

NOTES:

1. ALL STEEL HARDWARE TO BE HOT DIP GALVANIZED OR STAINLESS STEEL UNLESS OTHERWISE STIPULATED IN THE DRAWINGS.
2. SPAN WIRE SHALL BE ALUMINUM COATED STEEL.
3. SPREAD THIMBLE TO FIT THE BAIL OF THE AUTOMATIC DEAD END.

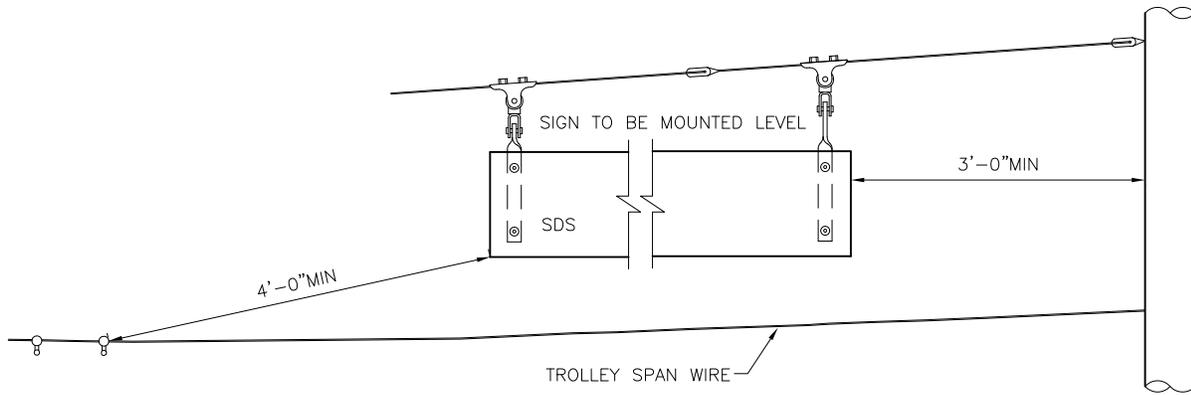
REF STD SPEC SEC 8-21 & SCL MATERIAL STANDARD 6901.1



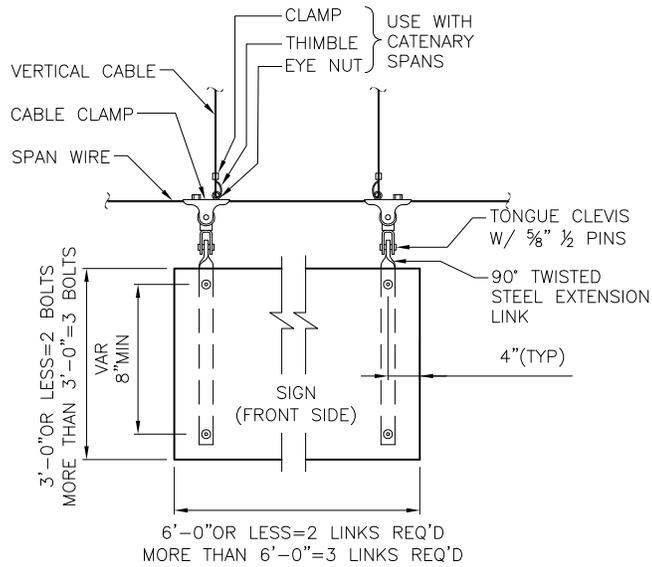
City of Seattle

NOT TO SCALE

SPAN WIRE INSTALLATION



STREET DESIGNATION SIGN



SPAN WIRE MOUNTED SIGN

NOTES:

1. ALL HARDWARE SHALL BE STAINLESS STEEL. OTHER THAN HARDWARE SHALL BE HOT DIP GALVANIZED.
2. NEOPRENE GASKETS SHALL NOT BE USED FOR SPAN WIRE OR AERIAL CONNECTIONS.

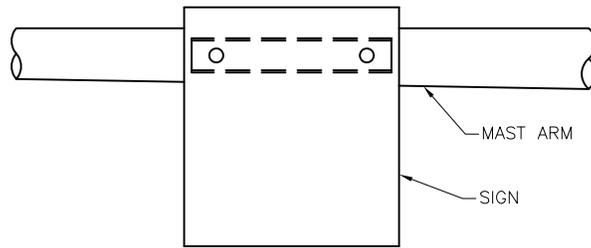
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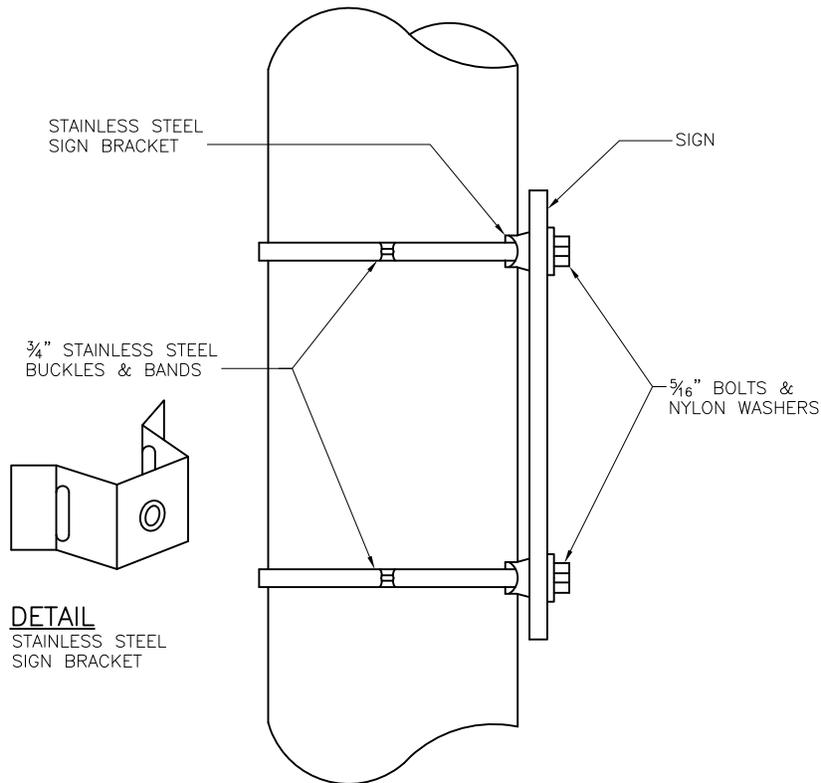
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**OVERHEAD SIGNS
SPANWIRE MOUNTED**



SIGN MOUNTING ON MAST ARM



TEMPORARY SIGN MOUNTING ON METAL POLE

NOTES:

1. EXCEPT AS NOTED OTHERWISE, ALL HARDWARE SHALL BE STAINLESS STEEL.
2. MOUNTING OF TRAFFIC SIGNS SHALL BE AS FOLLOWS: ON METAL POLE THINNER THAN 7 GAUGE, USE 3/8" STAINLESS STEEL RIVNUTS ON METAL POLES 7 GAUGE OR THICKER, FOR 3/8" BOLT (STAINLESS STEEL RIVNUT OPTIONAL) ON POLES FILLED WITH OR MADE FROM CONCRETE, USE 3/8"X21/2"MIN STUD BOLT ANCHORS WITH HEX NUT.
3. FOR SIGN FEATURE, CONTACT TRAFFIC ENGINEER.

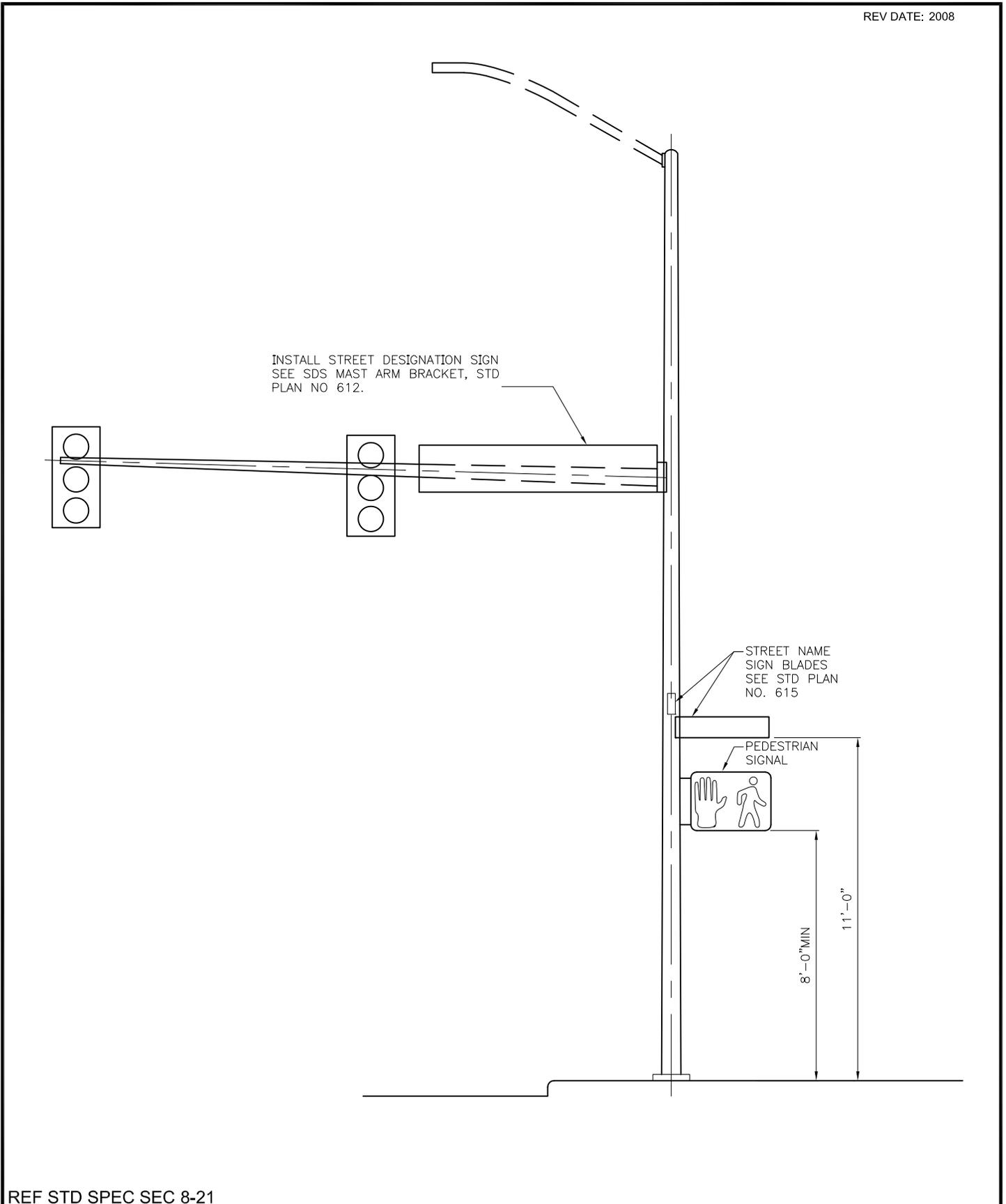
REF STD SPEC SEC 8-21



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**SIGN INSTALLATION
(NON-SPANWIRE MOUNTING)**



