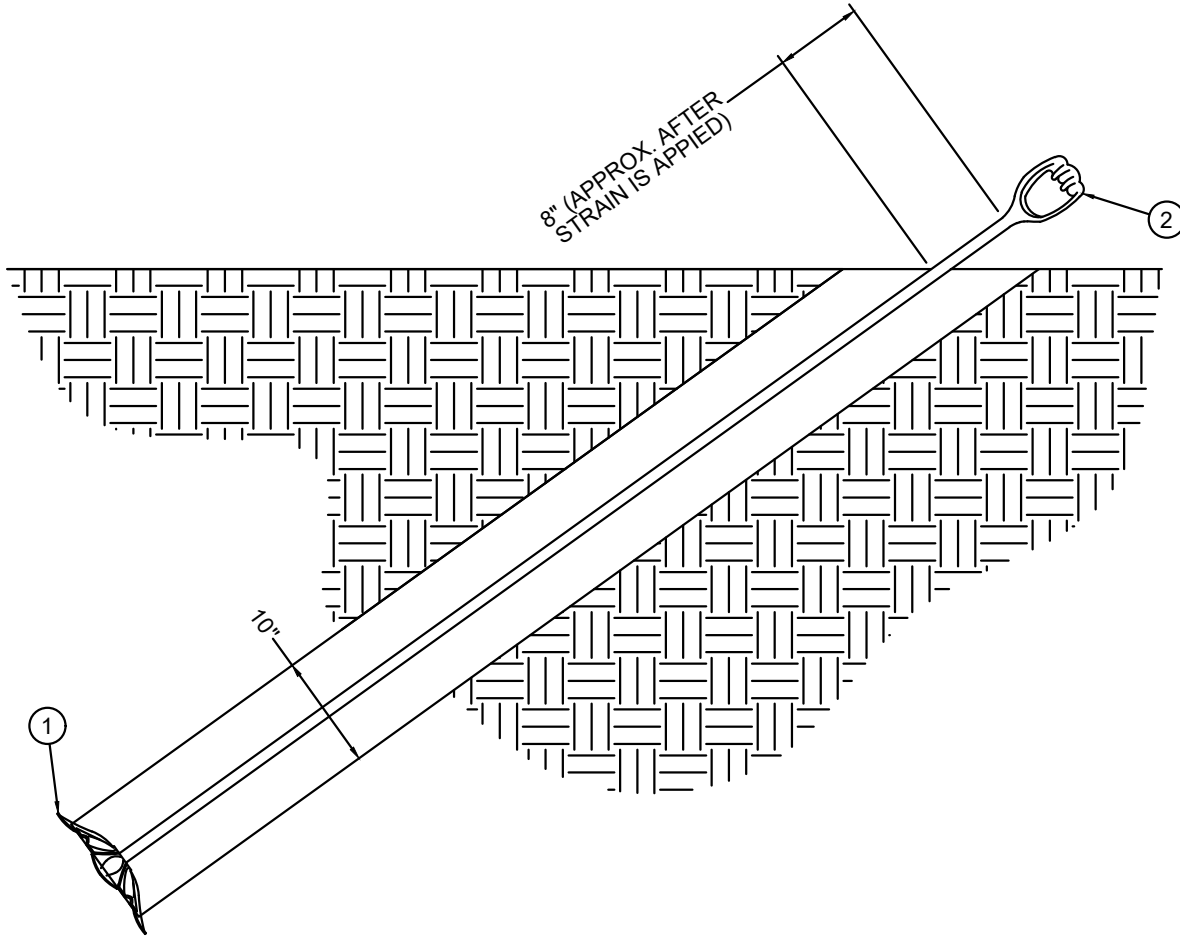


# 1169

## ANCHORING

### CONTAINS

- 1169-10 ANCHOR EXP. 10 IN WITH 3/4 IN ROD (EX.: "BUST ANCHOR")
- 1169-20 ANCHOR PLATE 24 IN WITH 1 IN ROD (EX.: "TUBCO")
- 1169-30 ANCHOR HELIX, EXTENSION, ADAPTER HEAD
- 1169-31 ANCHOR SINGLE HELIX
- 1169-32 ANCHOR DOUBLE HELIX W /EXT. & ADAPTER
- 1169-33 ANCHOR TRIPLE HELIX W /EXT. & ADAPTER
- 1169-40 ANCHOR ROCK



