

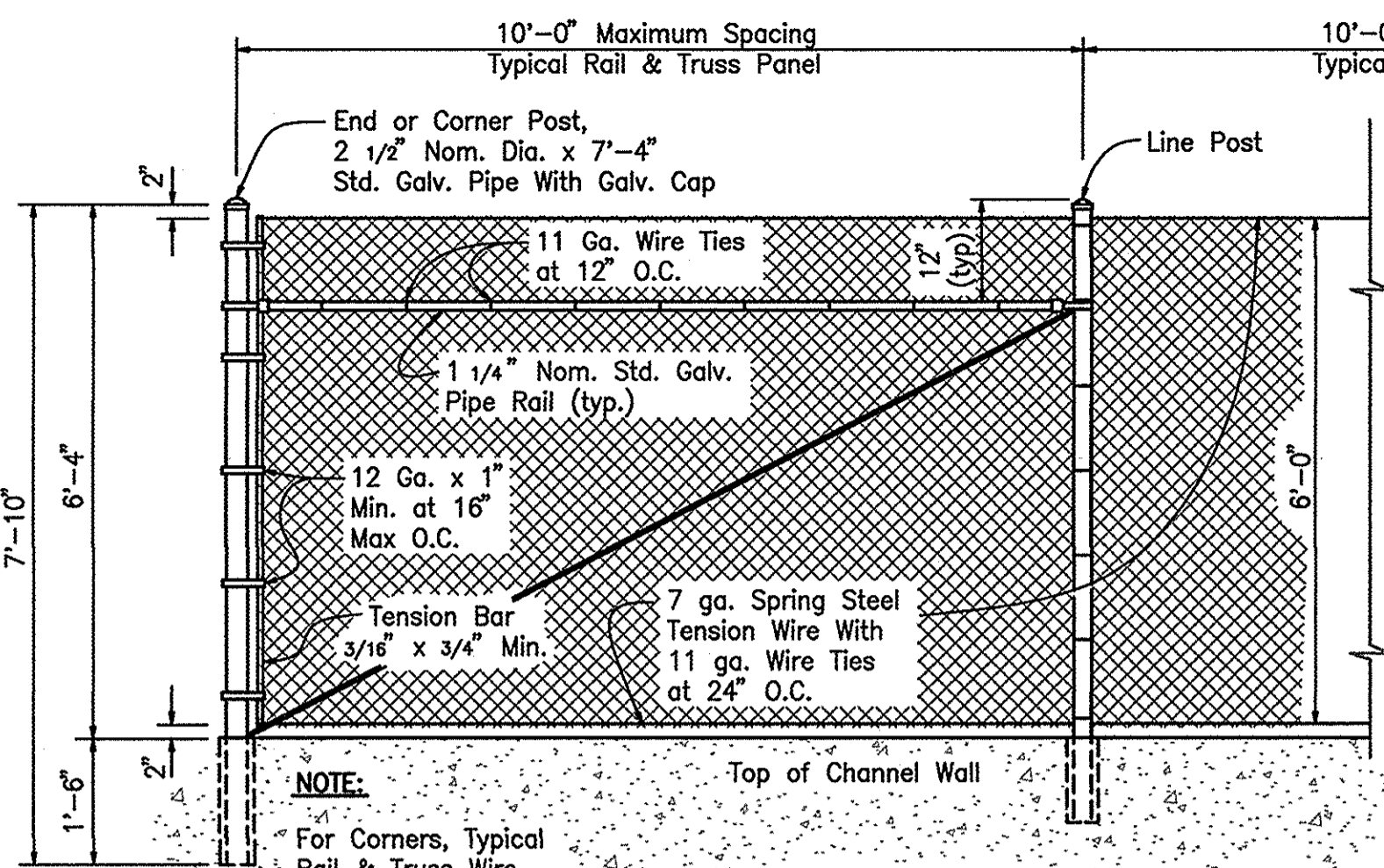
SCALE: 1" = 2'

