

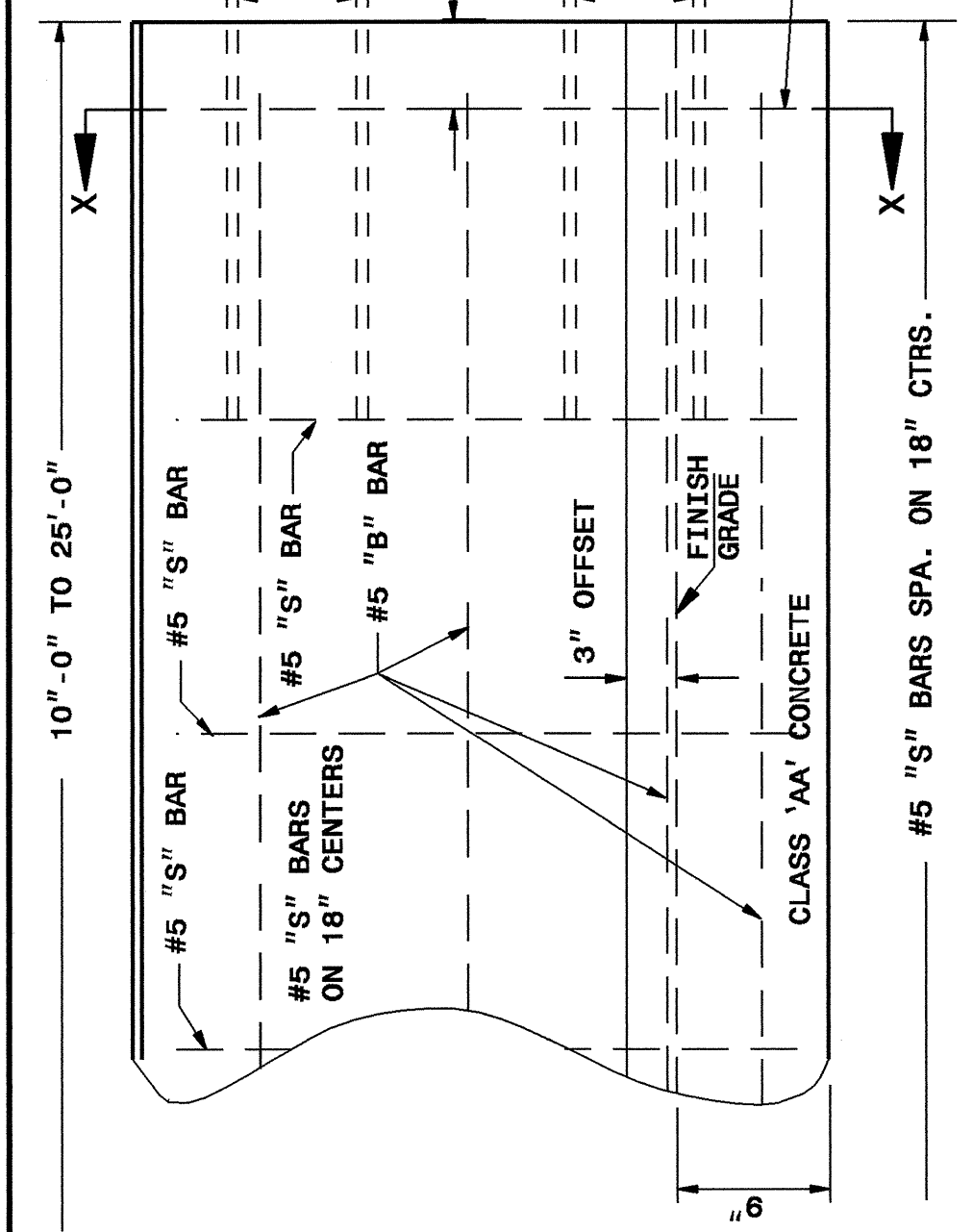
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RALEIGH, N.C.

