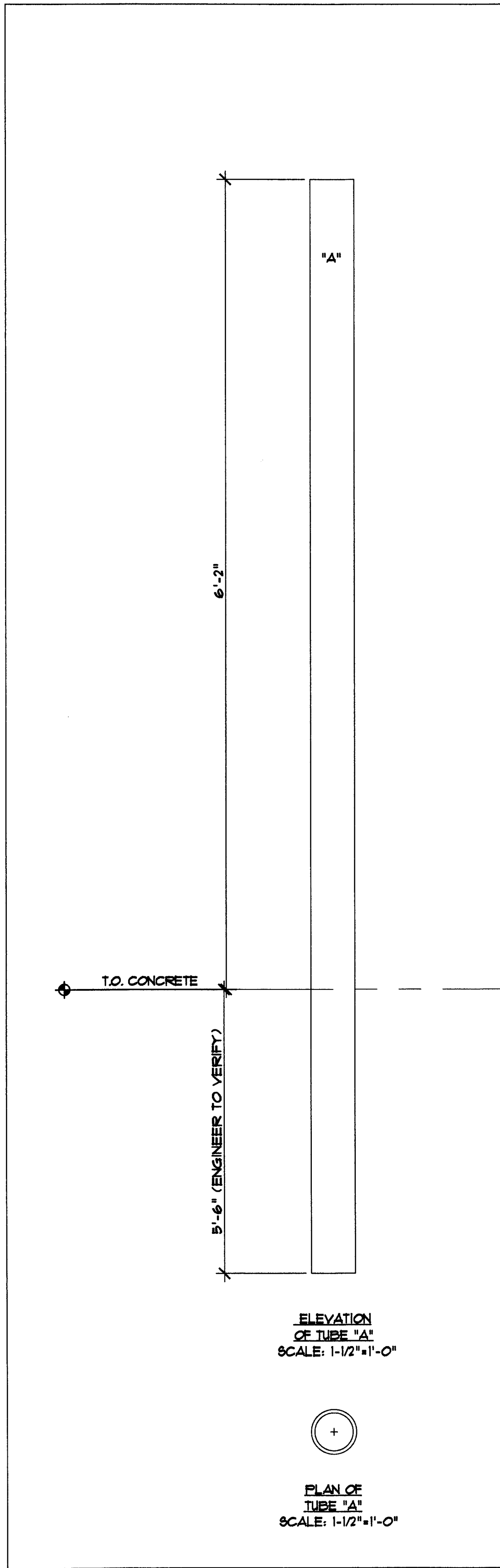


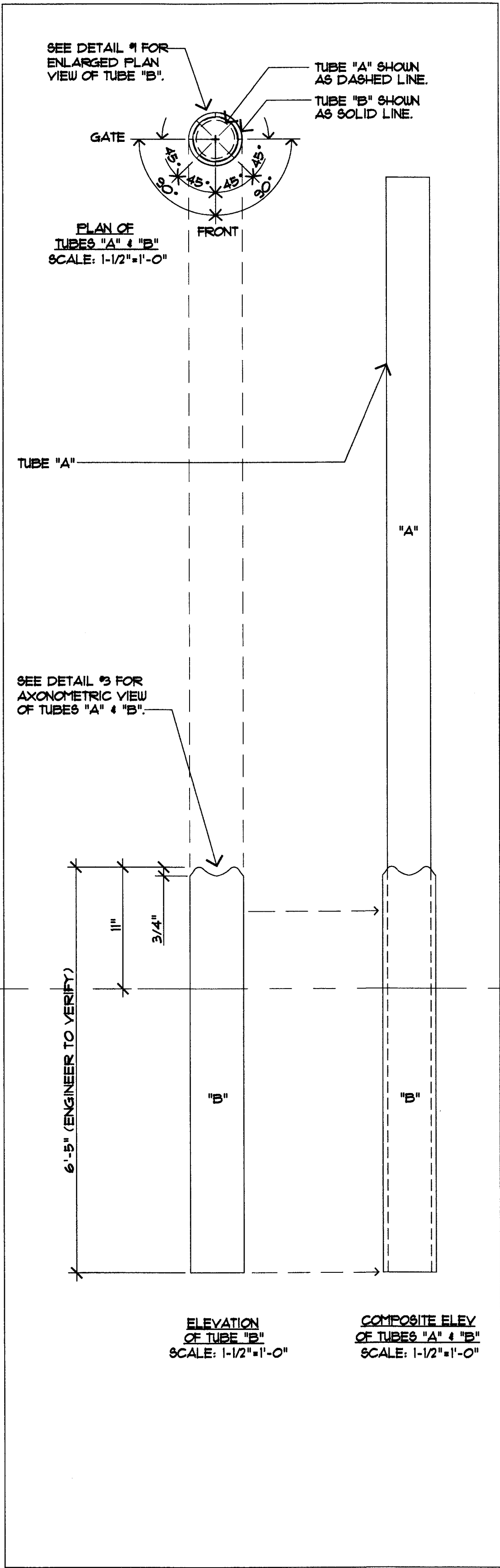


STEP 1: FABRICATE TUBE "A" AT LENGTH SHOWN. SEE PLAN & ELEV. FOR TUBE DIAMETER. TO BE VERIFIED BY THE STRUCTURAL ENGINEER. TUBE SIZING SHALL BE SUPPORTED BY STRUCTURAL CALCULATIONS.

NOTES:
• ALL WELD DESCRIPTIONS, SIZES, TYPES REQUIRED TO WELD TUBES WHERE WELDS ARE INDICATED BY NOTE SHALL BE DETERMINED BY STRUCTURAL ENGINEER.

NOTES:
• ALL WELDS SHALL BE GRIND SMOOTH & GALVANIZED PAINT SHALL BE APPLIED AFTER WELDING IS COMPLETE AT ALL WELDED AREAS.

NOTES:
• ALL PIPES SHOWN ON THIS PAGE SHALL BE CARBON MECHANICAL TUBING AS PER'D BY "MARMONKEYSTONE", PHONE# (724)-283-3000 OR APPROVED EQUAL.