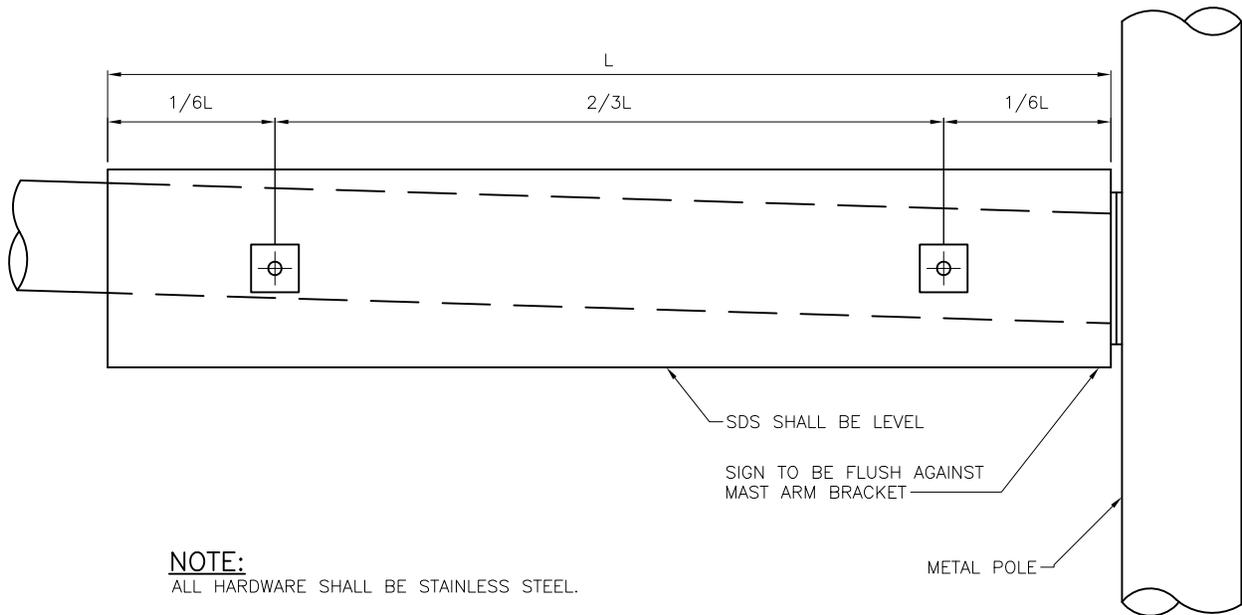
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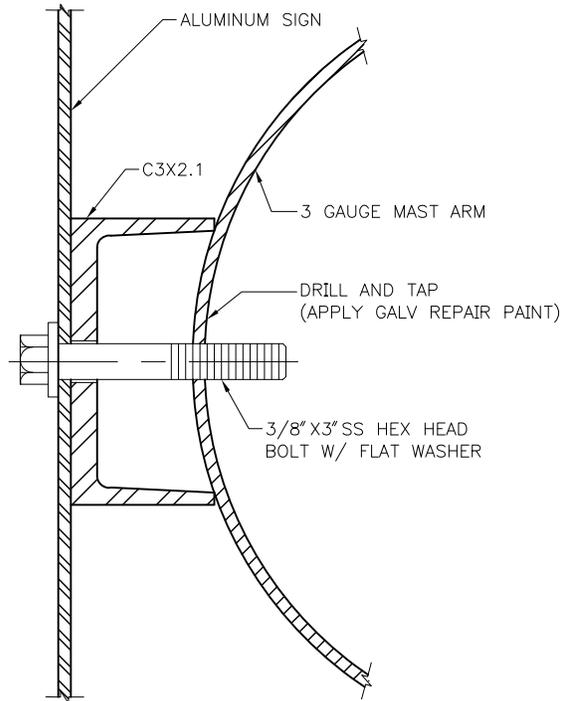
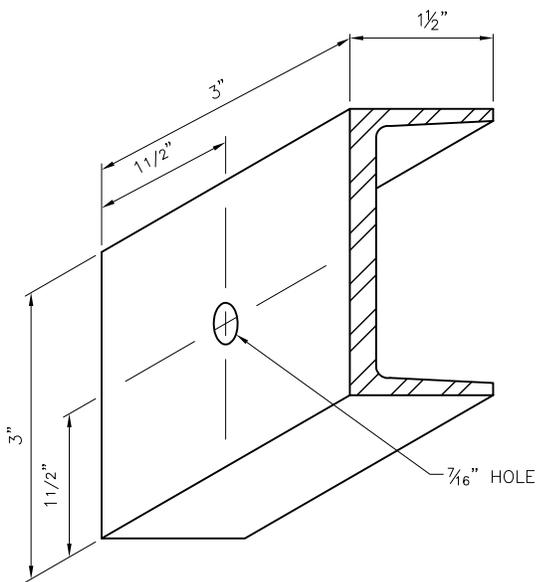
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STANDARD SIGN INSTALLATION
STEEL POLES



NOTE:
ALL HARDWARE SHALL BE STAINLESS STEEL.



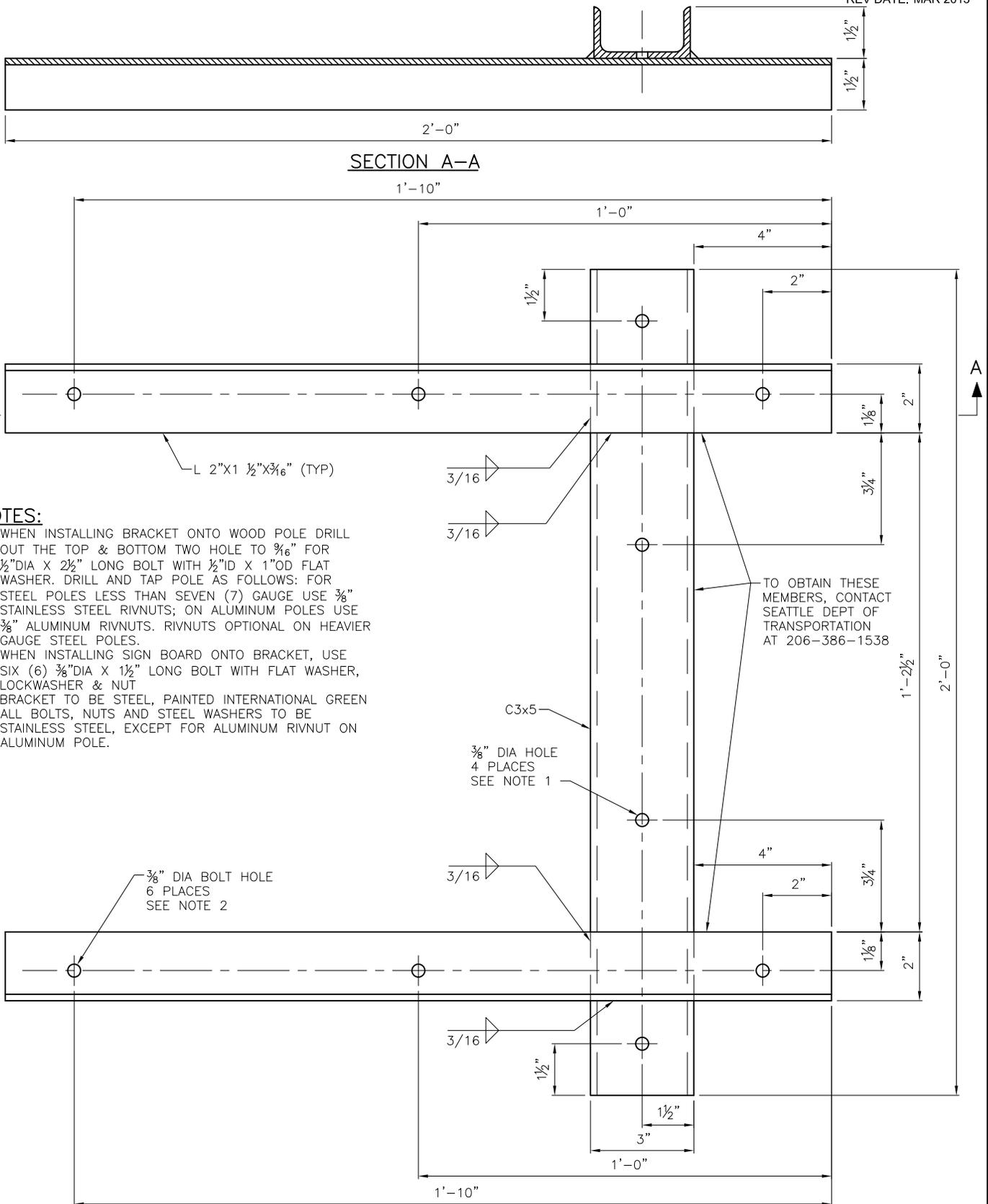
REF STD SPEC SEC 8-21



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NOT TO SCALE

SDS BRACKET FOR STEEL MAST ARM POLES



NOTES:

1. WHEN INSTALLING BRACKET ONTO WOOD POLE DRILL OUT THE TOP & BOTTOM TWO HOLE TO $\frac{3}{16}$ " FOR $\frac{1}{2}$ " DIA X $2\frac{1}{2}$ " LONG BOLT WITH $\frac{1}{2}$ " ID X 1" OD FLAT WASHER. DRILL AND TAP POLE AS FOLLOWS: FOR STEEL POLES LESS THAN SEVEN (7) GAUGE USE $\frac{3}{8}$ " STAINLESS STEEL RIVNUTS; ON ALUMINUM POLES USE $\frac{3}{8}$ " ALUMINUM RIVNUTS. RIVNUTS OPTIONAL ON HEAVIER GAUGE STEEL POLES.
2. WHEN INSTALLING SIGN BOARD ONTO BRACKET, USE SIX (6) $\frac{3}{8}$ " DIA X $1\frac{1}{2}$ " LONG BOLT WITH FLAT WASHER, LOCKWASHER & NUT
3. BRACKET TO BE STEEL, PAINTED INTERNATIONAL GREEN
4. ALL BOLTS, NUTS AND STEEL WASHERS TO BE STAINLESS STEEL, EXCEPT FOR ALUMINUM RIVNUT ON ALUMINUM POLE.

