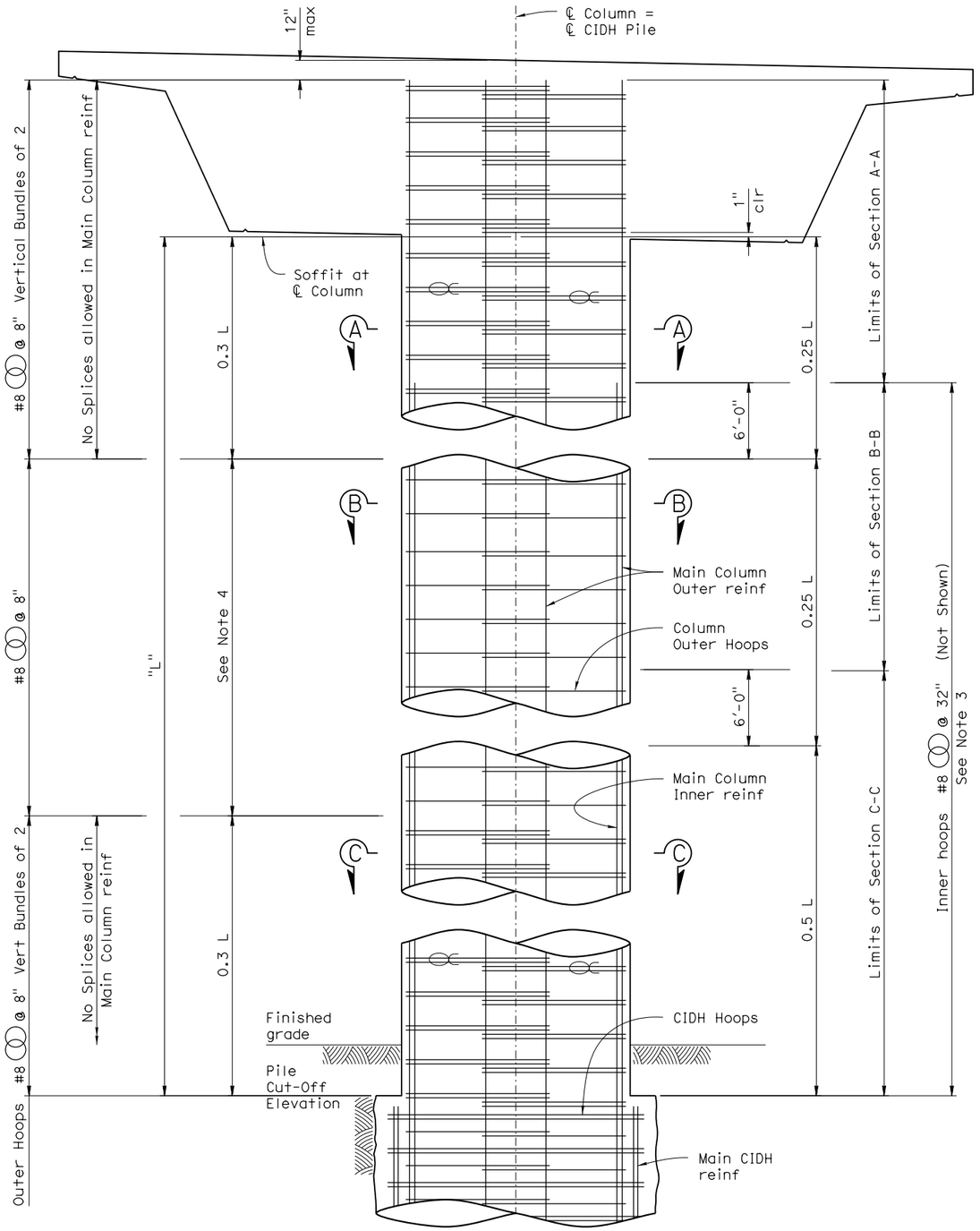
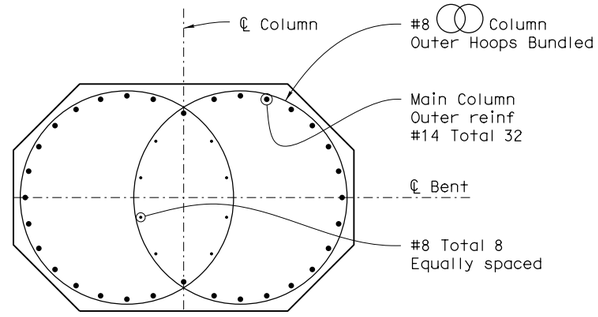