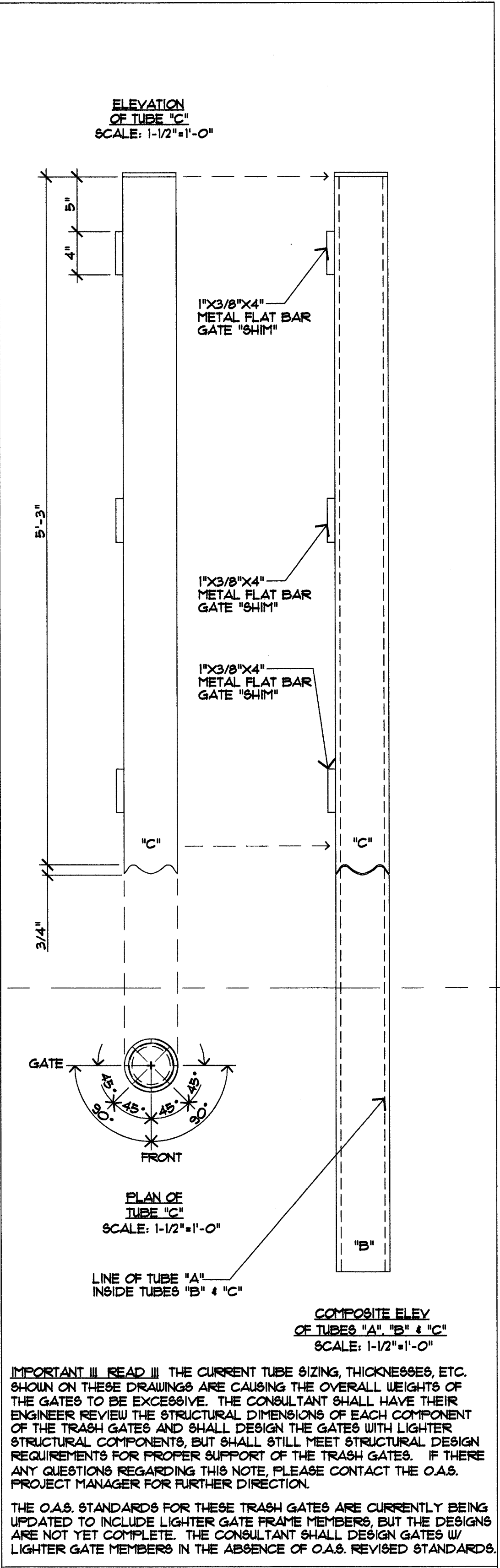


STEP 2: CUT THE CURVED PROFILE OF THE TOP OF TUBE "B". SEE DTL'S 1 & 3 FOR THE PLAN VIEW AND AXONOMETRIC VIEW OF TUBE "B". TUBES "B" & "C" WILL BE JOINED TOGETHER AS ONE ROTATING TUBE HINGE. TUBE "B" WILL BE THE STATIONARY BOTTOM HALF OF TUBE HINGE DESIGN.

NEXT, FABRICATE TUBE "B" AT LENGTH SHOWN ABOVE AND INSERT TUBE "A" INTO TUBE "B". WELD TUBE "A" TO TUBE "B" AS PER ENGINEER'S RECOMMENDATIONS. (PRIOR TO INSTALLING TUBE "C" OVER TUBE "A") LEAVE 1/16" GAP BETWEEN OUTSIDE WALL OF TUBE "A" AND INSIDE WALL OF TUBE "B" (GAP SHALL BE CONTINUOUS ALL AROUND TUBE).

NEXT, CUT CURVED PROFILE FOR BOTTOM OF TUBE "C", AS PER DTL'S 2 & 4. THE CURVED PROFILES OF "B" & "C" SHALL MATCH UP WHEN TOGETHER.

IMPORTANT NOTE:
• DO NOT WELD ALONG THE EXPOSED EDGE OF THE CURVED HINGE PROFILE AT TOP OF TUBE "B". CURVED BOTTOM OF TUBE "C" MUST SLIDE OVER CURVED TOP OF TUBE "B" AS TUBE HINGE ROTATES AROUND TUBE "A".