TO OBTAIN THESE MEMBERS, CONTACT SEATTLE DEPT OF TRANSPORTATION AT 206-386-1538

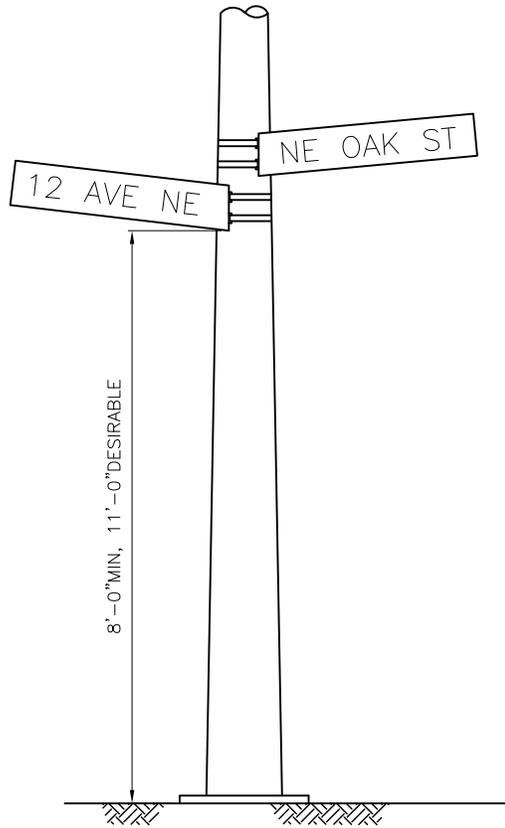
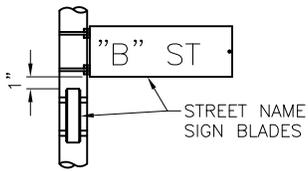
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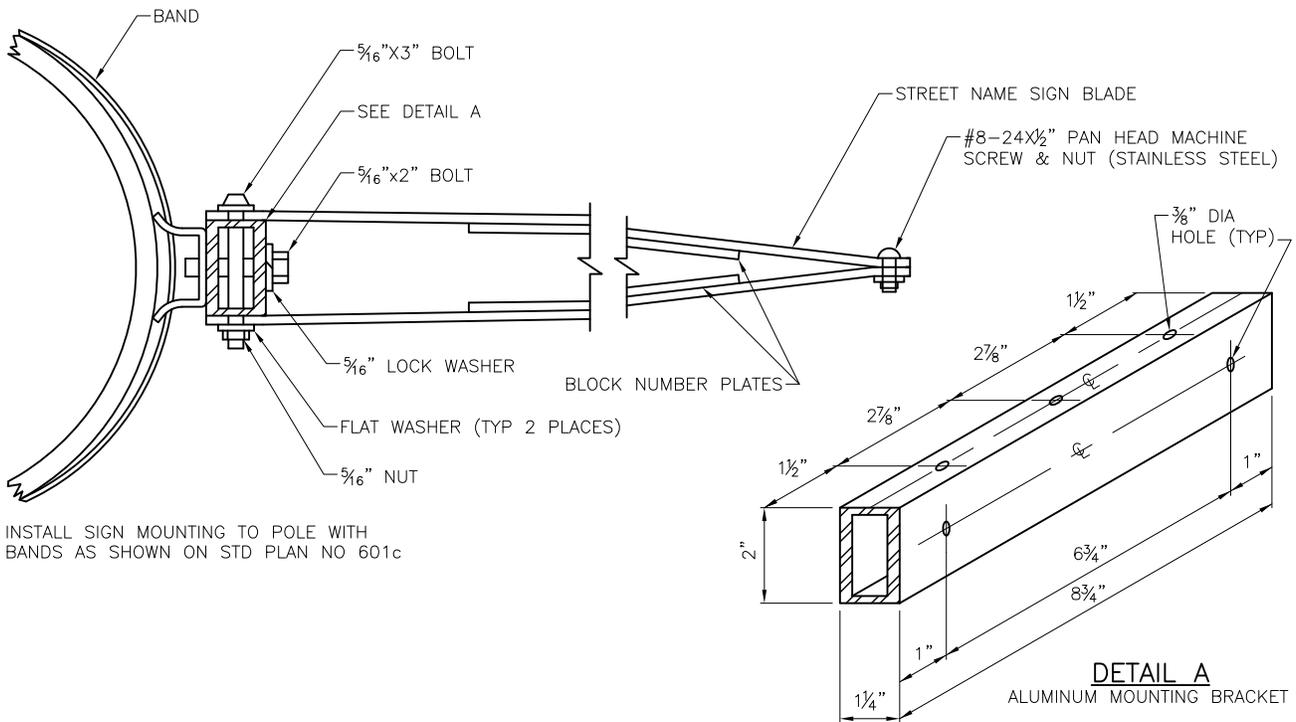
NOT TO SCALE

SDS BRACKET FOR STEEL OR WOOD POLES



NOTES:

1. STAGGER SNS BLADES WITH THE "AVENUE" DESIGNATION BLADE BELOW THE "STREET" DESIGNATION BLADE
2. SNS SHALL BE INSTALLED PARALLEL TO CORRESPONDING STREET
3. ALL NUTS, BOLTS & WASHERS TO BE STAINLESS STEEL EXCEPT ALUMINUM RIV NUTS ON ALUMINUM POLES.



INSTALL SIGN MOUNTING TO POLE WITH BANDS AS SHOWN ON STD PLAN NO 601c

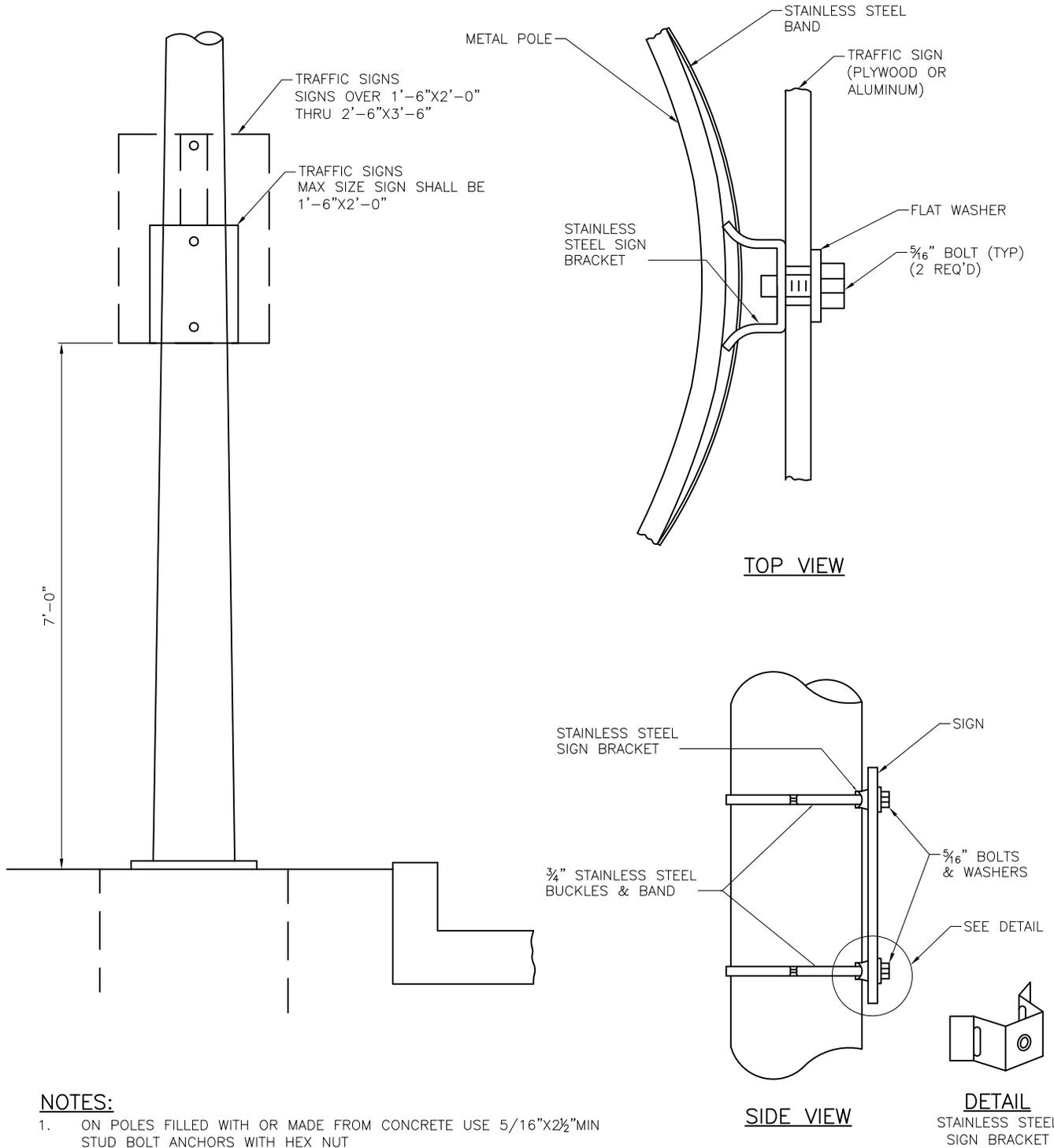
REF STD SPEC SEC 8-21



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NOT TO SCALE

SNS BRACKET FOR STEEL POLES



NOTES:

1. ON POLES FILLED WITH OR MADE FROM CONCRETE USE 5/16"x2 1/2" MIN STUD BOLT ANCHORS WITH HEX NUT
2. FOR SIGNS OVER 2'-6"x3'-6" USE STD PLAN NO 612. MOUNT SIGNS VERTICALLY ON STRAIN POLE WITH THREE (3) FASTENERS MIN
3. FOR DARK COLORED POLES PAINT BAND TO MATCH POLE
4. ALL HARDWARE TO BE STAINLESS STEEL.

