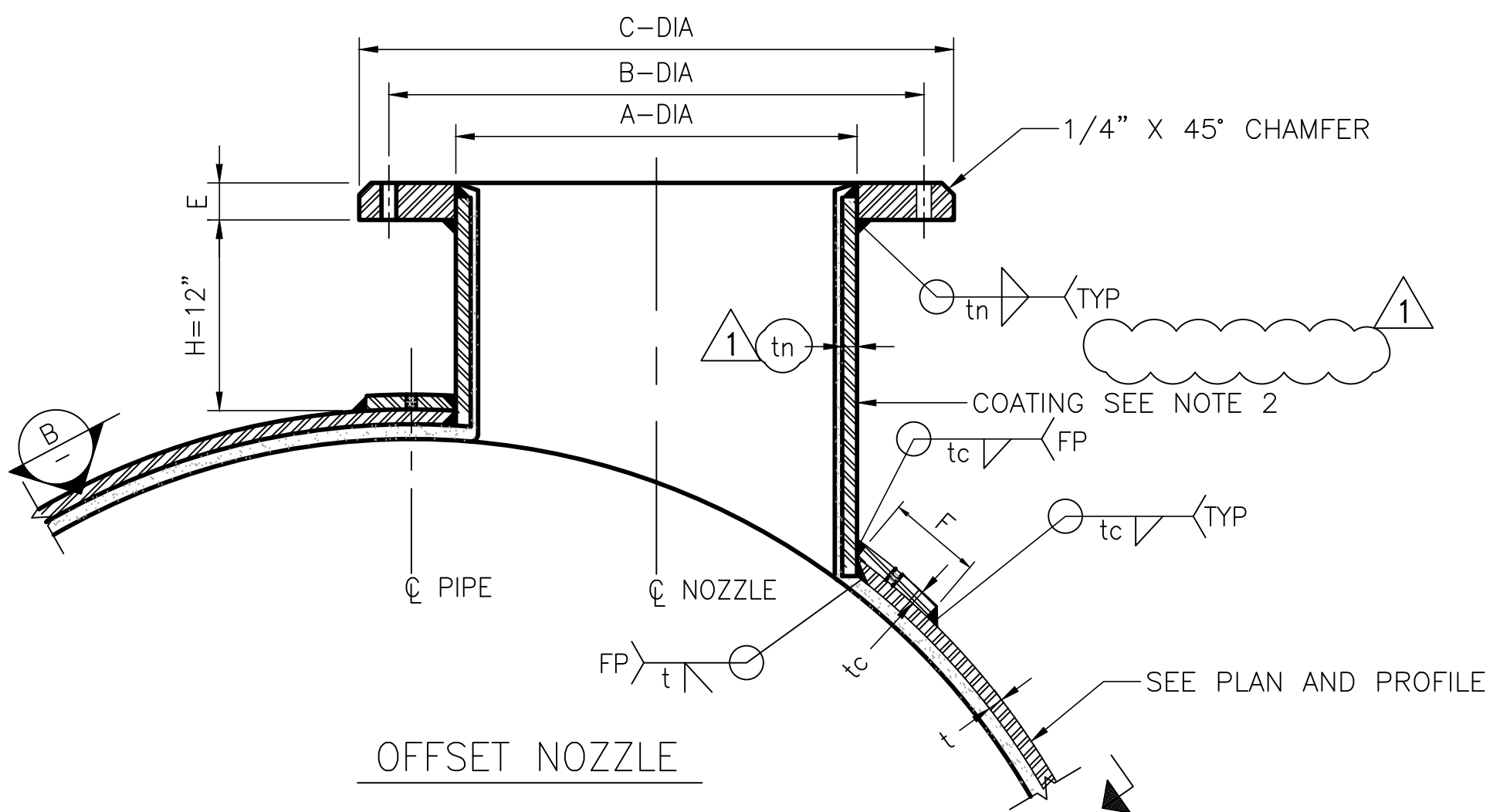
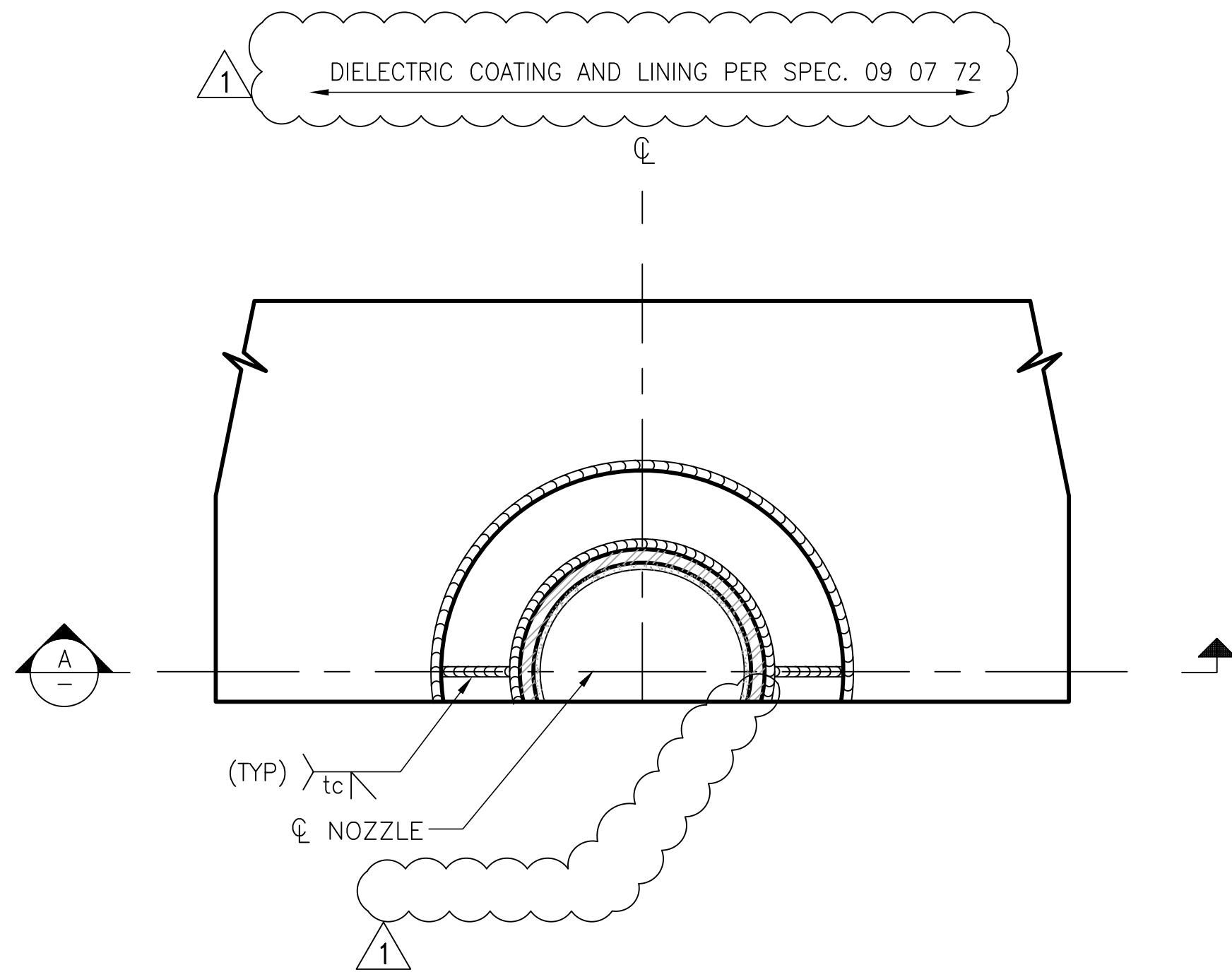


