

NOTE TO DESIGNER:

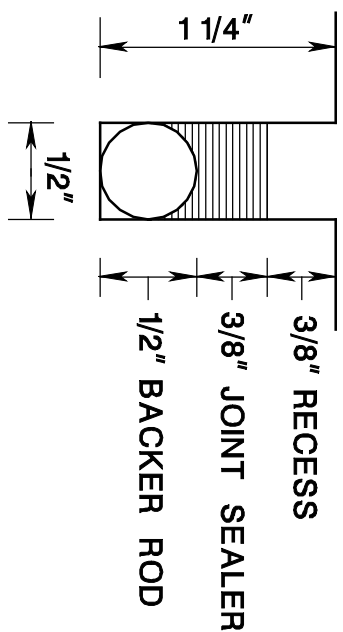
DETAILING INCLUDED WITHIN THIS DRAWING MAY BE UTILIZED IN PREPARING CONTRACT PLANS; HOWEVER, IN CONFORMANCE WITH THE PROVISIONS OF SECTION 15 OF THIS MANUAL, ALTERNATIVE DETAILING MAY BE PROVIDED.

NOTES:

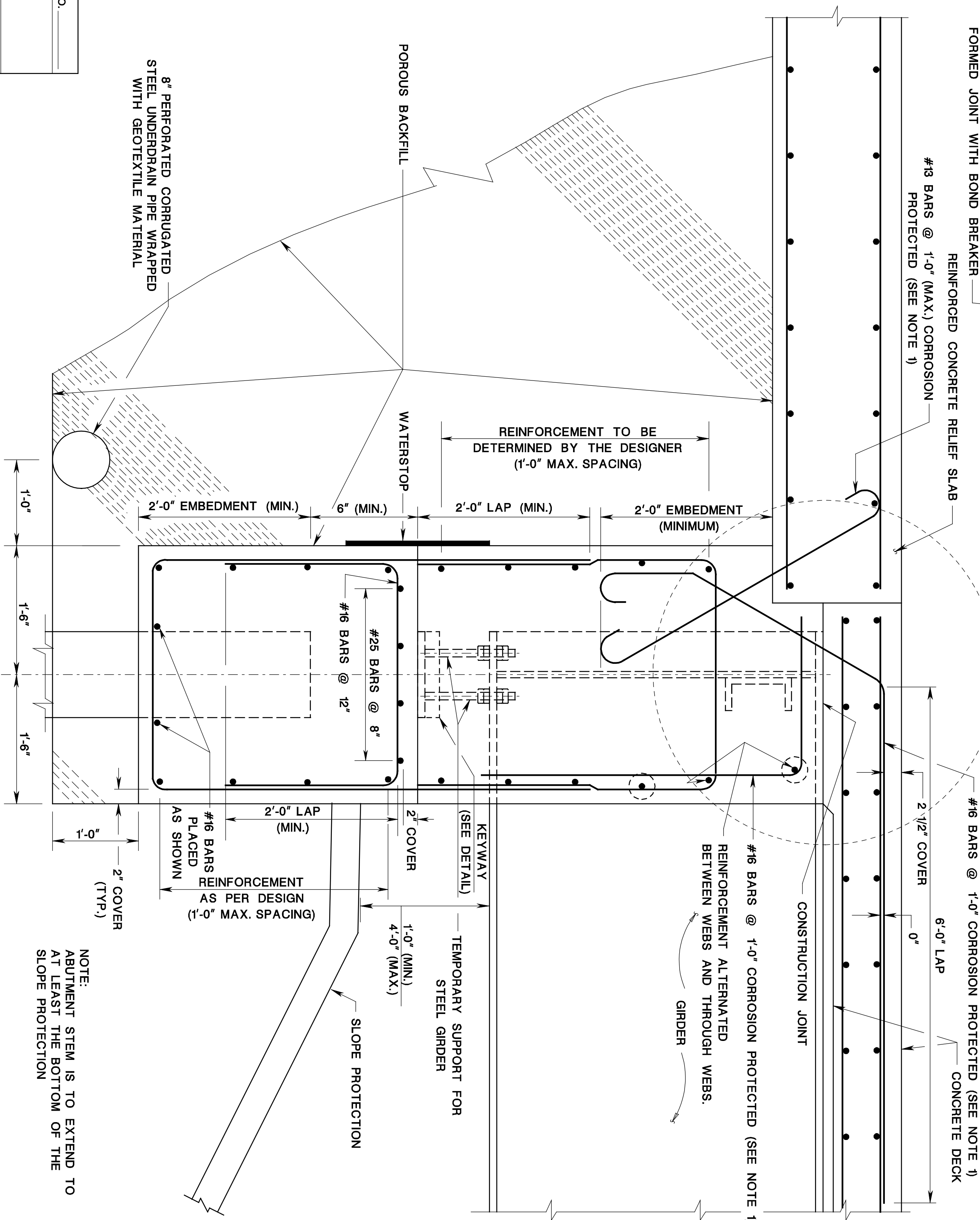
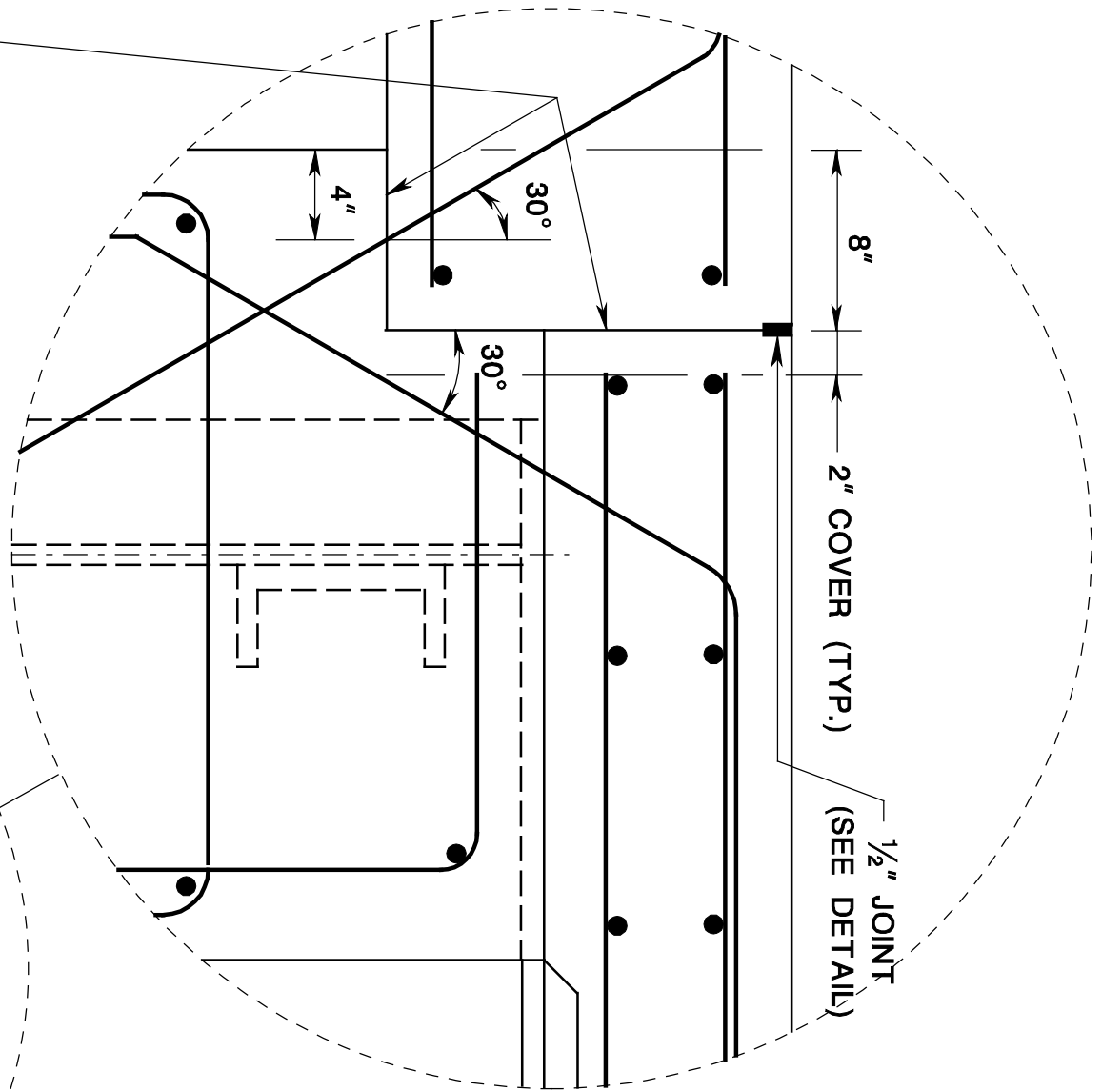
- ALL REINFORCEMENT IN THE ABUTMENT ARE TO BE CORROSION PROTECTED.
- THE ANCHOR RODS AND BASE PLATE TO BE DESIGNED TO SUPPORT THE DEAD LOAD OF THE GIRDERS, DIAPHRAGMS AND UTILITIES.