**NOTES:**

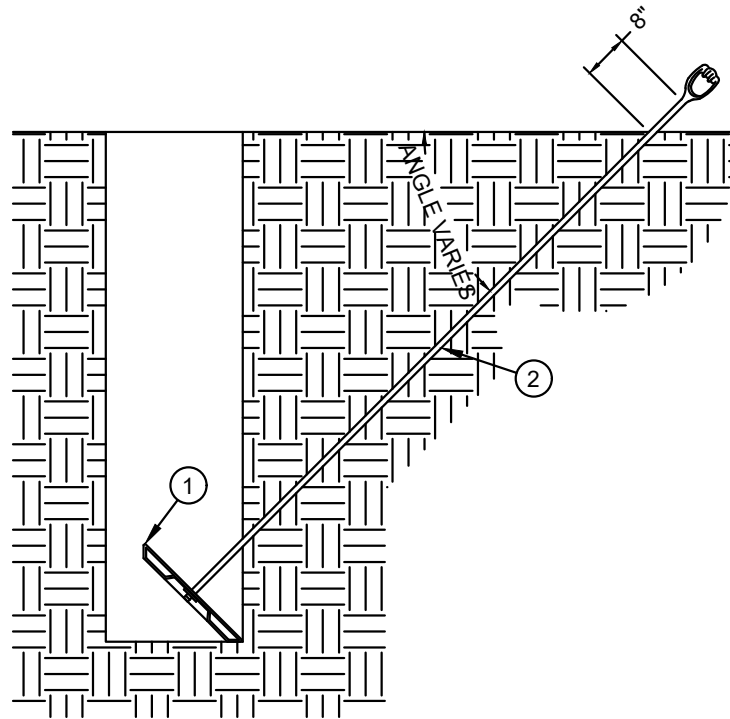
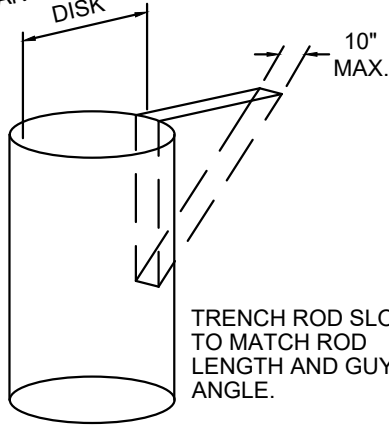
1. THE ANGLE OF THE HOLE WILL VARY WITH THE DISTANCE FROM THE POLE. THE HOLE SHALL BE DRILLED AT AN ANGLE SUCH THAT THE INSTALLED ANCHOR WILL POINT TO THE TOP OF THE POLE.
2. THE ANCHOR ROD SHALL NOT BE BENT DURING INSTALLATION.
3. DETERMINE LOCATION OF UNDERGROUND UTILITIES BEFORE DIGGING.
4. NEVER ATTACH PERSONAL PROTECTIVE GROUNDS TO GUYS OR ANCHOR RODS.
5. DIG A HOLE WITH A DIAMETER NO LARGER THAN THE UNEXPANDED ANCHOR. SIZE OF HOLE TO BE SAME AS UNEXPECTED ANCHOR.
6. INSERT ANCHOR AND ROD ASSEMBLY INTO THE HOLE. THEN POUND ON THE INNER EDGES OF THE ANCHOR PLATE UNTIL IT HAS FLATTENED OUT COMPLETELY. (PIPE, ANCHOR BUSTER, OR TAMP ARE RECOMMENDED.)
7. LENGTH AND ANGLE OF THE ANCHOR DETERMINES THE DEPTH OF THE HOLE. WHEN STRAIN IS APPLIED, THE EYE OF THE ROD SHOULD EXTEND APPROXIMATELY 8" ABOVE GROUND LEVEL TO PREVENT CORROSION OF GUY DEAD ENDS.
8. OUTER EDGES OF THE EXPANDED ANCHOR SHOULD PROTRUDE INTO UNDISTURBED SOIL.
9. COMPACT BACKFILL TO ORIGINAL CONDITION FOR PROPER INSTALLATION.
10. WHEN INSTALLING MULTIPLE ANCHORS, MAINTAIN AT LEAST 5'-0" OF SEPARATION BETWEEN ANCHORS.