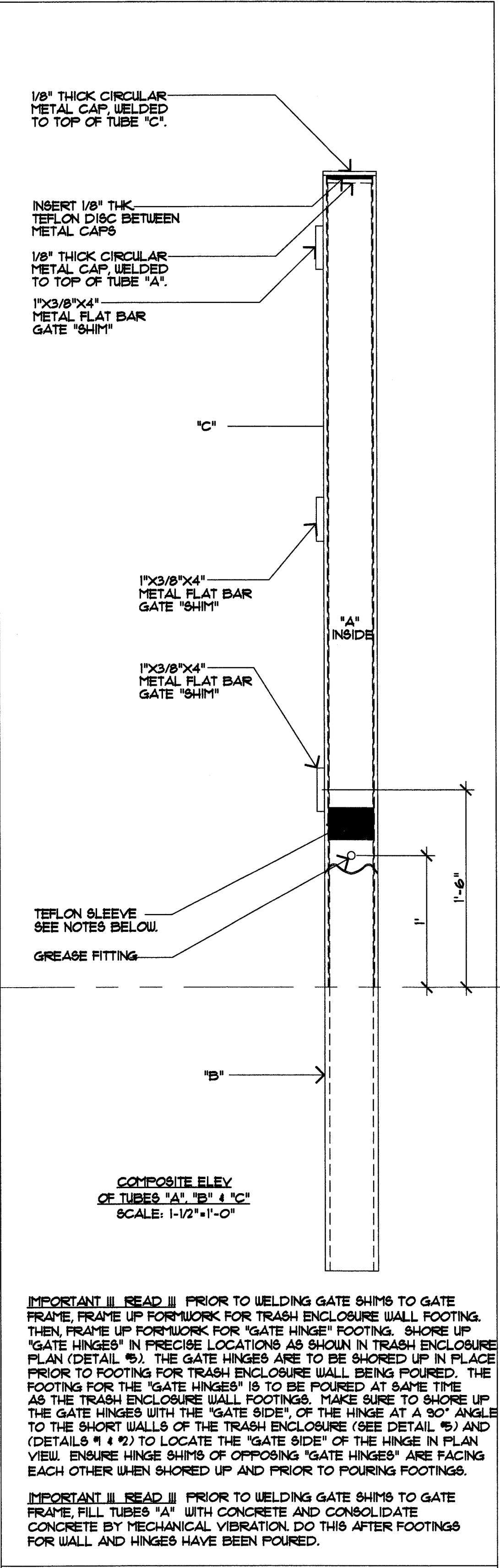


STEP 3: CUT TUBE "C" AT LENGTH SHOWN. SEE PLAN & ELEV. FOR TUBE DIAMETER, WHICH WILL BE VERIFIED BY STRUCTURAL ENGINEER W/ CALCULATIONS.

NEXT, DRILL THREADED HOLE FOR "GREASE FITTING" AS SHOWN IN DETAILS #2 & #4 AND INSERT THREADED GREASE FITTING. TUBE "C" IS THE ROTATING "UPPER HALF" OF THE HINGE DESIGN.

