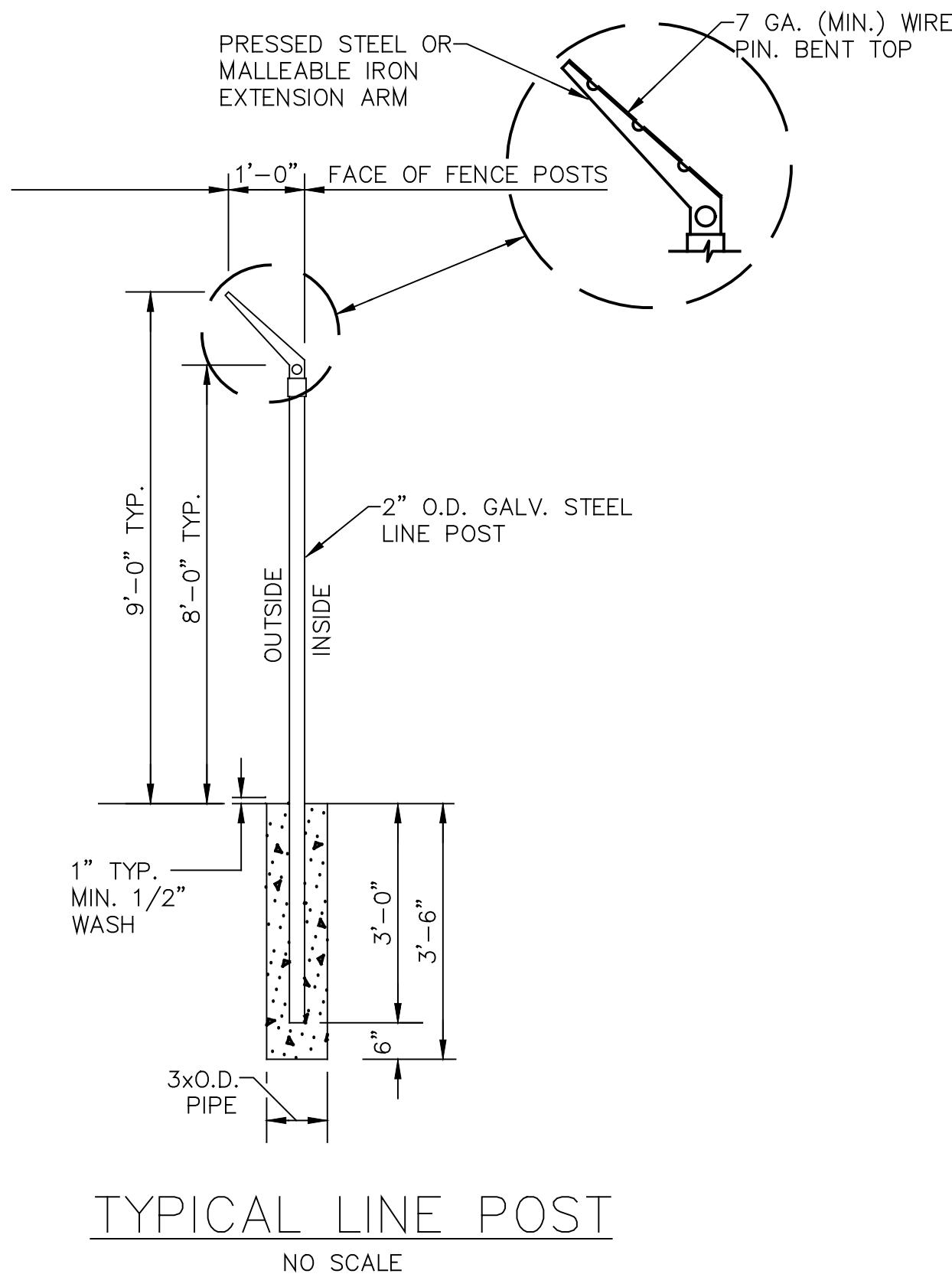
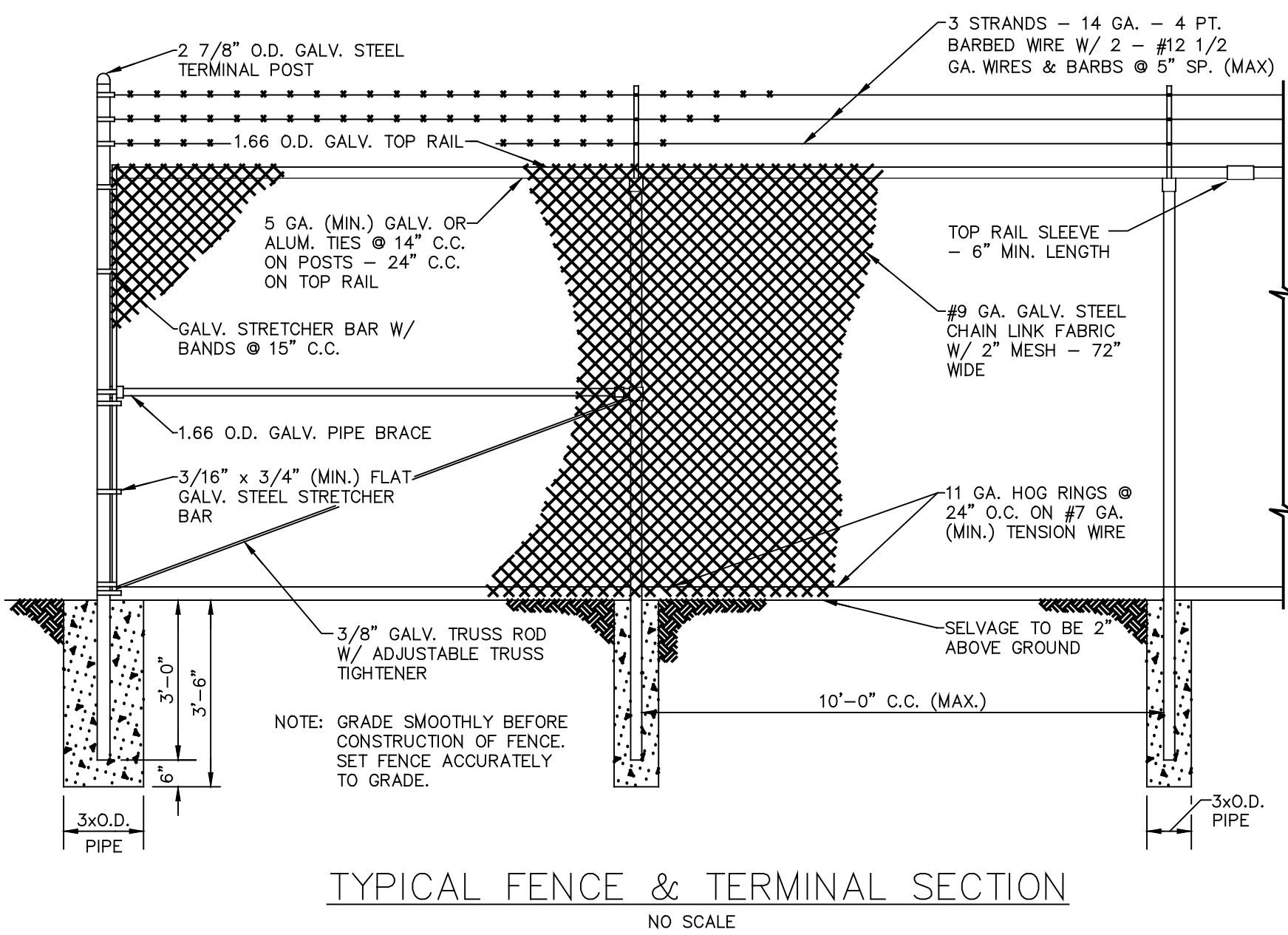