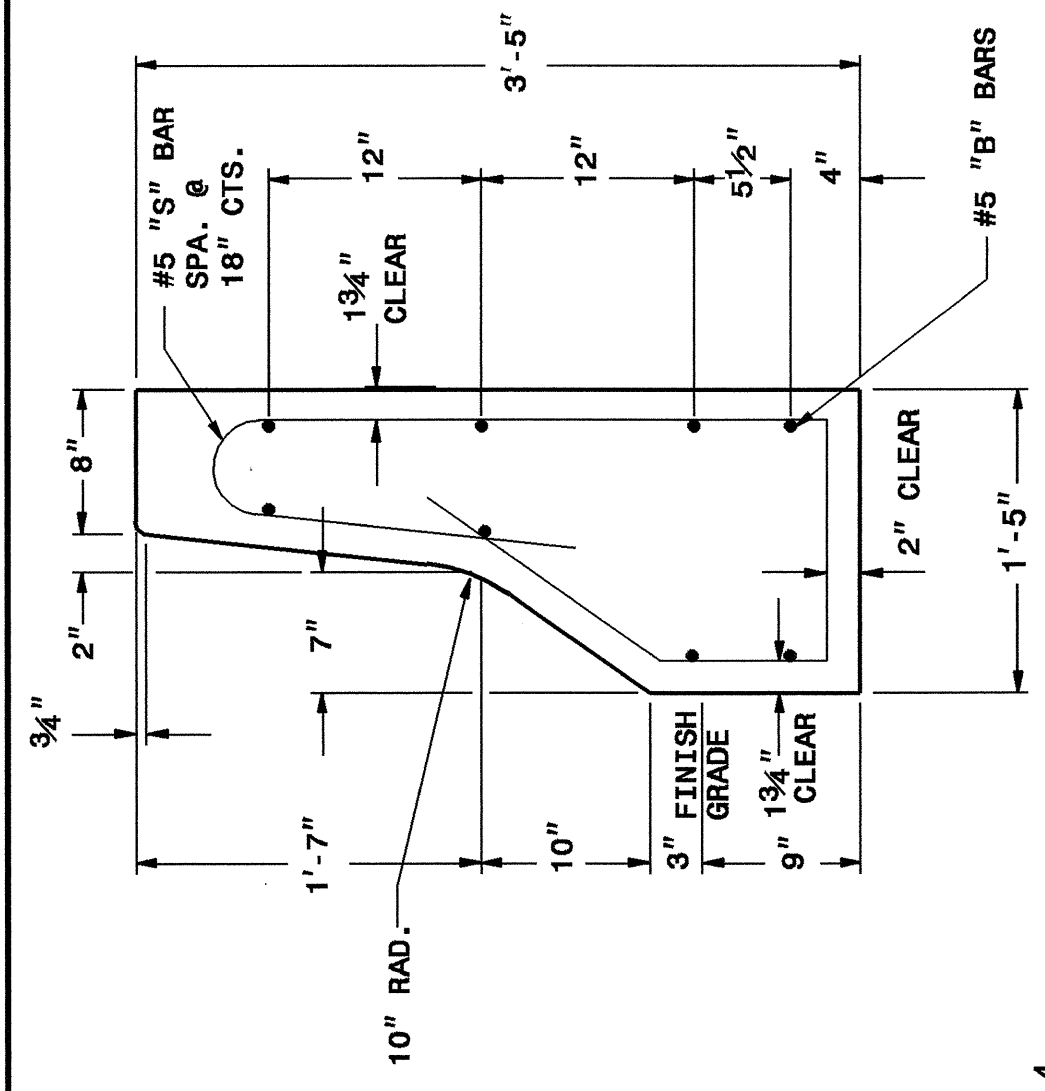
ENGLISH DETAIL DRAWING FOR
PRECAST REINFORCED CONCRETE BARRIER
41" SINGLE FACED

SHEET 5 OF 8
857D01

