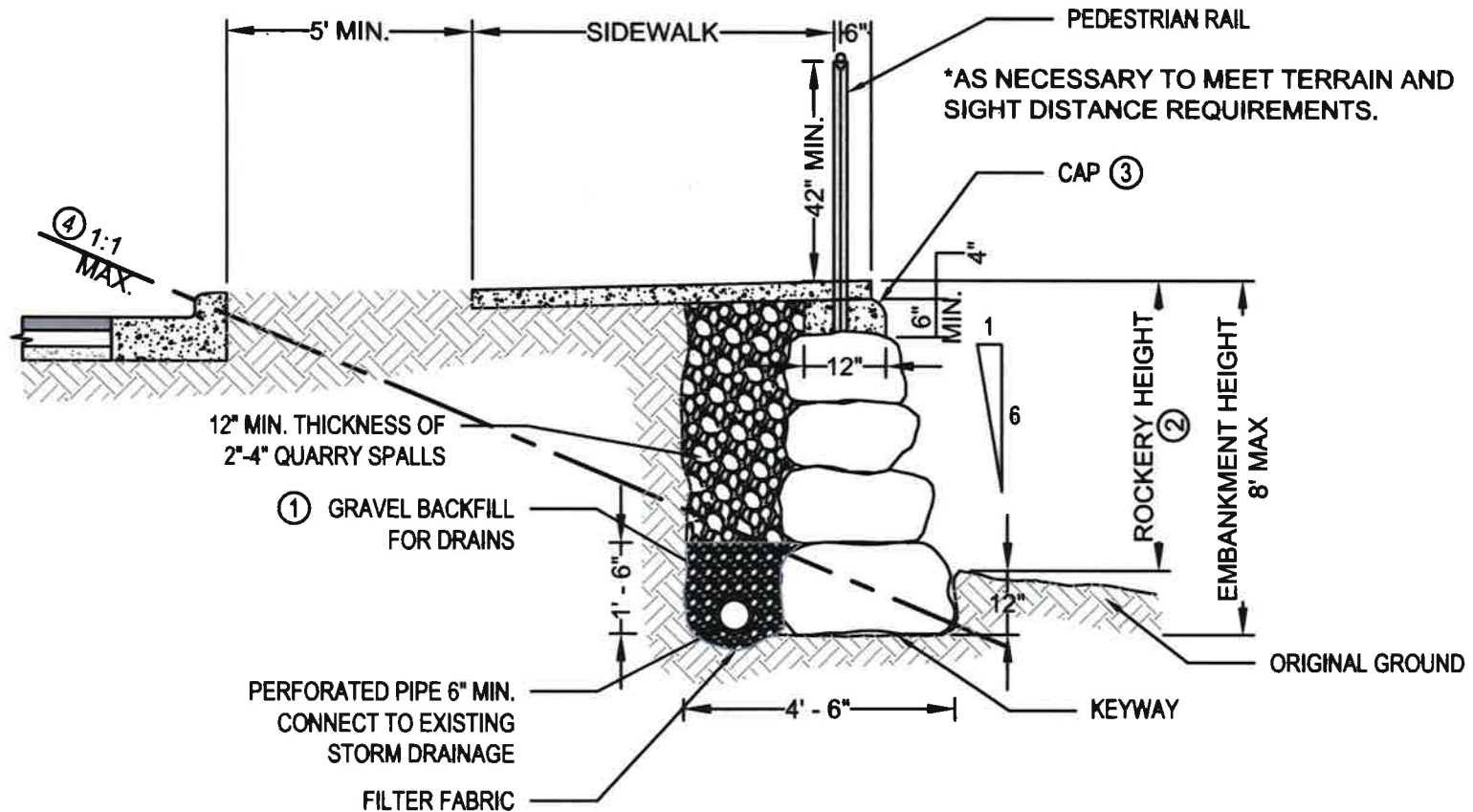
<h2 style="margin: 0;">501</h2> <h3 style="margin: 0;">Rock Facing - Cut Section</h3>	
<p style="font-size: small; margin: 0;">CITY OF SHORELINE</p>	<p style="font-size: small; margin: 0;">PATRICIA J. JENSEN STATE OF WASHINGTON 2010 EXPIRES 12/31/2017</p>
<p style="margin: 0;">Public Works</p>	
<p style="margin: 0; font-size: small;">NOT TO SCALE</p>	<p style="margin: 0; font-size: small;">Revision Date April 2017</p>



**NOTES:**



- ① FLATTER SLOPE MAY BE REQUIRED IN LESS STABLE SOIL.
- ② SEE WSDOT 9-03.12[4].
- ③ A PEDESTRIAN RAIL, PER STND DWG 324, IS REQUIRED WHEN ROCKERY HEIGHT IS 3' OR GREATER. THE USAGE OF A CHAIN LINK FENCE MAY BE APPROVED.
- 4. TRAFFIC BARRIERS MAY BE REQUIRED ON ROADS WITH SPEED LIMITS OF 30 MPH OR GREATER, WHERE ROCKERY HEIGHTS EXCEED 6'. SEE CHAPTER 7 OF THE WSDOT DESIGN MANUAL.
- 5. ALL ROCKERIES OVER 4' IN HEIGHT ON PUBLIC OR PRIVATE PROPERTY SHALL REQUIRE STRUCTURAL REVIEW.

