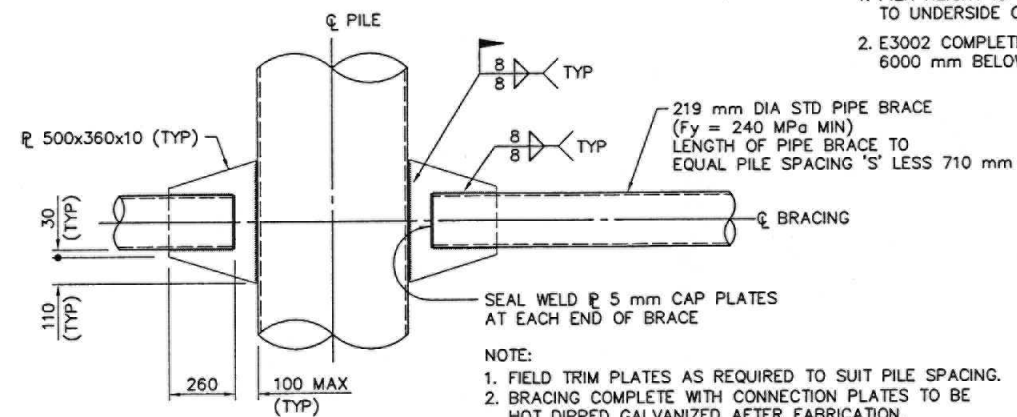
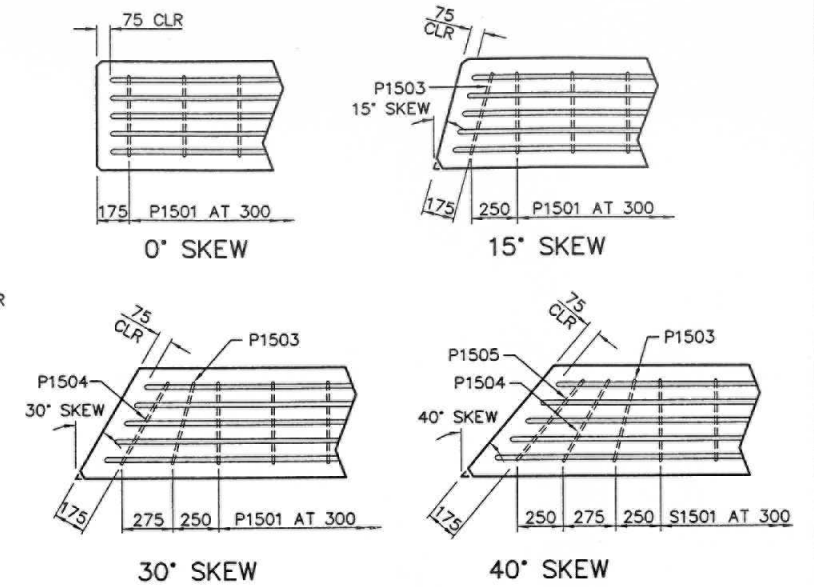


TYPICAL PIER CAP SECTION 1:15



PIER PILE BRACING DETAIL 1:15



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

PIER PILE BRACING AND PILE REINFORCING TABLE

PIER HEIGHT	HEIGHT OF PILE BRACING	UPSTREAM PILE VERTICAL REINFORCEMENT
UP TO 2.0 m	NONE REQUIRED	8 - E3001
> 2.0 m TO 3.0 m	NONE REQUIRED	8 - E3002
> 3.0 m TO 4.0 m	2.5 m	8 - E3001
> 4.0 m TO 5.0 m	3.0 m	8 - E3001
> 5.0 m TO 6.0 m	4.0 m	8 - E3002

- NOTES:
- PIER HEIGHT IS MEASURED FROM STREAMBED TO UNDERSIDE OF PIER PILE CAP.
 - E3002 COMPLETE WITH T1501 TIES TO EXTEND 6000 mm BELOW STREAMBED.

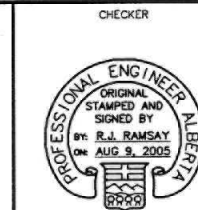
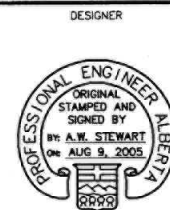
NOTE:
FOR PIER VERTICAL DIMENSIONING DETAIL, SEE DWG S-1696-05.

ELEVATION (ON SQUARE)

PIERS 1:50

UMA | AECOM

PERMIT TO PRACTICE
UMA ENGINEERING LTD.
PERMIT NUMBER: P329
ORIGINAL SIGNED AND STAMPED BY
BY: ROBERT J. RAMSAY
ON: AUGUST 9, 2005
The Association of Professional Engineers,
Geologists and Geophysicists of Alberta



REV	DATE	REVISIONS	BY
1	2006-01-04	HEIGHT OF PILE BRACING	SP

RECOMMENDED
DIRECTOR BRIDGE ENGINEERING
ORIGINAL SIGNED BY
TOM LOO

APPROVED
EXECUTIVE DIRECTOR
TECHNICAL STANDARDS BRANCH
ORIGINAL SIGNED BY
ALLAN KWAN

DATE: AUG 16, 2005

Alberta INFRASTRUCTURE AND TRANSPORTATION

SCC PRECAST GIRDER BRIDGES
WITH CAST-IN-PLACE
CONCRETE SUBSTRUCTURES - SHT 3

DEPARTMENT BAR CODE DATE SHEET DRAWING
2005-08-09 3 of 4 S-1698-05