RADIAL NOZZLE
(SIMILAR TO OFFSET NOZZLE)



OFFSET NOZZLE



SECTION B
N.T.S.

NOZZLES ON STEEL PIPE
SECTION A

NOTES:

- ALL FLEXPOSED METAL SURFACES, EXCEPT FLANGE FACE SHALL BE COATED WITH DIELECTRIC COATING PER SPECIFICATION SECTION 09 97 72. FLANGE FACE SHALL BE COATED WITH SHOP PRIMER.

NOZZLE DIMENSIONS (INCHES)

NOZZLE	A	B	F	C	tc	tn	BOLT HOLE DIA	BOLT DIA	No. BOLT	E (PER ANSI B16.5 CLASS 300)
6	6.75	10.62	3.25	12.50	7/16	0.365	7/8	3/4	12	1.38
8	8.75	13.00	4.25	15.00	1/2	0.365	1	7/8	12	1.56
24	24.25	32.00	12.00	36.00	3/4	0.375	1 5/8	1 1/2	24	2.69

NOZZLE DIMENSIONS (INCHES) FOR 36" SHOWN ON WD-2775-2C

NOZZLE	A	B	F	C	tc	tn	BOLT HOLE DIA	BOLT DIA	No. BOLT	E PER AWWA CLASS "E"
8	8.72	11.75	4.25	13.5	1/2	0.365	0.875	0.750	8	1.50
16	16.19	21.25	10.00	23.50	5/8	0.375	1.125	1.000	16	2.00

PLOT: EXTEND
SCALE: 1:1
BORDER:
22,34
COLOR: No.
RED 0.70MM
YELLOW 0.20MM
GREEN 0.25MM
CYAN 0.40MM
BLUE 0.50MM
MAGENTA 0.20MM
WHITE 0.35MM
GRAY 0.15MM
9 0.15MM
10 1.00MM
100 0.70MM
210 0.60MM

PLAN APPROVAL DATE	CONTRACT No.	PROJECT ID	DISTRICT	COUNTY	ROUTE	POST MILES TOTAL PROJECT
	04-0G3501	0400000325	04	SF	1	R0.94/4.05

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REFERENCES
GATE BOOK PAGES, PLANS,
SURVEY NOTES, ETC., USED

CCSF 2013
NAVD88



NO.	DATE	DESCRIPTION	BY	APPR'D
1	03/10/21	PCO #3 - REVISE NOZZLE DIMENSIONS	IC	JA

WATER CONTRACT NO. WD-2775 CONTRACT NO. 2652J			
CITY AND COUNTY OF SAN FRANCISCO PUBLIC UTILITIES COMMISSION INFRASTRUCTURE DIVISION ENGINEERING MANAGEMENT BUREAU			
INSTALLATION OF 16-INCH AND 36-INCH, AND RELOCATION OF 8-INCH DUCTILE IRON WATER MAINS AT VARIOUS LOCATIONS ON 19TH AVENUE FROM HOLLOWAY AVENUE TO LINCOLN WAY			
STEEL NOZZLE LAYOUT DETAILS			
CHECKED / APPROVED	BY / EC	DRAWN	AS SHOWN
SECTION MANAGER	T. LEE	DESIGNED	OCT 2018
APPROVED	APPROVED		
MANAGER, ENGINEERING MANAGEMENT BUREAU		MANAGER, CITY DISTRIBUTION DIVISION	
SHEET	PLAN NO.	DRAWING NO.	REVISION NO.
. OF .	WD-2775-6	E-31374	