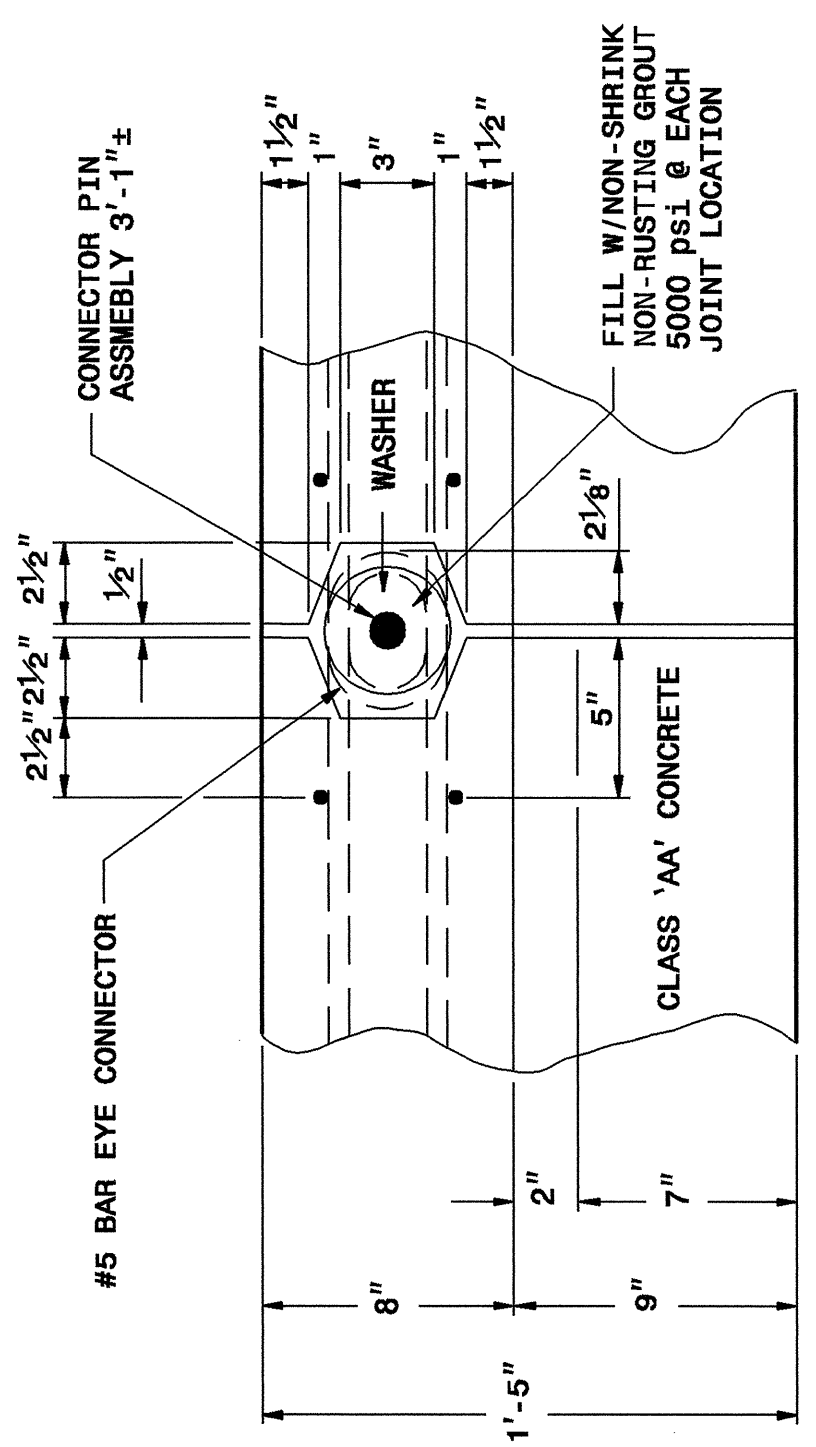


PART FRONT ELEVATION

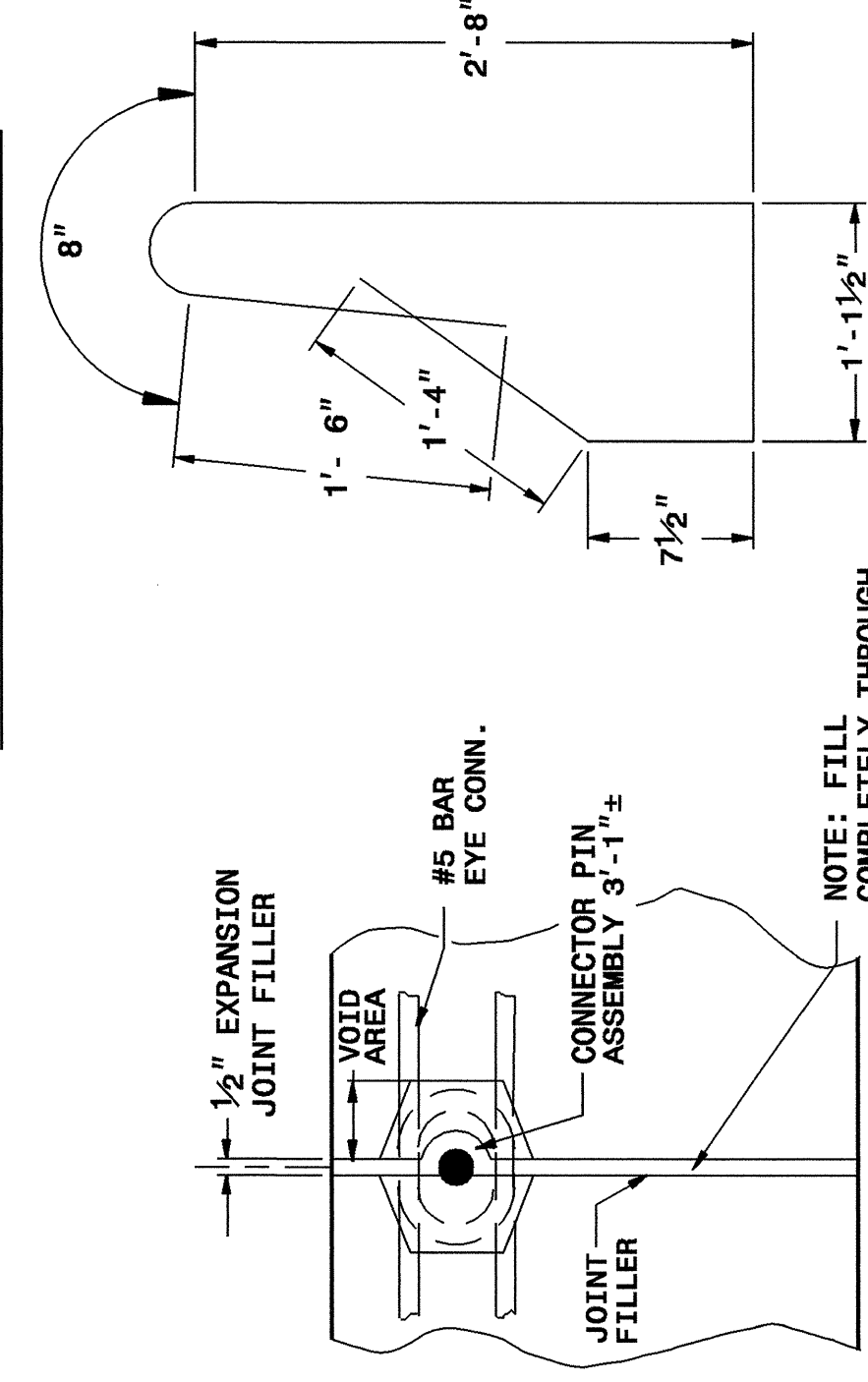
*SEE SHEET 4 FOR DIMENSIONS



DETAIL X-X
