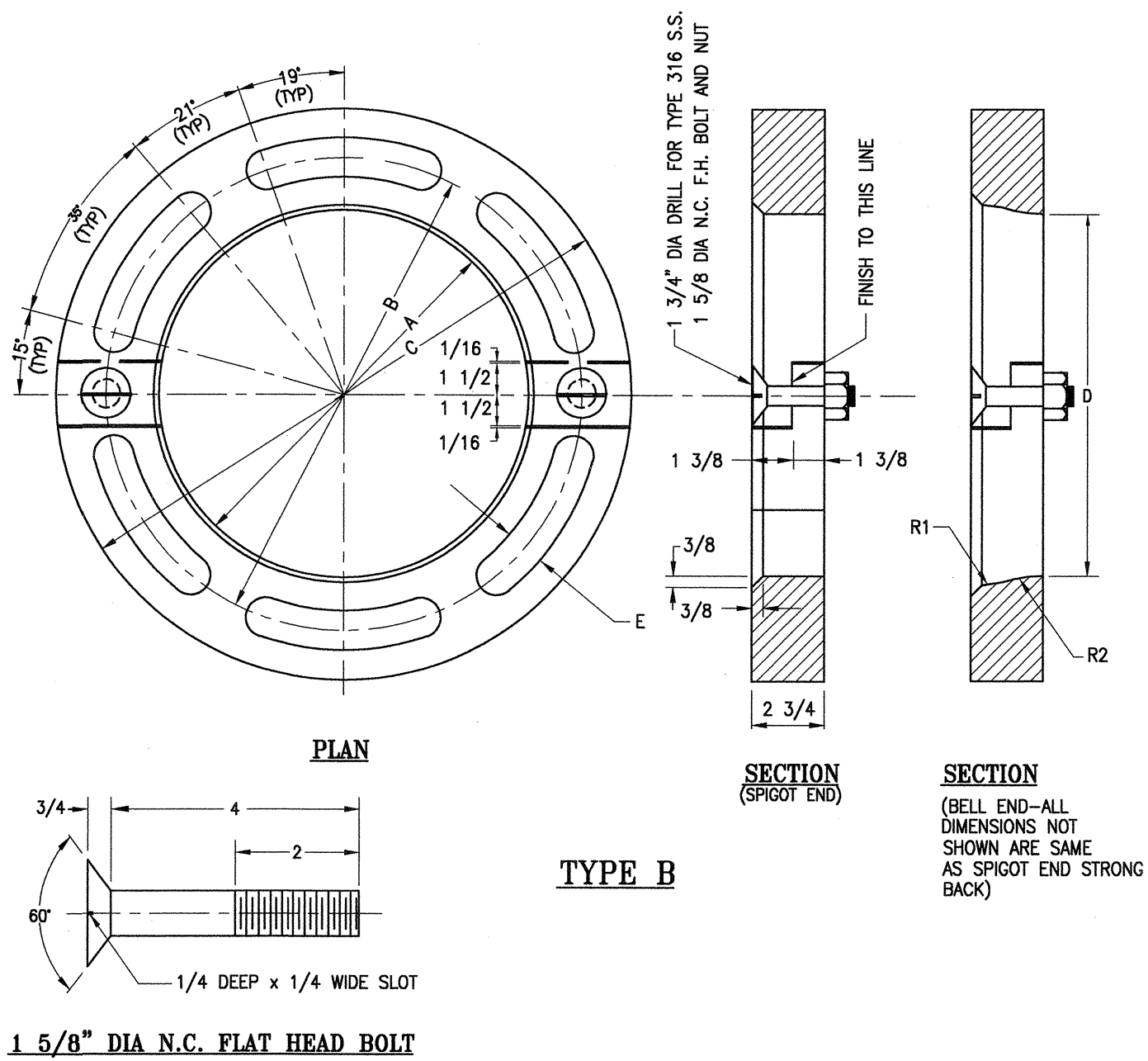
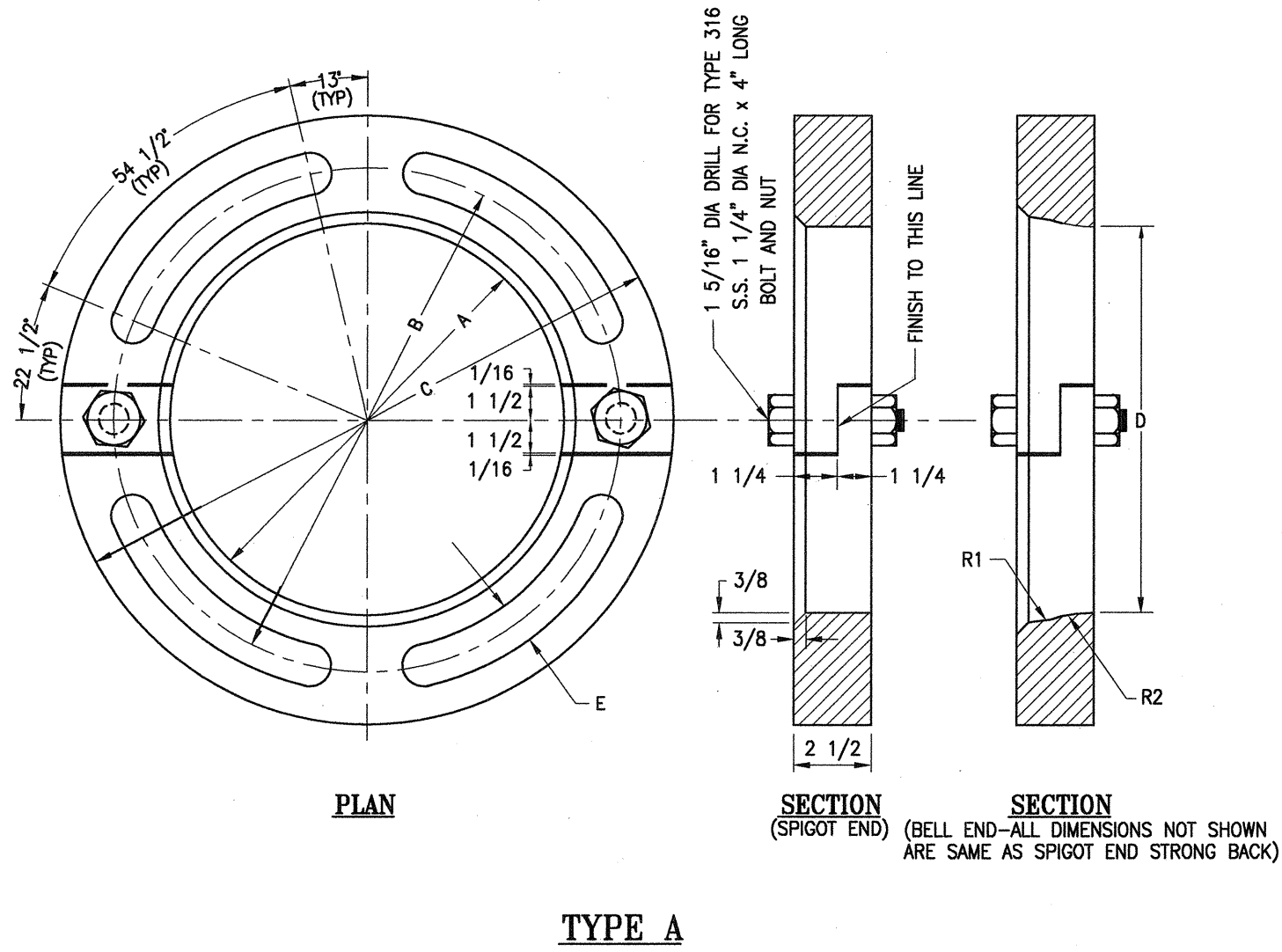
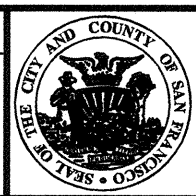


