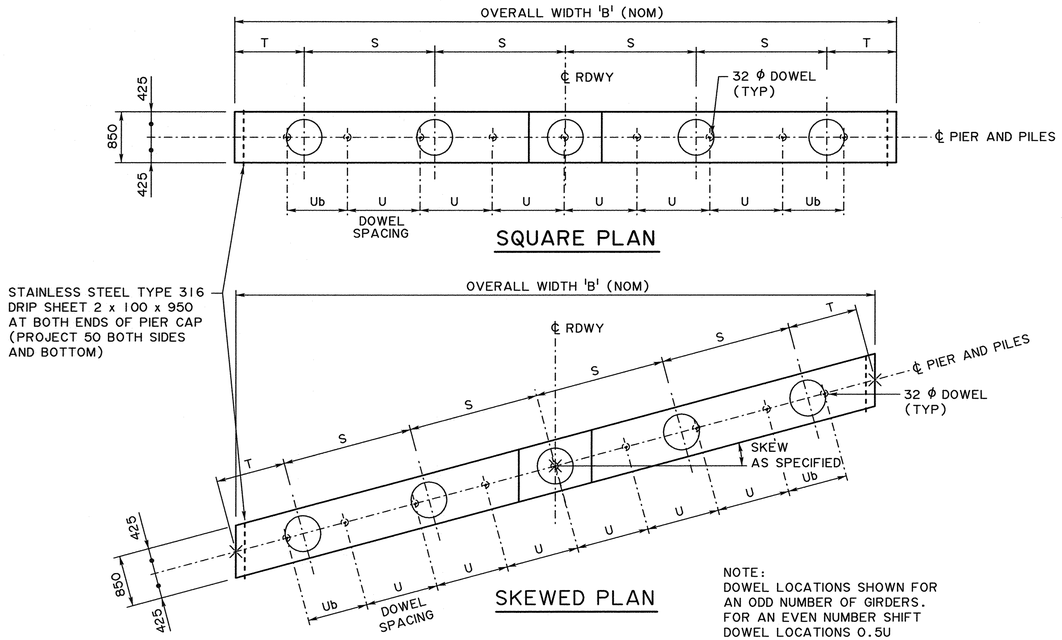
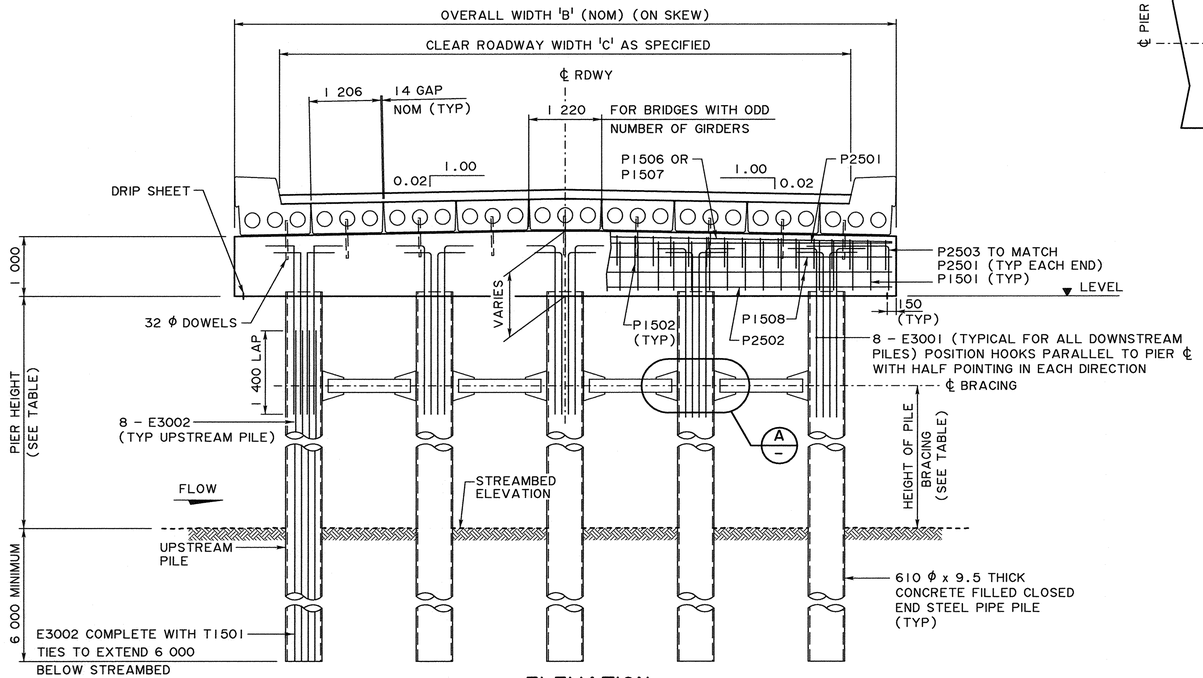