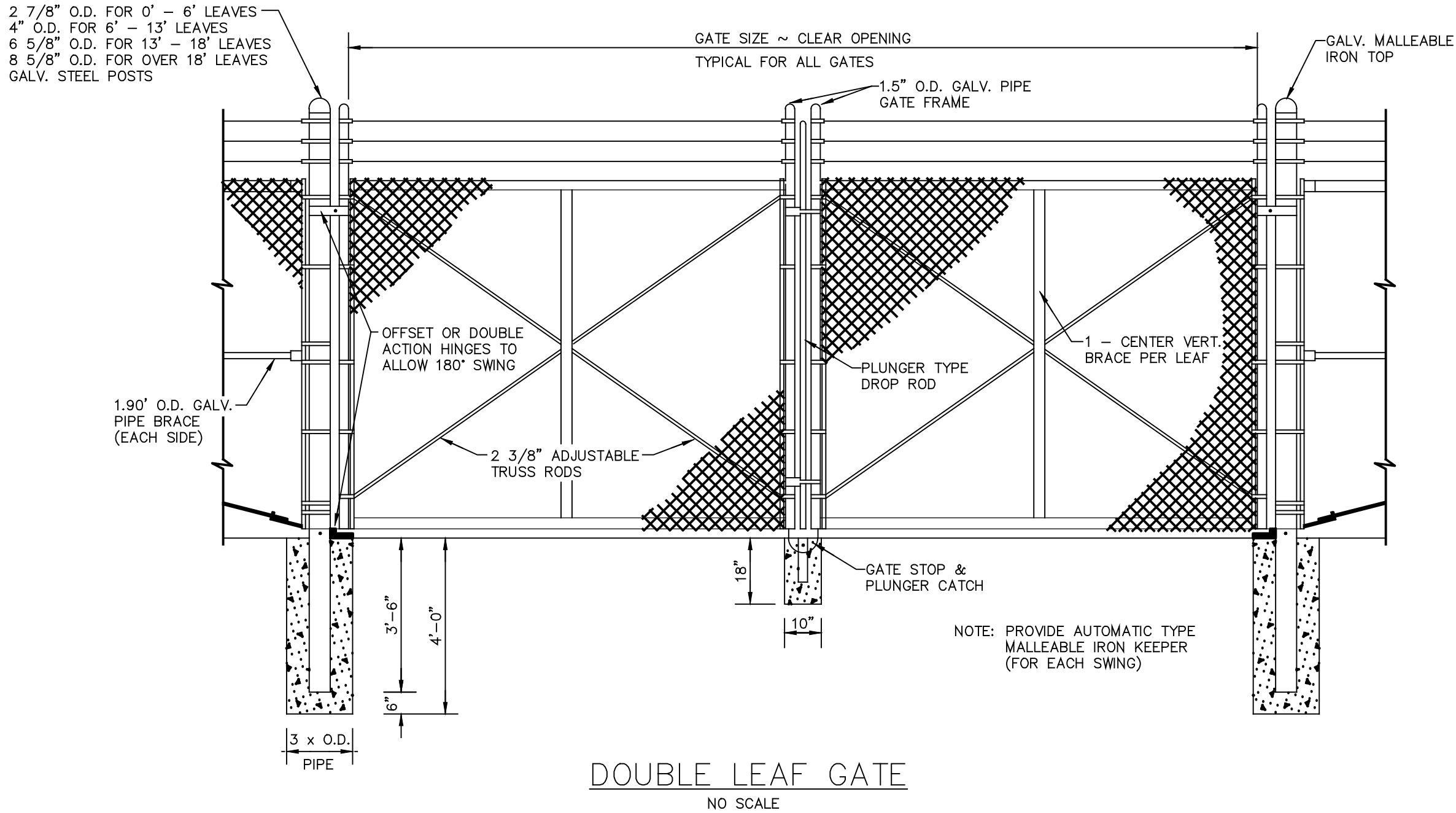