NOMINAL DI PIPE SIZE	TYPE	DIMENSIONS (IN INCHES)					
		A	B	C	D	E	R1 R2
8"	A	9.30	15.75	18.75	9.37	1.37	6 6
10"	A	11.35	18.37	21.62	11.42	1.50	6 6
12"	A	13.45	21.12	24.87	13.52	1.75	6 6
14"	B	15.55	23.62	22.37	15.65	1.62	8 8
16"	B	17.65	26.37	30.12	17.84	1.75	8 8
18"	B	19.75	29.0	32.75	20.00	2.00	8 8
20"	B	21.85	31.87	37.62	22.10	2.12	8 8

1. MATERIAL TO BE CAST STEEL (IN ACCORDANCE WITH A.S.T.M. SPEC. A-27-24) AND ALL SUBSEQUENT REVISIONS THERETO, - OR PLATE STEEL. MARK PATTERN IN RAISED LETTERS NOT LESS THAN 5/8" HIGH AND NOT LESS THAN 1/8" IN RELIEF; WITH THE LETTERS SF-A.W.S.S., THE DATE OF MANUFACTURE AND THE MANUFACTURER'S INITIALS. CASTINGS TO BE COATED IN A SIMILAR MANNER TO THAT SPECIFIED IN THE STANDARD SPECIFICATIONS FOR THE A.W.S.S. FOR CAST STEEL. SPECIALS: PLATE STEEL STRONG BACKS SHALL HAVE THE ABOVE INFORMATION BEAD WELDED ONTO THE OUTSIDE CIRCUMFERENCE. THE WELD BEAD SHALL BE A MINIMUM OF 1/8" HIGH. THE PIPE MANUFACTURER SHALL FURNISH THE MANUFACTURER OF THE STRONG BACK WITH THE NECESSARY BELL CONTOUR DIMENSIONS AND ANY PROJECTION ON BEARING SURFACES SHALL BE GROUND SMOOTH.
2. DIMENSIONS A, D, R1, R2 SHALL HAVE A TOLERANCE OF + 0.06. ALL OTHER DIMENSIONS SHALL HAVE A TOLERANCE OF ±0.06.
3. INSIDE DIAMETER DIMENSIONS GIVEN IN THE TABLE ARE BASED ON THOSE AS PROVIDED BY THE DUCTILE IRON PIPE MANUFACTURERS. THE CONTRACTOR SHALL FIELD VERIFY THE PIPE WHERE THE STRONG BACK IS TO BE INSTALLED PRIOR TO FABRICATION.
4. THE CONTRACTOR SHALL FIELD VERIFY THE EXISTING CAST IRON PIPE PRIOR TO FABRICATING THE BELL END STRONG BACK AND ADJUST THE INSIDE DIAMETER AND RADIUS DIMENSIONS ACCORDINGLY.



NO.	DATE	DESCRIPTION	BY	APP.
1	06/08	ADDED NOTES 3 AND 4	MBS	CKT



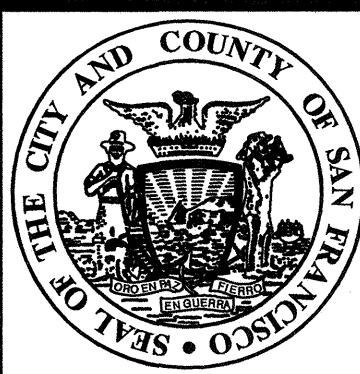
BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED:	DATE:	APPROVED:	DATE:
MBS	07/06		
DRAWN:	DATE:	SECTION MANAGER:	DATE:
NL	07/06		
CHECKED:	DATE:	DEPUTY BUREAU MANAGER:	DATE:
		BUREAU MANAGER:	DATE:

CITY AND COUNTY OF SAN FRANCISCO	SPECIFICATION NO.
AUXILIARY WATER SUPPLY SYSTEM	
DUCTILE IRON PIPE SIZE STRONG BACK	DRAWING NO.
PLATE/CAST STEEL	HPL-5646.7
	REV. NO. 1

NO.	DATE	DESCRIPTION	BY	APP.
TABLE OF REVISIONS				
CHECK WITH TRACING TO SEE IF YOU HAVE LATEST REVISION				

REFERENCE INFORMATION
& FILE NO. OF SURVEYS



BUREAU OF ENGINEERING
DEPARTMENT OF PUBLIC WORKS
CITY AND COUNTY OF SAN FRANCISCO

DESIGNED:	DATE:	APPROVED:	DATE:
MBS	11/10		
DRAWN:	DATE:	SECTION MANAGER:	DATE:
NL	11/10		
CHECKED:	DATE:	DEPUTY BUREAU MANAGER:	DATE:
		BUREAU MANAGER:	DATE:

SCALE:	SHEET OF SHEETS
NONE	3 OF 10

CITY AND COUNTY OF SAN FRANCISCO
AUXILIARY WATER SUPPLY SYSTEM
AWSS STANDARD DRAWING III

SPECIFICATION NO.	DRAWING NO.
	AWSS 3
FILE NO.	REV. NO.
	0