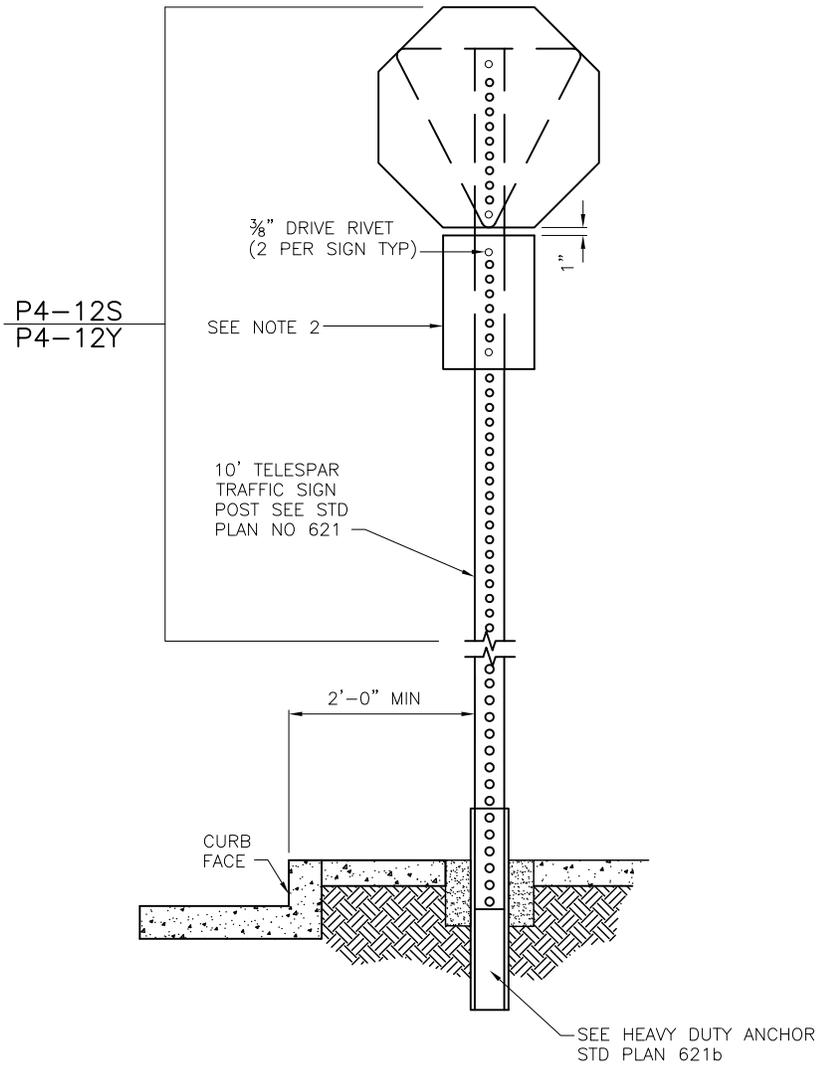
REF STD SPEC SEC 8-21



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TRAFFIC SIGN MOUNTING
ON METAL POLES



POST ANCHOR INSTALLATIONS

NOTE:

CONTACT SEATTLE DEPARTMENT OF TRANSPORTATION (684-5087) FOR DETAILS REGARDING SIGN MESSAGE AND FOUNDATION.

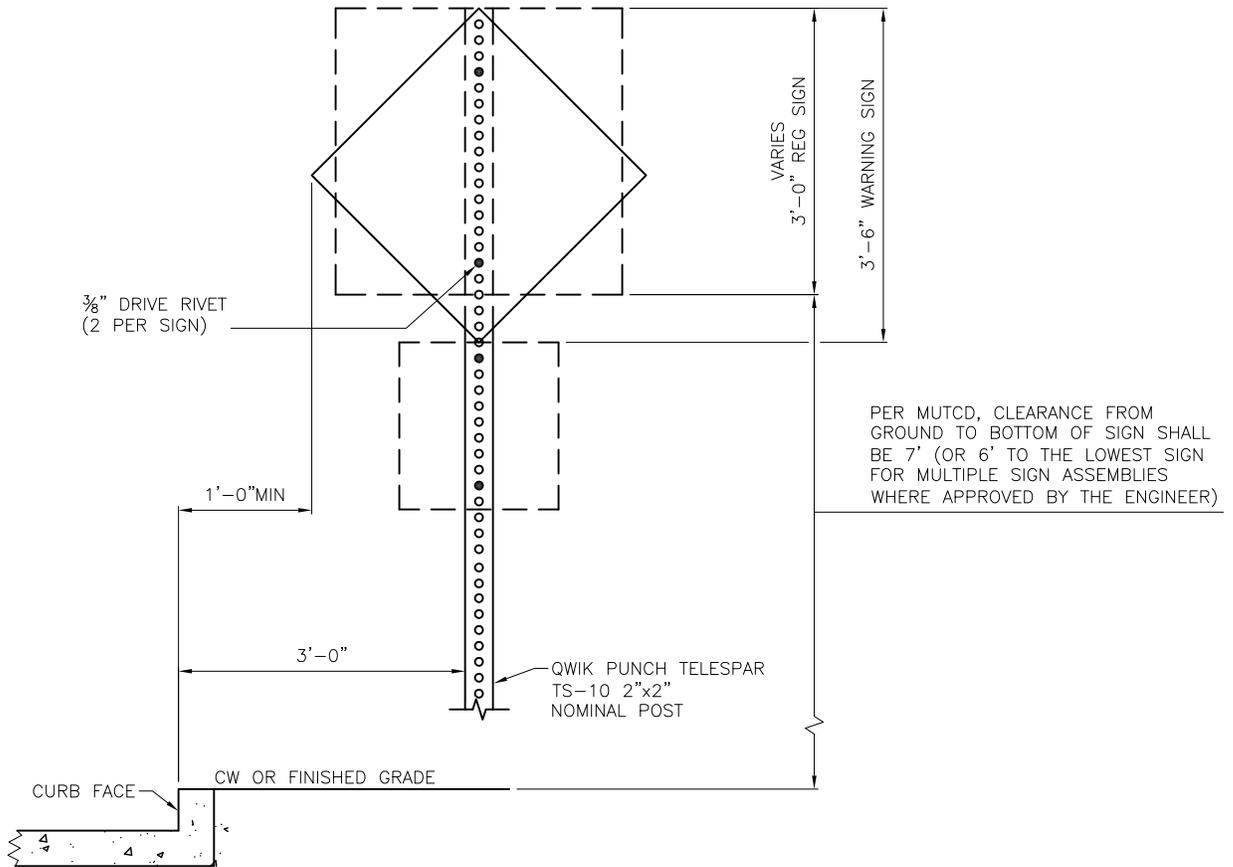
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City of Seattle

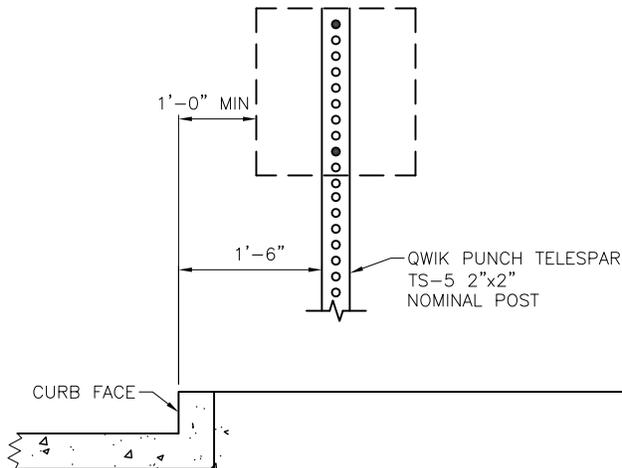
NOT TO SCALE

STOP AND YIELD SIGN POST
AND ANCHOR INSTALLATION



TS-10

(SEE STD PLAN NO 621b FOR POST ANCHOR DETAILS)



TS-5

(SEE STD PLAN NO 621b FOR POST ANCHOR DETAILS)

NOTES:

1. SIGN SHALL BE ATTACHED WITH TOP EDGE OF SIGN FLUSH WITH TOP OF SQUARE SECTION OF POST.
2. TS-5 ASSEMBLIES SHALL BE USED ONLY WITH APPROVAL OF ENGINEER, IN AREAS NOT SUBJECT TO PEDESTRIAN TRAVEL.