CROSS SECTIONAL VIEW



PLAN OF BONDED CONNECTION OF PRECAST UNIT



JOINT FILLER DETAIL

NOTE: FILL COMPLETELY THROUGH BARRIER SECTION

S - BARS
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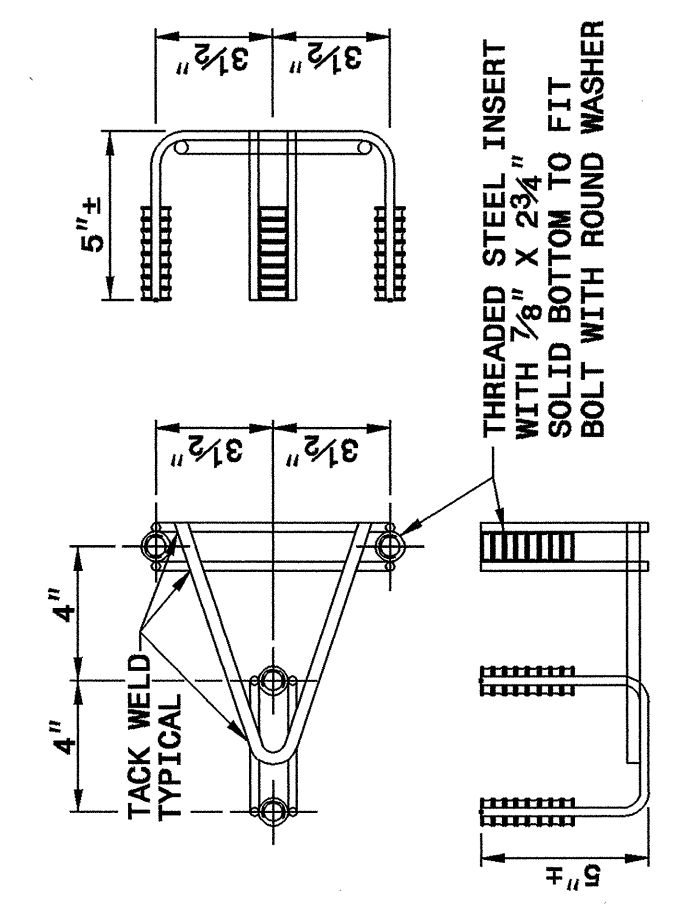
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SHEET 5 OF 8
857D01