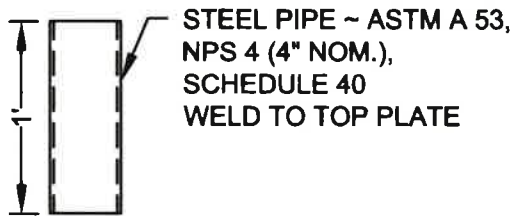
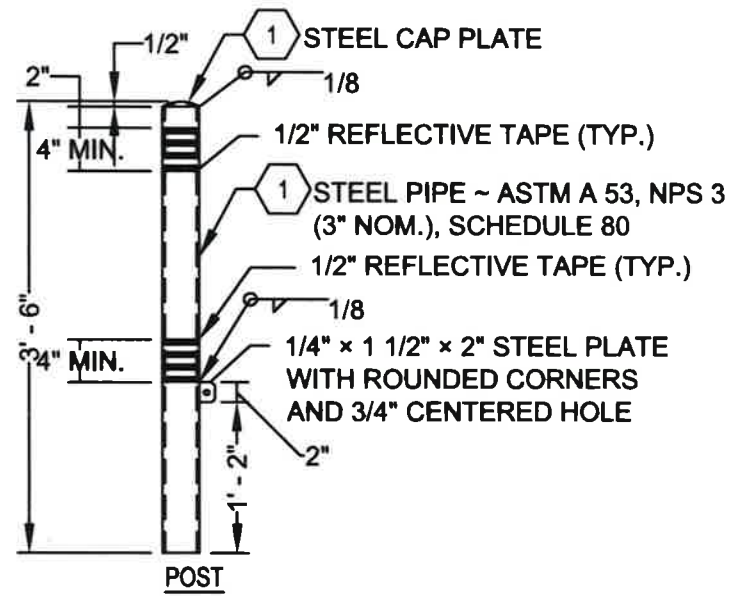
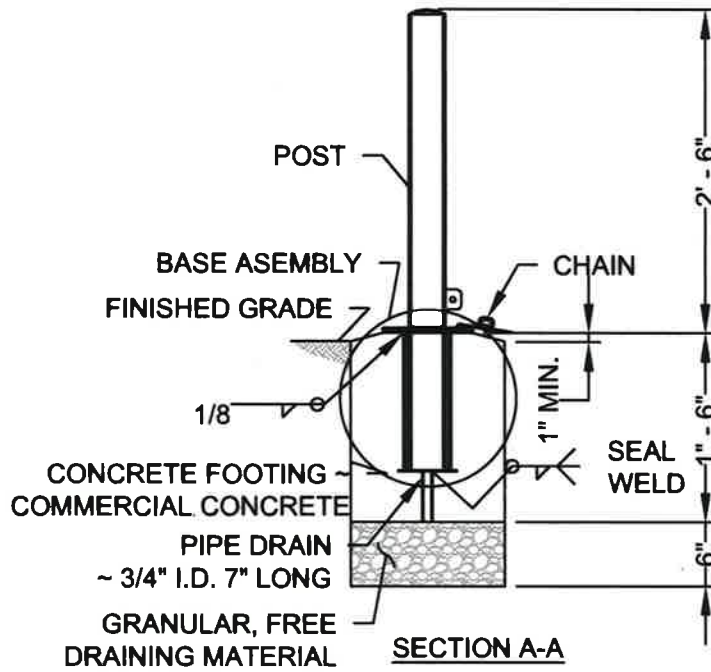
<h2 style="margin: 0;">502</h2> <h3 style="margin: 0;">Rock Facing - Fill Section</h3>	
<p style="font-size: small; margin: 0;">CITY OF SHORELINE Public Works</p>	<p style="font-size: x-small; margin: 0;">TRICIA JERLING STATE OF WASHINGTON REGISTERED PROFESSIONAL ENGINEER 41191</p>
<p style="font-size: x-small; margin: 0;">NOT TO SCALE</p>	<p style="font-size: x-small; margin: 0;">Revision Date April 2017</p>



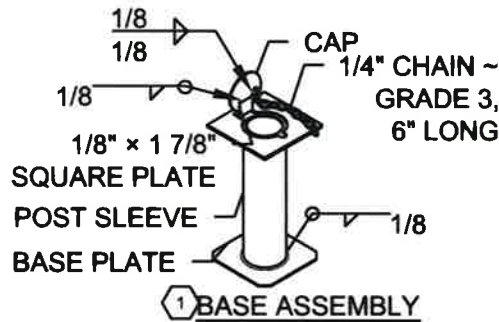
**NOTES:**

- ① WSDOT 9-03.12[4].
- ② A PEDESTRIAN RAIL, PER STND DWG 324, IS REQUIRED WHEN ROCKERY HEIGHT IS 3' OR GREATER. THE USAGE OF A CHAIN LINK FENCE MAY BE APPROVED.
- ③ CAP SHALL BE CONCRETE CLASS 3000.
- ④ FLATTER SLOPE MAY BE REQUIRED IN LESS STABLE SOILS.
5. TRAFFIC BARRIERS MAY BE REQUIRED ON ROADS WITH SPEED LIMITS OF 30 MPH OR GREATER, WHERE HEIGHTS EXCEED 6'. SEE CHAPTER 7 OF THE WSDOT DESIGN MANUAL.
6. ALL ROCKERIES OVER 4' IN HEIGHT ON PUBLIC OR PRIVATE PROPERTY SHALL REQUIRE STRUCTURAL REVIEW.

<h2 style="margin: 0;">503</h2> <h3 style="margin: 0;">Rock Facing Under Sidewalk</h3>	
 CITY OF SHORELINE Public Works	 PATRICIA JUREK PROFESSIONAL ENGINEER No. 119791
NOT TO SCALE	Revision Date April 2017

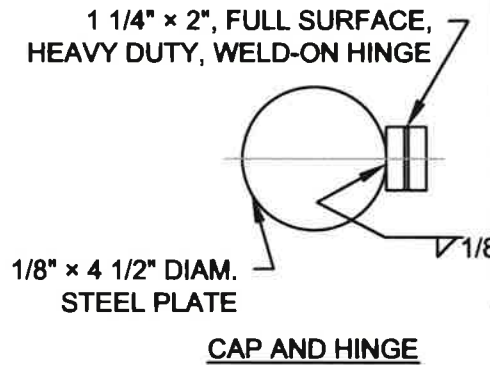
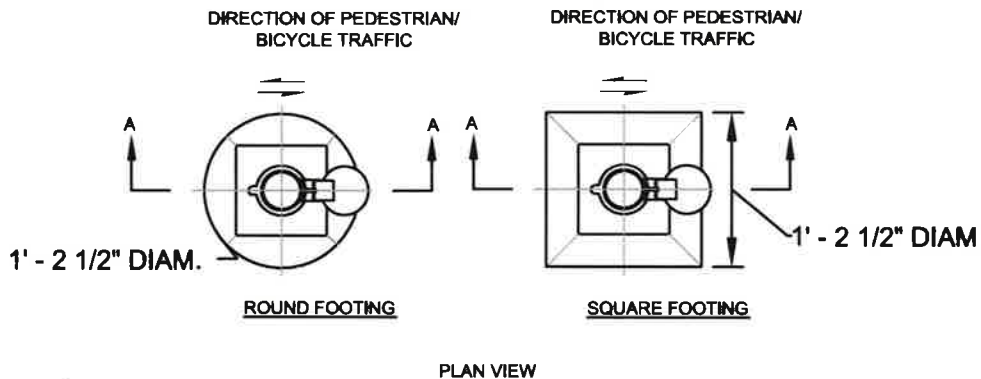