SQUARE PLAN

STAINLESS STEEL TYPE 316 DRIP SHEET 2 x 100 x 950 AT BOTH ENDS OF PIER CAP (PROJECT 50 BOTH SIDES AND BOTTOM)

SKEWED PLAN

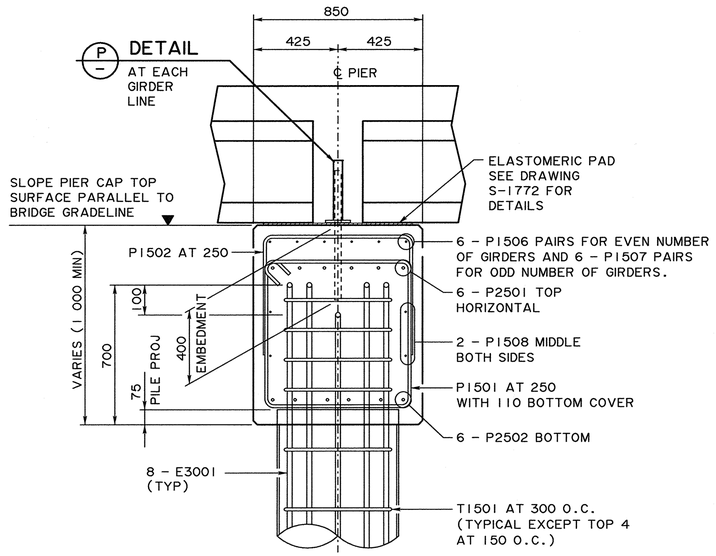
NOTE:
DOWEL LOCATIONS SHOWN FOR AN ODD NUMBER OF GIRDERS. FOR AN EVEN NUMBER SHIFT DOWEL LOCATIONS 0.5U ALONG ℄ PIER



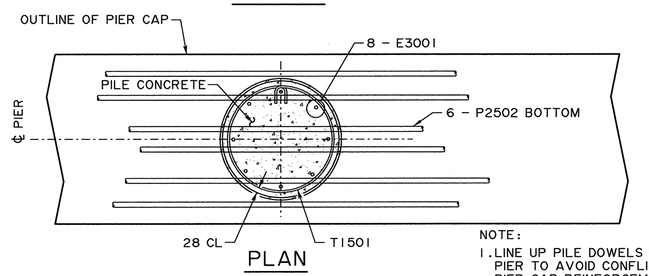
ELEVATION
(ON SQUARE)