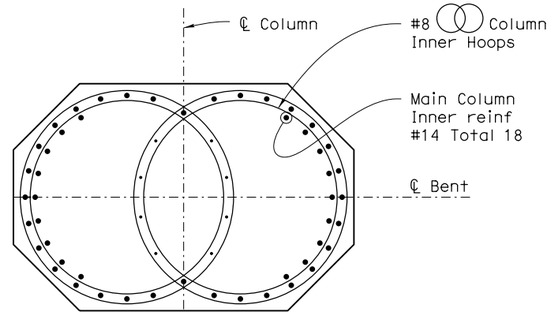
CIDH PILE ELEVATION

no scale



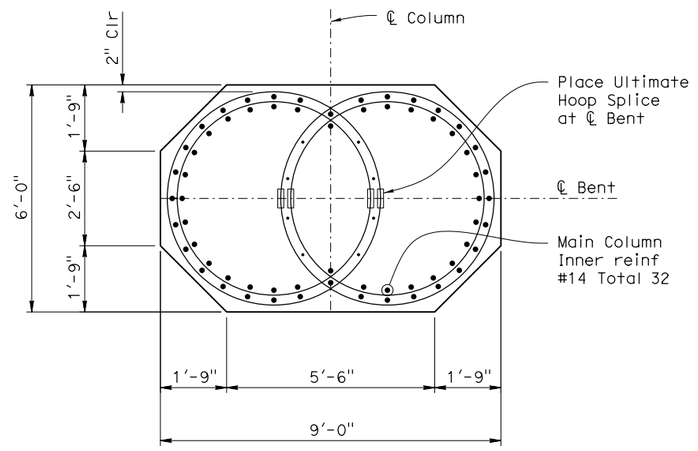
COLUMN SECTION A-A

½" = 1'-0"



COLUMN SECTION B-B

½" = 1'-0"



COLUMN SECTION C-C

½" = 1'-0"

Notes:

1. Reinforcement is symmetrical about ℄ of column.
2. All Hoops are "Ultimate" butt spliced, continuous.
3. Inner Hoop reinforcement shall be placed at same level as Outer Hoop reinforcement.
4. Only staggered "Ultimate" butt splices are allowed in Main Column reinforcement, in this zone.
5. For "L" dimension, see:
6. For CIDH reinforcement and details, see CIDH Detail sheets.
7. For Pile Data see:

℄ Indicates bundled bars.