POST SLEEVE



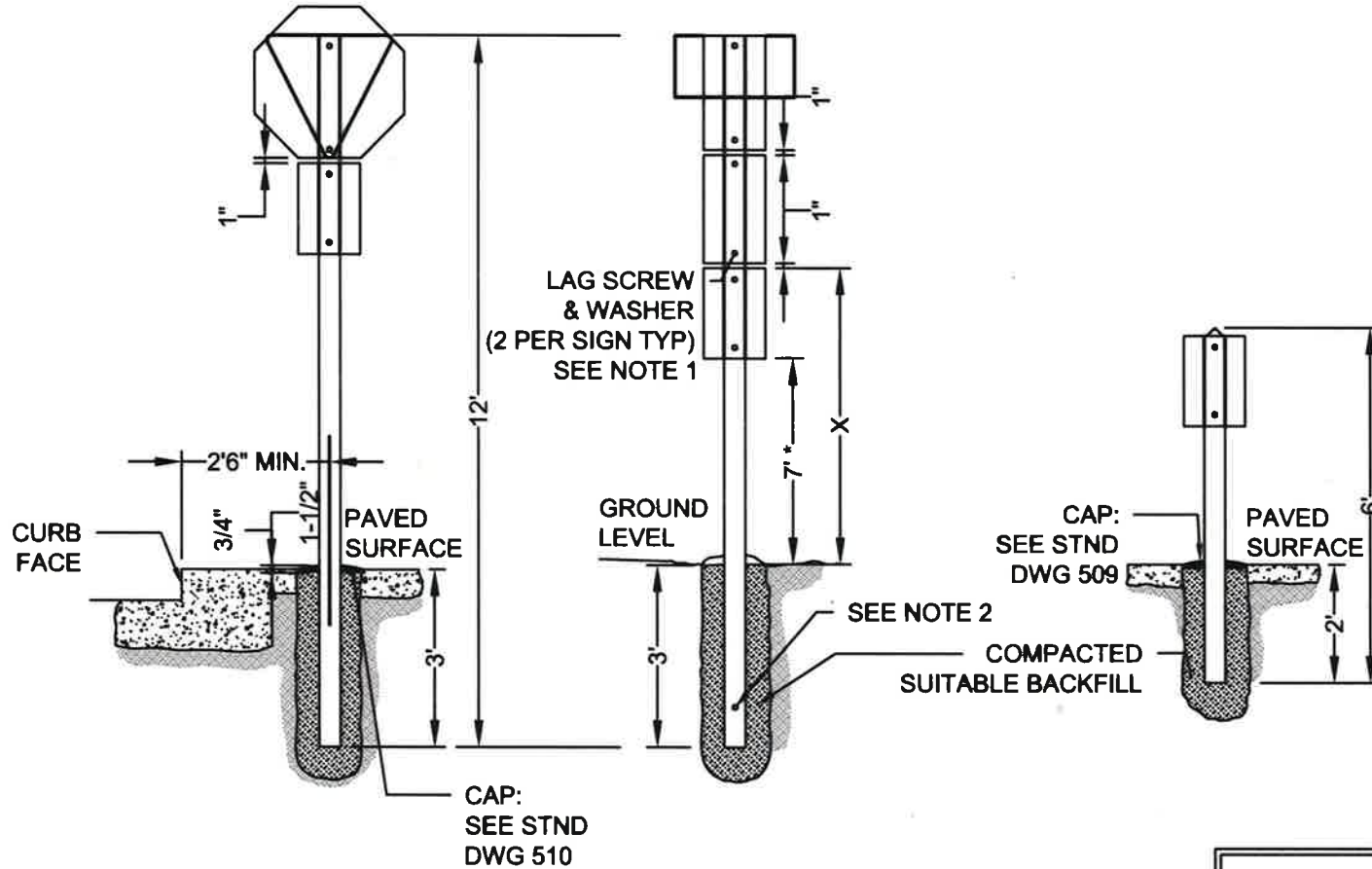
**NOTE:**

THIS BOLLARD DOES NOT HAVE AN EFFECTIVE BREAKAWAY DESIGN FEATURE AND CANNOT BE INSTALLED WITHIN THE DESIGN CLEAR ZONE.



<b>505 Bollards</b>	
 CITY OF SHORELINE Public Works	 TANIA JARAMA PROFESSIONAL ENGINEER No. 41917
NOT TO SCALE	Revision Date April 2017





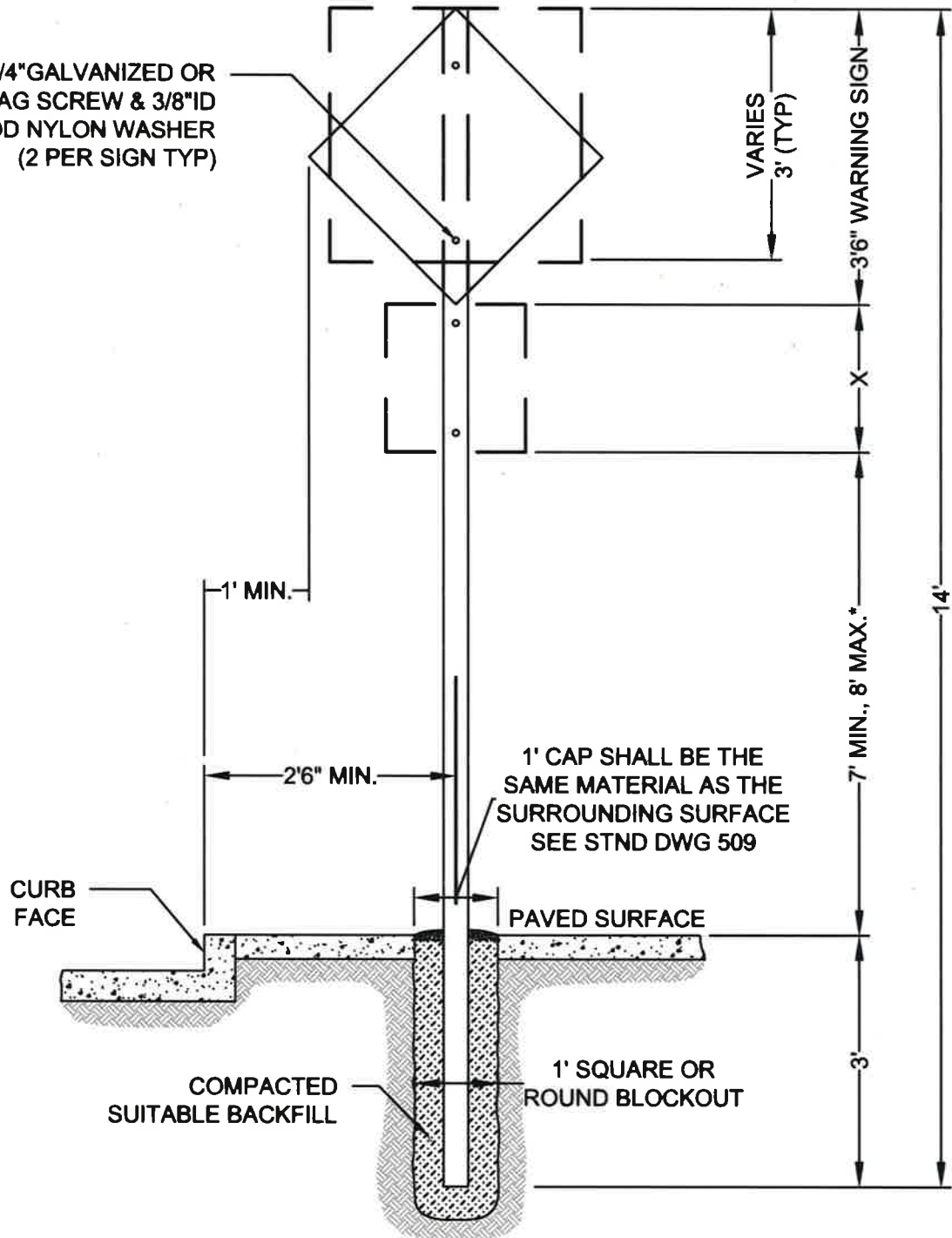
**NOTES:**

1. 5/16" X 3 1/4" GALVANIZED OR PLATED LAG SCREW & 3/8" ID X 1" OD NYLON WASHER.
2. INSTALL 30D GALV COMMON SPIKE ON THE FACE SIDE OF POST EXCEPT WHEN CONCRETE PAVING EXISTS. SPIKE SHALL BE 8" ABOVE BOTTOM OF POST AND SHALL PROTRUDE 2" FROM POST.
3. CONTACT SHORELINE PUBLIC WORKS (206-801-2400) FOR DETAILS REGARDING SIGN MESSAGE AND FOUNDATION.

