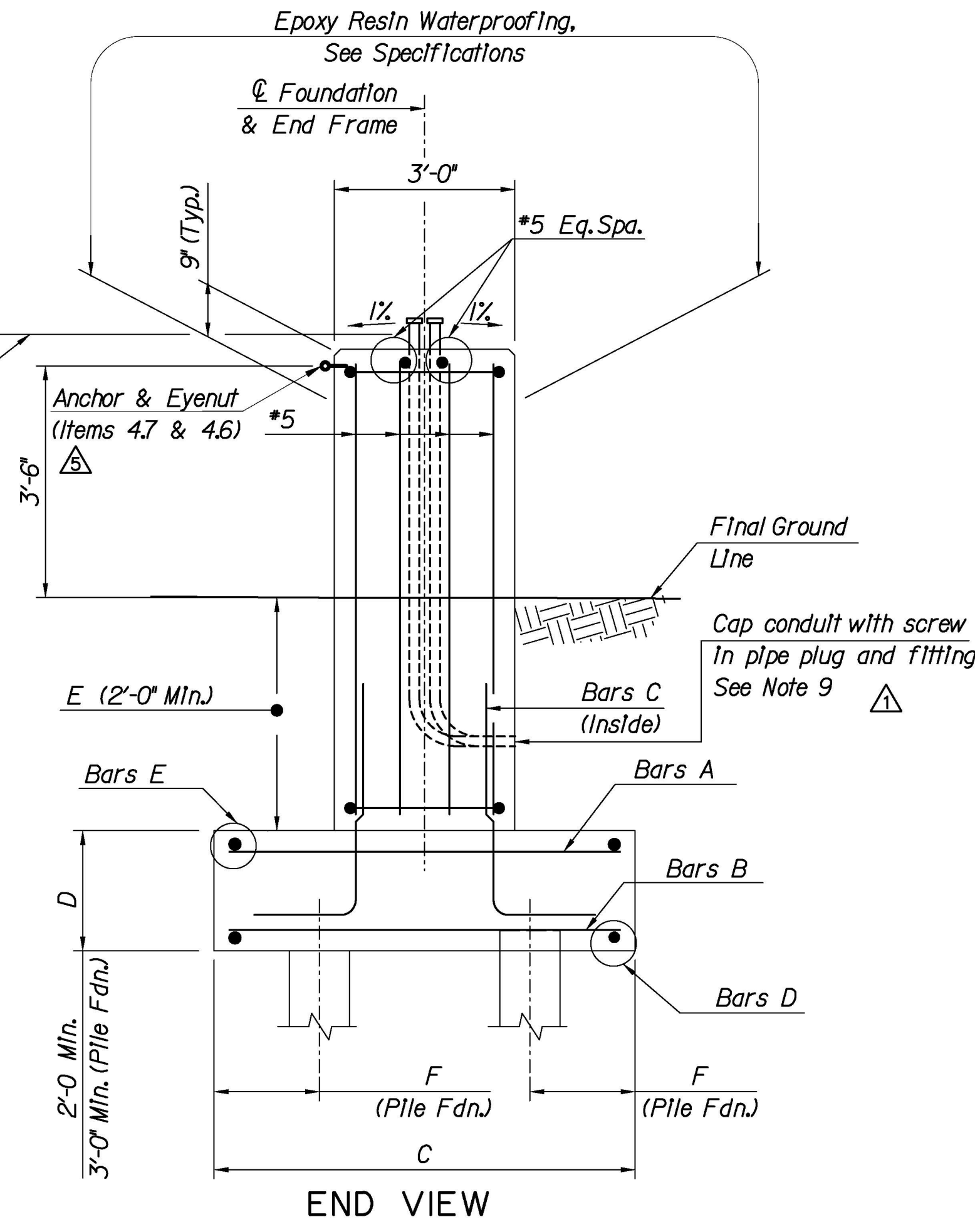
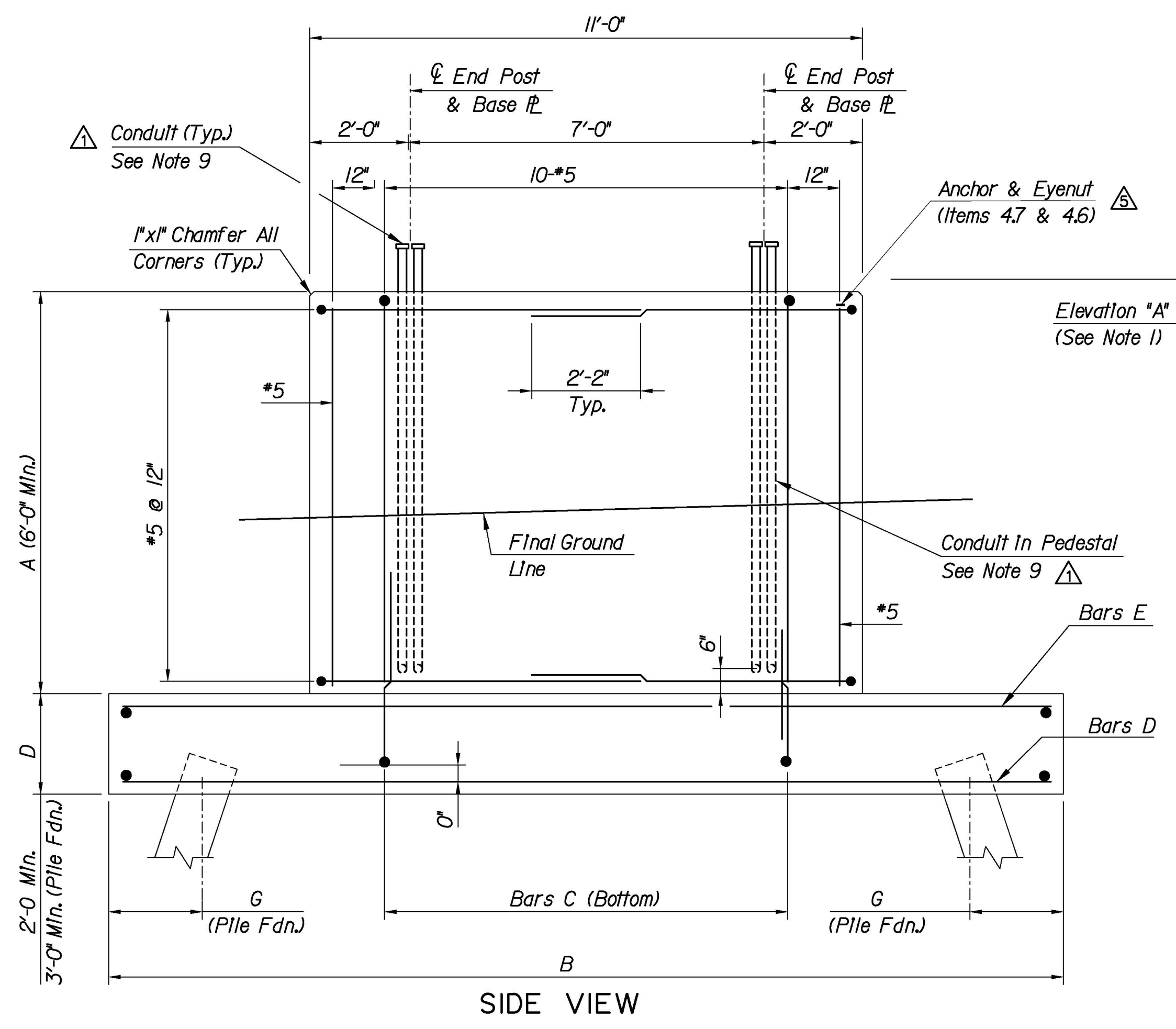