CU-REF	CU-ID	CU-DESCRIPTION
11691008	ANCEXP10INW3/4INX9FTROD	ANCHOR EXP 10 IN WITH 3/4 IN X 9 FT ROD

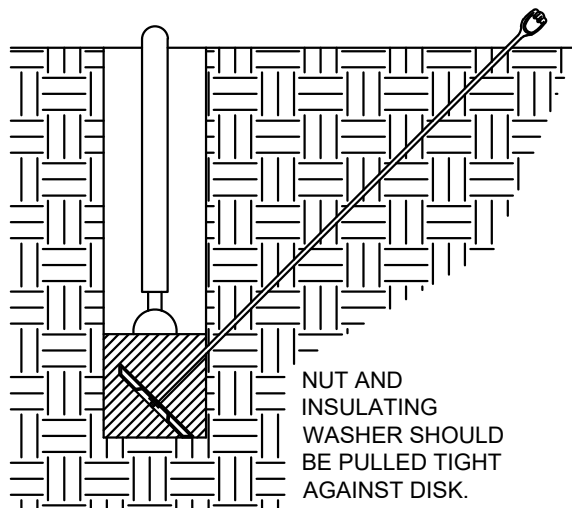
REV\_DATE:

04/01/26

NO MORE THAN 2"  
LARGER IN DIAMETER  
THAN THE ANCHOR  
DISK



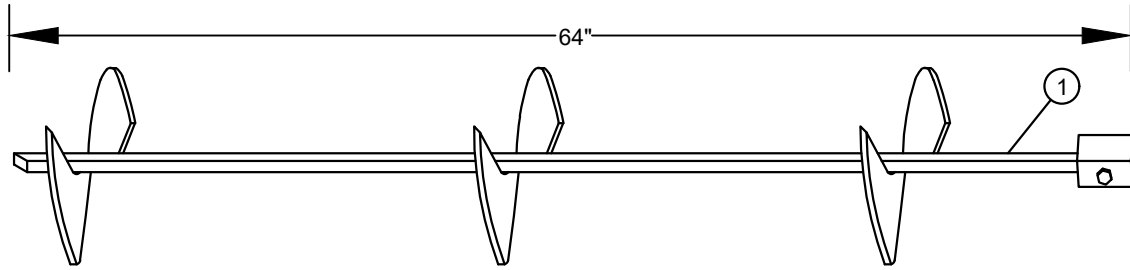
1169-20-24



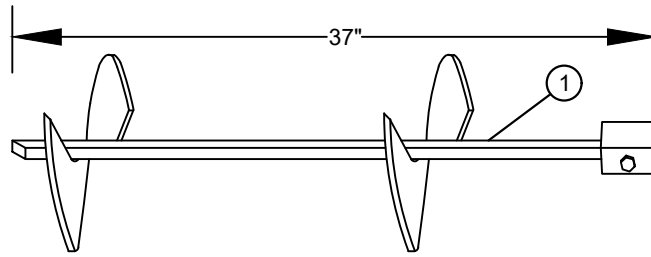
**NOTES:**

1. DRILL HOLE VERTICALLY NO MORE THAN 2" LARGER IN DIAMETER THAN THE ANCHOR DISK.
2. DIG THE TRENCH FOR ANCHOR ROD NO MORE THAN 10" WIDE. KEEP IN LINE WITH THE GUY ATTACHMENT LOCATION.
3. COVER DISK WITH EXCAVATION SPOILS UNTIL IT HAS BEEN PROPERLY INSTALLED AND ALIGNED. IF THE ROD IS BENT, THE INTEGRITY OF THE INSTALLATION WILL BE COMPROMISED.
4. COMPACT BACKFILL TO ORIGINAL CONDITION FOR PROPER INSTALLATION.