\*MIN. 7' IF THERE IS PEDESTRIAN OR PARKING MOVEMENTS

<h2 style="margin: 0;">507</h2> <h3 style="margin: 0;">Traffic Sign &amp; Wood Post Installation</h3>	
<p style="margin: 0;">CITY OF SHORELINE</p>	
<p style="margin: 0;">Public Works</p>	
<p style="margin: 0;">NOT TO SCALE</p>	<p style="margin: 0;">Revision Date April 2017</p>

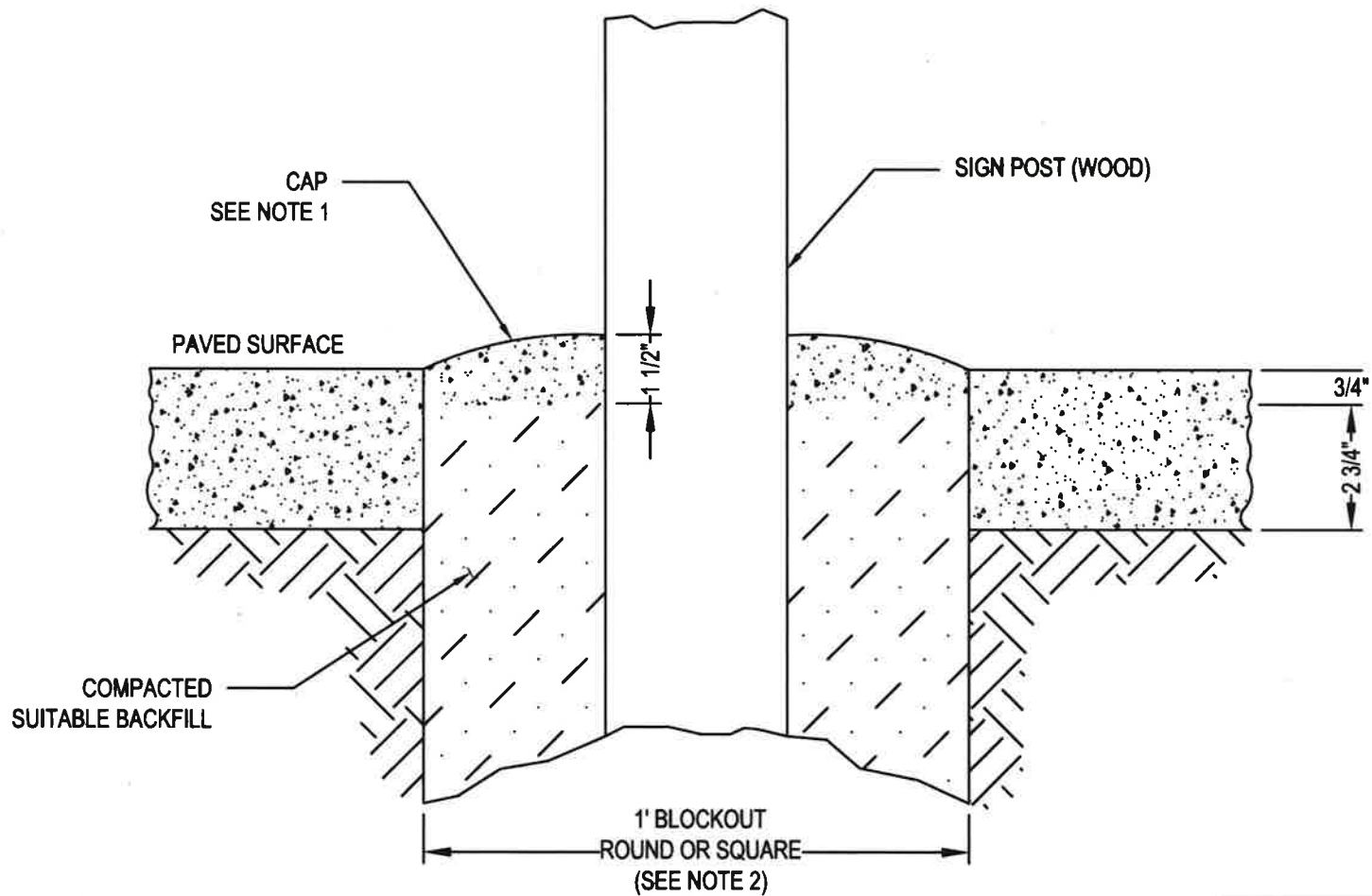
5/16"X3/4"GALVANIZED OR  
PLATED LAG SCREW & 3/8"ID  
X 1"OD NYLON WASHER  
(2 PER SIGN TYP)



**NOTE:**  
SIGN SHALL BE ATTACHED WITH TOP EDGE  
OF SIGN FLUSH WITH TOP OF SQUARE  
SECTION OF POST.



\* MIN. 7 IF THERE IS PEDESTRIAN OR  
PARKING MOVEMENTS.