PIPE MATERIAL LIST

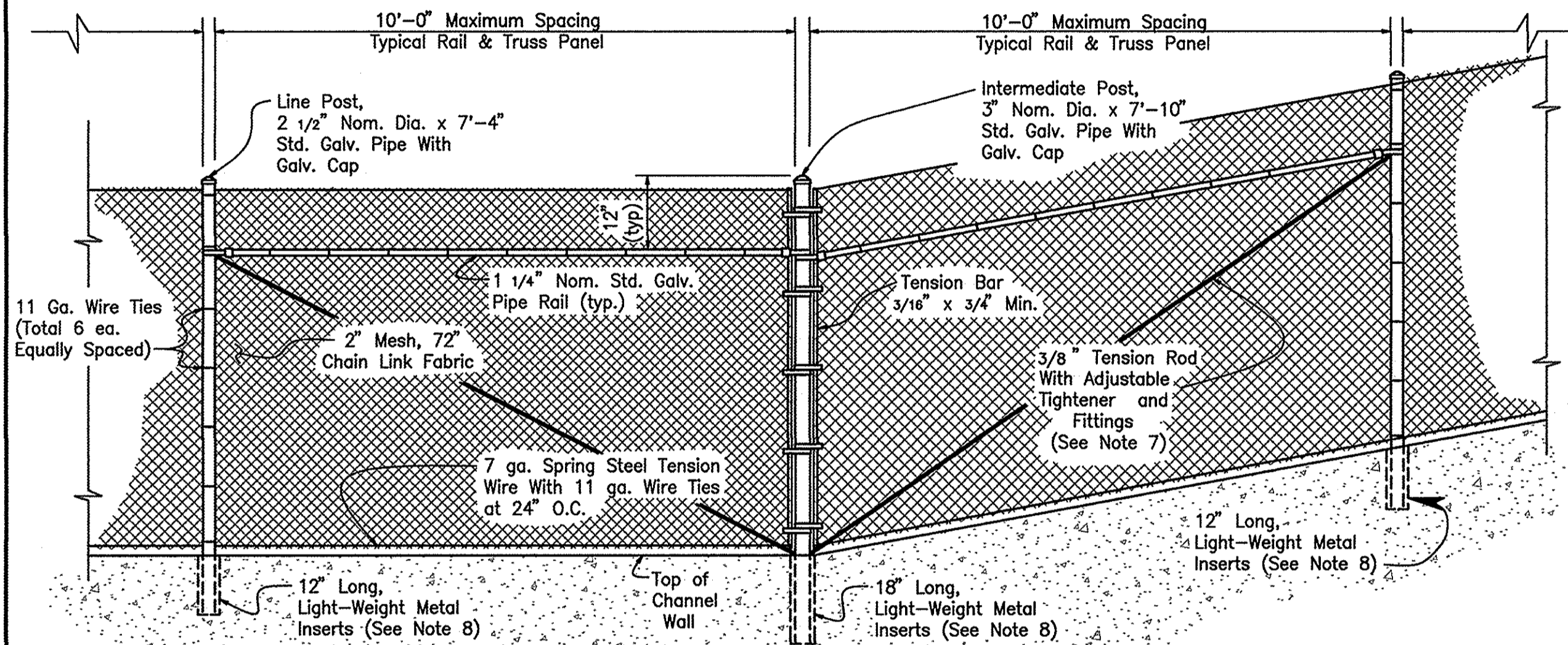
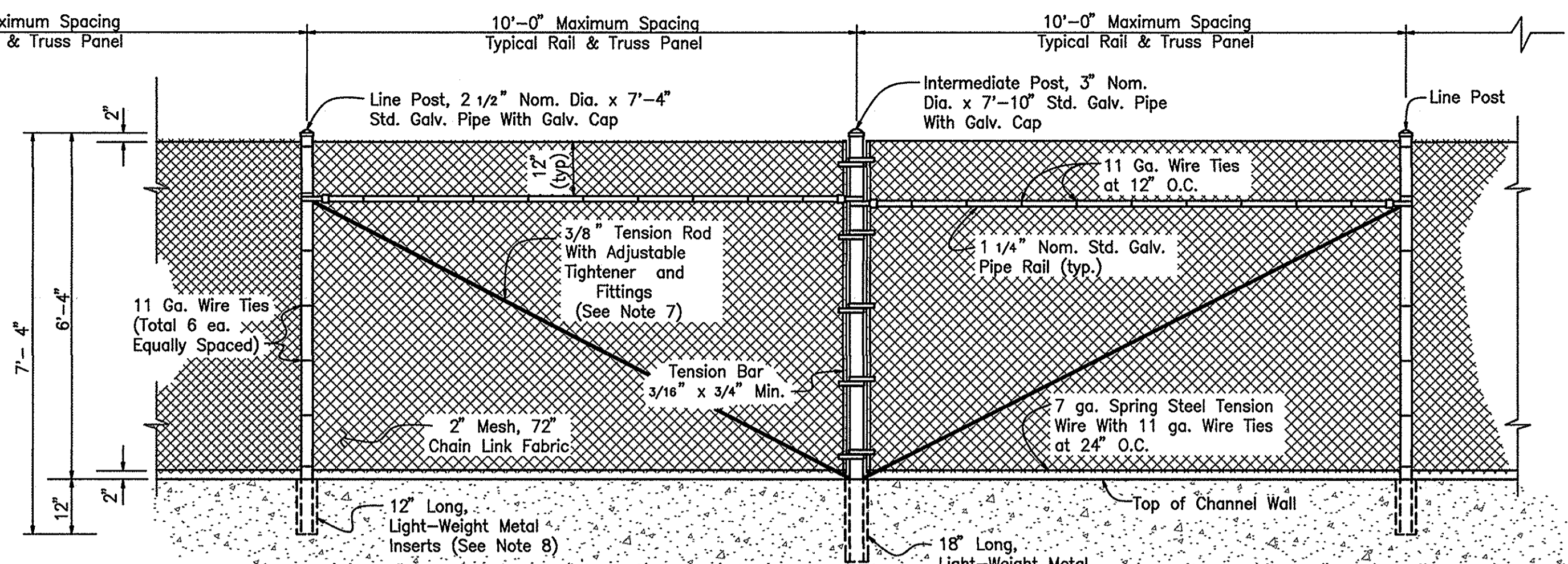
Nominal Diameter (Inches)	Outside Diameter (Inches)	Inside Diameter (Inches)	Weight per Foot Lbs.
1 1/4	1.660	1.380	2.270
1 1/2	1.900	1.610	2.720
2	2.375	2.067	3.650
2 1/2	2.875	2.469	5.790
3	3.500	3.068	7.580
3 1/2	4.000	3.548	9.110
4	4.500	4.026	10.790
6	6.625	6.085	18.970
8	8.625	7.981	28.55