NEXT, WELD THE METAL FLAT BAR GATE "SHIM" TO TUBE "C" & ABOVE AT LOCATION SHOWN IN TUBE "C" AXONOMETRIC (DETAIL #4).

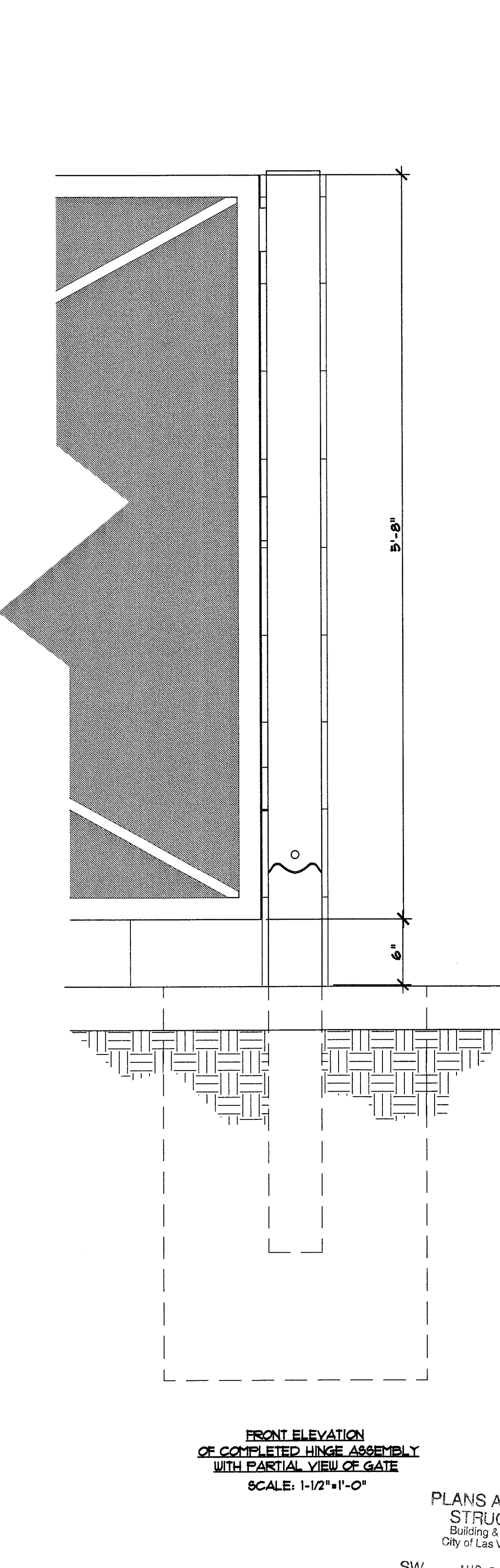
TUBE "B" AND "C" SHALL HAVE IDENTICAL INNER & OUTER DIAMETERS. NEXT, SLIDE TUBE "C" OVER TUBE "B". ALIGN SLOPED SECTION OF TUBE "C" WITH MATCH UP THE CURVED PROFILE OF TUBE "B" AS SHOWN IN THE ABOVE DRAWING. TUBE "C" WILL ROTATE AROUND TUBE "A". ALLOW CONT'S 1/16" GAP BTWN TUBE "C" & "A".