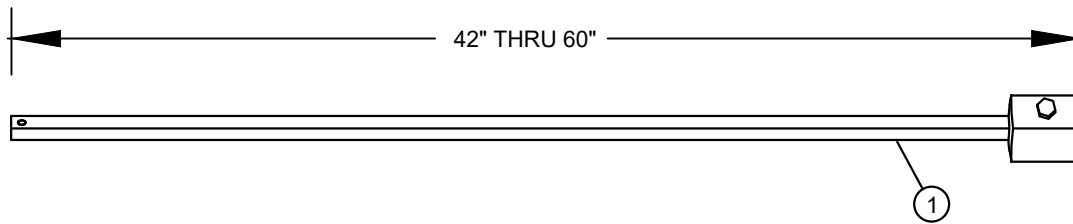
CU-REF	CU-ID	CU-DESCRIPTION
11692024	ANCPLT24INW1INX10FTROD	ANCHOR PLATE 24 IN WITH 1 IN X 10 FT ROD



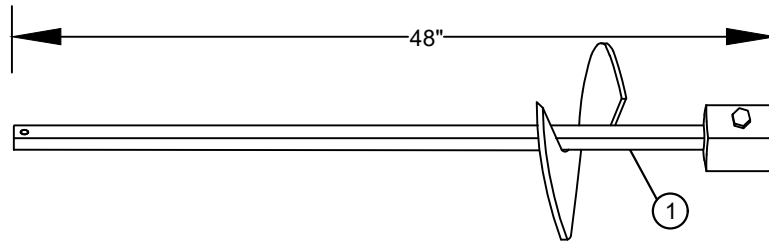
1169-30-01 ANCHOR TRIPLE HELIX 1-1/2"



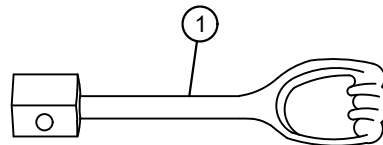
1169-30-02 ANCHOR DOUBLE HELIX 1-1/2"



1169-30-11 ANCHOR EXTENSION 1-1/2" X 42"  
1169-30-12 ANCHOR EXTENSION 1-1/2" X 60"