GENERAL NOTES

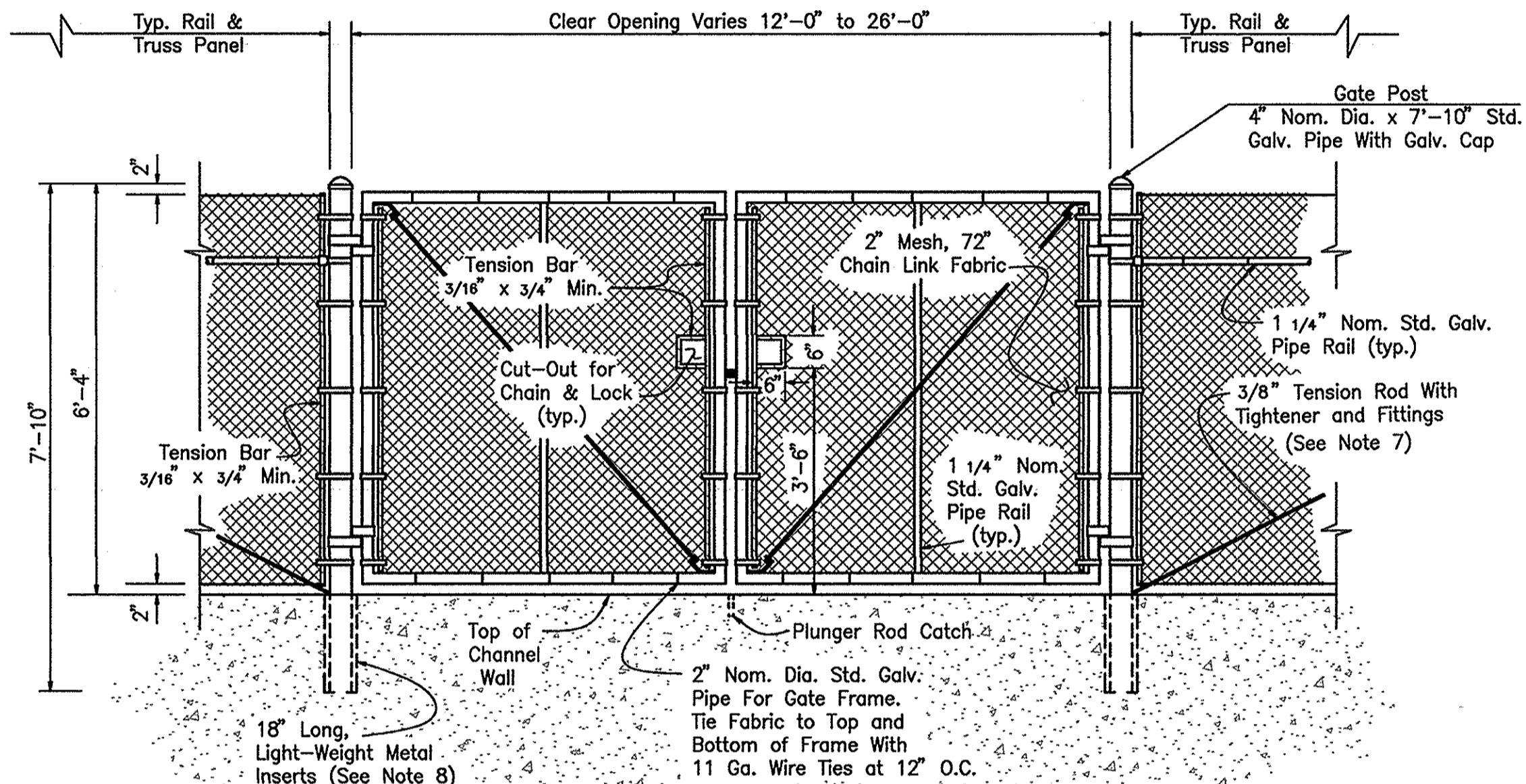
- ALL CHAIN LINK FENCE MATERIALS, FITTINGS AND INSTALLATION SHALL CONFORM TO THE LATEST EDITION OF THE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS, SECTION 80, "FENCES" AND THIS SPECIAL DRAWING.
- THE FENCE FABRIC SHALL BE PLACED ON THE OUTWARD FACING SIDE OF THE POSTS, STRETCHED TAUT, AND SECURELY FASTENED, UNLESS OTHERWISE SHOWN ON THE PLANS.
- THE FENCE FABRIC SHALL BE 9 GAUGE UNLESS OTHERWISE SPECIFIED.
- ALL GATES SHALL OPEN INWARD, EXCEPT IF OTHERWISE NOTED IN THE SPECIAL PROVISIONS.
- ALL GATE HINGES SHALL BE HEAVY DUTY MALLEABLE IRON OR STEEL, INDUSTRIAL SERVICE TYPE 270 DEGREE SWING, NON-REMOVEABLE OF APPROVED QUALITY AND DESIGN, AND SHALL BE FASTENED FROM THE INSIDE.
- SECURE GALVANIZED CAP TO POST WITH 1/4" GALVANIZED ROUND HEAD RIVET, OR TACK WELD.
- ADJUSTABLE TIGHTENER SHALL BE TURNBUCKLE OR EQUIVALENT, HAVING A 6" MINIMUM TAKEUP.