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X			

REGISTERED CIVIL ENGINEER _____ DATE _____

PLANS APPROVAL DATE _____

REGISTERED PROFESSIONAL ENGINEER — No. X — Exp. X — CIVIL — STATE OF CALIFORNIA

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

	BY	CHECKED
DESIGN	X	X
DETAILS	X	X
QUANTITIES	X	X

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH

BRIDGE NO. ×
POST MILE ×

MEMO TO DESIGNERS
20 - 9 ATTACHMENT A
COLUMN ON PILE SHAFT EXAMPLE
COLUMN - CIDH DETAILS NO. 1

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES				SHEET	OF
				X	X

FILE => CIDH-column M20 20-9.dgn

DATE PLOTTED => 26-APR-2016 11:18
TIME PLOTTED => 11:17:40
USERNAME => s117840

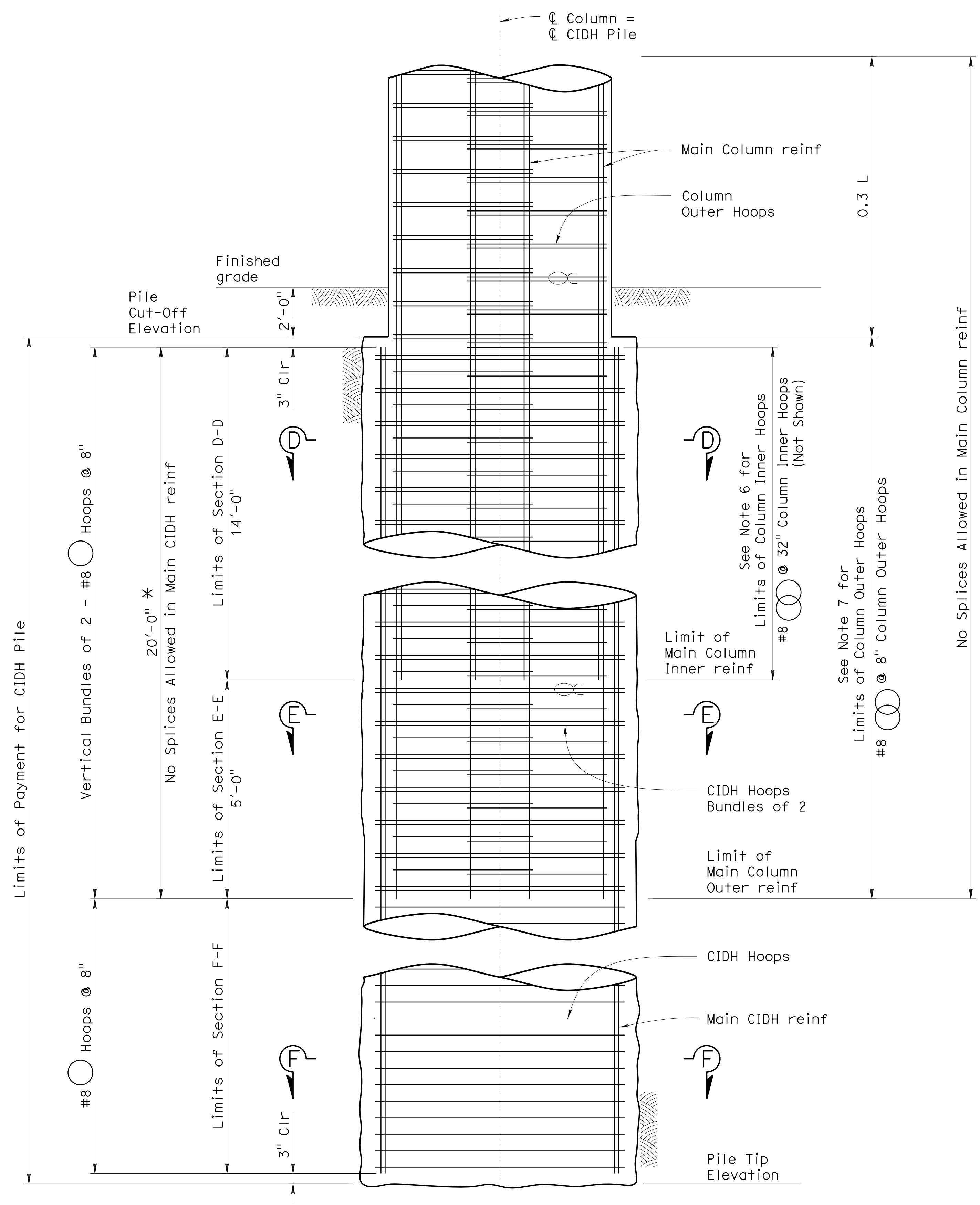
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X			

REGISTERED CIVIL ENGINEER DATE

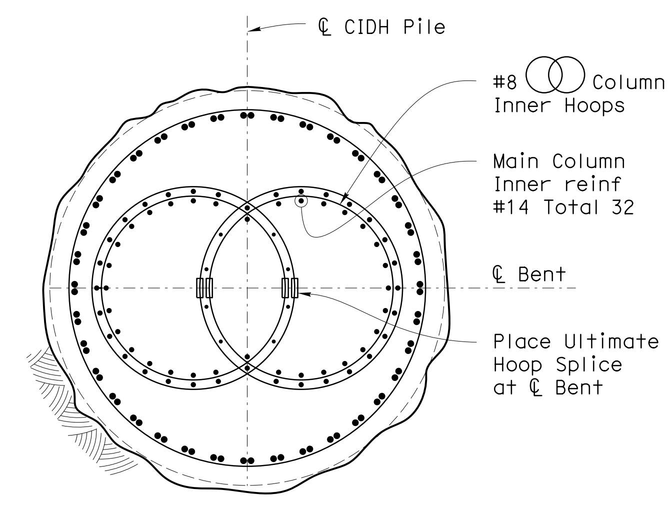
PLANS APPROVAL DATE

The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.