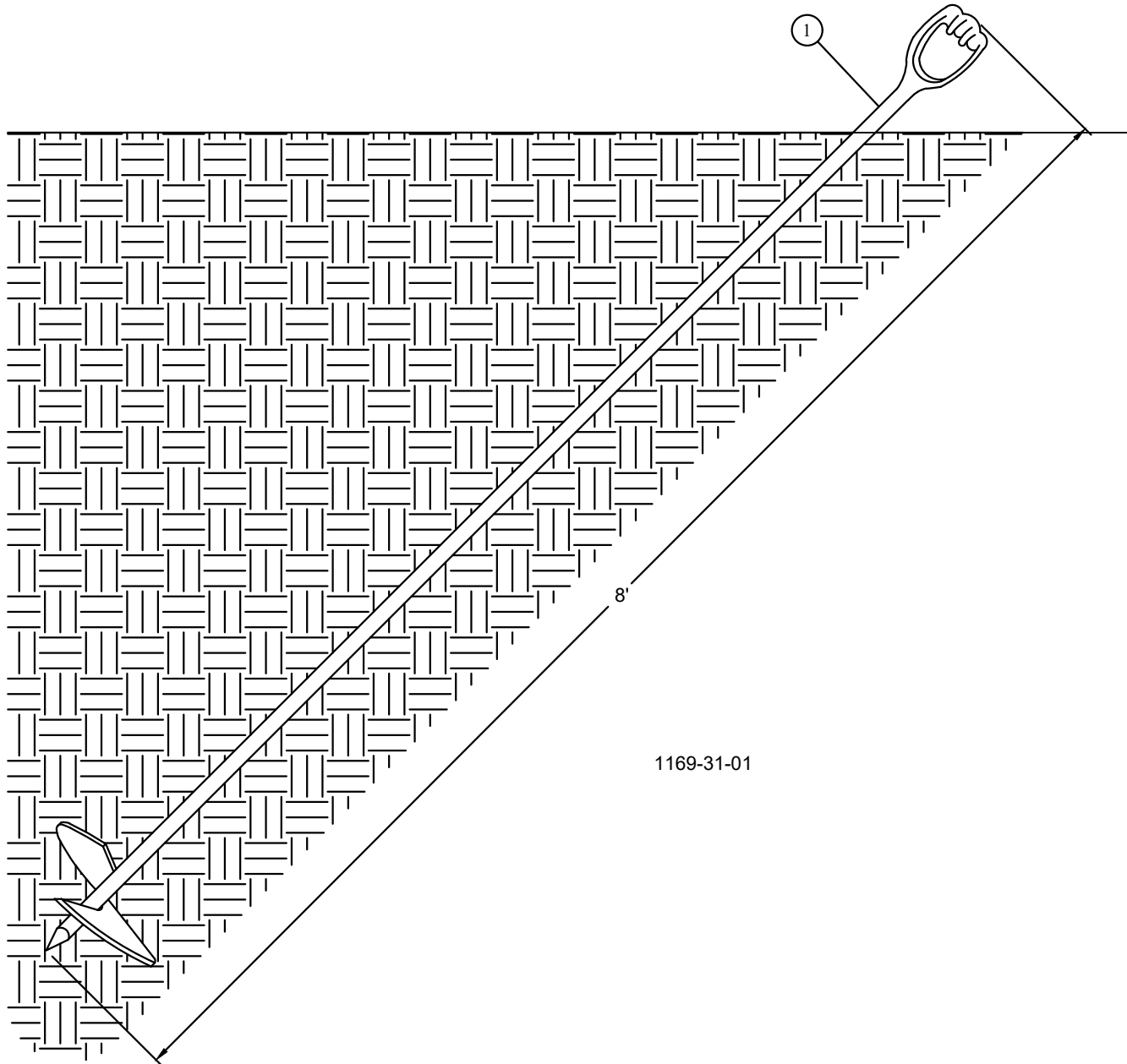


1169-30-17 ANCHOR EXTENSION SGL HELIX



1169-30-21 ADAPTER HEAD 1-1/2" X 18"