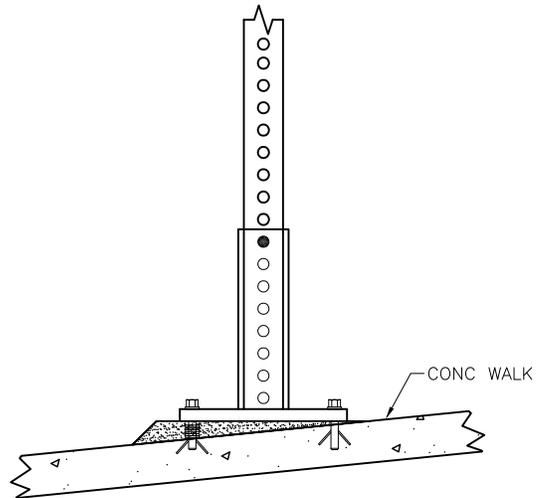
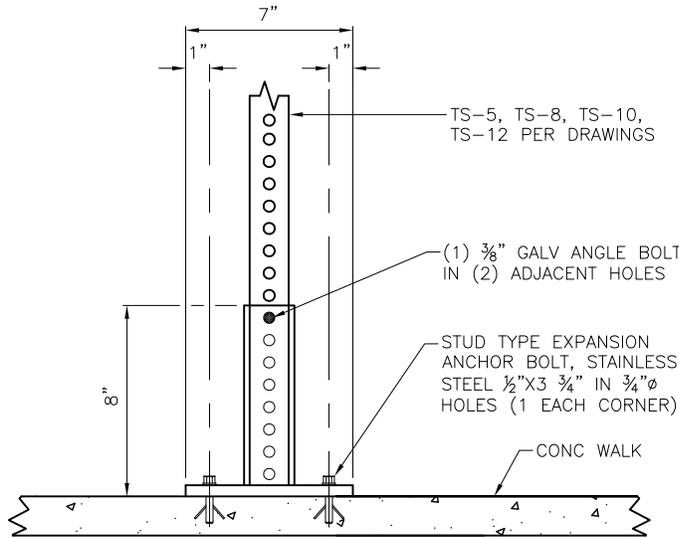
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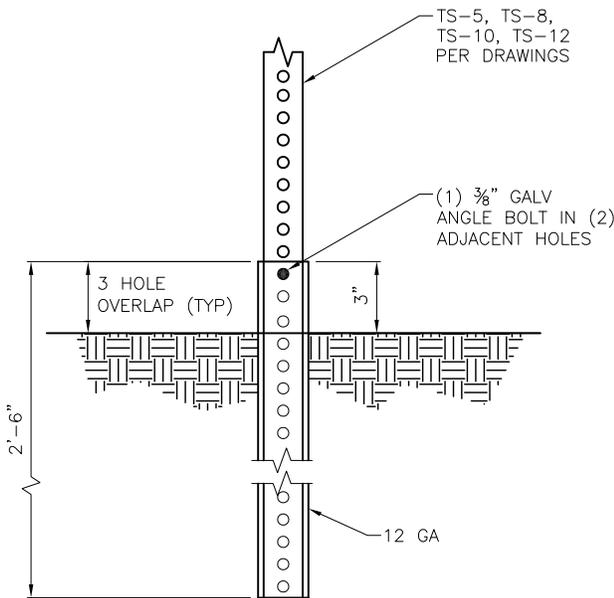
City of Seattle

NOT TO SCALE

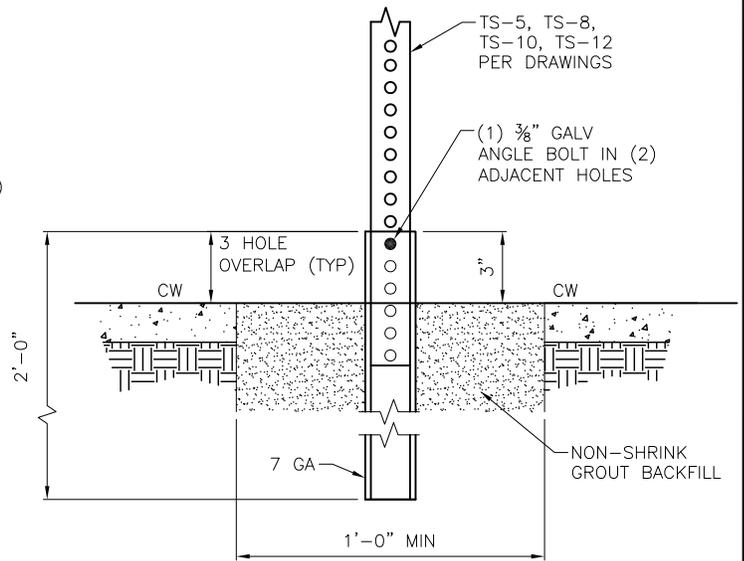
**WARNING AND REGULATORY
SIGN POST**



SURFACE MOUNT



LIGHT DUTY ANCHOR



HEAVY DUTY ANCHOR

NOTES:

1. FOR UNLEVEL SIDEWALKS INSERT WASHERS AS SPACERS BETWEEN PLATE AND SIDEWALK. GROUT ALL SPACE AS SHOWN. IF BOLT CANNOT PENETRATE SIDEWALK AT LEAST 2", CONTACT THE ENGINEER.
2. USE CONCRETE FOOTINGS FOR ALL SIGNS LARGER THAN 96 SQUARE INCHES.

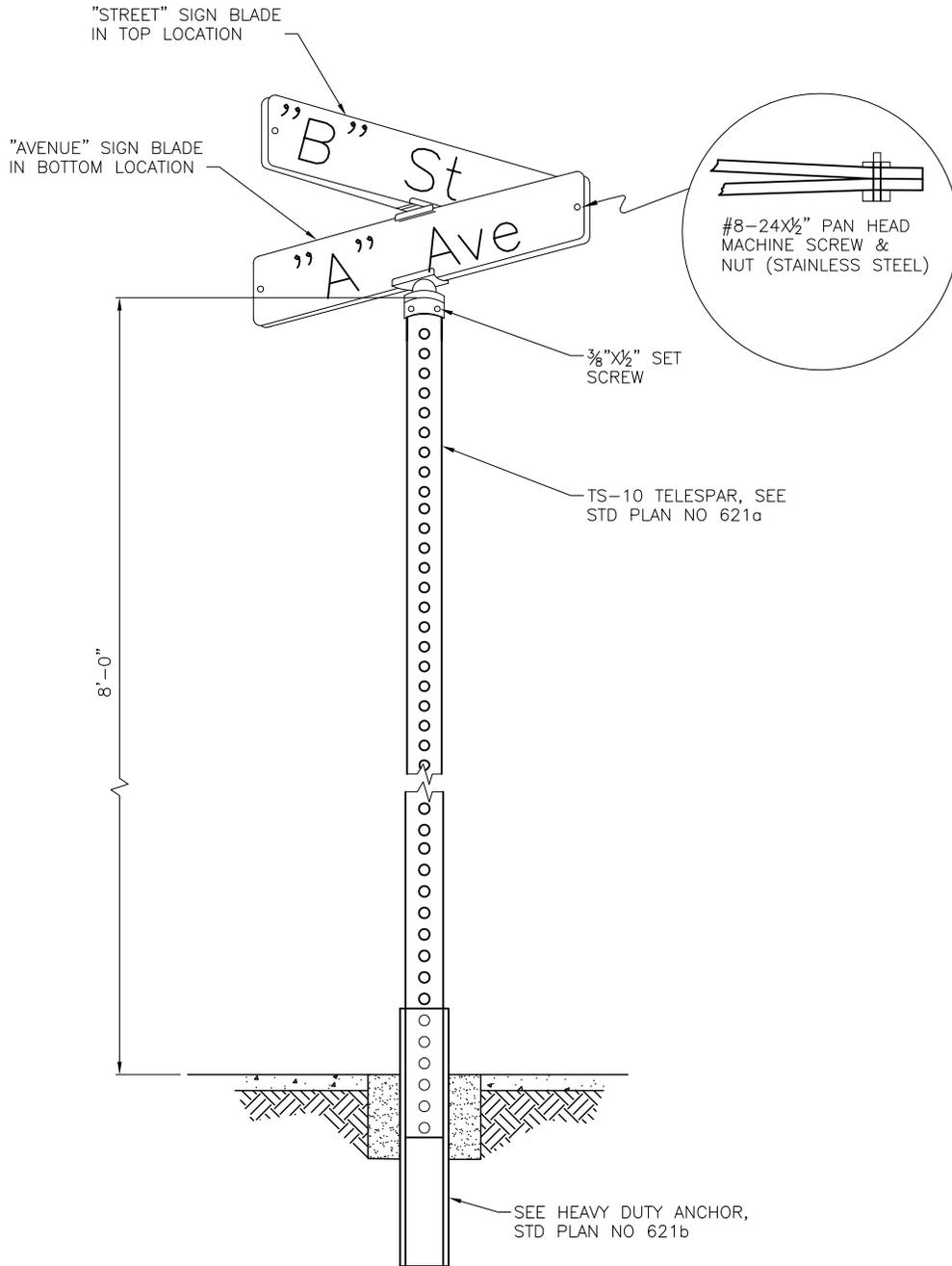
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

**WARNING AND REGULATORY
SIGN POST ANCHOR
INSTALLATIONS**



NOTES:

1. SNS BLADE SHALL BE INSTALLED PARALLEL TO CORRESPONDING STREET
2. INSTALLATION OF SNS ON ANY OTHER METAL POLE SHALL REQUIRE REVIEW AND APPROVAL BY THE ENGINEER
3. SNS/SP RELOCATION: OLD CONCRETE SHALL BE REMOVED AND NEW CONCRETE BASE SHALL BE CONSTRUCTED
4. CITY OF SEATTLE SHALL FABRICATE SNS BLADES AND SUPPLY MOUNTING HARDWARE AT PROJECT OR CONTRACTOR EXPENSE

REF STD SPEC SEC 8-21



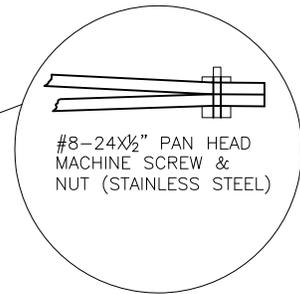
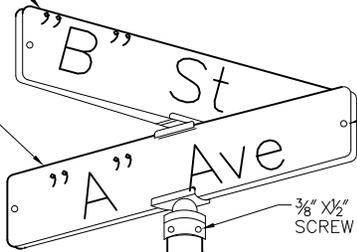
City of Seattle

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STREET NAME SIGN
INSTALLATION

"STREET" SIGN BLADE
IN TOP LOCATION

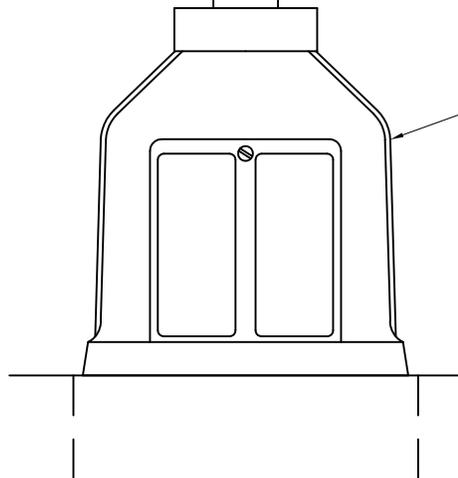
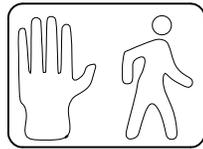
"AVENUE" SIGN BLADE
IN BOTTOM LOCATION



$\frac{3}{8}$ " X $\frac{1}{2}$ " SET
SCREW

2 $\frac{1}{2}$ " ID NIPPLE

2 $\frac{1}{2}$ " REDUCER



PEDESTAL AND FOUNDATION
(SEE STD PLAN NO 524)

