WOOD POLE INSTALLATION

METAL POLE INSTALLATION

BULL RING INSTALLATION

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

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.
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 7GAUGE, USE 3/8" STAINLESS STEEL RIVNUTS ON METAL POLES 7GAUGE 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.
NOTE:
ALL HARDWARE SHALL BE STAINLESS STEEL

SDS SHALL BE LEVEL
SIGN TO BE FLUSH AGAINST MAST ARM BRACKET
METAL POLE

ALUMINUM SIGN
C3X2.1
3 GAUGE MAST ARM
DRILL AND TAP (APPLY GALV REPAIR PAINT)
3/8" X 3" SS HEX HEAD BOLT W/ FLAT WASHER

C3X2.1

REF STD SPEC SEC 8-21

SDS BRACKET FOR STEEL MAST ARM POLES

City of Seattle
NOT TO SCALE

NOTES:
1. WHEN INSTALLING BRACKET ONTO WOOD POLE DRILL OUT THE TOP & BOTTOM TWO HOLE TO 3/8" FOR 3/8"DIA X 2 1/8" LONG BOLT WITH 3/8"D X 1"O.D FLAT WASHER. DRILL AND TAP POLE AS FOLLOWS: FOR STEEL POLES LESS THAN SEVEN (7) GAUGE USE 3/8" STAINLESS STEEL RIVNUTS; ON ALUMINUM POLES USE 3/8" ALUMINUM RIVNUTS. RIVNUTS OPTIONAL ON HEAVIER GAUGE STEEL POLES.
2. WHEN INSTALLING SIGN BOARD ONTO BRACKET, USE SIX (6) 3/8"DIA X 1 3/8" LONG BOLT WITH FLAT WASHER, LOCK WASHER & 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.

REF STD SPEC SEC 8-21

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 RV NUTS ON ALUMINUM POLES.

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

DETAIL A
ALUMINUM MOUNTING BRACKET

REF STD SPEC SEC 8-21
NOTES:
1. ON POLES FILLED WITH OR MADE FROM CONCRETE USE 5/16" X 2 ½" MIN STUD BOLT ANCHORS WITH HEX NUT
2. FOR SIGNS OVER 2'-6" X 3'-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

City of Seattle  NOT TO SCALE  TRAFFIC SIGN MOUNTING ON METAL POLES

POST ANCHOR INSTALLATIONS

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

SEE HEAVY DUTY ANCHOR, STD PLAN NO 621b
"STREET" SIGN BLADE IN TOP LOCATION

"AVENUE" SIGN BLADE IN BOTTOM LOCATION

\#8-24x\(\frac{3}{8}\) PAN HEAD MACHINE SCREW & NUT (STAINLESS STEEL)

\(\frac{3}{8}\) x \(\frac{3}{8}\) 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

STREET NAME SIGN PEDESTAL INSTALLATION

City of Seattle

NOT TO SCALE

NOTES:
1. CAP SHALL BE MADE OF THE SAME MATERIAL AS THE SURROUNDING PAVED SURFACE AND SHALL BE MOUNTED 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
QUICK PUNCH TELESPAR STANDARD SIGN POST
(TS-5, TS-8, TS-10, TS-12)

NOTES:
1. SEE STD PLANS NO 620 & 621
METER POST CAP
(TO BE USED W/ SIGN INSTALLATION)

METER POST
PRIME WITH EPOXY ZINC PHOSPHATE PRIMER.
PAIN 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

GALV STEEL CAP - SEE
STD PLAN NO 627

SIGN INSTALLATION: DRILL (2) 3/4"
HOLES USE SELF TAPPING SCREW
W/ 1" O.D. NYLON WASHER

4 ½" DIA CONC EXPANSION ANCHORS
DRILL 1/2" HOLES IN CW (4 PLACES)

2" NOM DIA ASTM A 53 SCHED
40 GALV STD STEEL PIPE

ALUMINUM BASE CANOPY
SEE STD PLAN NO 627

NON-SHRINK CEMENT GROUT

3'-4"

2'-0"

5" +

3" -

FILE OF CONC CURB

REF STD SPEC SEC 8-21

City of Seattle

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

REF STD SPEC SEC 8-21

City of Seattle  NOT TO SCALE  DIRECT BURIAL METER POST INSTALLATION DETAIL

NOTES:
1. POST ANCHOR RIVETS SHALL BE 3½" 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 1" TO 1½ TAPER ON THE GROUT
   EDGE. THE BOLT ANCHOR LENGTH SHALL BE ADJUSTED TO
   PROVIDE A MIN ⅜ EMBEDMENT THROUGH THE GROUT INTO
   THE EXISTING CONCRETE.

DIRECT BURIAL INSTALLATION

SIGN LOCATION DETAIL

SURFACE MOUNT INSTALLATION

METRO BUS ZONE SIGN
INSTALLATION