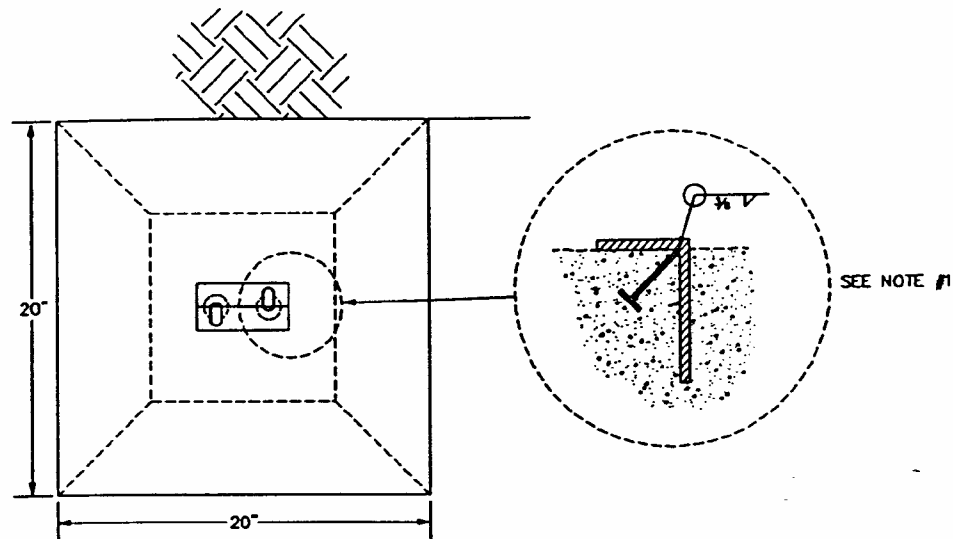
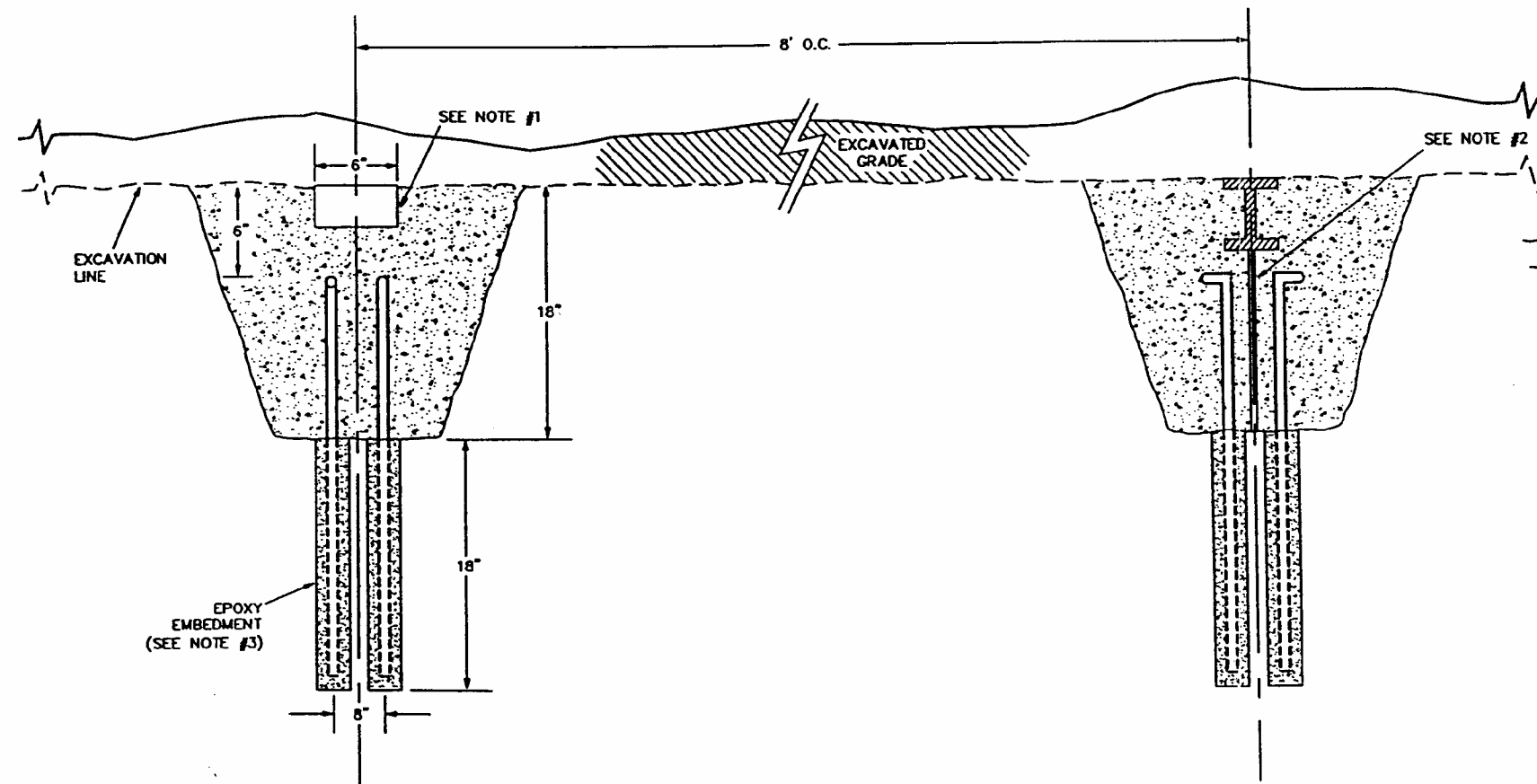


CAST IN PLACE CONCRETE FOOTING
N.T.S.