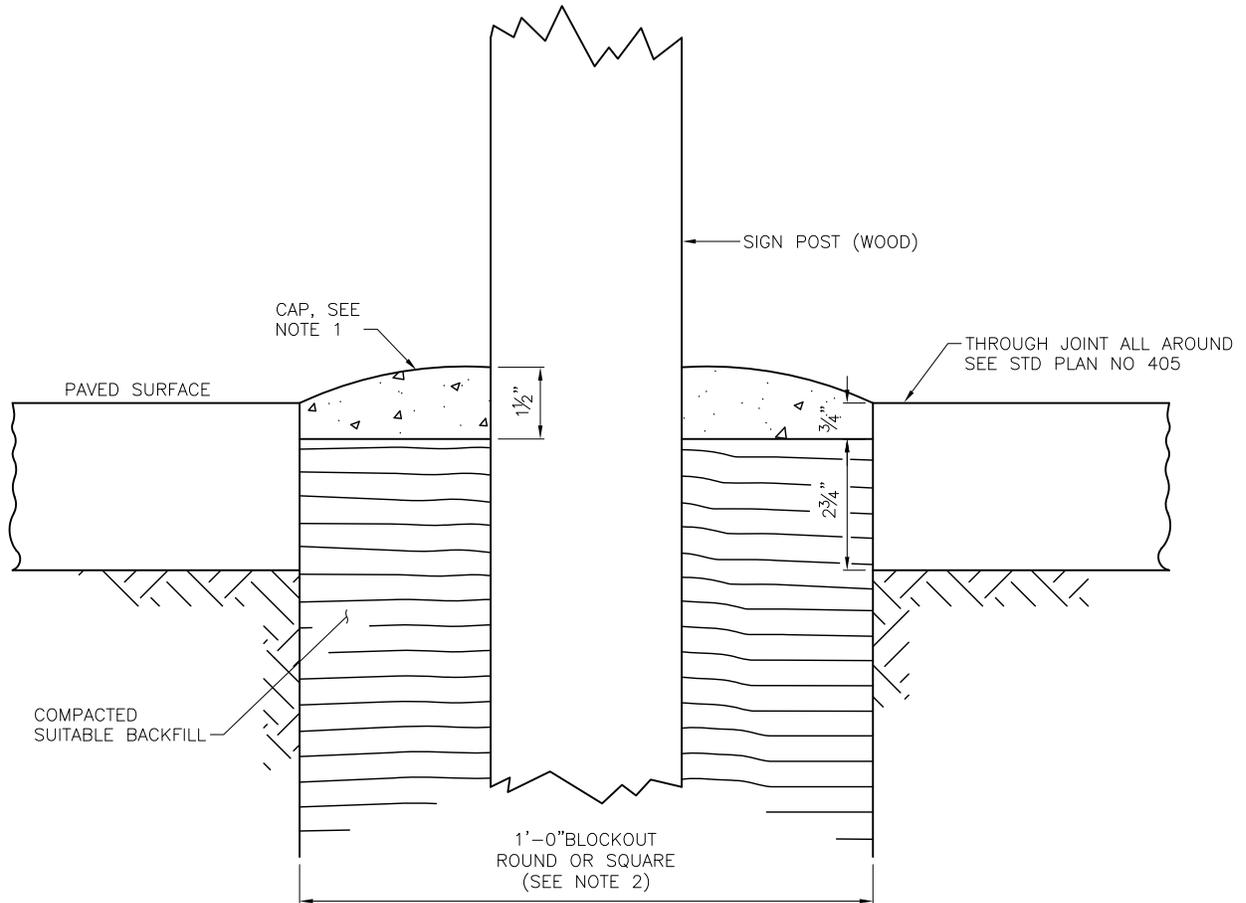
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

STREET NAME SIGN
PEDESTAL INSTALLATION



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.

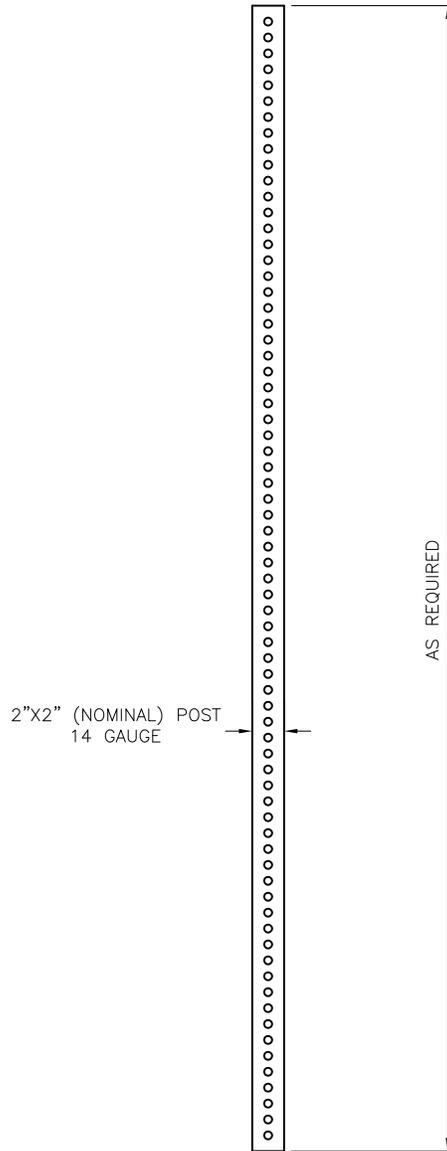
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

POST CAP



QWIK PUNCH TELES PAR STANDARD SIGN POST
(TS-5, TS-8, TS-10, TS-12)

NOTES:

1. SEE STD PLANS NO 620 & 621

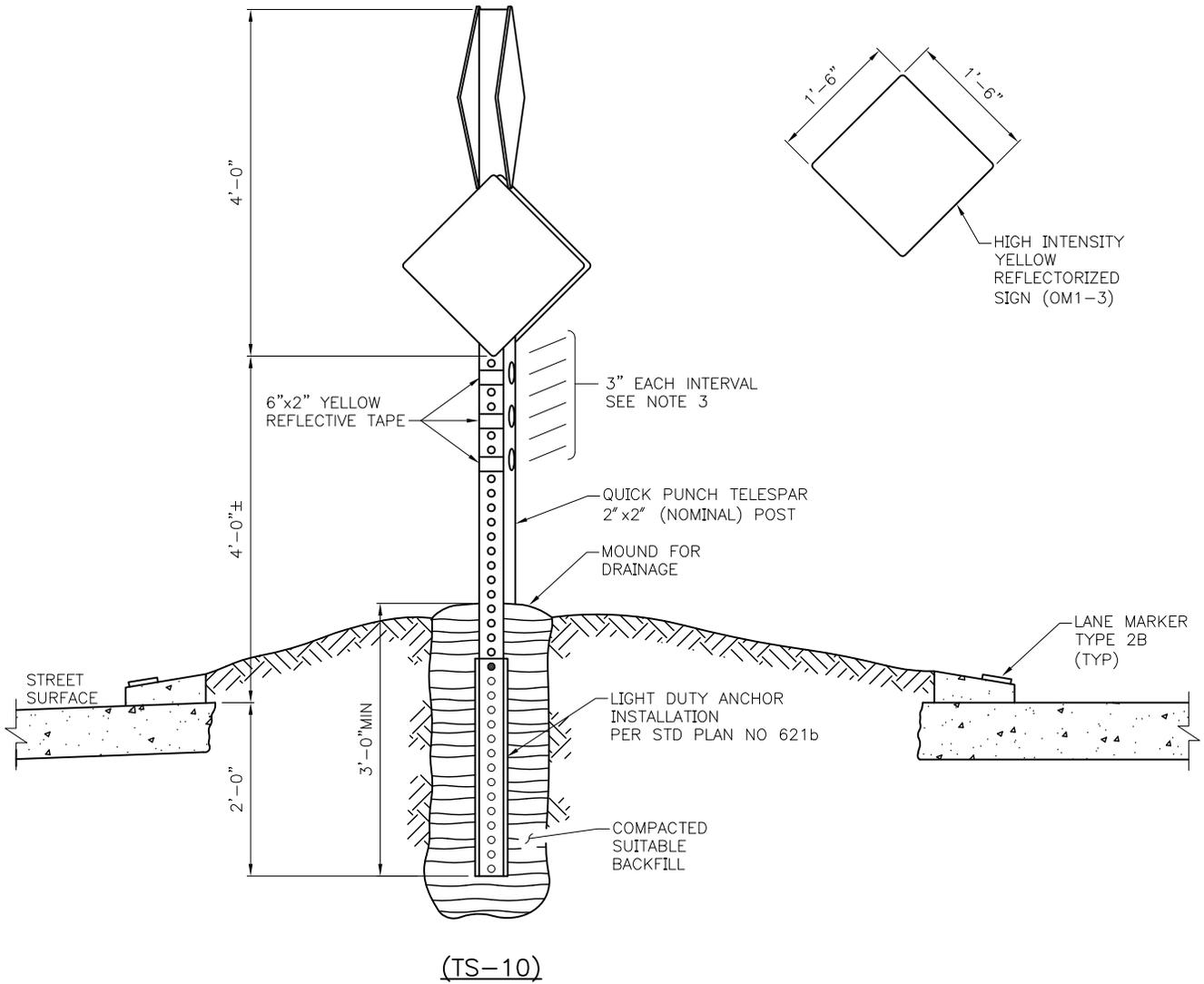
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

TRAFFIC SIGN POSTS



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 SHALL FACE THE HIGHER TRAFFIC VOLUME STREET
2. IN THE CASE WHERE AN APPROACH HAS A GRADE LARGER THAN 3% THE HIGHER SIGNS WILL FACE THE STEEPEST APPROACH 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

