SLOPING PIPE ANCHOR DETAIL

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

GENERAL NOTES:
1. IF THIS SHEET IS NOT 24" X 36" USE GRAPHIC SCALE ACCORDINGLY
2. PIPE ANCHORS REQUIRED ON ALL SLOPES OF 3:1 AND STEEPER.
3. PLACE CONCRETE AGAINST UNDISTURBED EARTH, EXCEPT WHERE FORMED. IF FORMS CREATE VOID, BACKFILL TO MAX DENSITY.
4. BACKFILL TRENCH TO MAX DENSITY TO PREVENT TRENCH EROSION.

CONSTRUCTION OF ANCHOR FOR TRENCH WITH SLOPING SIDES:

PIPE SLOPE | "X" DISTANCE BETWEEN ANCHORS
---|---
1.1 TO 1.5:1 | 12"
1.8:1 TO 2:1 | 14"
2.1:1 TO 2.5:1 | 16"
2.5:1 TO 3:1 | 18"
3:1 | 20"

GENERAL NOTES:
1. GENERAL REVISION AND DWG. NO. ST3664 RP EH MS TO ENGINEERING STANDARDS DETAIL CLARIFIED. (EDITORIAL CHANGES)
2. GENERAL REVISION KT MS JG RT TO UNCLASS.
3. ADMIN CHANGES TO NEW FORMAT CAD STD REV#5. MINOR DESIGN CHANGES.

STANDARD MANAGER: TOBIN ORUCH
DISCIPLINE POC: EDWARD HOTH

ENGINEERING STANDARDS

CHAPTER 3
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