

CHAIN LINK FENCING

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APPLICATION: ELEMENTARY, MIDDLE AND HIGH SCHOOL

DATE OF ISSUE:

06-02-98 - miscellaneous revisions
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NOTES:

Provide chain link fencing in accordance with the attached specification where required by the ed spec.

ATTACHMENTS:

Chain link fencing specification, dated 06-02-98.

CHAIN LINK FENCE SPECIFICATIONS

Revised 06-02-98

4' HIGH CHAIN LINK FENCE

All fabric, fittings, posts and rails are to be full-weight (1.2 oz) hot-dipped galvanized. All posts and horizontal rails are to be schedule 40.

All of the following parts are to be industrial galvanized:

- offset bands: 3" galvanized
- center bands: 2", 2 1/2" and 3" galvanized
- rail end fittings: 1 5/8" galvanized
- sleeves: 1 5/8" galvanized
- nuts and bolts: galvanized, to be fully tightened

All fittings are to be heavy malleable steel, to include loop caps, dome caps, rail end fittings and tension bars. All material is to be US Industrial top grade.

Chain link fence fabric is to be 4' knuckle, 9 gauge, galvanized. Chain link fence fabric is to be stretched tightly and is to be lined level at top. All fence fabric is to be set at ground level.

Corner Posts and terminal posts are to be 3" diameter x 7' long, with dome caps. The tops of all corner and terminal posts are to be set 4'-4" above the ground. All corners are to be center braced with 1 5/8" diameter rails. Top rail is to terminate at all corner posts and terminal posts. Provide a rail end fitting at each termination of the top rail. Provide full-height tension bars at each corner and terminal post. Provide corner posts at each side of gates and terminal posts every 150' in a straight run.

Line posts are to be 2" diameter x 6' long, except at roll-gates where they are to be 2 1/2" diameter x 6' long to hold track clamps and track for roll gate. Provide loop caps at all line posts for 1 5/8" diameter top rail. The tops of all line posts are to be set 3'-8" above the ground.

Gates are to be 1 5/8" diameter full weight welded frame with 1 5/8" diameter bracing with industrial hinges and all necessary fittings. At roll gates provide an 18" wide concrete pad with two #4 reinforcing bars underneath the roll gate. Roll gates are to have one horizontal brace and one vertical brace, except on 24' wide gates which are to have one horizontal brace and three vertical braces, each to be 1 5/8" diameter. All gate leaves wider than 6' are to be provided with a solid rubber wheelbarrow tire and axle installed in gate frame to support gate.

Tie wires are to be 9 gauge aluminum, double wrapped, both ends. All fabric is to be tied not less than 2' apart on all horizontal and vertical members.

Walk-through openings are to be 6' wide. Where an offset fence panel is required at walk-through openings (i.e. at playcourts), it is to extend 2' beyond each side of the opening and is to be the same height as the main fence. Offset fence panels are to be installed no less than 18" behind the main fence. Posts are to be 3" diameter x 7' high and provided with a 1 5/8" diameter top rail.

Line posts are to be set on 10' centers or less. Set all posts in 1' diameter concrete, from the bottom of the post to 3" below the finished grade. The concrete mix for postholes is to be of small gravel, sand, and cement.

Top rails are to be 1 5/8" diameter.

Job is to be cleaned up completely when finished, and dirt is to be raked and leveled around posts.

All fencing is to be attached to the inside of the posts (i.e. at playcourts). Fencing adjacent to asphalt paved areas (such as running tracks) is to be set a minimum of 1'-6" from the edge to allow for future re-surfacing, fabric on the outside of the posts.

6' HIGH CHAIN LINK FENCE

All fabric, fittings, posts and rails are to be full-weight (1.2 oz) hot-dipped galvanized. All posts and horizontal rails are to be schedule 40.

All of the following parts are to be industrial galvanized:

- offset bands: 3" galvanized
- center bands: 2", 2 1/2" and 3" galvanized
- rail end fittings: 1 5/8" galvanized
- sleeves: 1 5/8" galvanized
- nuts and bolts: galvanized, to be fully tightened

All fittings are to be heavy malleable steel, to include loop caps, dome caps, rail end fittings and tension bars. All material is to be US Industrial top grade.

Chain link fence fabric is to be 6' knuckle, 9 gauge galvanized. Chain link fence fabric is to be stretched tightly and is to be lined level at top. All fence fabric is to be set at ground level.

Corner Posts and are to be 3" diameter x 9' long with dome caps. The tops of all corner and terminal posts are to be set 6'-4" above the ground. All corners are to be center braced with 1 5/8" diameter rails. Top rail is to terminate at all corner posts and terminal posts. Provide a rail end fitting at each termination of the top rail. Provide full-height tension bars at each corner and terminal post. Provide corner posts at each side of gates and terminal posts every 150' in a straight run.