INTEGRAL ABUTMENT CONSTRUCTION PROCEDURE

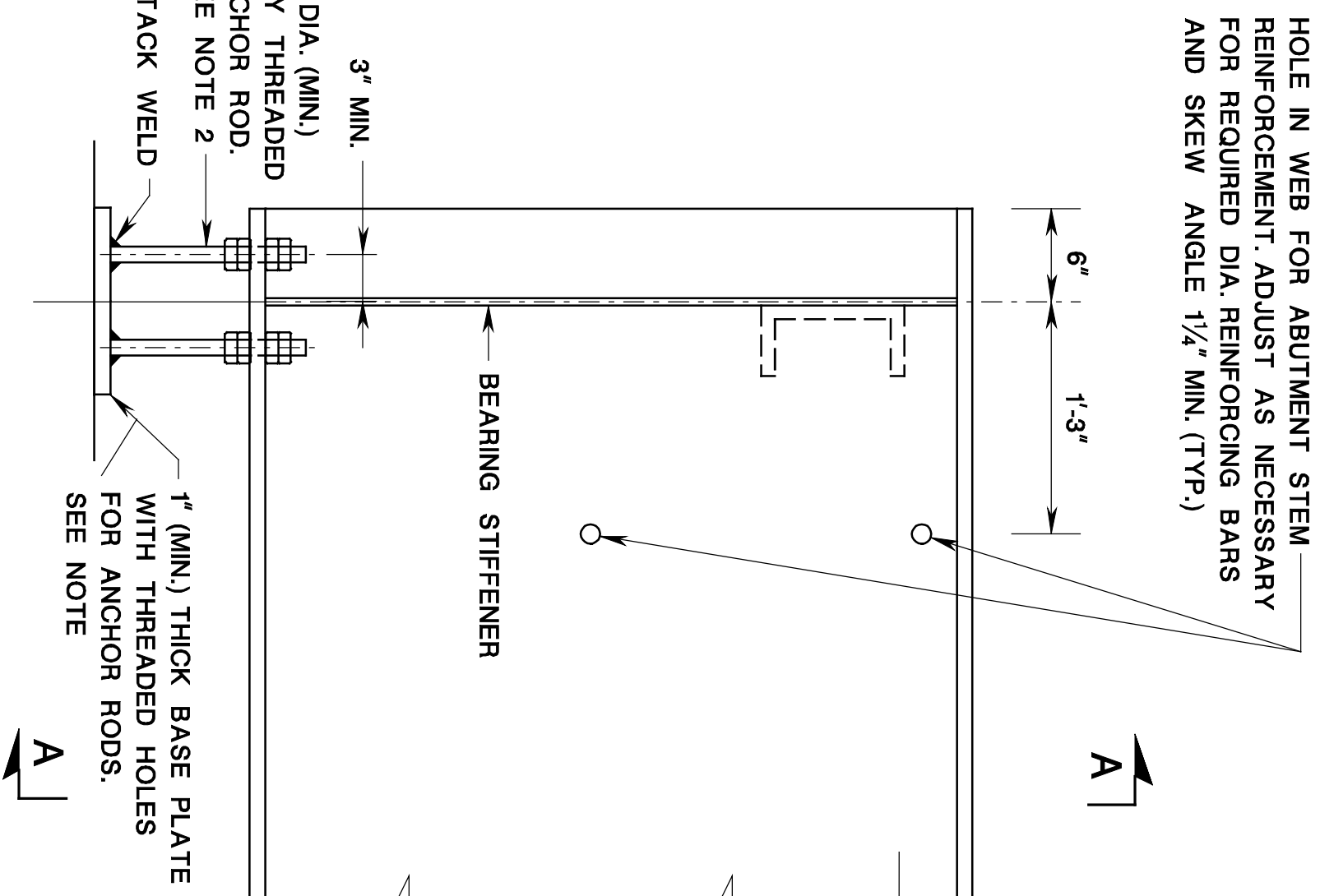
- FOR BRIDGE LENGTHS OVER 100 FT., PRE-EXCAVATE HOLES TO A DEPTH OF 8 FT. BELOW THE FINISHED GROUND LINE ELEVATION.
- DRAVE THE PILES AND CUT OFF PILES AT ELEVATIONS SHOWN.
- BACKFILL HOLES OR, IF CASINGS ARE USED, WITH DESIGNATION 1-B SAND. IF CIP PILES ARE USED, FILL THE SHELL WITH CONCRETE.
- PLACE THE ABUTMENT STEM CONCRETE TO REQUIRED BRIDGE SEAT ELEVATION.
- BACKFILL ABUTMENT STEM TO 6" BELOW THE BRIDGE SEAT ELEVATION AFTER THE ABUTMENT STEM IS CURED.
- ERECT GIRDERS AND INSTALL ALL DIAPHRAGMS.
- PLACE ABUTMENT STEM CONCRETE TO TOP OF GIRDERS.
- BACKFILL ABUTMENT BACKWALLS AFTER THE CONCRETE IS CURED.
- AFTER THE ABUTMENT CONCRETE IS CURED, POUR DECK IN PROPER SEQUENCE EXCLUDING THE BACKWALL DIAPHRAGM AND A PORTION OF THE DECK SLAB THAT IS EQUAL TO THE BACKWALL DIAPHRAGM WIDTH.
- TIGHTEN THE ANCHOR NUTS AND POUR THE BACKWALL/DIAPHRAGM FULL HEIGHT AND THE REMAINDER OF THE DECK SLAB. THE WINGWALLS MAY ALSO BE POURED CONCURRENTLY.
- PLACE CONCRETE FOR RELIEF SLABS.