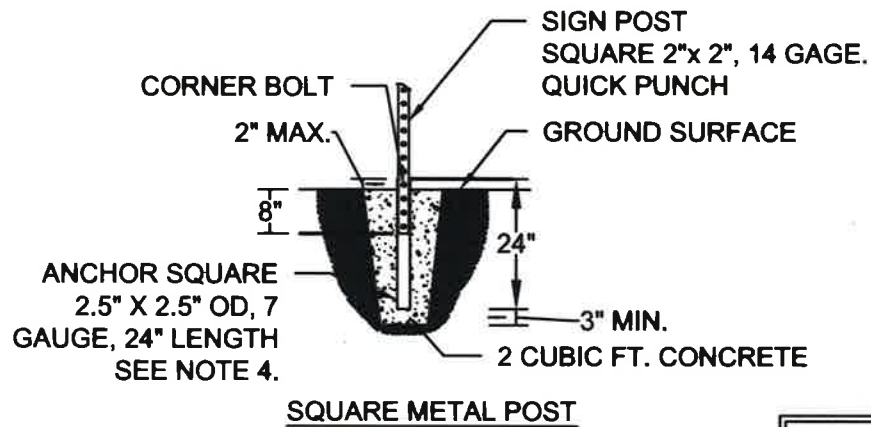
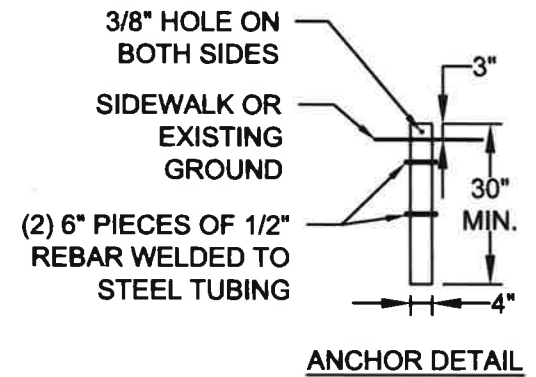
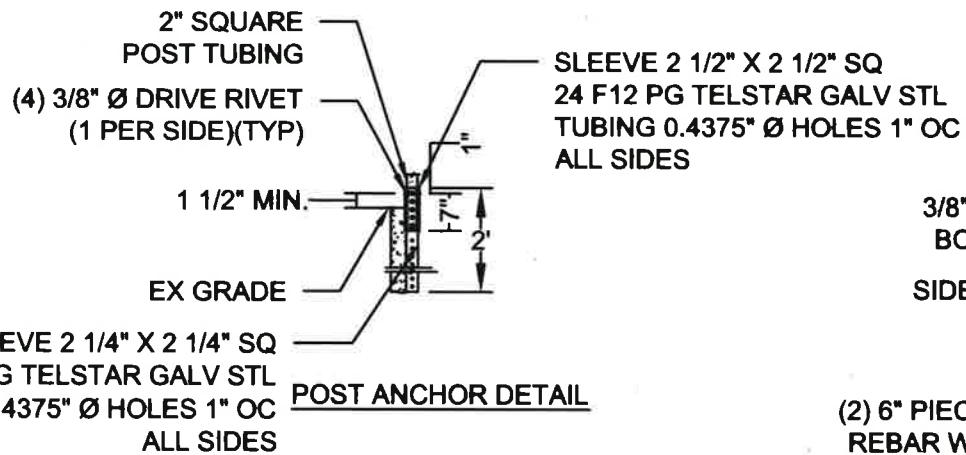
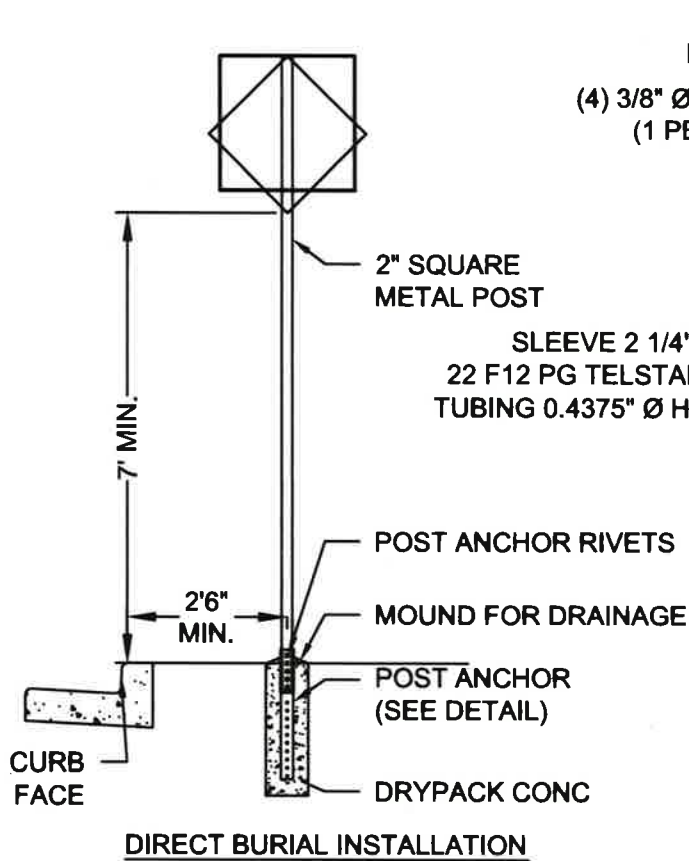
<b>508</b> Traffic Sign & Metal Post Installation	
 CITY OF <b>SHORELINE</b> Public Works	 TENCIA J. JINDER STATE OF WASHINGTON PROFESSIONAL ENGINEER 3290
NOT TO SCALE	Revision Date April 2017



**NOTES:**

1. CAP SHALL BE MADE OF THE SAME MATERIAL AS THE SURROUNDING PAVED SURFACE AND SHALL BE MOUNDED FOR DRAINAGE AWAY FROM POST.
2. BLOCKOUTS SHALL BE PROVIDED FOR POST LOCATIONS WHERE NEW CONCRETE PAVEMENT (SIDEWALK, ROADWAY, ETC) IS BEING INSTALLED.
3. WHERE POST IS BEING INSTALLED IN EXISTING PAVED AREAS, HOLE IN PAVED SURFACE SHALL NOT EXCEED 1'-0" NOMINAL DIAMETER.

<h2 style="margin: 0;">509 Post Cap</h2>	
 CITY OF SHORELINE Public Works	 ANGELA FISHER STATE OF WASHINGTON PROFESSIONAL ENGINEER LICENSE NO. 3590 1/1/17
NOT TO SCALE	Revision Date April 2017



