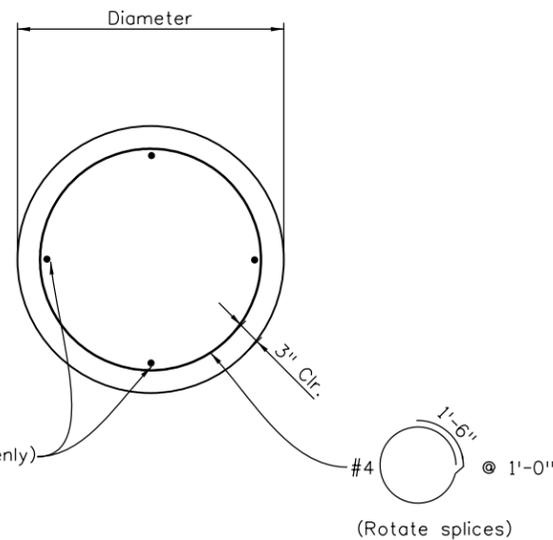


ELEVATION



TYPICAL SECTION

Tower Station	▲ Elevation	Length	Diameter	Total V Bars	Size V Bars

Elevations shown shall be verified at time of construction by the Engineer.

Extend the required reinforcing steel cage to the bottom of the hole for those caissons excavated more than 2'-0" beyond estimated tip elevation. If it is necessary to extend the cage, the V bars can be lap spliced with black reinforcing bars of the same grade and size of bar and a lap splice length of "SPECIFY LENGTH".

Designer/Detailer
Specify the lap splice length required when the length of a caisson is extended beyond the estimated tip elevation.

FOR INFORMATION ONLY

Quantities (One Caisson)		
Tower Station	Concrete Class BZ (CY)	Reinforcing Steel (Lb)

Concrete shall be Concrete Class BZ.

Designer/Detailer
Also place utility notification graphic on the foundation layout drawing.

Unless otherwise specified in the Plans, a minimum of one pile dynamic load test will be required per foundation element (Abutment or Pier Foundation) for each structure using the CDDT's Pile Driving Analyzer (PDA). Final tip elevations and final quantities will be determined using the refusal criteria of the PDA measurements. The Contractor shall submit pile tip and hammer parameters to the CDDT Geotechnical Branch, Soil and Rockfall Unit (303-398-6587) a minimum of ten calendar days prior to beginning any pile driving work.



**Know what's below.
Call before you dig.**

Revision Dates (Preliminary Stage Only)			
DATE	BY	DATE	BY
9/87	XXX	3/99	XXX
11/99	XXX	4/02	XXX
2/06	XXX	3/07	XXX
10/13	XXX		XXX

Design		Detail		Quantities	
DATE	INITIAL	DATE	INITIAL	DATE	INITIAL
MM/YY	XXX	MM/YY	XXX	MM/YY	XXX
Checked By	XXX	Checked By	XXX	Checked By	XXX
Designed By	XXX	Designed By	XXX	Quantities By	XXX
Checked By	XXX	Checked By	XXX	Checked By	XXX

Print Date: \$DATE\$
File Name: Sheet_LB-503-1.dgn
Horiz. Scale: NTS Vert. Scale: As Noted
Staff Bridge Branch - Unit 022X Unit Leader Initials

Sheet Revisions		
Date:	Comments	Init.

Colorado Department of Transportation
 4201 East Arkansas Avenue
 Room 107
 Denver, CO 80222
 Phone: 303-757-9309 FAX: 303-757-9197

Staff Bridge Branch **Initials**

As Constructed
No Revisions:
Revised:
Void:

DRILLED CAISSON DETAILS			
Designer: XXXXXXXX	Structure Numbers	X-XX-XX	Sheet Number
Detailer: XXXXXXXX	Subset Sheets: BXX of XXX	X-XX-XX	
Sheet Subset: BRIDGE			

Project No./Code
Project Number
Code
Sheet Number