2.16 CHAIN LINK FENCE AND GATES

The Contractor shall furnish and erect chain link fencing and gates where shown on the Detail and Standard Drawings. In general, the fence will be 7 feet above grade (including 3 strands of barbed wire occupying the top 1 foot) with green privacy strips installed on entire fence. Gate(s) shall be supplied with a lift bar type lock post and a heavy duty padlock keyed to the Water Resources Department master.

Fence Fabric - shall be No. 9 gauge high quality, medium carbon steel woven in 2 inch mesh and aluminum coated in conformance with ASTM-A491 requirements. Fabric shall be fastened to line posts with fabric bands spaced approximately 14" apart, and to the top rail with tie wires, spaced approximately 24" apart. Connection to terminal posts shall be with ¼" x ¾" galvanized steel tension bars and 7/8" bands at 14" intervals.

Posts – Line posts shall be 2.25" x 1.7" H-Beams, 4.1 lbs/ft, or 2.5" O.D. Standard Weight Pipe, 3.65 lbs/ft. End, Corner and Pull Posts shall be 3" O.D. Standard Weight Pipe, 5.79 lbs/ft. All posts shall be hot dipped galvanized (2.0 oz/sq. ft. average) after fabrication. All intermediate posts shall be fitted with hot dip galvanized extension arms of pressed steel. End, gate and corner posts to be fitted with heavy malleable iron arms. Each arm to carry three (3) barb wires securely fastened thereto. Topmost barbed wire to be 12" above the fabric and 12" out from the fence line at an angle of 45 degrees.

