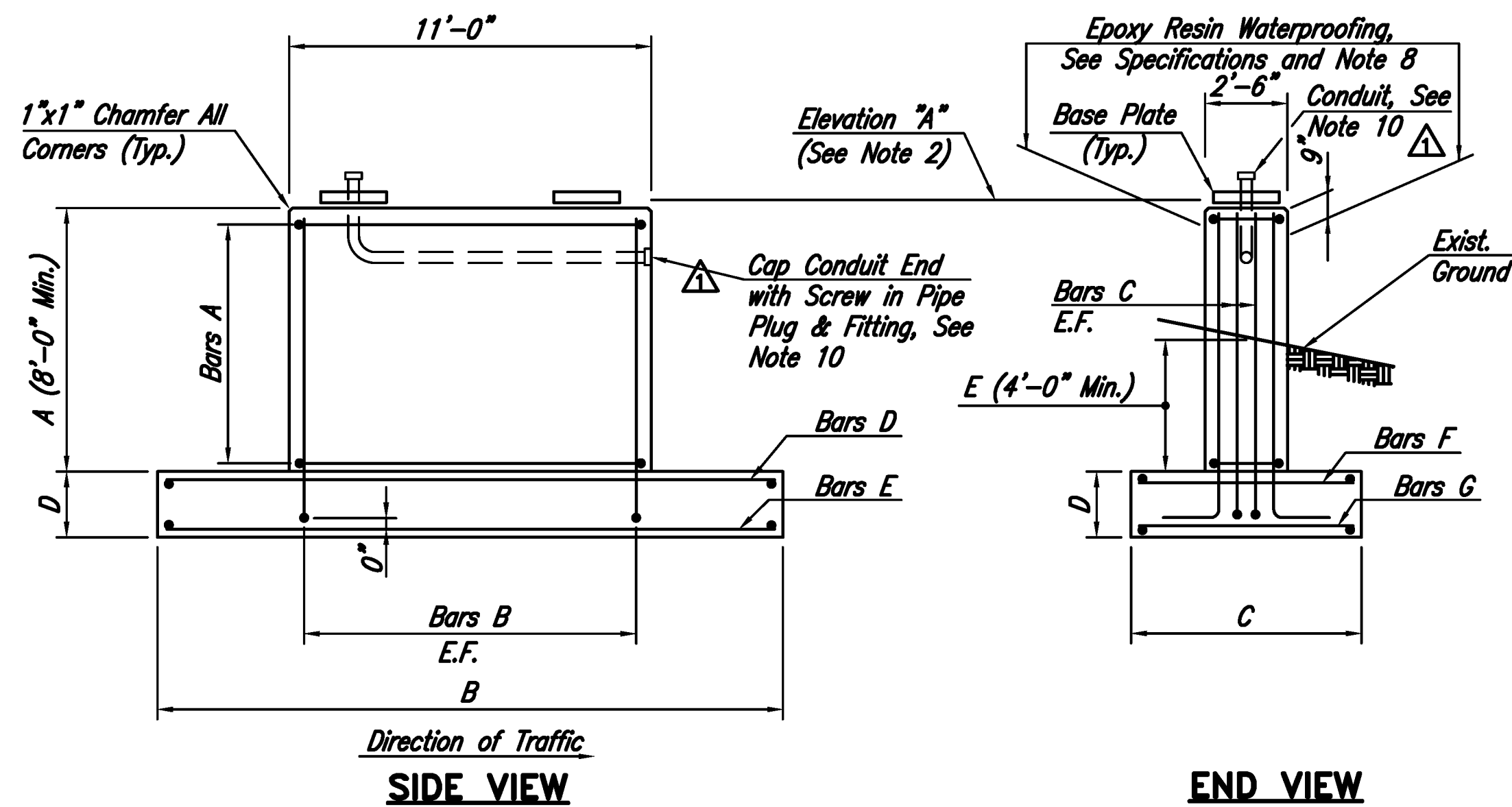
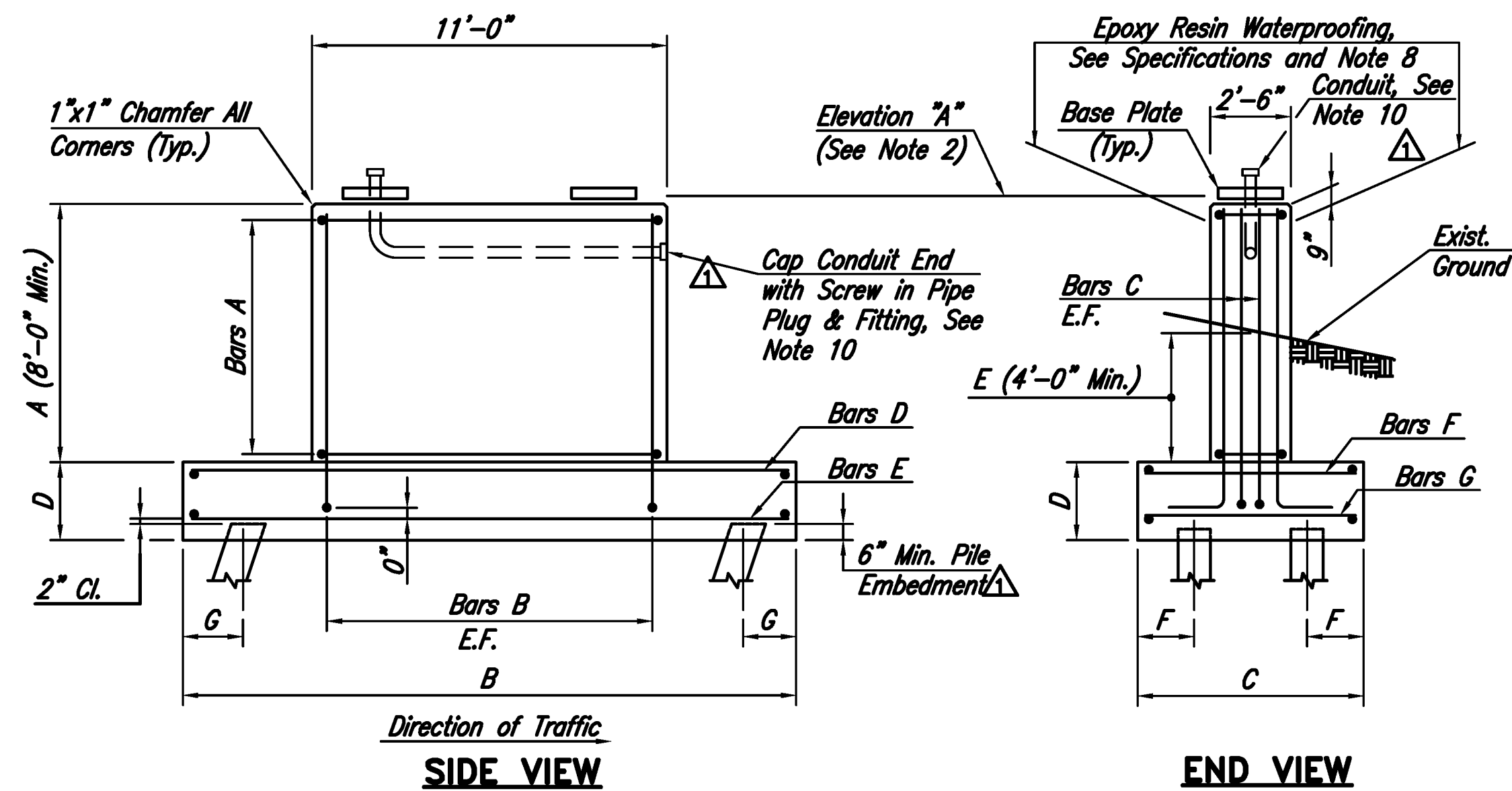