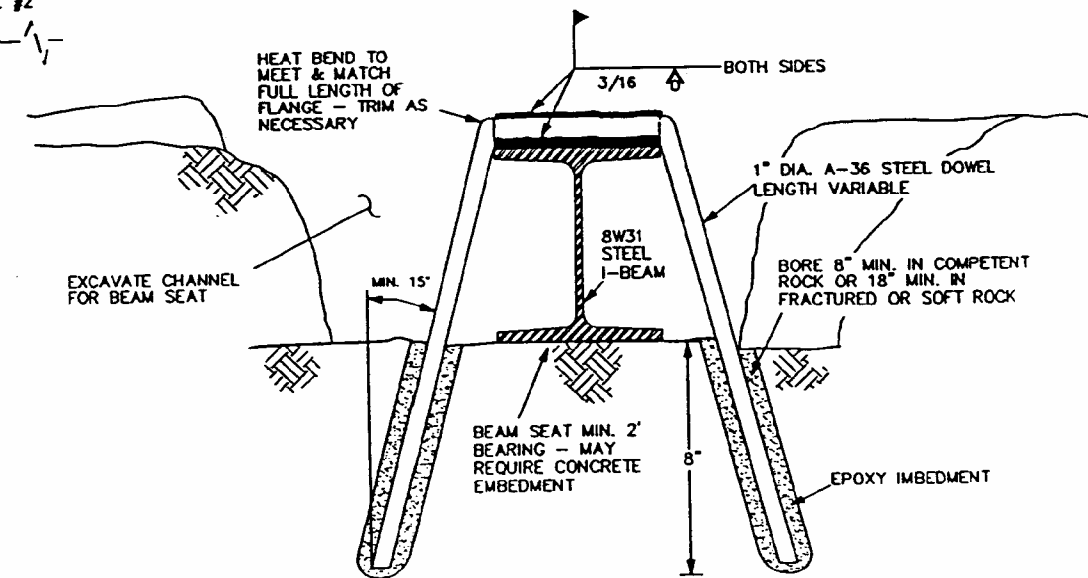


NOTES:

- 1) ANGLE STEEL TO BE IMBEDDED IN CONCRETE POUR AS WELDING BASE TO GRATING - USE L 4"x4"x3/8" - 6" IN LENGTH WITH 1/2"x2 1/2" NELSON STUD.
- 2) POD FOOTINGS REQUIRING BEARING BEAMS SHALL INCORPORATE ADDITIONAL REINFORCING STEEL PROPS TO MAINTAIN CLOSURE ELEVATIONS PRIOR TO CONCRETE EMPLACEMENT.
- 3) INDIVIDUAL SITE CONDITIONS MAY NECESSITATE DRILLING OF BOREHOLES AT AN ANGLE TO PROVIDE A MORE EFFECTIVE ANCHOR. BOREHOLE DRILLING ANGLE SHALL BE AT THE DIRECTION OF THE PROJECT MANAGER.



BEAM ANCHOR DETAIL
N.T.S.



CAUTION- THIS PROJECT REQUIRES CONSTRUCTION WORK AROUND AND OVER HAZARDOUS AND UNPROTECTED MINE SHAFTS, STOPES, ADITS AND OTHER OPENINGS WHICH MAY BE OPEN TO THE SURFACE OR HIDDEN FROM VIEW BY TRASH, DEBRIS OR THIN AND UNSTABLE LAYERS OF SURFICIAL MATERIAL. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THOROUGHLY INVESTIGATING THE SITE CONDITIONS AND SCHEDULING HIS EQUIPMENT, EQUIPMENT OPERATIONS, PERSONNEL AND SAFETY PROCEDURES TO PREVENT ACCIDENTS AND INJURIES.



RAILROAD COMMISSION OF TEXAS
JAMES E. (JIM) HUGGENT, Chairman
BARRY WILLIAMSON, Commissioner
MARY SCOTT HARRIS, Commissioner
SURFACE MINING AND RECLAMATION DIVISION
MELVIN B. BOGGLISS, P.E., Director

SCALE	NOT TO SCALE	DATE
DRAWN BY	T. WOOTTON	8/94
DESIGNED BY	S. TRUESDALE	8/94
CHECKED BY	S. WILEY	8/94
APPROVED BY	M. RHODES	8/94
REVISED BY		

BIG BEND NATIONAL PARK AML PROJECT
DRAWING TITLE
CAST IN PLACE CONCRETE FOOTING AND RE-BAR BEAM ANCHOR DETAILS

DRAWING NO. **4** REV.