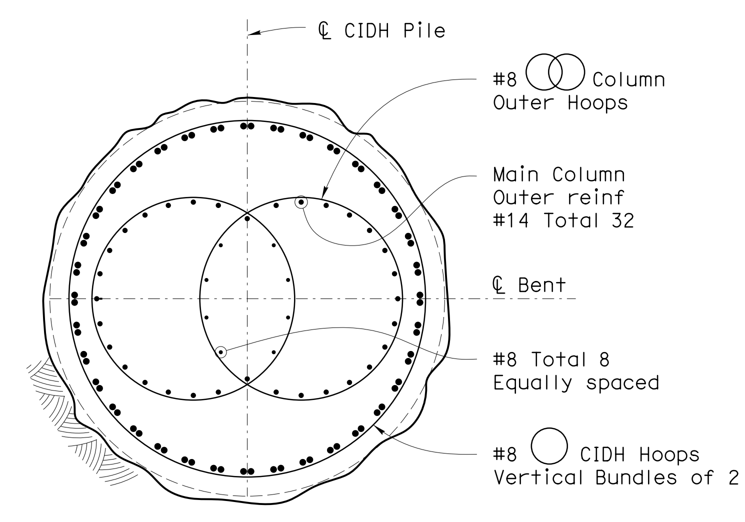
REGISTERED PROFESSIONAL ENGINEER
X
No. X
Exp. X
CIVIL
STATE OF CALIFORNIA



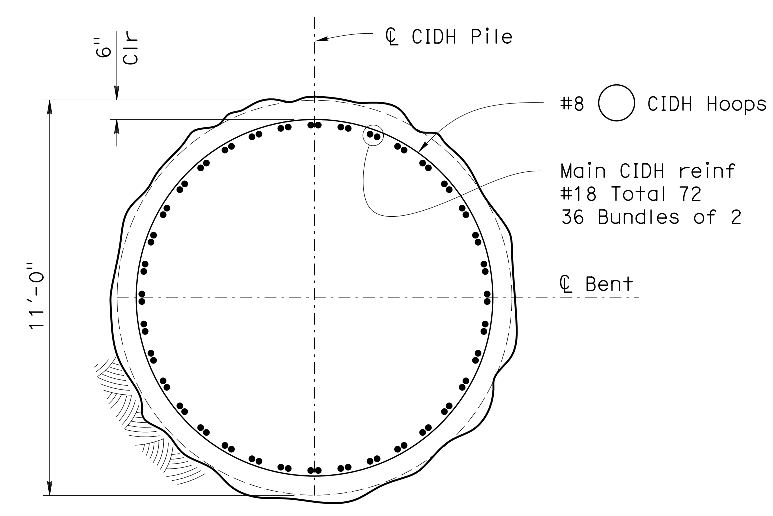
CIDH PILE ELEVATION
no scale



CIDH PILE SECTION D-D
3/8" = 1'-0"



CIDH PILE SECTION E-E
3/8" = 1'-0"



CIDH PILE SECTION F-F
3/8" = 1'-0"

Notes to Designer:

Dimensions shown are for example only.

* Modifications may be required to meet design demand requirements.

Notes:

1. For Column reinforcement and details, see Column Details sheet.
2. For Pile Data see Foundation Data sheet.
3. All Hoops are "Ultimate" butt spliced, continuous.
4. Inner Hoop reinforcement shall be placed at the same level as Outer Hoop reinforcement.
5. For "L" dimension, see Column Details sheet.
6. Limits of Column Inner Hoops = (Dc Max) + (Ld Main Column reinf).
7. Limits of Column Outer Hoops = (Dc Max) + (2 x (Ld Main Column reinf)).
8. Dc max is the larger cross section dimension of the column.

ꝏ Indicates bundled bars.

MEMO TO DESIGNERS
20 - 9 ATTACHMENT A
COLUMN ON PILE SHAFT EXAMPLE
COLUMN - CIDH DETAILS NO. 2

DESIGN	BY X	CHECKED X	
DETAILS	BY X	CHECKED X	
QUANTITIES	BY X	CHECKED X	

STATE OF CALIFORNIA
DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES
STRUCTURE DESIGN
DESIGN BRANCH

BRIDGE NO. X
POST MILE X

STRUCTURES DESIGN DETAIL SHEET (ENGLISH) (REV. 09-01-10)

ORIGINAL SCALE IN INCHES FOR REDUCED PLANS 0 1 2 3

UNIT: X
PROJECT NUMBER & PHASE: X
CONTRACT NO.: X

DISREGARD PRINTS BEARING EARLIER REVISION DATES

REVISION DATES | SHEET X | OF X

USERNAME => s117840 DATE PLOTTED => 26-APR-2016 TIME PLOTTED => 11:18

FILE => CIDH-column M2D 20-9.dgn