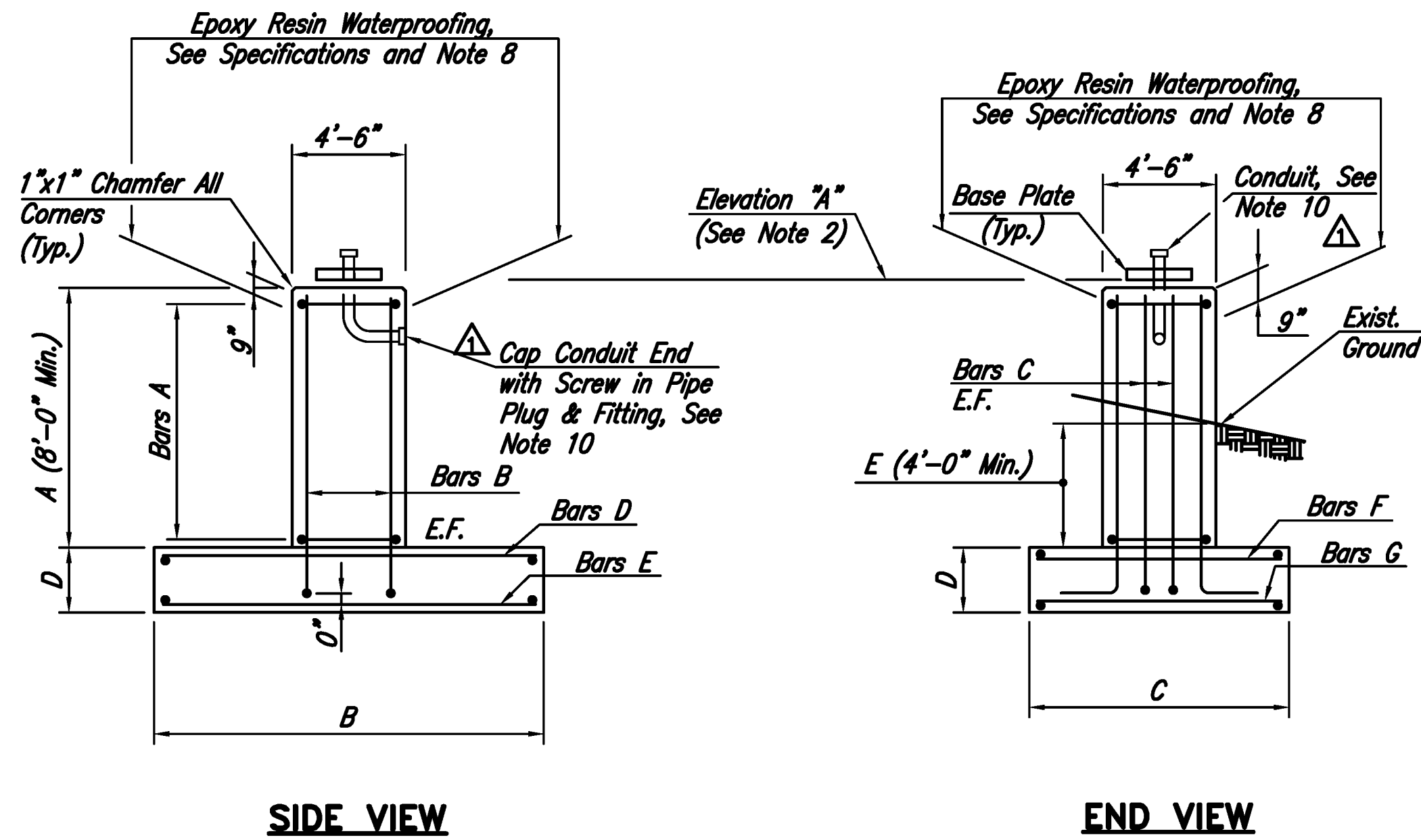




