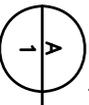


# SLOPING PIPE ANCHOR DETAIL

SCALE: NONE

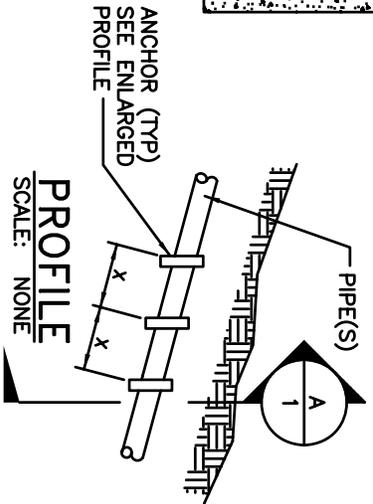
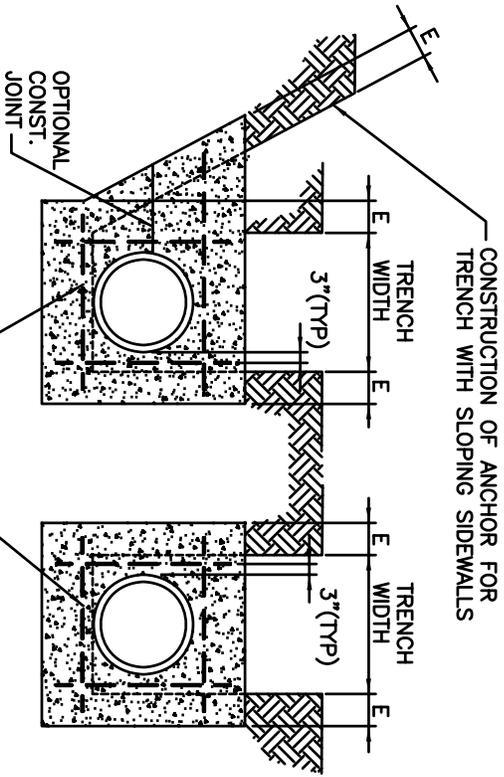
NOTES FOR DESIGNER: (DO NOT INCLUDE ON CONSTRUCTION DRAWINGS)

1. WHEN EDITING DETAIL TO SUIT PROJECT, ADD JOB SPECIFIC REQUIREMENTS AND DETLETE ONLY THOSE PORTIONS THAT DO NOT APPLY. TO SEEK A VARIANCE FROM APPLICABLE REQUIREMENTS, CONTACT THE ESM CIVIL POC.



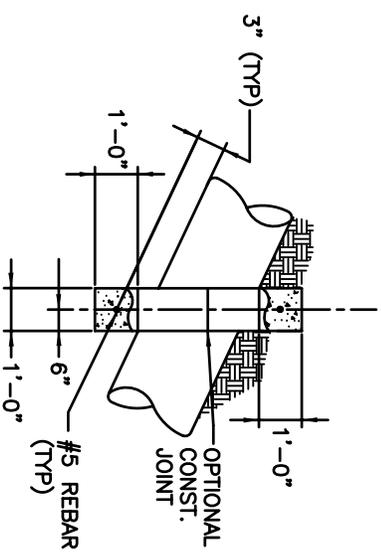
## SECTION

SCALE: NONE



## PROFILE

SCALE: NONE



## ENLARGED PROFILE

SCALE: NONE

- GENERAL NOTES:**
- PIPE ANCHORS REQUIRED ON ALL SLOPES OF 3:1 AND STEEPER.
  - MINIMUM 3" COVER FOR ALL REINFORCING
  - "E"=8 INCHES UNLESS OTHERWISE NOTED.
  - CONCRETE f'c=3000 PSI (MINIMUM).
  - POUR CONCRETE AGAINST UNDISTURBED EARTH, EXCEPT WHERE FORMED; IF FORMS CREATE VOID, BACKFILL TO 90% MAX. DENSITY
  - BACKFILL TRENCH TO 90% MAX. DENSITY TO PREVENT TRENCH EROSION.

PIPE SLOPE	"X" DISTANCE BETWEEN ANCHORS
1:1 TO 1.5:1	12'
1.5: TO 2:1	14'
2:1 TO 2.5:1	16'
2.5:1 TO 3:1	18'
3:1	20'

DRAWING DEVELOPED FOR ML-3/ML-4 PROJECTS. FOR ML-1/ML-2, ADDITIONAL REQUIREMENTS AND QA REVIEWS ARE REQUIRED. (REMOVE THIS NOTE WHEN INSERTED INTO A DRAWING PACKAGE).

<b>ENGINEERING STANDARDS PROGRAM</b> ENGINEERING STANDARDS MANUAL SLOPING PIPE ANCHOR DETAIL		SHEET NUMBER TOTAL SHEETS DATE: 6-28-02	
DRAWN BY: [Blank] CHECKED BY: [Blank] DESIGNED BY: [Blank]	PROJECT NO. & DATE: [Blank] DRAWING NO.: [Blank]	REVISIONS: [Blank]	DATE: 6-28-02
PROJECT: [Blank]		SHEET: 1 OF 1	
CHAPTER 3		ST-G3010-5	
2		2	