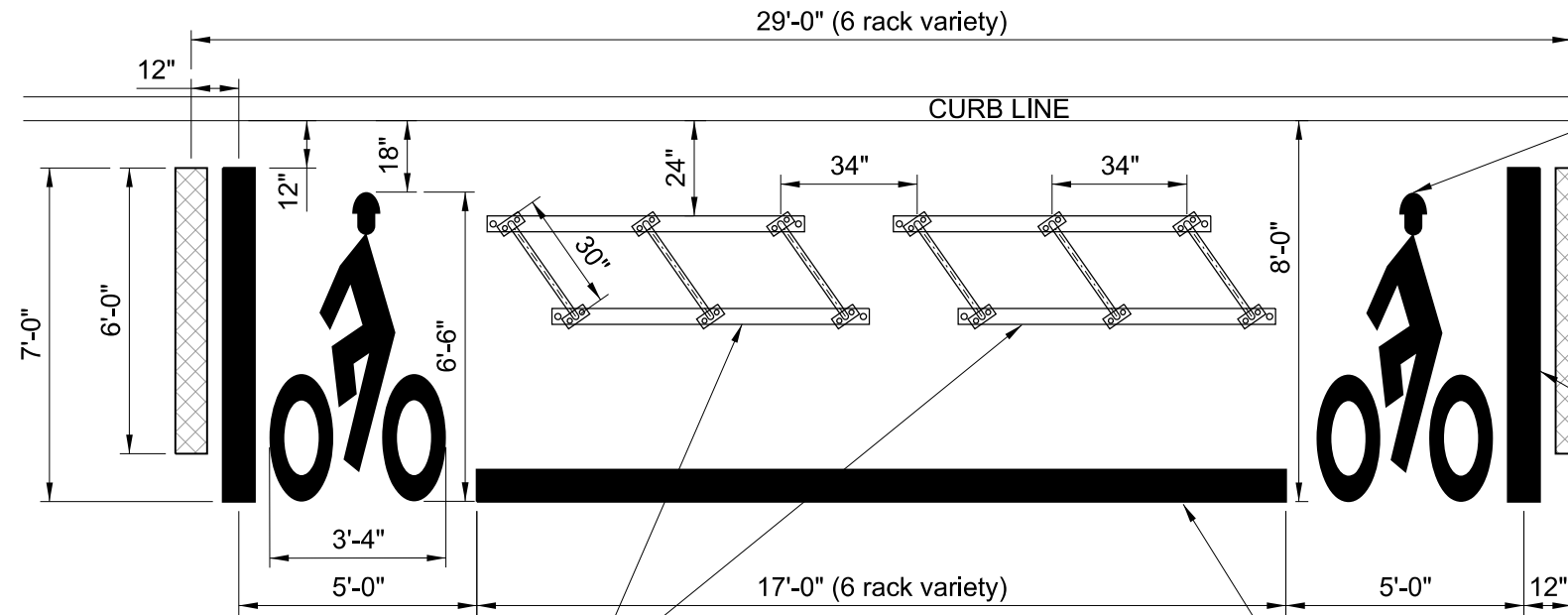


SITE PLAN (TYP.)



Bike stencil, 6'-6"x3'-4" cold thermoplastic, centered in 5'-0" openings at each end of facility. Wheel edge to sit at 8'-0" from edge of curb. Premark #89230524SP(+)+HS or equivalent.

Two 6" recycled rubber parking blocks (traffic Safety Supply Co#17909300 or equivalent) installed at either end of facility using two 4" and 5/8" wedge bolts (Power Fasteners #762SD or equivalent)

8" wide white preformed fused cold thermoplastic 7 feet long.

Welded bicycle rack cluster detail installed 2'-0" from edge of curb.
- See BICYCLE RACK DETAIL.

PLAN VIEW
NTS

White preformed fused thermoplastic (cold thermoplastic) 8" wide measured 8'-0" from curb edge. Install along entire length of installed welded racks (will vary), with 5'-0" gaps for bicycle stencils.