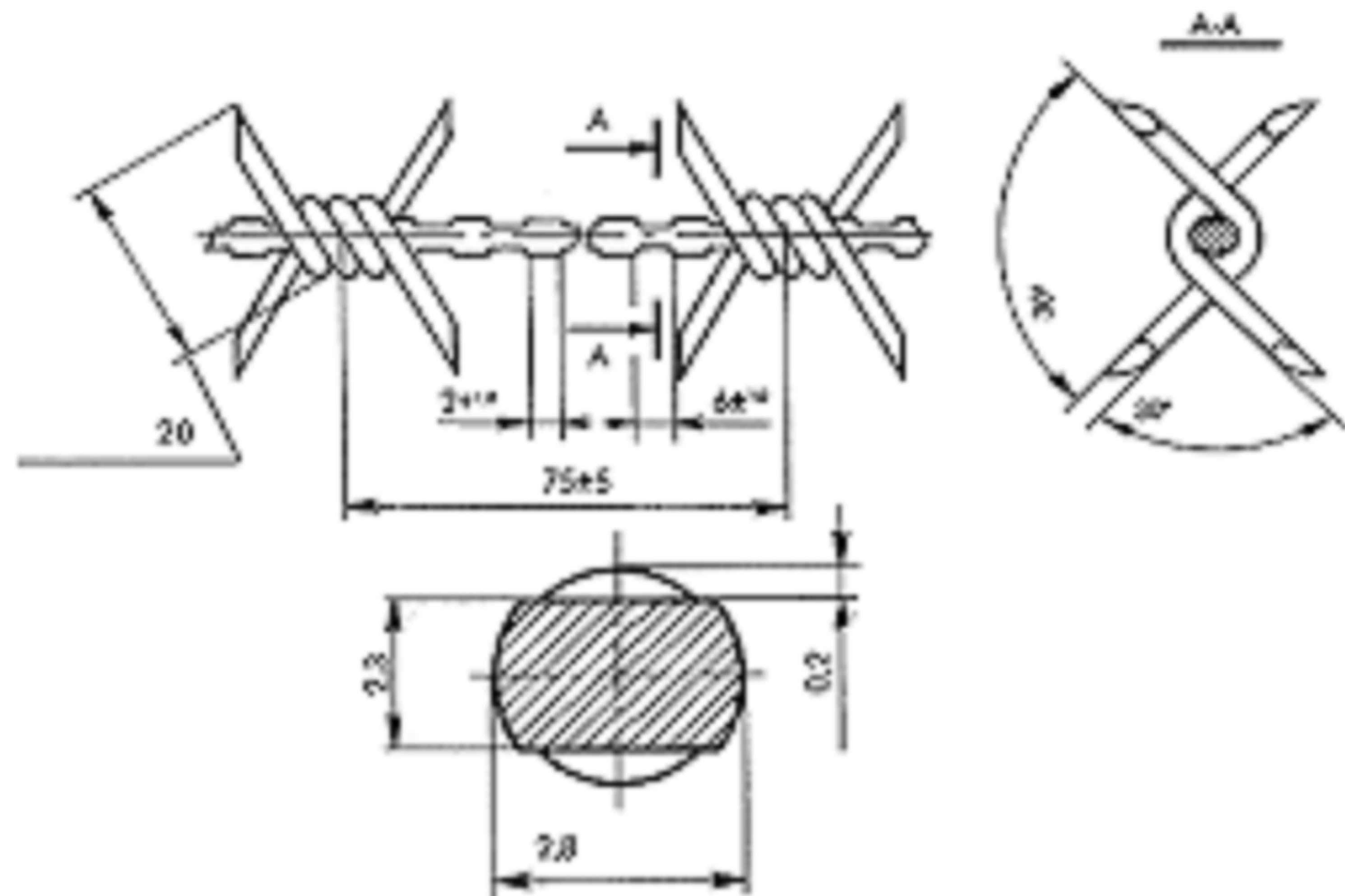
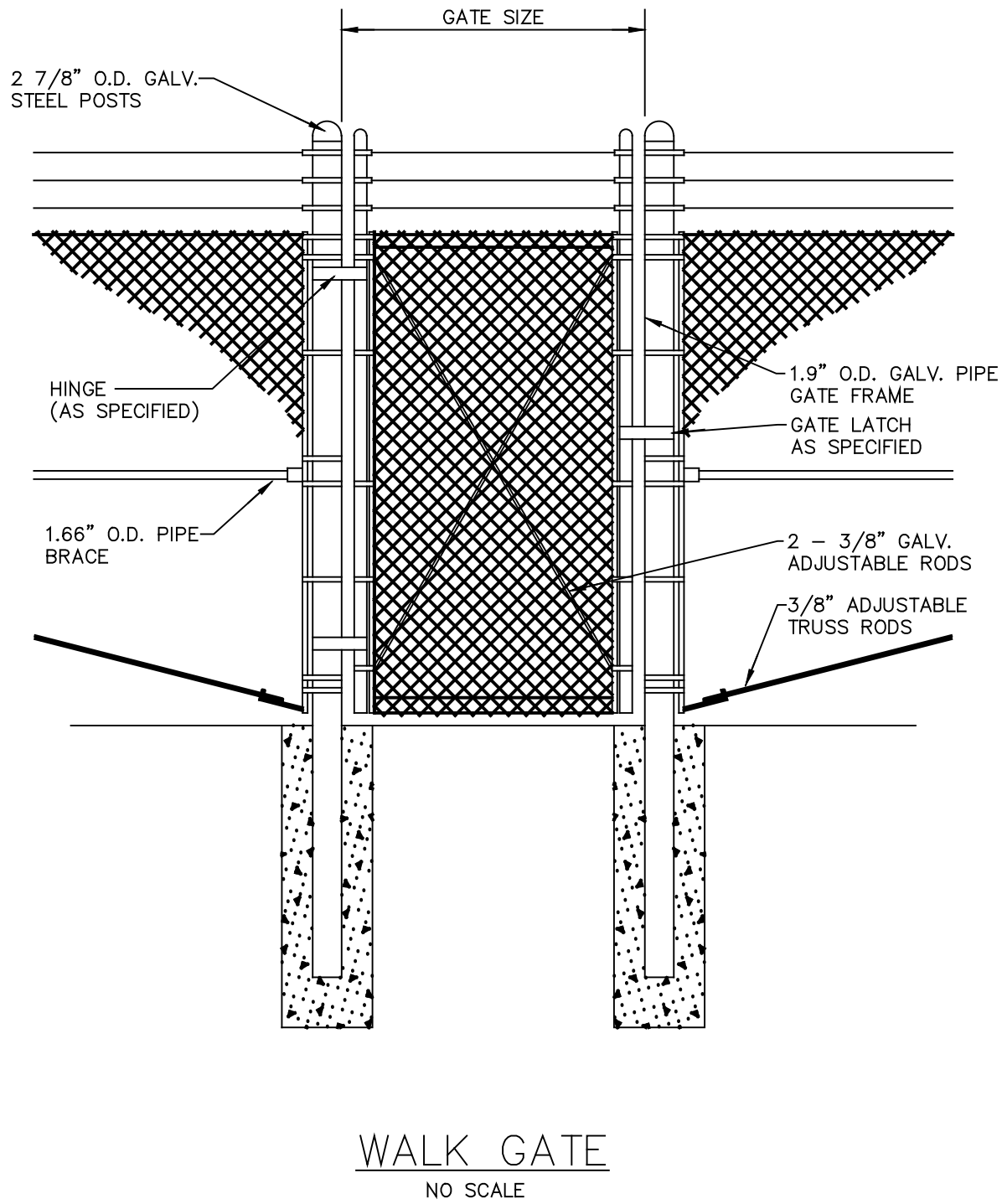
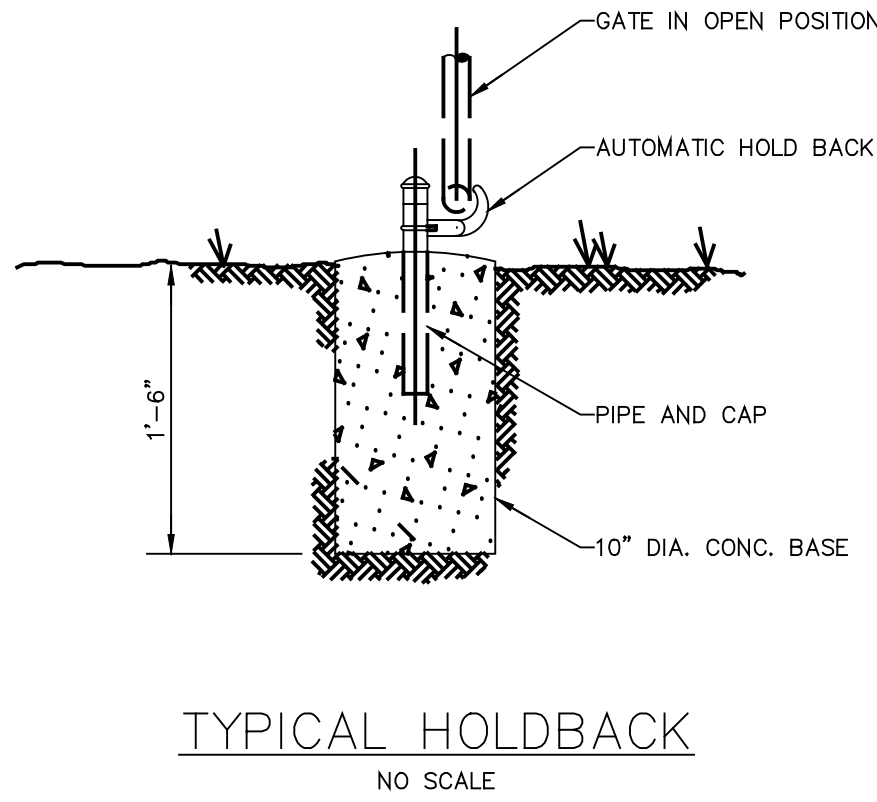
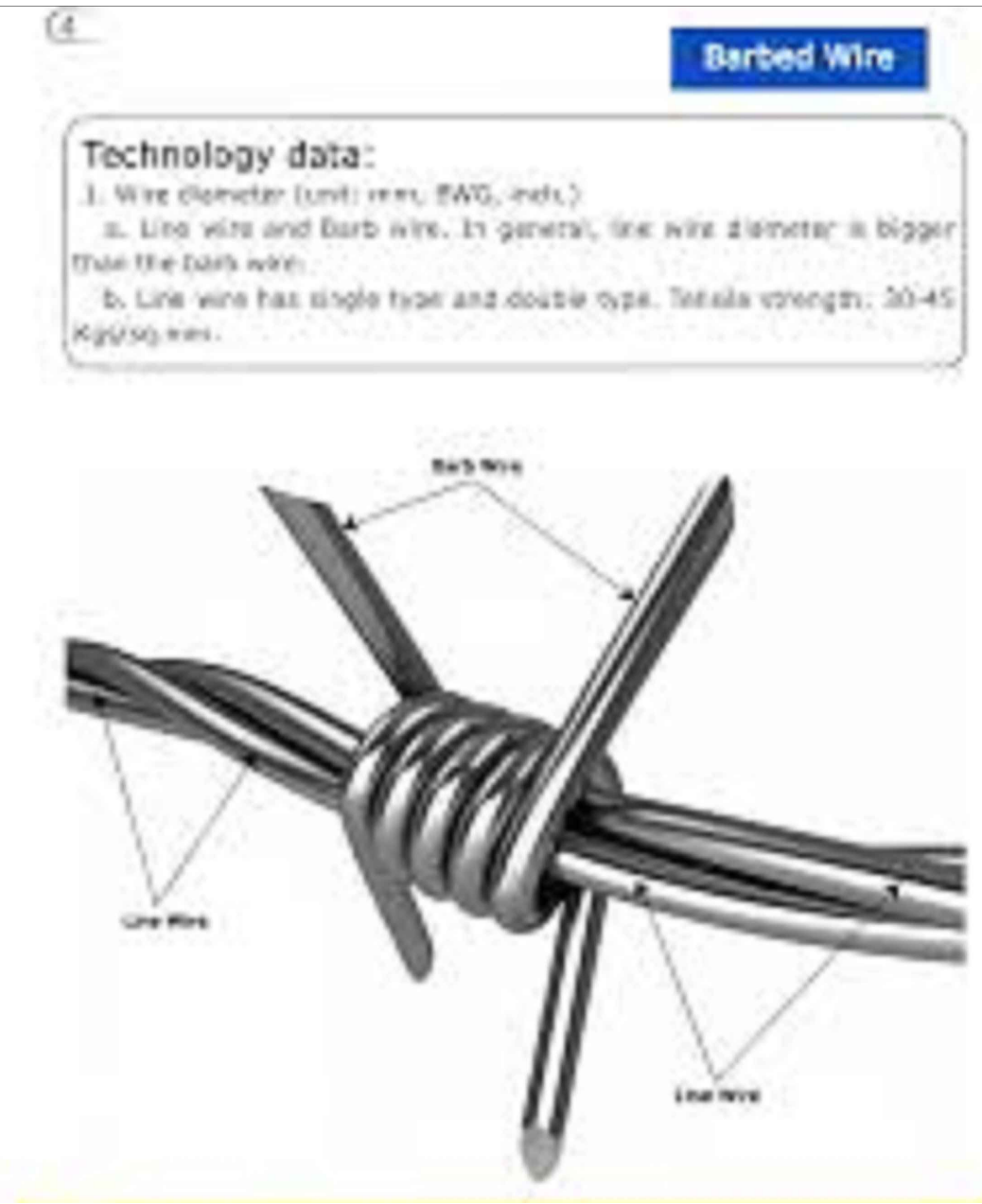
Top Rail - Shall be hot dip galvanized pipe 1-5/8" O.D. or "H" section, weight 2.27 lbs. per lineal foot; provided with couplings approximately every 20 feet. Couplings to be outside sleeve type and at least 7" long; one coupling in every five to have a heavy spring to take up expansion and contraction of top rail. Top rail to pass through base of line post tops and from a continuous brace from end to end of each stretch of fence. Top rail to be securely fastened to terminal post by pressed steel connections.