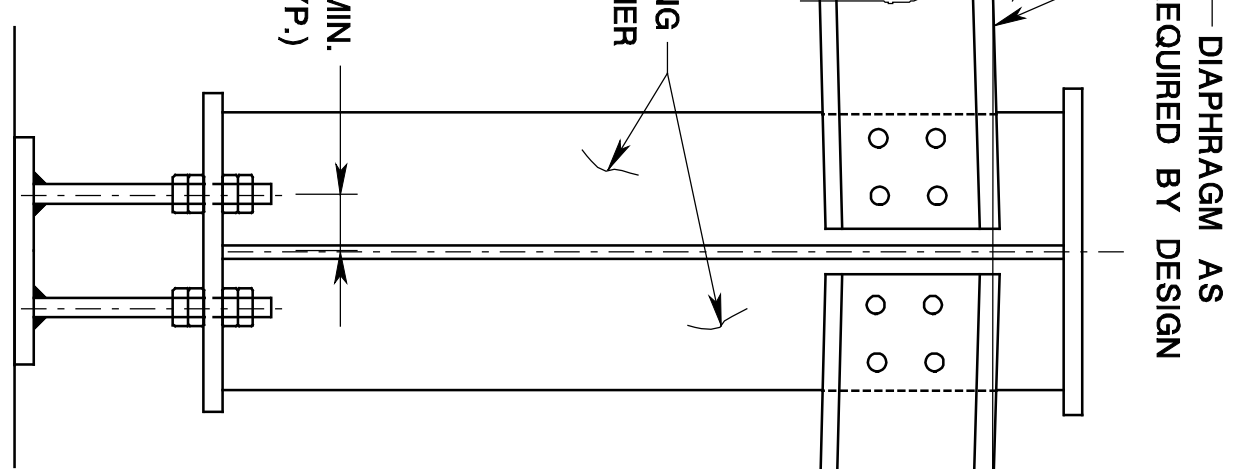
1/2" JOINT DETAIL



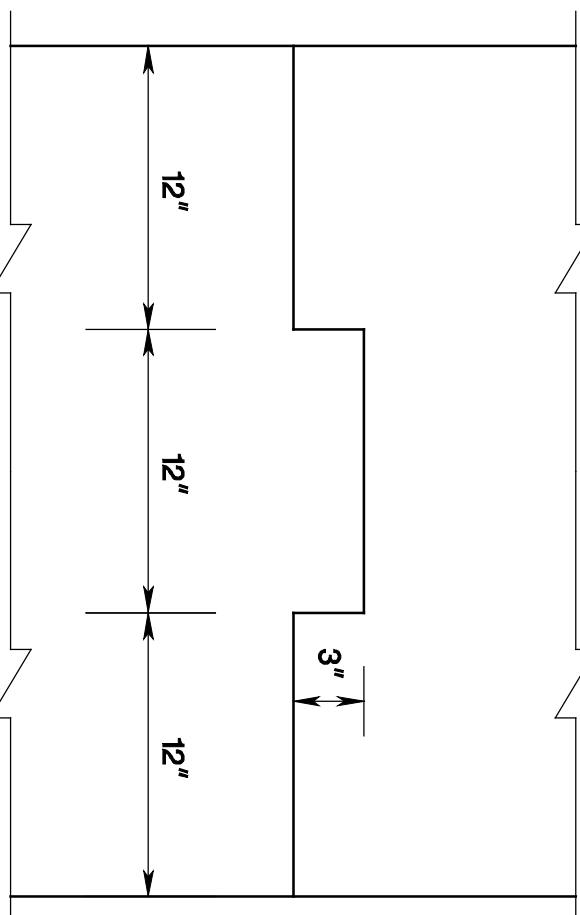
NOTE:
ABUTMENT STEM IS TO EXTEND TO AT LEAST THE BOTTOM OF THE SLOPE PROTECTION



TYPICAL INTERIOR GIRDER ELEVATION



SECTION A-A



NOTE:
KEYWAY TO STOP 4" FROM SUPPORT PLATE OR CONSTRUCTION JOINT

INTEGRAL ABUTMENT DETAIL
(STEEL GIRDER SUPERSTRUCTURE)

CONTROL SECTION	JOB NO.
DES BY	CHK BY
DWN BY	CHK BY
EST BY	CHK BY
SPECS BY	
IN CHARGE OF	