- LIGHT-WEIGHT METAL INSERTS SHALL BE SHEET METAL TUBES WITH I.D. 3/4" GREATER THAN O.D. OF PIPE USED. POSTS ARE TO BE GROUTED INTO INSERTS USING NEAR GROUT OF 1 PART OF CEMENT AND 2 PARTS OF WATER.
- ALL BOLTED HARDWARE ITEMS SHALL ALSO BE TACK WELDED IN SUCH A WAY MANNER AS TO PREVENT REMOVAL BY UNAUTHORIZED INDIVIDUALS.
- ALL FENCE FABRIC SHALL HAVE A 12" WIDE HORIZONTALLY PAINTED STRIPE ALONG THE CENTER OF THE FABRIC. THE PAINT SHALL BE A REFLECTIVE TYPE ORANGE OR APPROVED EQUAL. AFTER FENCE FABRIC HAS BEEN PAINTED, A SAMPLE OF SAID PAINT SHALL BE GIVEN TO THE SAN BERNARDINO COUNTY FLOOD CONTROL DISTRICT, OPERATIONS DIVISION, ALONG WITH MANUFACTURER'S NAME AND PAINT SPECIFICATIONS.
- FOR WALL THICKNESSES 12" OR GREATER, USE POST SIZES AS SHOWN. FOR WALL THICKNESS LESS THAN 12", USE POST SIZES AS FOLLOWS:  
 END, CORNER, INTERMEDIATE, HEADWALL, PARAPET & WALK GATE POSTS - 2 1/2" NOM. DIA.  
 LINE POSTS - 2" NOM. DIA.  
 DOUBLE DRIVE GATE POSTS - 3" NOM. DIA.