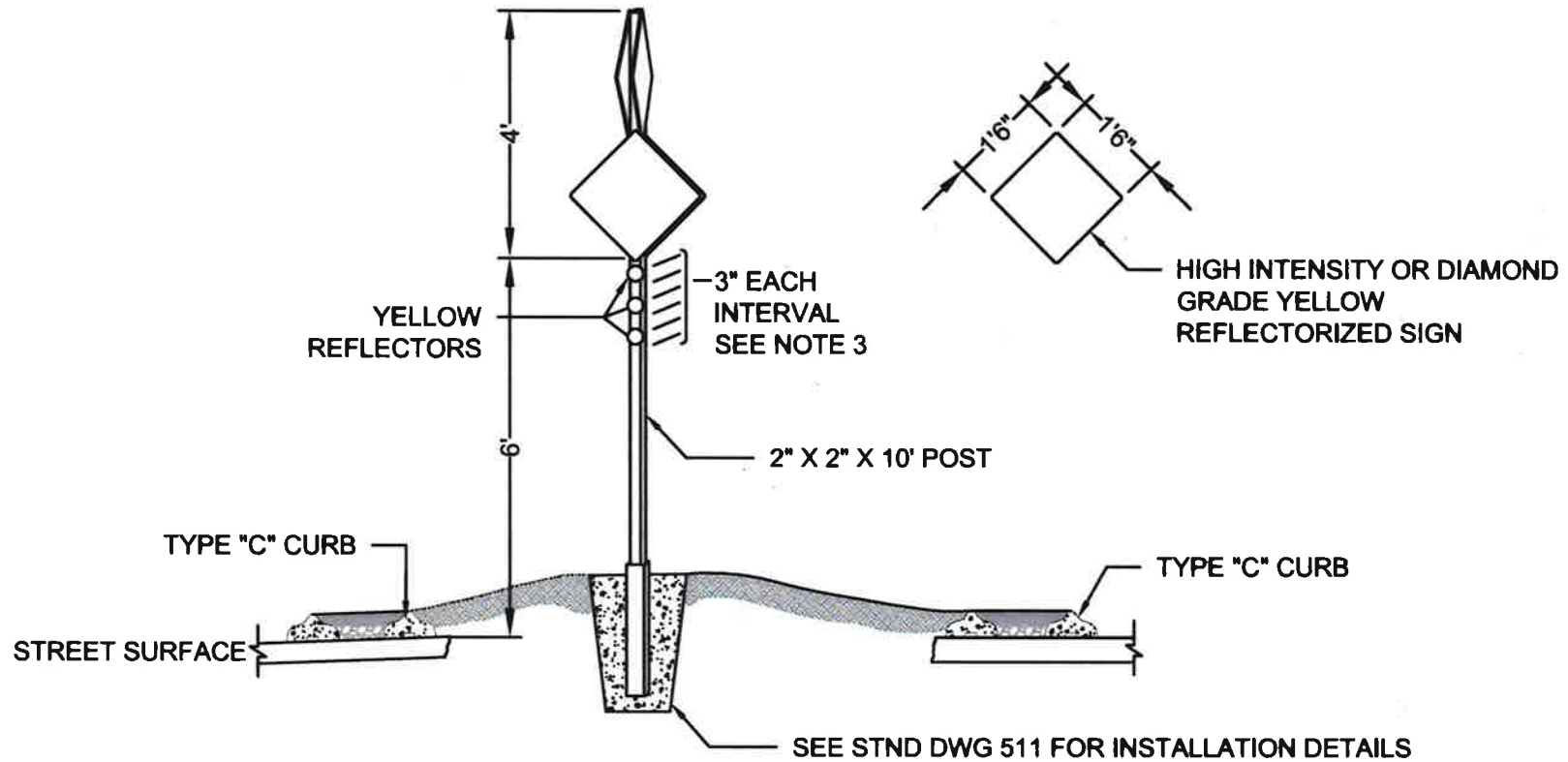
**NOTES:**

1. POST ANCHOR RIVETS SHALL BE 1 1/2" ABOVE GROUND LEVEL.
2. FOR POST RELOCATIONS, OLD CONCRETE SHALL BE REMOVED FROM POST.
3. POST SHALL BE ROLLED CARBON SHEET STEEL, ASTM A570 GRADE 50 AND BE HOT DIPPED GALVANIZED AASHTO M-120 YIELD STRENGTH 60,000 PSI MIN. POST SHALL HAVE 7/16" DIE-PUNCHED KNOCKOUTS ON 1" CENTERS FULL LENGTH ON ALL FOUR SIDES.
4. ANCHOR SHALL HAVE 4 7/16" HOLES ONE EACH SIDE 2" FROM TOP END. FINISH SHALL BE ZINC HOT DIPPED GALVANIZED MATERIAL TO MEET ASTM A500 GRADE B.

<h2 style="margin: 0;">510</h2> <h3 style="margin: 0;">Traffic Sign &amp; 2" Square Metal Post Installation</h3>	
<p style="font-size: small;">CITY OF SHORELINE Public Works</p>	<p style="font-size: x-small; color: blue;">4/19/17</p>
<p style="font-size: x-small;">NOT TO SCALE</p>	<p style="font-size: x-small;">Revision Date April 2017</p>