STEP 4: FABRICATE 1/8" THK. CIRCULAR METAL CAP FOR TUBE "C" AND WELD CAP TO TOP OF TUBE "C" AS SHOWN ON ELEV'S ABOVE.

NEXT, INSTALL VIRGIN PTFE (TEFLON) SLEEVE 3" LONG, WITH 1/16" WALL THICKNESS. SLEEVE TO BE FACTORY CHEMICALLY ETCHED ON OUTSIDE DIAMETER FACE ONLY. OUTSIDE DIAMETER OF SLEEVE TO MATCH INSIDE DIAMETER OF TUBE "C" EXACTLY.

NEXT, INSERT TEFLON SLEEVE AT LOCATION SHOWN ON ELEVATION ABOVE AND ADHERE SLEEVE TO INSIDE FACE OF TUBE "C", USING EPOXY ADHESIVE. INTERIOR DIAMETER FACE OF TEFLON TO BE LEFT UNALTERED TO PROVIDE A SELF LUBRICATING SURFACE AT THE POINT OF FRICTION BETWEEN TUBES "C" & "A".



IMPORTANT!!! READ !!! THE STRUCTURAL ENGINEER IS RESPONSIBLE FOR FOOTING DESIGN AND STEEL REINFORCEMENT.

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"GATE HINGE" COMPLETE ASSEMBLY
Scale: 1-1/2"=1'-0"

REVISIONS

NO.	DESCRIPTION	DATE
1	ISSUED FOR PERMIT	06/01/07

CONSULTANT

R.P.A. LANDSCAPE ARCHITECTURE PLANNING

NEVADA
10120 South Eastern Ave., Suite 200
Henderson, NV 89052
CA License # 1381, 2041
NV License # 119

CALIFORNIA
27127 Calle Arroyo, Suite 1905
San Juan Capistrano, CA 92675
CA License # 1381, 2041
NV License # 119

**JAYCEE PARK RENOVATION
SOUTH EAST CORNER OF EASTERN AVE.
AND EAST SAINT LOUIS AVE.**

LANDSCAPE CONSTRUCTION DETAILS

STAMP

REGISTERED LANDSCAPE ARCHITECT
MICHAEL D. DUNN
No. 6444
Expires 6-30-07
5-31-07

**OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES**

**400 EAST STEWART AVENUE
LAS VEGAS, NEVADA 89101
PHONE: (702) 229-5535
FAX: (702) 384-8846
TDD: (702) 386-9108**

**PLANS APPROVED
STRUCTURAL**
Building & Safety Dept.
City of Las Vegas, Nevada

SW AUG 27 2007

**Does Not Include Architectural, Electrical,
Plumbing/Mechanical or Off-Site
Improvements Make No Change
Without Approval Plan is
Not a Permit to Violate Any Ordinance**

DRAWN: CAC

FILE

DATE: June 2007

SCALE: 1" = 20'

BID NO: 07.15314.02

CLV DWG NO: 6506-24

SHT NO: L-4.09