NOTE:
FOR PIER VERTICAL DIMENSIONING DETAILS SEE DRAWING S-1778

PIERS
1:50



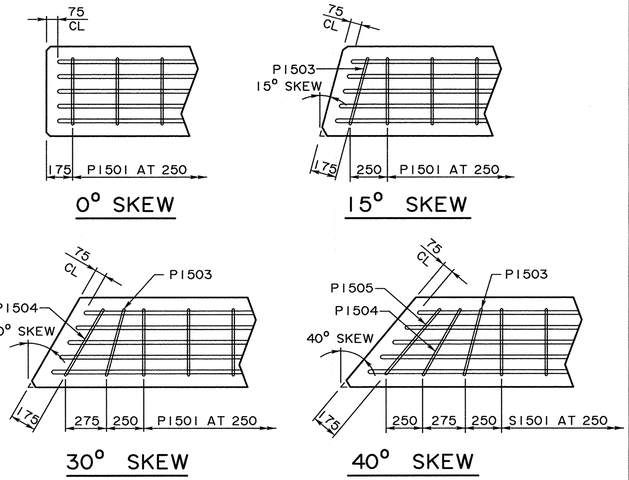
SECTION



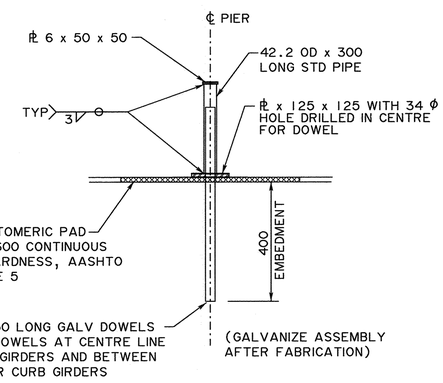
PLAN

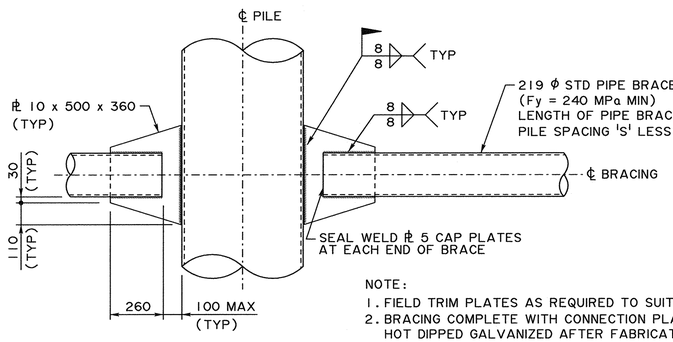
TYPICAL PIER CAP SECTION
1:15

NOTE:
1. LINE UP PILE DOWELS WITH ℄ PIER TO AVOID CONFLICT WITH PIER CAP REINFORCEMENT
2. SET DOWELS ON ℄ PIER DOWN TO AVOID CONFLICT WITH DOWELS



PIER END REINFORCING LAYOUT
(FOR SQUARE & SKEW BRIDGES)
NTS





NOTE:
1. FIELD TRIM PLATES AS REQUIRED TO SUIT PILE SPACING
2. BRACING COMPLETE WITH CONNECTION PLATES TO BE HOT DIPPED GALVANIZED AFTER FABRICATION

A DETAIL
PIER PILE BRACING DETAIL
1:15

P DETAIL
1:10

PIER PILE BRACING TABLE	
PIER HEIGHT	HEIGHT OF PILE BRACING
UP TO 2.0 m	NONE REQUIRED
> 2.0 m TO 3.0 m	NONE REQUIRED
> 3.0 m TO 4.0 m	2.5 m
> 4.0 m TO 6.0 m	3.0 m

NOTE:
- PIER HEIGHT IS MEASURED FROM STREAMBED TO UNDERSIDE OF PIER PILE CAP

REV	DATE	REVISION	BY
5			
4			
3			
2			
1			

DESIGNER RI CHECKER KA

RECOMMENDED DIRECTOR BRIDGE ENGINEERING

APPROVED EXECUTIVE DIRECTOR TECHNICAL STANDARDS BRANCH

DATE Oct 06,2022

Alberta Transportation

STANDARD SLC COMPOSITE BRIDGES SLC510 GIRDERS WITH CAST-IN-PLACE CONCRETE SUBSTRUCTURES - SHEET 3

DATE	SHEET	DRAWING
2020-11-17	3 OF 4	S-1780-20