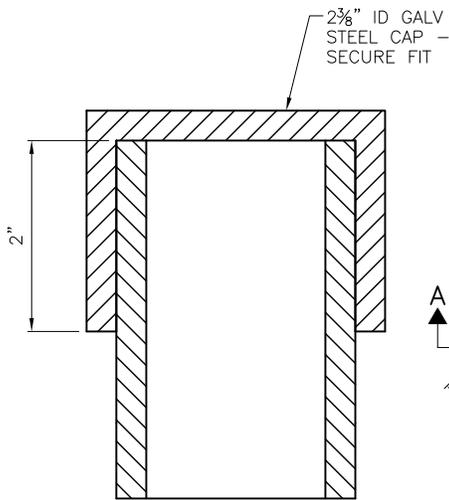
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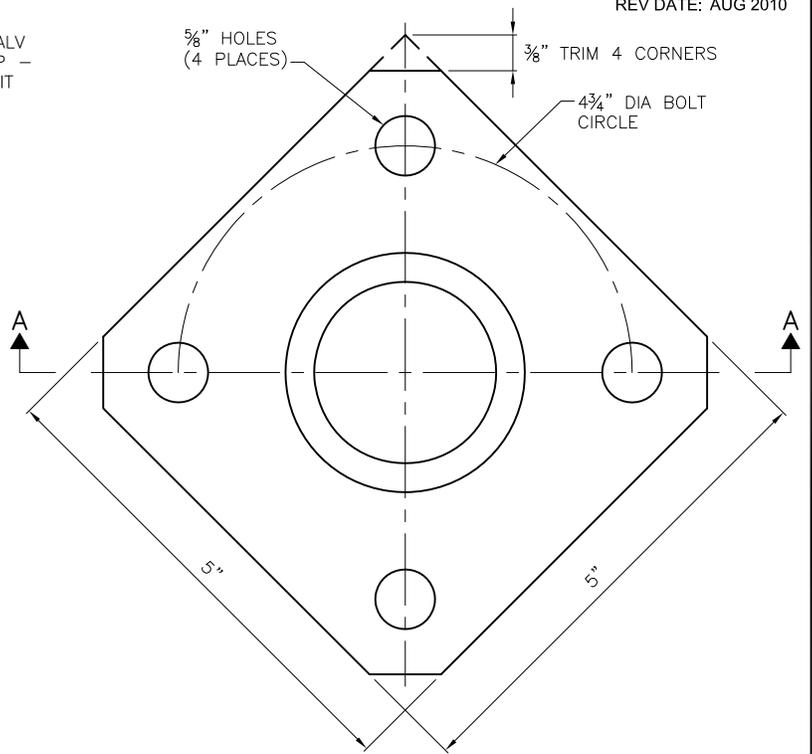
City of Seattle

NOT TO SCALE

**OBJECT MARKER INSTALLATION
IN TRAFFIC CIRCLE**

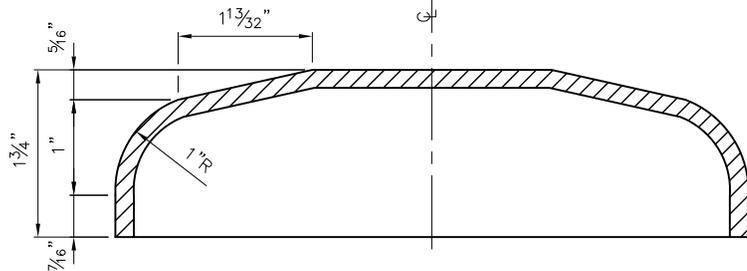
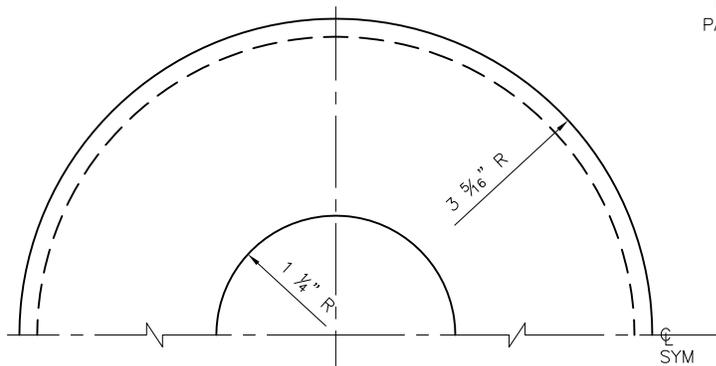


METER POST CAP
(TO BE USED W/ SIGN INSTALLATION)