Braces - Shall be hot dip galvanized and of the same material as the top rail. Braces to be spaced midway between top rail and ground and to extend from terminal post to first adjacent line post. All braces shall be securely fastened to posts by suitable pressed steel connections, then trusses from line post back to terminal post with a 3/8" round rod.

Barbed Wire - Shall consist of three (3) lines of 4-point pattern, each composes of two strands of No. 12-1/2 gauge galvanized wire.

Gate - Furnish and install the gate as shown on the Standard Drawings. Gate shall be full 7 foot height with clear opening dimensions as shown. Gate shall be braced and topped with barbed wire and brackets similar to the fence. Gate frames shall be constructed of 2" O.D. Standard Weight Pipe, 2.72 lbs./ft. with welded, malleable or heavy pressed steel corners. Frames shall have fabric matching the fence and shall have 3/8" diameter adjustable truss rods to prevent sag or twist. Gate posts shall be 3" O.D. Standard Weight Pipe, 5.79 lbs./ft. for gates 5 feet wide, or less, 4 feet in width, and 4" O.D. Standard Weight Pipe, 9.11 lbs./ft. for gates 10 feet to 20 feet in width, and 4" O.D. pipe 10.62 lbs./ft. for gates 20 feet to 28 feet in width. Gate shall be supplied with a lift bar type lock post and a heavy duty padlock keyed to the District master.

The gate shall be furnished with heavy duty galvanized hinges which afford minimum 180° swing. Double gate shall have a center rest and hold-open chains. Latch shall accommodate padlock fastening from either side.



- GENERAL NOTES
- ALL MATERIALS USED IN CONSTRUCTION OF THIS CHAIN LINK FENCE SHALL BE GALVANIZED AFTER FABRICATION.
 - TOPS OF CONCRETE POST BASE ARE TO BE CROWNED & TOOLED SMOOTH.
 - PRESERVE ALL PROPERTY CORNERS AND MONUMENTS. CORNERS AND MONUMENTS DISTURBED BY THE CONTRACTOR WILL BE REPLACED BY THE OWNER AT THE EXPENSE OF THE CONTRACTOR.

GLENN ENGINEERING
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8' CHAIN LINK FENCE DETAILS

2016 COPPELL MIDDLE SCHOOL NORTH
SCHOOL NORTH
FENCING IMPROVEMENTS
COPPELL, TEXAS

COPPELL ISD - BUSINESS OFFICE
5103 WINGLER CIRCLE
COPPELL, TEXAS 75019
ATTN: LOUIS MACIAS

PROJECT ADDRESS:
COPPELL MIDDLE SCHOOL NORTH
120 NATCHES TRACE
COPPELL, TEXAS 75019

Revisions	
1	

Issue Dates	
Review:	11-16-2016
Permit:	
Construction:	

Scale:	AS SHOWN
Drawn By:	RAH
Checked By:	CMG
Project No:	

Sheet

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