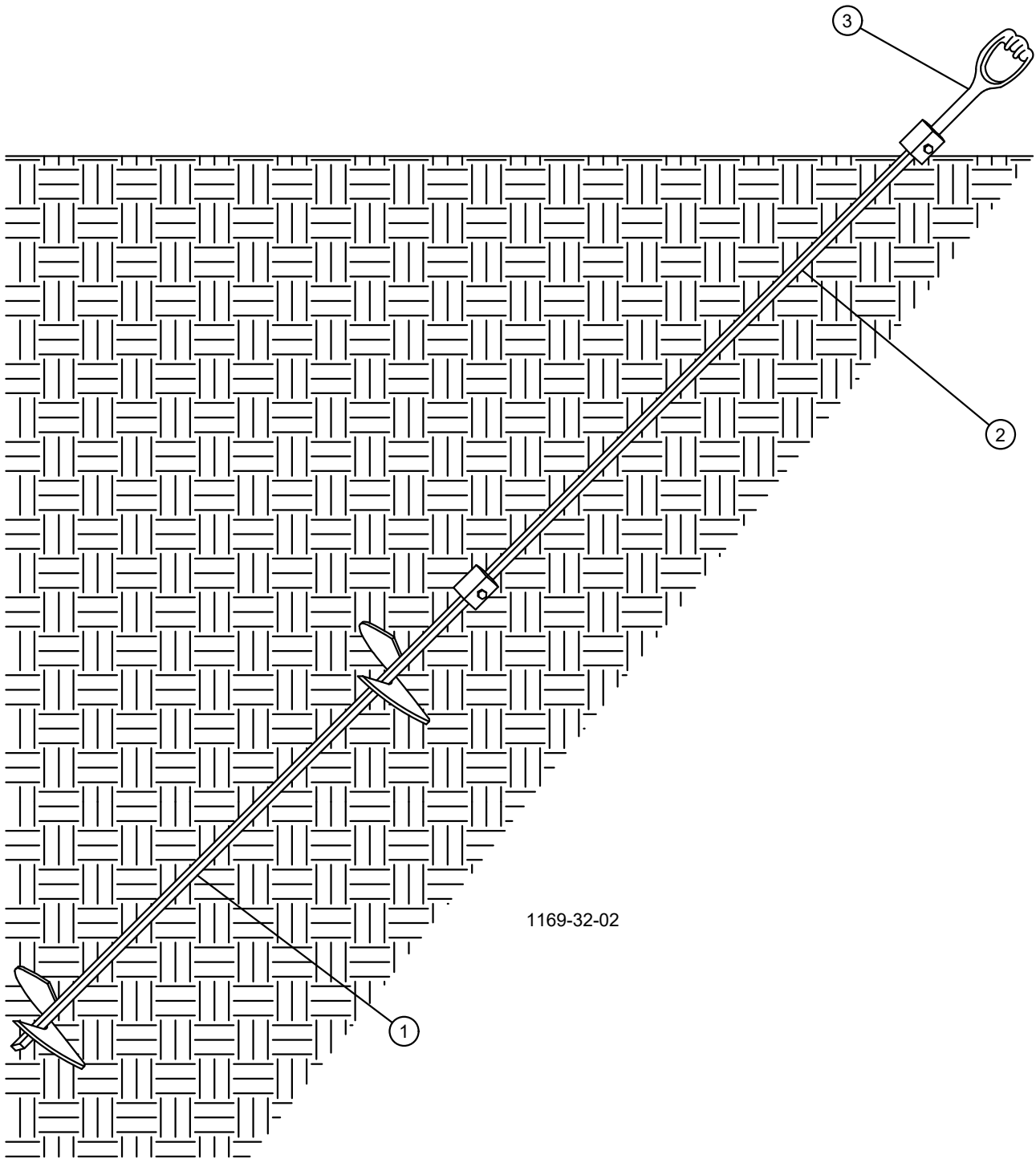
CU-REF	CU-ID	CU-DESCRIPTION
11693001	ANCTPLHELIX1-1/2IN	ANCHOR TRIPLE HELIX 1- 1/2 IN
11693002	ANCDLHELIX1-1/2IN	ANCHOR DOUBLE HELIX 1- 1/2 IN
11693011	ANCEXT1-1/2IN-3-1/2FT	HELIX EXTENSION 1- 1/2 IN X 3- 1/2 FT
11693012	ANCEXT1-1/2IN-5FT	HELIX EXTENSION 1- 1/2 IN X 5 FT
11693017	ANCEXT1-3/4IN-4FT	HELIX EXTENSION 1- 3/4IN SHAFT X 4FT
	ANCEXT1-1/2-48IN	HELIX EXTENSION 1- 1/2 IN X 48 IN
11693021	ADPTANC3EYE1-1/2IN	ADAPTOR ANCHOR 3 EYE 1- 1/2 IN



**NOTES:**

1. HELIX OR POWER-INSTALLED SCREW ANCHORS MUST ALWAYS BE INSTALLED AT ANGLE.
2. THE ENTIRE LENGTH MUST BE ALIGNED WITH THE GUY ATTACHMENT POINT ON THE POLE.
3. NEVER USE HEAD SECTION TO CORRECT THE ANGLE TO THE POLE FROM AN IMPROPERLY ALIGNED ANCHOR.