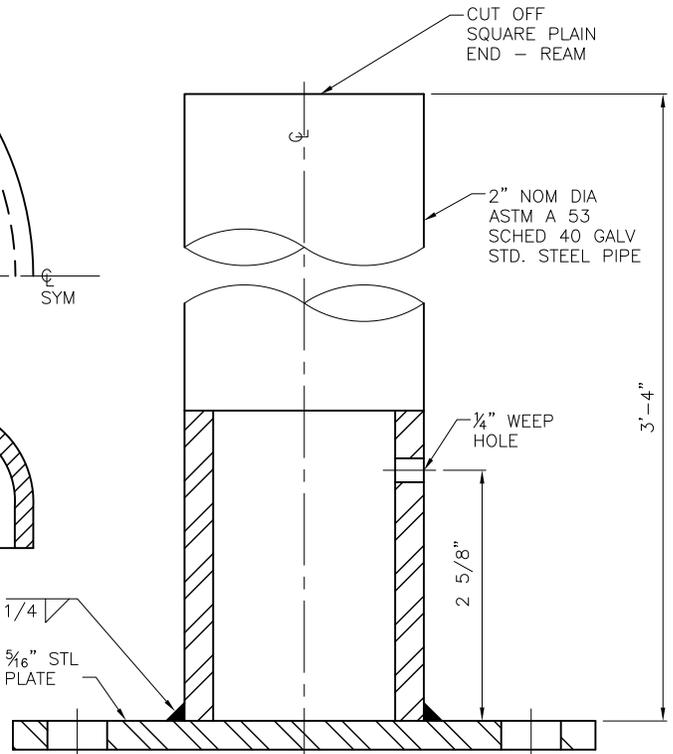


METER POST

PRIME WITH EPOXY ZINC PHOSPHATE PRIMER.
PAINT WITH TWO (2) COATS OF POLY URETHANE PAINT, ALUMINUM COLOR



METER POST BASE CANOPY
MATERIAL: 0.062' 2-5-0 ALUM



SECTION A-A

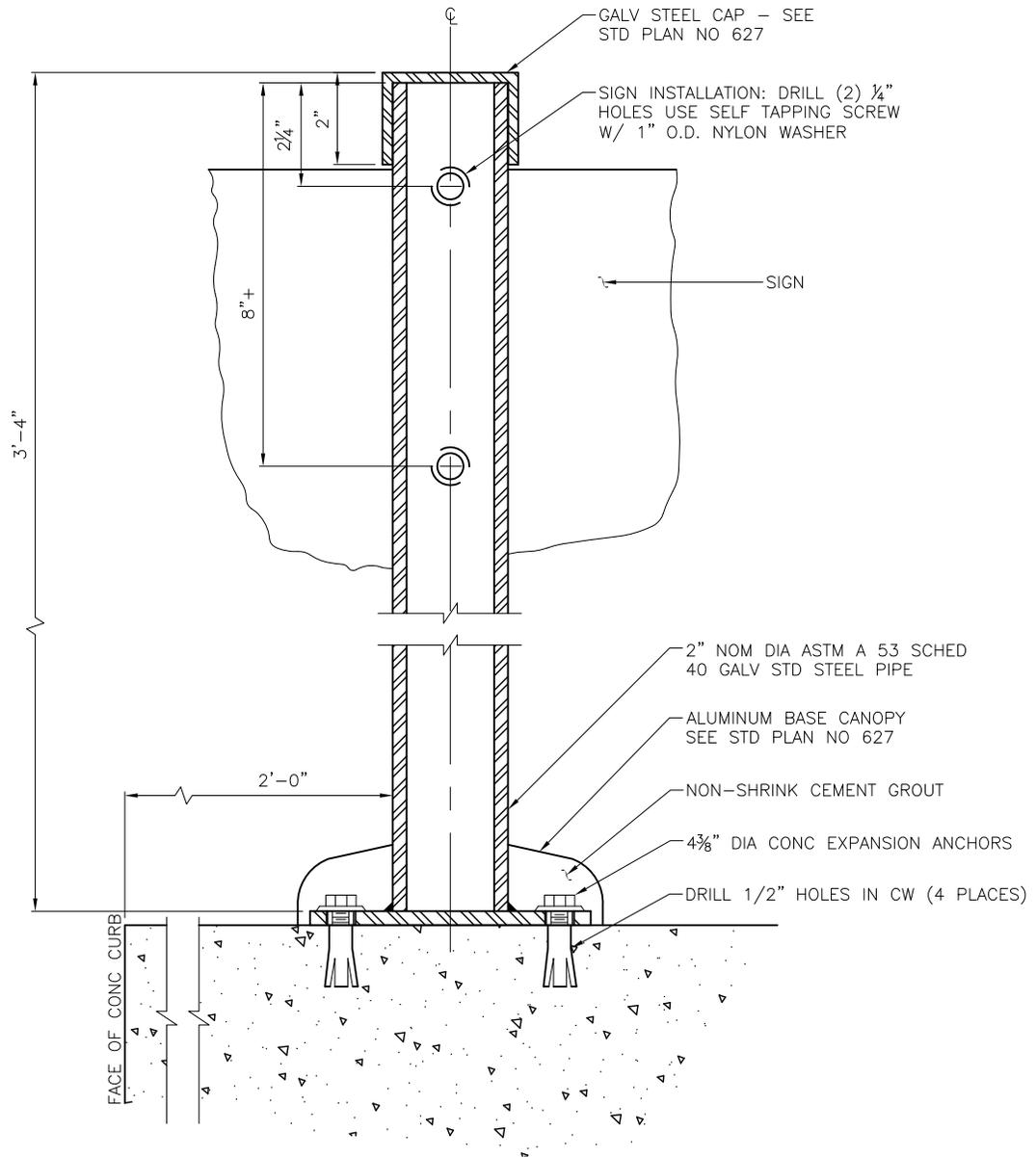
REF STD SPEC SEC 8-21



City of Seattle

NOT TO SCALE

PARKING METER POST & ACCESSORIES



REF STD SPEC SEC 8-21



City of Seattle

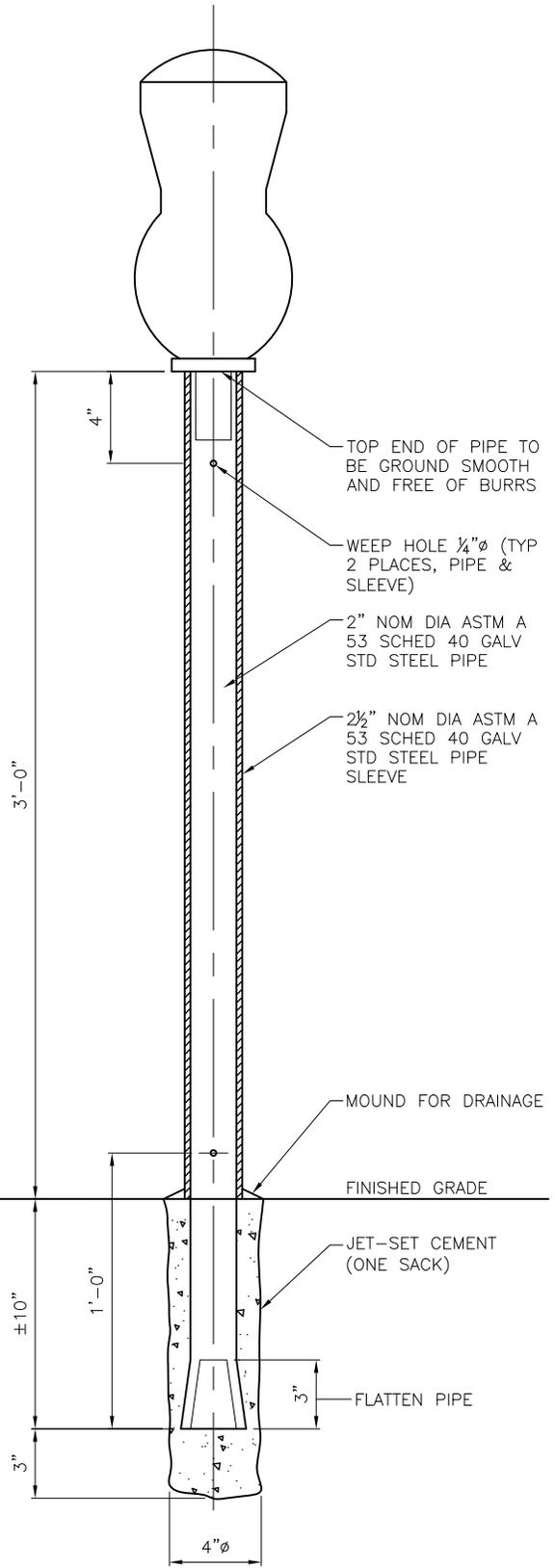
NOT TO SCALE

SURFACE MOUNT METER POST INSTALLATION DETAIL

FACE OF CURB

NOTES:

1. POST TO BE PLUMB
2. NOTIFY SEATTLE DEPARTMENT OF TRANSPORTATION (684-5087) FOR REMOVAL OF EXISTING POSTS
3. WHEN NEW POSTS HAVE BEEN SET, NOTIFY SDOT TO REINSTALL METERS
4. A 2½" NOM DIA ASTM A 53 GALV STD STEEL PIPE SHALL BE FITTED OVER THE 2" PIPE FULL LENGTH. ENDS OF SLEEVE PIPE TO BE GROUND SMOOTH AND FREE OF BURRS



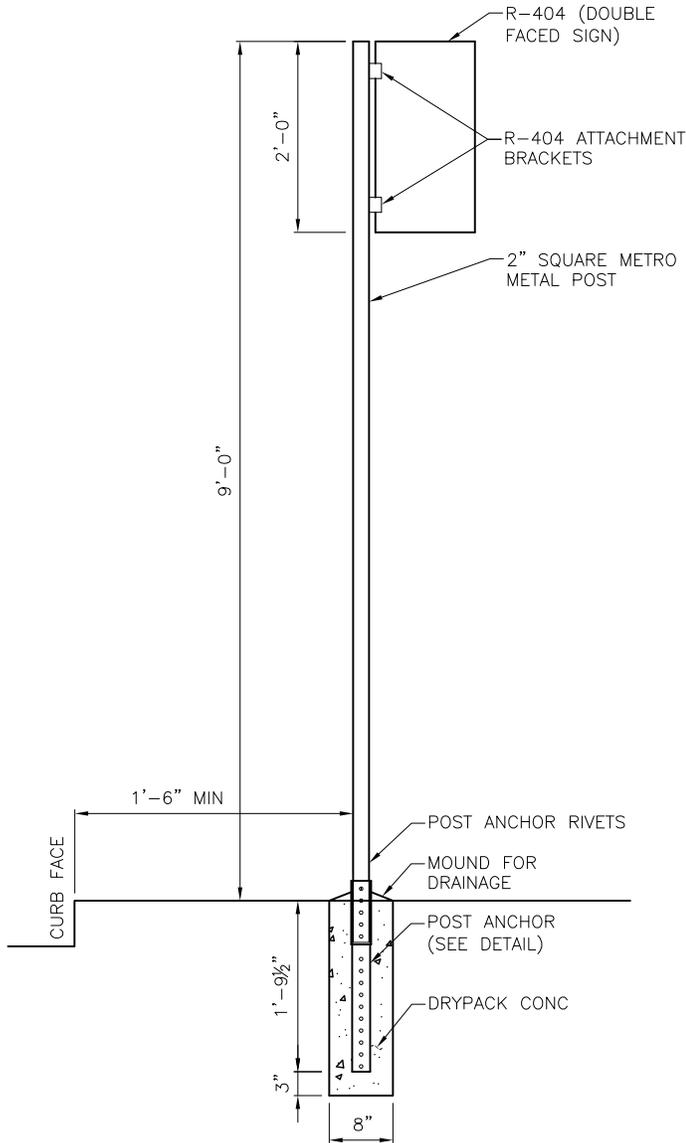
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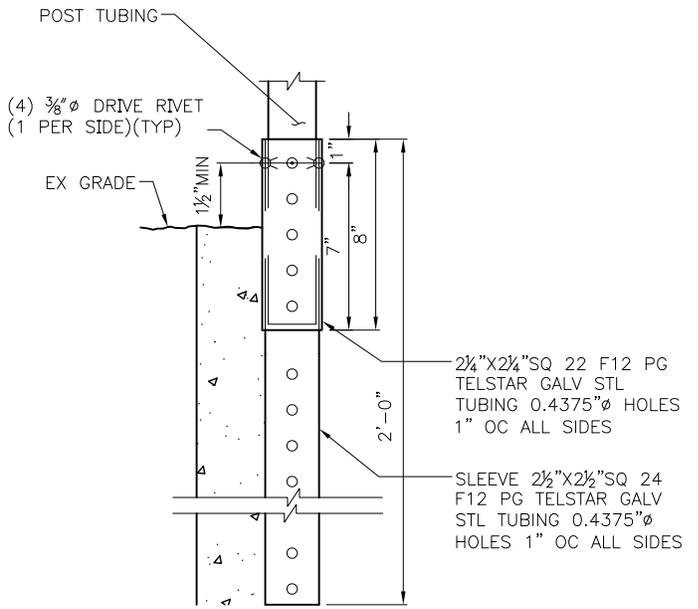
**DIRECT BURIAL METER POST
INSTALLATION DETAIL**



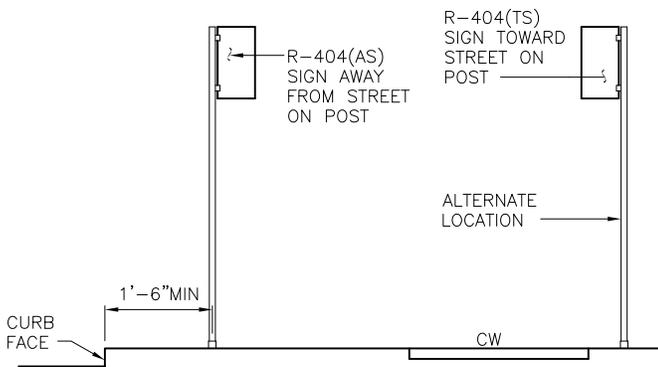
DIRECT BURIAL INSTALLATION

NOTES:

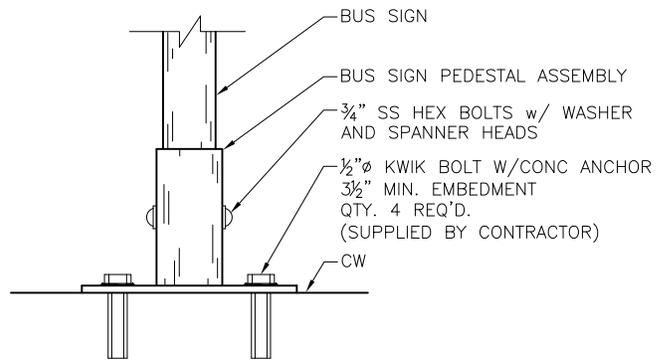
1. POST ANCHOR RIVETS SHALL BE 1 1/2" ABOVE GROUND LEVEL
2. ATTACHMENT BRACKETS SHALL FACE AWAY FROM STREET AS WHEN POST IS LOCATED 3'-0" FROM EDGE OF CURB. ATTACHMENT BRACKETS SHALL FACE TOWARDS STREET (TS) WHEN POST IS LOCATED AT BACK SIDE OF SIDEWALK
3. FOR POST RELOCATIONS, OLD CONCRETE SHALL BE REMOVED FROM POST
4. ALL SIGNS, STRUCTURES AND HARDWARE PROVIDED BY METRO EXCEPT WHERE NOTED OTHERWISE ON THIS STD PLAN.
5. WHERE SURFACE MOUNTED BUS ZONE SIGNS ARE REQUIRED ON SLOPED SIDEWALK, THE CONTRACTOR SHALL PLUMB THE POST BY BUILDING A NON-SHRINK GROUT PAD UNDER PEDESTAL ASSEMBLY WITH SMOOTH 1H TO 1V TAPER ON THE GROUT EDGE. THE BOLT ANCHOR LENGTH SHALL BE ADJUSTED TO PROVIDE A MIN 3 1/2" EMBEDMENT THROUGH THE GROUT INTO THE EXISTING CONCRETE.



POST ANCHOR DETAIL



SIGN LOCATION DETAIL



SURFACE MOUNT INSTALLATION

REF STD SPEC SEC 8-21



City of Seattle

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METRO BUS ZONE SIGN INSTALLATION