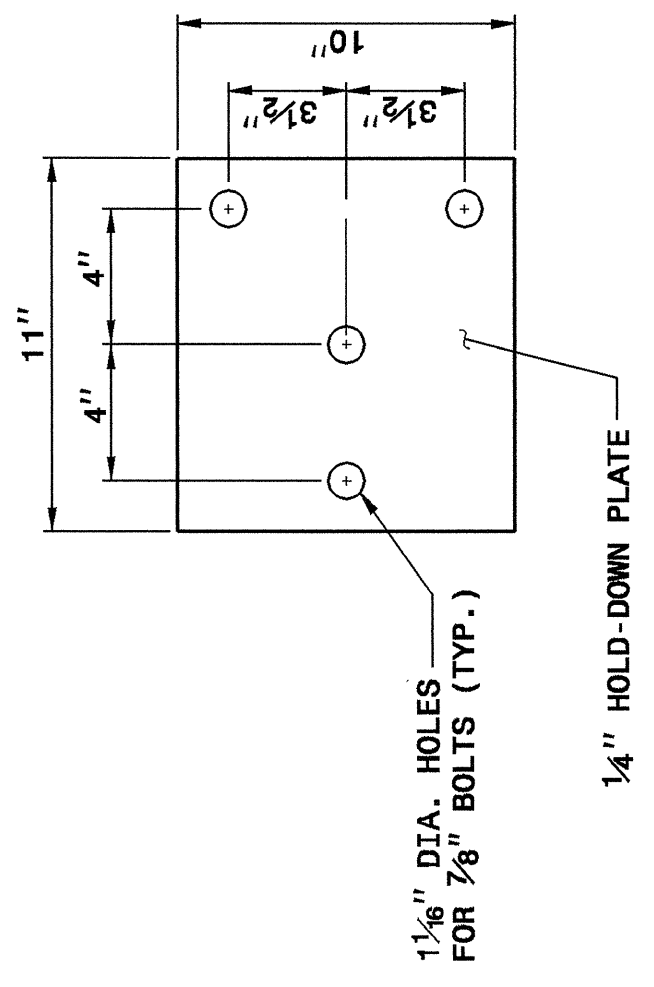
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ENGLISH DETAIL DRAWING FOR
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SHEET 6 OF 8
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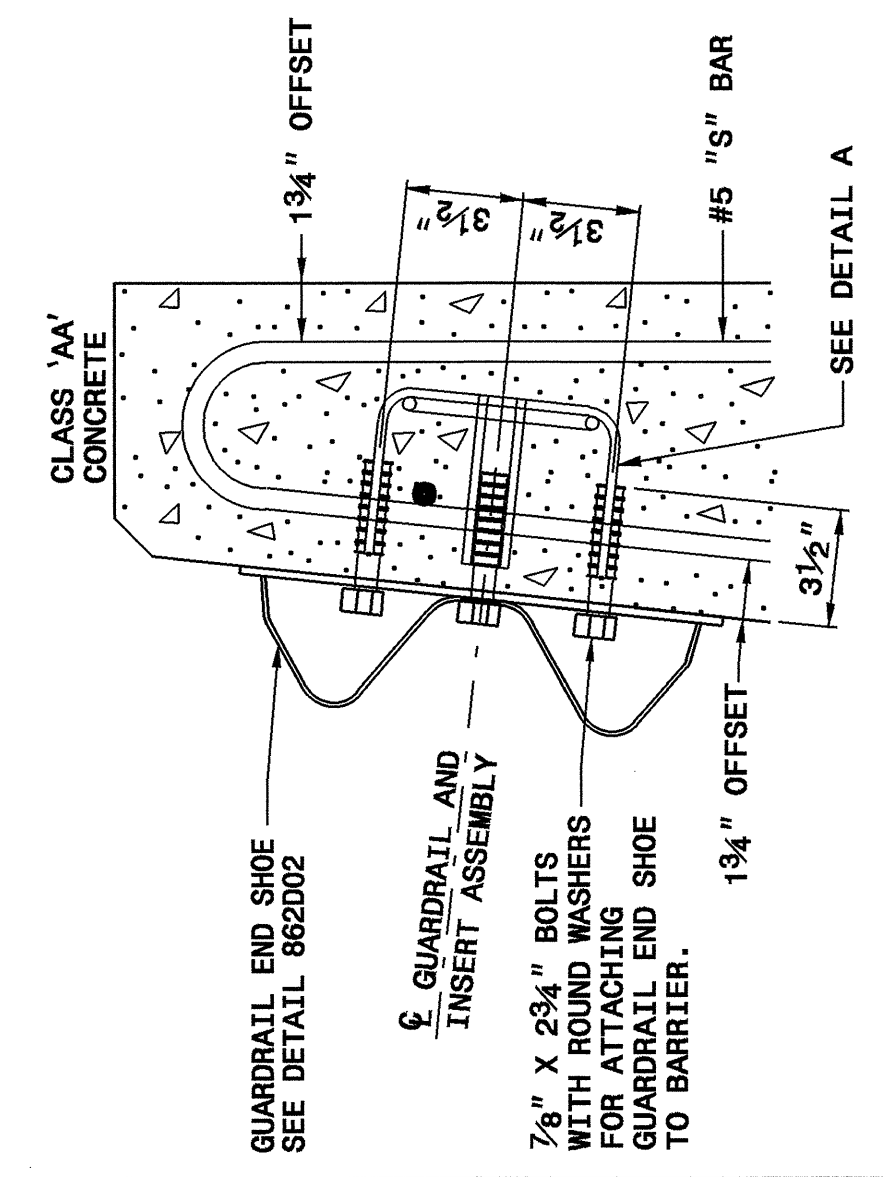