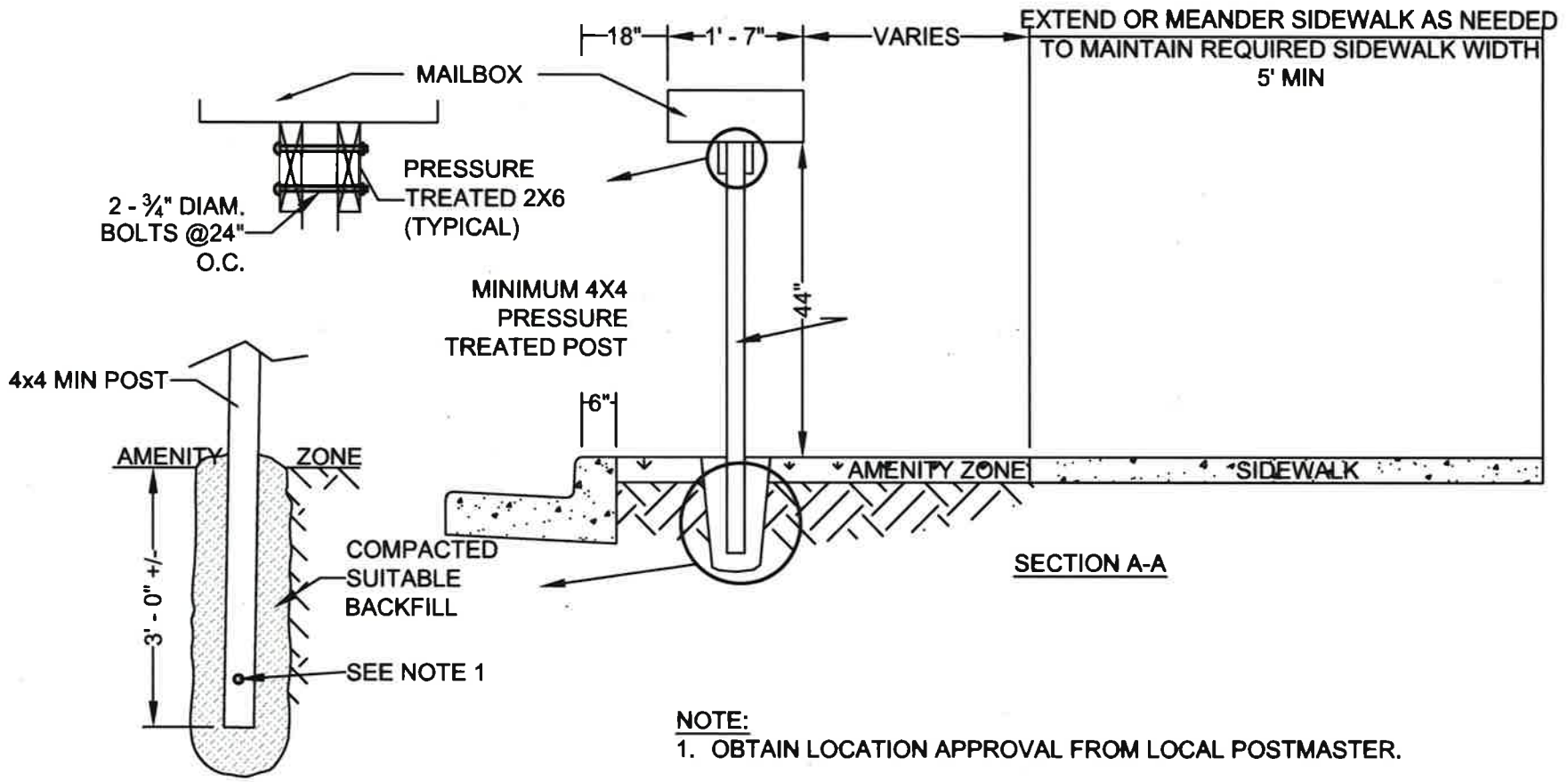




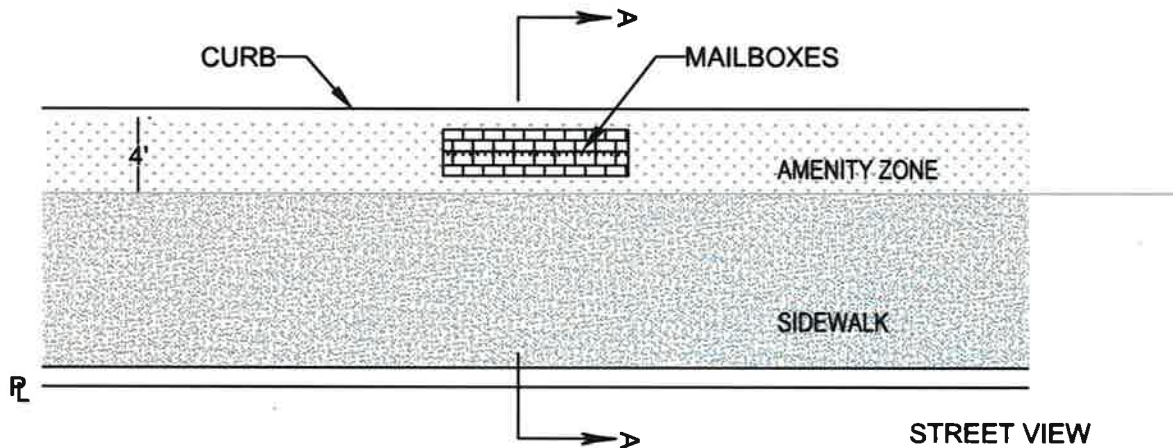
**NOTES:**

1. IN THE CASE WHERE ALL APPROACHES OF THE INTERSECTION ARE PRIMARILY AT THE SAME LEVEL WITH RESPECT TO GRADES (LESS THAN 3%) THE LOWER SET OF SIGNS WILL FACE THE HIGHER VOLUME STREET.
2. IN THE CASE WHERE AN APPROACH HAS A GRADE LARGER THAN 3% THE HIGHER SIGNS WILL FACE THE APPROACH WITH THE HIGHEST GRADE TO ALLOW BETTER SIGHT DISTANCE.
3. PLACE A MINIMUM OF THREE (3) REFLECTORS ON EACH AND EVERY SIDE OF POST OR PLACE THREE (3) HIGH INTENSITY REFLECTORIZED STRIPS COMPLETELY AROUND POST.

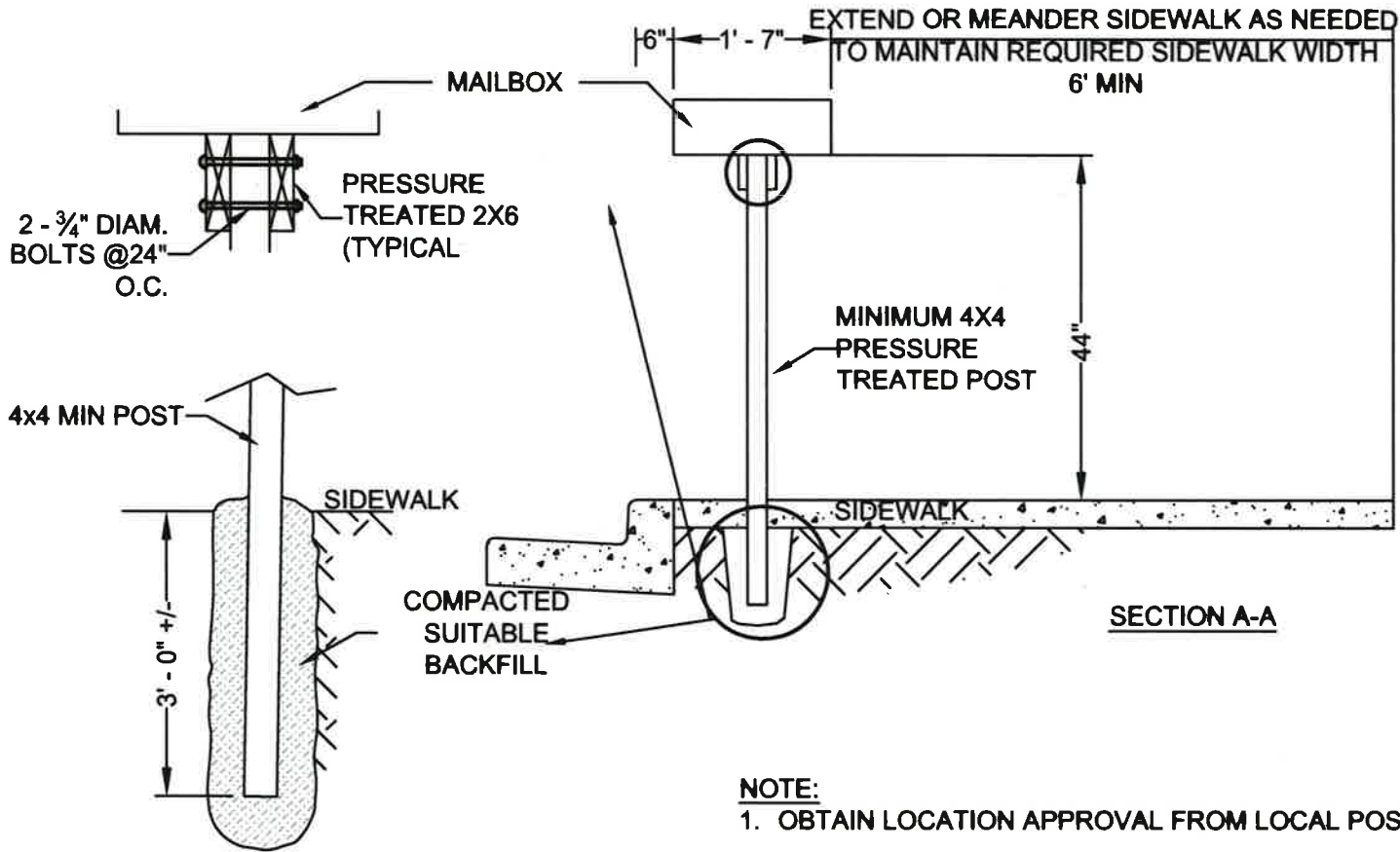
<h2 style="margin: 0;">512 Object Marker Installation</h2>	
 CITY OF SHORELINE Public Works	
NOT TO SCALE	Revision Date April 2017