Line posts are to be 2" diameter x 8' long, except at roll-gates where they are to be 2 1/2" diameter x 8' long to hold track clamps and track for roll gate. Provide loop caps at all line posts for 1 5/8" diameter top rail. The tops of all line posts are to be set 5'-8" above the ground.

Gates are to be 1 5/8" diameter full weight welded frame with 1 5/8" diameter bracing with industrial hinges and all necessary fittings. At roll gates provide an 18" wide concrete pad with two #4 reinforcing bars underneath the roll gate. Roll gates are to have one horizontal brace and one vertical brace, except on 24' gates which are to have one horizontal brace and three vertical braces, each to be 1 5/8" diameter. All gate leaves wider than 6' are to be provided with a solid rubber wheelbarrow tire and axle installed in gate frame to support gate.

Tie wires are to be 9 gauge aluminum, double wrapped, both ends. All fabric is to be tied not less than 2' apart on all horizontal and vertical members.

Walk-through openings are to be 6' wide. Where an offset fence panel is required at walk-through openings (i.e. at playcourts), it is to extend 2' beyond each side of the opening and is to be the same height as the main fence. Offset fence panels are to be installed no less than 18" behind the main fence. Posts are to be 3" diameter x 9' high, and braced with 1 5/8" diameter rails at the top and center.

Line posts are to be set on 10' centers or less. Set all posts in 1' diameter concrete, from the bottom of the post to 3" below the finished grade. The concrete mix for postholes is to be of small gravel, sand, and cement.

Top rails are to be 1 5/8" diameter.

Job is to be cleaned up completely when finished, and dirt is to be leveled around posts.

All fencing is to be attached to the inside of the posts (i.e. at playcourts). Fencing adjacent to asphalt paved areas (such as running tracks) is to be set a minimum of 1'-6" from the edge to allow for future re-surfacing, fabric on the outside of the posts.

10' HIGH CHAIN LINK FENCE

All fabric, fittings, posts and rails are to be full-weight (1.2 oz) hot-dipped galvanized. All posts and horizontal rails are to be schedule 40.

All of the following parts are to be industrial galvanized:
offset bands: 3" galvanized to be spaced 2' apart on posts
center bands: 2", 2 1/2" and 3" galvanized
rail end fittings: 1 5/8" galvanized
sleeves: 1 5/8" galvanized
nuts and bolts: galvanized, to be fully tightened

All fittings are to be heavy malleable steel, to include loop caps, dome caps, rail end fittings and tension bars. All material is to be US Industrial top grade.

Chain link fence fabric is to be 10' knuckle, 9 gauge, with 2" mesh. Chain link fence fabric is to be stretched tightly and is to be lined level at top. All fence fabric is to be set at ground level.

Corner posts are to be 3" diameter x 13' long with dome caps. The tops of all corner and terminal posts are to be set 10'-4" above the ground. All 10' high fencing is to be top, center and bottom braced with 1 5/8" diameter rails. The top, center and bottom braces are to terminate at all corner posts and terminal posts. Provide a rail end fitting at each termination of the top rail. Provide full-height tension bars at each corner and terminal post. Provide corner posts at each side of gates and terminal posts every 150' in a straight run.

Line posts are to be 2 1/2" diameter x 13' long. Provide loop caps at all line posts for 1 5/8" diameter top rail. The tops of all line posts are to be set 9'-8" above the ground.

Gates are to be 1 5/8" diameter full weight welded frame with 1 5/8" diameter bracing with industrial hinges and fork latch or drop rod, with necessary fittings. All gates are to be braced horizontally and vertically. All gate leaves wider than 6' are to be provided with a solid rubber wheelbarrow tire and axle installed in gate frame to support gate.

Tie wires are to be 9 gauge aluminum, double wrapped, both ends. All fabric is to be tied not less than 2' apart on all horizontal and vertical members.

Walk-through openings are to be 6' wide. Where an offset fence panel is required at walk-through openings (i.e. at playcourts), it is to extend 2' beyond each side of the opening and is to be the same height as the main fence. Offset fence panels are to be installed no less than 18" behind the main fence. Posts are to be 3" diameter x 13' high, and braced with 1 5/8" diameter rails at the top, center, and bottom.

Where fencing encloses playcourts the bottom rail is to be installed so that the bottom is level with the top of the concrete slab, with the fabric extending 2" below the bottom of the rail.

Line posts are to be set on 10' centers or less. Set all posts in 1' diameter concrete, from the bottom of the post to 3" below the finished grade. Concrete mix for posts is to be small gravel, sand and cement.

Top rails are to be 1 5/8" diameter.

Job is to be cleaned up completely when finished, and dirt is to be leveled around posts.

All fencing is to be attached to the inside of the posts (i.e. at playcourts). Fencing adjacent to asphalt paved areas (such as running tracks) is to be set a minimum of 1'-6" from the edge to allow for future re-surfacing, fabric on the outside of the posts.