DETAIL A
4 BOLT INSERT ASSEMBLY

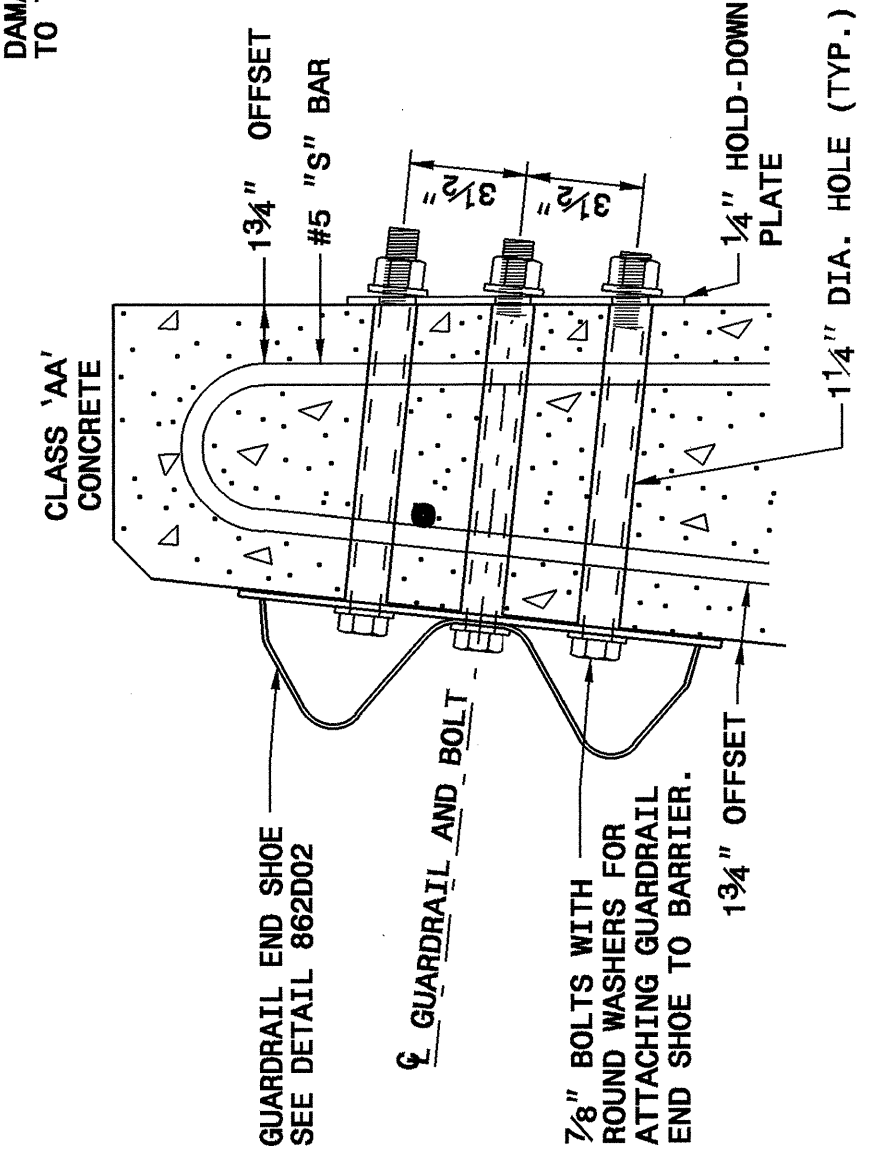


DETAIL B
4 BOLT HOLD DOWN PLATE

NOTES FOR 4 BOLT HOLD-DOWN PLATE
THE GUARDRAIL ANCHOR ASSEMBLY SHALL CONSIST OF A 1/4" HOLD-DOWN PLATE AND 4 - 7/8" DIA. BOLTS WITH NUTS AND WASHERS.
THE HOLD-DOWN PLATE SHALL CONFORM TO AASHTO M270 GRADE 36. AFTER FABRICATION, THE HOLD-DOWN PLATE SHALL BE HOT-DIP GALVANIZED IN ACCORDANCE WITH AASHTO M111.
AFTER INSTALLATION, THE EXPOSED THREAD OF THE BOLT SHALL BE BURRED WITH A SHARP POINTED TOOL.
THE 1 1/4" DIA. HOLES SHALL BE FORMED OR DRILLED WITH A CORE BIT. IMPACT TOOLS WILL NOT BE PERMITTED. ANY CONCRETE DAMAGED BY THIS WORK SHALL BE REPAIRED TO THE SATISFACTION OF THE ENGINEER.



PART SECTION OF BARRIER THRU END SHOE SECTION AND 4 BOLT INSERT ASSEMBLY



PART SECTION OF BARRIER THRU END SHOE SECTION AND 4 BOLT HOLD DOWN PLATE

DESIGN SERVICES UNIT
STANDARDS AND SPECIAL DESIGN
Office 919-250-4128 FAX 919-250-4119

SEE PLATE FOR TITLE

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NORTH CAROLINA
 PROFESSIONAL
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 022966
 ENGINEER
 JOEL S. HOWERTON
 2/15/04