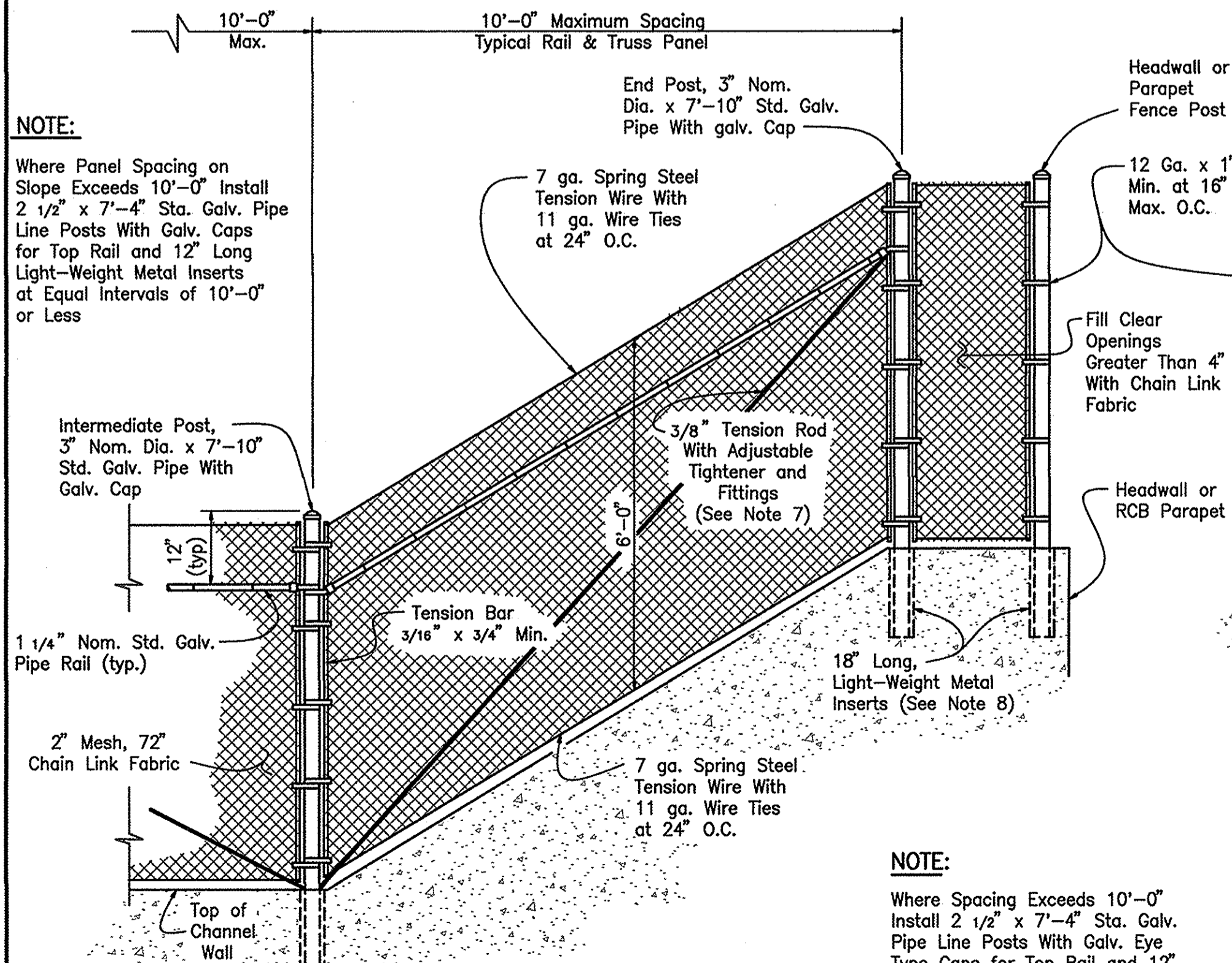
Typical Fence Elevation



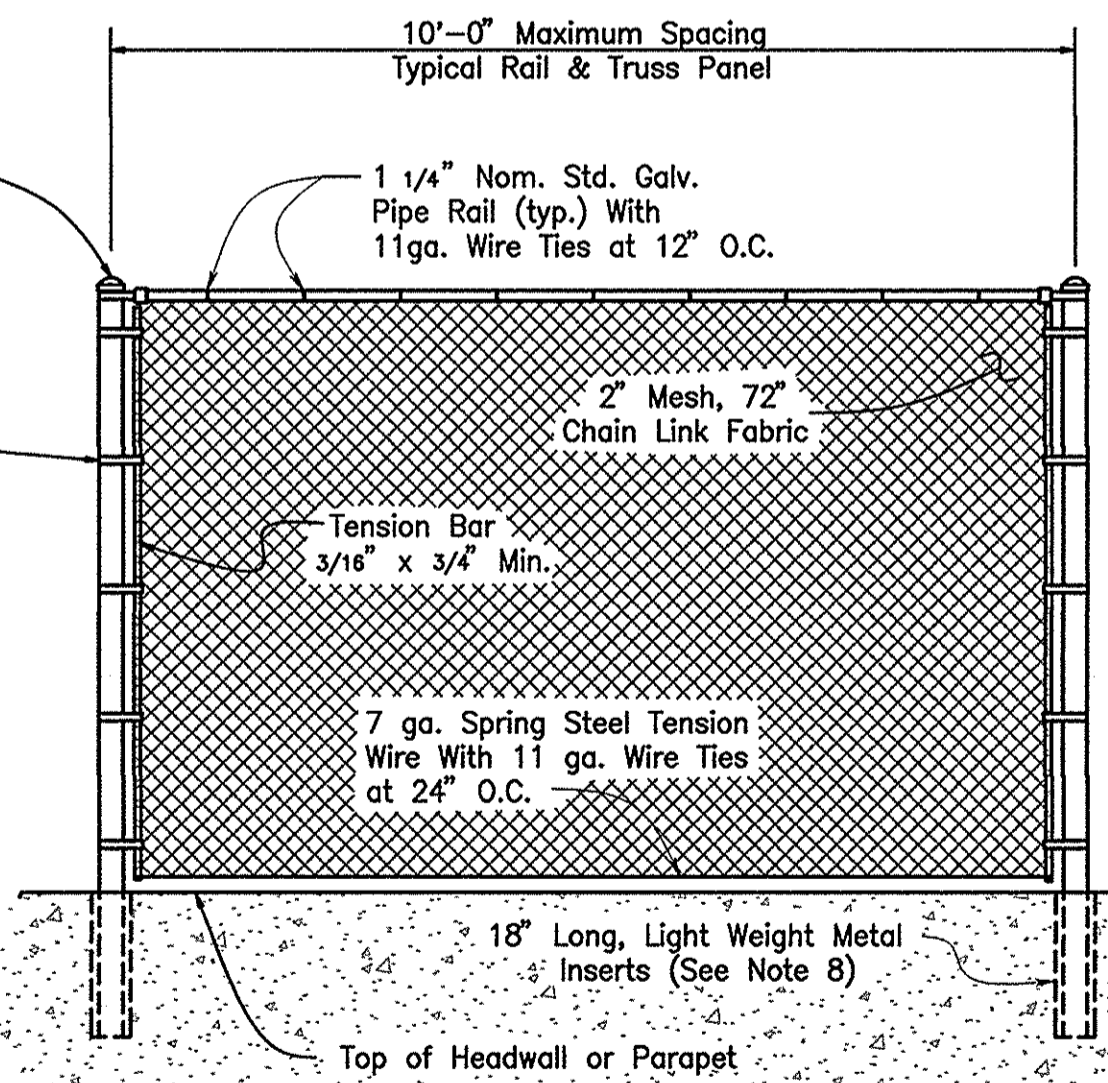
Typical Fence Elevation on Slope



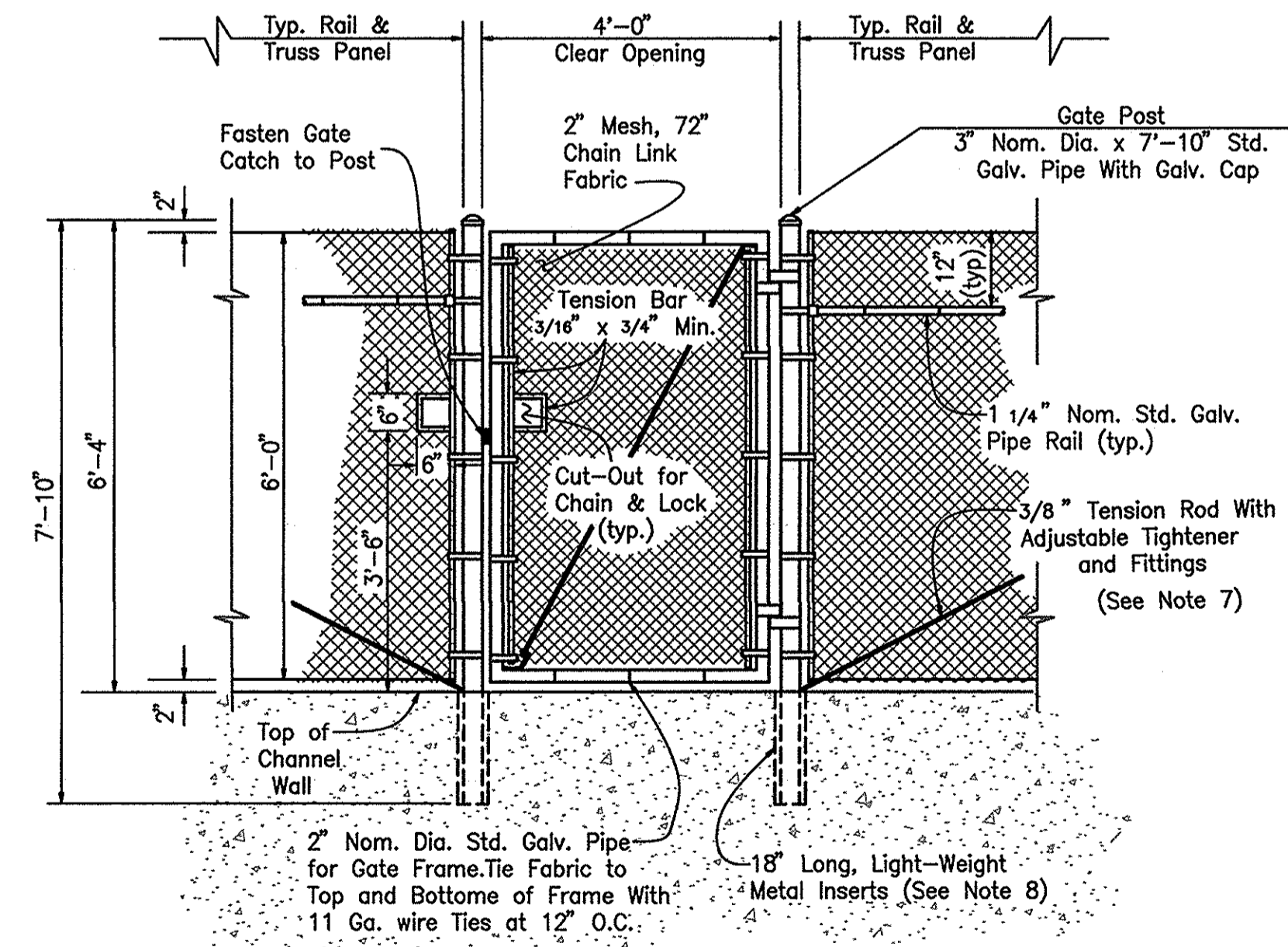
Typical Double Drive Gate



Typical Fence Elevation at Headwall (Includes RCB Parapets)



Typical Head Wall Fence Elevation (Includes RCB Parapets)



Typical Walk Gate

NOTE:  