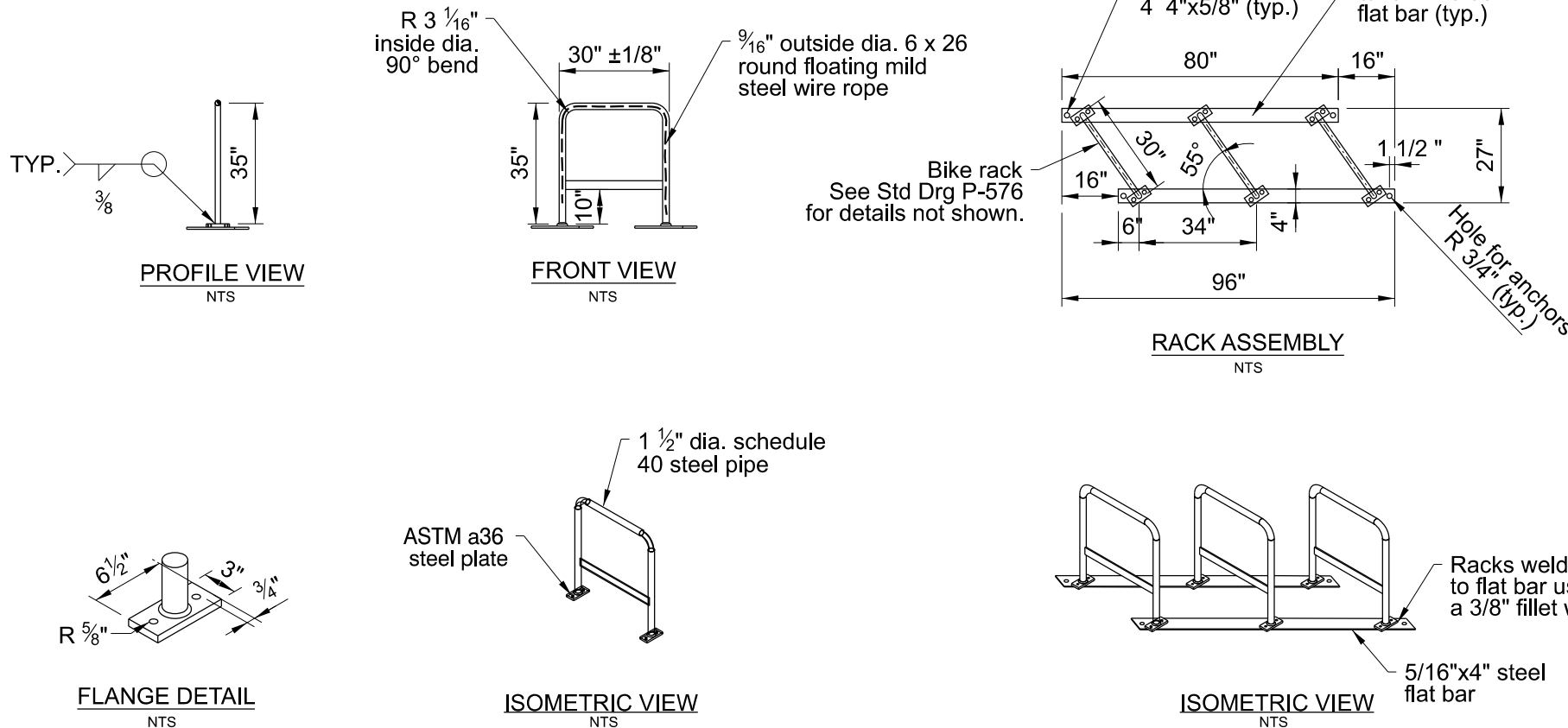
Installation Notes:

- Total facility length is based on number of bicycle racks to be installed:
3 racks - 8' rack length - 20' total facility length
6 racks - 17' rack length - 29' total facility length
9 racks - 27' rack length - 39' total facility length
12 racks - 37' rack length - 49' total facility length
- When facility is installed against curb extension, parking curb and perpendicular 8" white tape can be omitted. Bike stencil and delineator should be installed.
- Existing adjacent bicycle racks on sidewalk are to be removed in consultation with adjacent property owner and City. Removed racks to be returned to:
- Albina Yard, 3150 N. Mississippi Avenue.
- Bicycle racks are welded together in 3 rack clusters. When installed each cluster is placed 34" apart to mimic welding spacing.
- Welded clusters are attached to asphalt roadway using minimum four 4"x5/8" wedge bolts (Power Fasteners #7262SD or equivalent).

MATERIALS:

- 1-1/2" dia., schedule 40 pipe, ASTM A53, GRB
- Weld tubing to plate with Flex Core Wire 7018 or dual shield or approved equal with minimum tensile strength of 70,000psi.
- Finish: galvanized to ASTM A123 specifications. Powercoat applied using ASTM D6386-99 standards. Standard color dark blue RAL color 5010 49/42280. Other colors may be submitted for approval.

BIKE RACK DETAIL



PROFILE VIEW
NTS

FRONT VIEW
NTS

RACK ASSEMBLY
NTS

FLANGE DETAIL
NTS

ISOMETRIC VIEW
NTS

ISOMETRIC VIEW
NTS

The selection and use of this Standard Drawing, while designed in accordance with generally accepted engineering principles and practices, is the sole responsibility of the user.

Note:
All material and workmanship shall be in accordance with the City of Portland Standard Construction Specifications.

PORTLAND BUREAU OF TRANSPORTATION

PBOT
City Engineer

Standard Drawing Title
ON-STREET BICYCLE PARKING CORRAL

Effective Date:
Calc. Book No.:
Std. Drg. Report Date:

Standard Drawing No.
P-