**NOTE:**  
 1. OBTAIN LOCATION APPROVAL FROM LOCAL POSTMASTER.

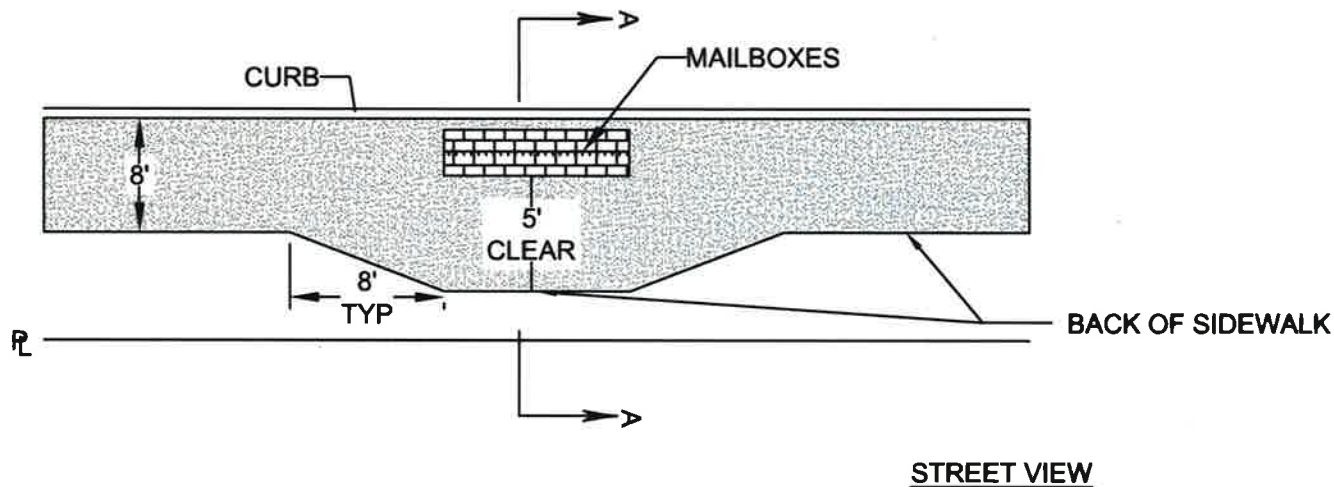




<h1>514</h1> <h2>Mailbox Stand</h2> <h3>Non-Arterial</h3>	
<p>CITY OF SHORELINE</p>	<p>PATRICIA JURKOVIC STATE OF WASHINGTON PROFESSIONAL ENGINEER</p>
<p>Public Works</p>	
<p>NOT TO SCALE</p>	<p>Revision Date April 2017</p>

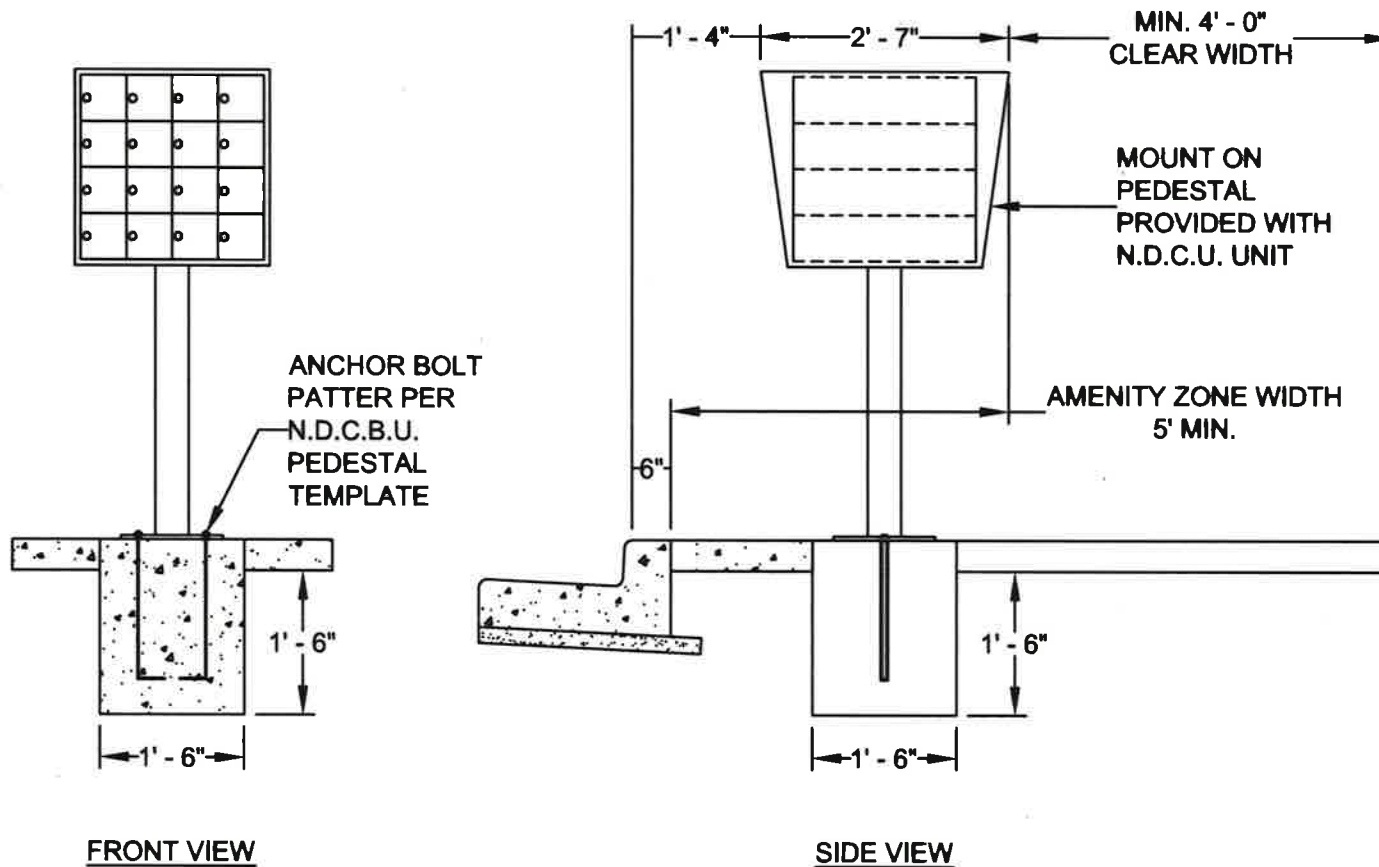


**NOTE:**

1. OBTAIN LOCATION APPROVAL FROM LOCAL POSTMASTER.
2. SHALL BE USED ONLY TO MATCH EXISTING CONDITIONS OR WITH DIRECTORS APPROVAL.



<h1>515</h1> <h2>Mailbox Stand</h2> <h3>without Amenity Zone</h3>	
 CITY OF SHORELINE Public Works	 TRICIA JUBINE CIVIL ENGINEER No. 11997
NOT TO SCALE	Revision Date April 2017



**NOTES:**

1. OBTAIN LOCATION APPROVAL FROM LOCAL POSTMASTER.

<p><b>516</b>  <b>Neighborhood</b>  <b>Delivery &amp;</b>  <b>Collection Box Unit</b>  <b>Installation</b></p>	
 <p>CITY OF SHORELINE Public Works</p>	 <p>TRICIA JUDSON          CITY OF SHORELINE          PUBLIC WORKS          2017</p>
<p>NOT TO SCALE</p>	<p>Revision Date April 2017</p>



POST MOUNTED STREET NAME SIGN



POST MOUNTED STREET NAME SIGN FOR PRIVATE ROADS



MAST ARM (OVERHEAD) MOUNTED STREET NAME SIGN



NOTES:

1. TEXT: FHWA SERIES B.
2. SQUARE/ NO BORDER.
3. COLOR AND RETROREFLECTION SHALL BE CONSISTENT WITH CURRENT MUTCD STANDARDS.
4. FOR SCALABLE LOGO, PLEASE CONTACT CITY OF SHORELINE TRAFFIC SERVICES.
5. FOR NUMBERED STREETS, OMIT NUMERICAL SUFFIXES "ST", "RD", "TH", "ND".

<h2 style="margin: 0;">517</h2> <h3 style="margin: 0;">Street Name Sign Detail</h3>	
 Public Works	
NOT TO SCALE	Revision Date April 2017