SPAN STRUCTURE FOUNDATION

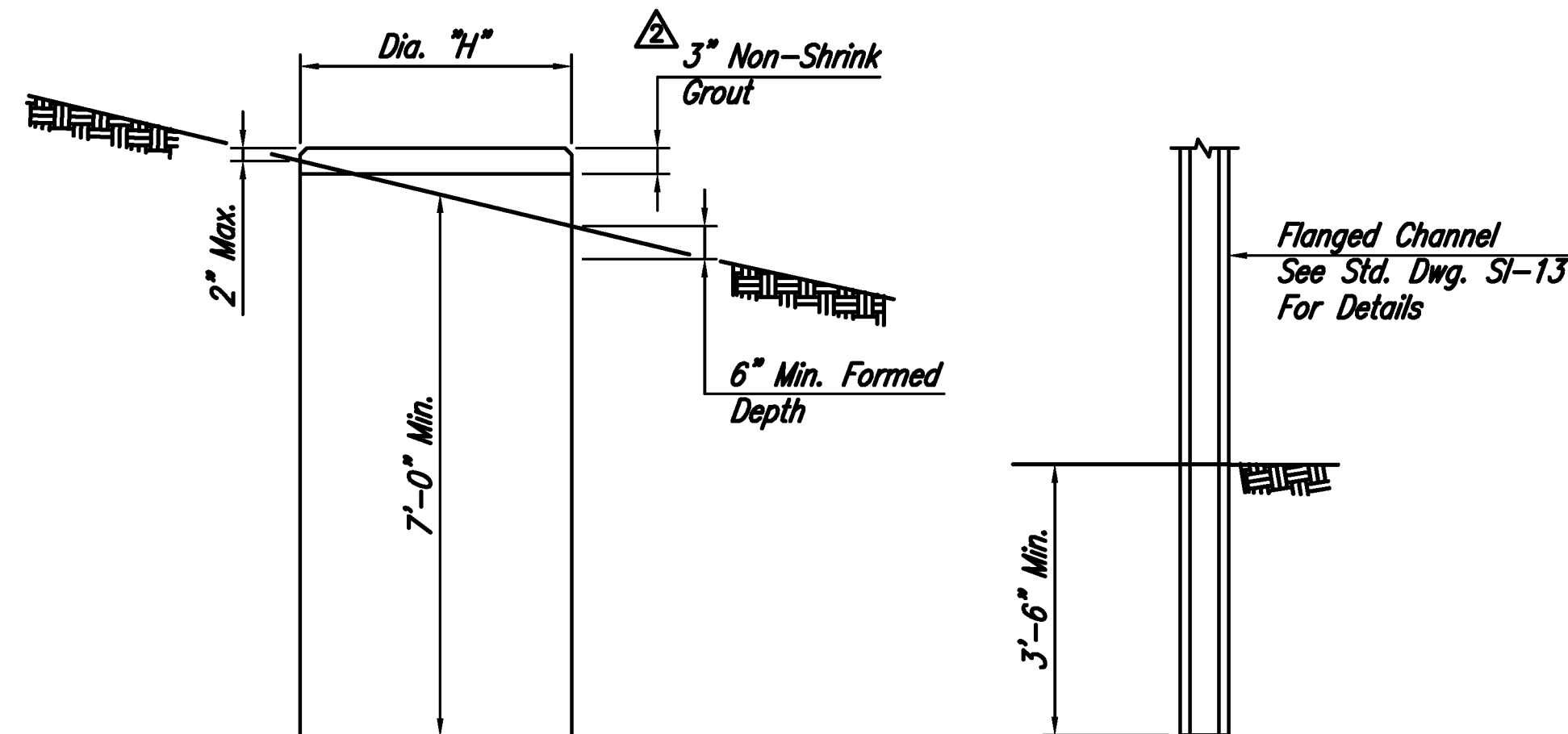


SPAN STRUCTURE FOUNDATION ON PILES



CANTILEVER OR BUTTERFLY STRUCTURE FOUNDATION

NOTE: If piles are required, footing to be similar to that used on span structure.



4" O.D. THRU 12" O.D. POST

FLANGED CHANNEL POST

GROUND MOUNTED SIGN FOUNDATIONS

POST O.D.	DIA. 7/4"	VERT. REINF.
4"	1'-4"	6-#4
6"	1'-8"	6-#6
8"	1'-10"	8-#6
10"	2'-2"	12-#6
12"	2'-6"	12-#8

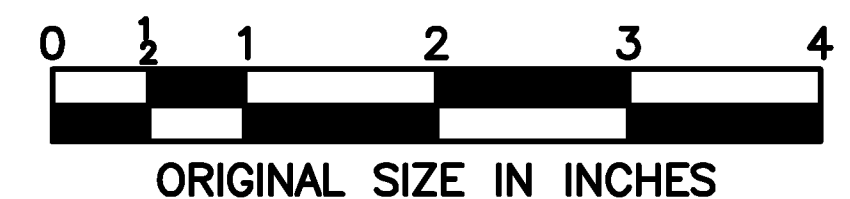
NOTE: All vertical reinforcing to have #4 bars @ 12" o.c. encircling them.

FOUNDATION DIMENSIONS AND REINFORCEMENT													
STRUCTURE NO. OR LOCATION	DIMENSION					REINFORCEMENT							
	A	B	C	D	E	BAR A	BAR B	BAR C	BAR D	BAR E	BAR F	BAR G	
MP													
MP													
MP													

NOTE TO DESIGNER: This is a sample table. The Engineer of Record shall be responsible for furnishing this or similar table on the Final Contract Drawings.

NOTES:

- See Specifications for Sign Structure or VMS Support Structure Fabrication and Erection provisions
- Elevation "A" to be 4'-0" above the high point of the roadway cross section. On a span type structure, elevation "A" to be the same for both pedestals of the same structure.
- Bar clearance in the pedestal shall be 2" min. and in the footing shall be 3" min.
- Foundation details are to be symmetrical about centerline. All bars to be equally spaced.
- For tabular listing of footing dimensions and reinforcing schedules see Contract Plans.
- Concrete in pedestals shall be Class B; concrete in footings shall be Class C.
- E.F. denotes each face.
- Payment for Epoxy Resin Waterproofing for top of Pedestal shall be considered incidental to the Concrete Foundation pay item. No additional payment will be made.
- Minimum footing cover shall be 2'-0".
- Where Lighting for a Sign Structure is indicated in the Contract Plans, conduits shall be provided in the Sign Structure Pedestal(s) as shown on this Standard Drawing and on Standard Drawings SI-19 and E-22.



NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE

OVERHEAD AND GROUND MOUNTED
FOUNDATION DETAILS

OFFICE OF THE CHIEF ENGINEER
WOODBIDGE, NEW JERSEY

2009 STANDARD
DRAWING SI-22

2	03/14	REVISED GROUT HEIGHT
1	12/09	REVISED CONDUIT DETAILS
	04/09	ORIGINAL DRAWING
APP. NO.	DATE	REVISION

CONTRACT NO.

SHEET NO.

OF