Where Spacing Exceeds 10'-0" Install 2 1/2" x 7'-4" Sta. Galv. Pipe Line Posts With Galv. Eye Type Caps for Top Rail and 12" Long Light Weight Metal Inserts at Equal Intervals of 10'-0" or Less

REVISIONS			
MARK	DATE	DESCRIPTION	BY:

**SAN BERNARDINO COUNTY  
FLOOD CONTROL DISTRICT**

DRAWN BY D/JN	DESIGNED BY MM/D/JN	PROJ. ENGR. MM	MAINTENANCE/CONSTRUCTION REVIEW BY	RECOMMENDED/APPROVED BY
SUBMITTED BY			NAME YARD SUPERVISOR	DATE
MERYAT MIKHAIL, P.E. ENGINEERING DIVISION			NAME RESIDENT ENGINEER	DATE
			KEVIN BLAKESLIRE, P.E. DEPUTY DIRECTOR, FLOOD CONTROL	DATE
			GRANTVILLE M. BOWMAN, P.E. DIRECTOR OF PUBLIC WORKS	DATE

FONTANA-RIALTO DRAINAGE SYSTEM  
**CACTUS BASINS NO. 3**  
SPEC. DRWG. II  
6" CHAIN LINK FENCE  
(TYPE CL-6 = 72" FABRIC)

DATE Dec 2010	SCALE AS SHOWN	FILE NO. 4-451-	SHEET NO. FCD-2
------------------	-------------------	--------------------	--------------------