FOR CONDUIT AND GROUNDING PLACEMENT SEE NOTE 9



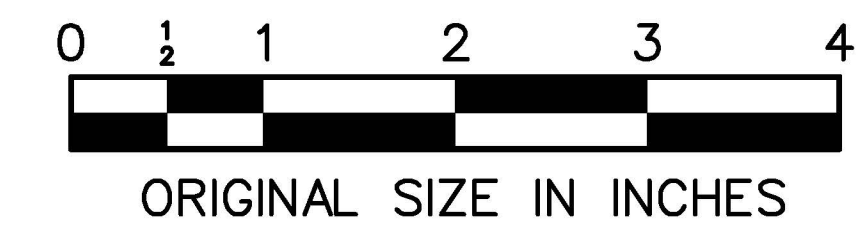
VMS/VSLs SUPPORT & CMS STRUCTURE FOUNDATION
 Spread Footing (As Shown)
 Pile Foundation (As Noted)

NOTES:

- Elevation "A" to be 4'-0" above the high point of the roadway cross section at the centerline station of the structure. Elevation "A" shall 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.
- Minimum footing cover shall be 2'-0".
- E.F. denotes each face.
- For Anchor Bolt Details and Placement, see Sheet VM-8.
- See ITS Drawings for grounding, conduit size, type, quantity and payment. Conduits shall be arranged and centered to fit in the 8" diam. hole in the Base Plate. For Base Plate detail, see Sheet VM-5.
- Piles shall be driven to refusal.
- Pile length: Piles shall be driven to at least the minimum tip elevation as indicated on the drawings. If the minimum tip elevation can not be reached, the Engineer shall be notified immediately prior to any further foundation work.
- No splice will be permitted within 30 feet of design pile cut-off elevation except as approved by the Construction Manager.
- Electrodes which have become wet, soiled or damaged shall not be used.
- All welding of the piles shall be in accordance with AWS-D1.5 and the Specifications. All other requirements, including non destructive testing, shall be in accordance with AWS D1.5 and the Specifications.
- Welding shall not be done when the ambient temperature is lower than 0°F or when the pile is wet, exposed to falling rain or snow.
- One pile at each footing shall be a Test Pile (load test not required). Order length of test pile shall be 10 feet longer than the estimated pile length.
- Anchor & Eynut shall be considered incidental to the other foundation items.
- For Items List, see Sheet VM-10 or sheet CM-10.
- Anchor and Eynut shall be located on the side of the pedestal towards which the security ladder guard will swing open. For security ladder guard details, see Sheets VM-5, VM-20 or CM-7.

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

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.



APP.	NO.	DATE	REVISION
5	3/14		REMOVED LADDER RUNG AND ADDED EYENUT
4	2/12		ADDED GROUNDING REFERENCE
3	3/11		ADDED LADDER RUNGS AND REVISED CONDUIT LAYOUT
2	12/09		ADD CMS TO TITLE
1	7/09		MINOR NOTE REVISION AND REVISED CONDUIT DETAILS
0	8/08		ORIGINAL DRAWING

NEW JERSEY TURNPIKE AUTHORITY
NEW JERSEY TURNPIKE
 OVERHEAD SPAN VMS/VSLs & CMS SUPPORT STRUCTURES
SPREAD FOOTING / PILE BEARING FOUNDATION AND DRIVEN PILE DETAILS
 OFFICE OF THE CHIEF ENGINEER
 NEW JERSEY TURNPIKE AUTHORITY
 WOODBRIDGE NEW JERSEY
 2008 STANDARD DRAWING VM-9
 CONTRACT NO. SHEET NO. OF