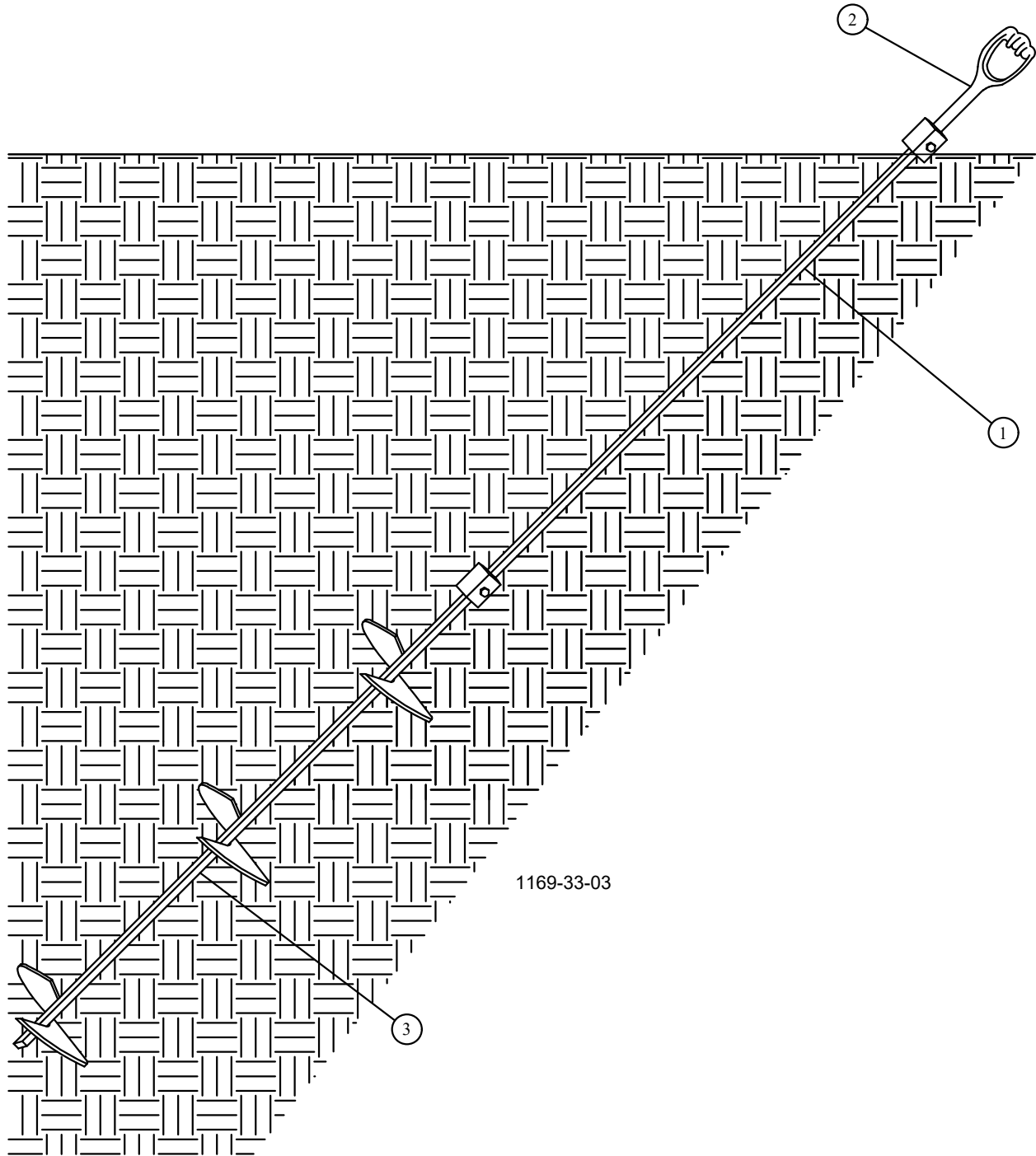
CU-REF	CU-ID	CU-DESCRIPTION
11693101	ANCSGLHELIX	ANCHOR SINGLE HELIX



**NOTES:**

1. HELIX OR POWER-INSTALLED SCREW ANCHORS MUST ALWAYS BE INSTALLED AT ANGLE.
2. THE ENTIRE LENGTH MUST BE ALIGNED WITH THE GUY ATTACHMENT POINT ON THE POLE.
3. NEVER USE THE LAST OR HEAD SECTION TO CORRECT THE ANGLE TO THE POLE FROM AN IMPROPERLY ALIGNED ANCHOR ASSEMBLY.

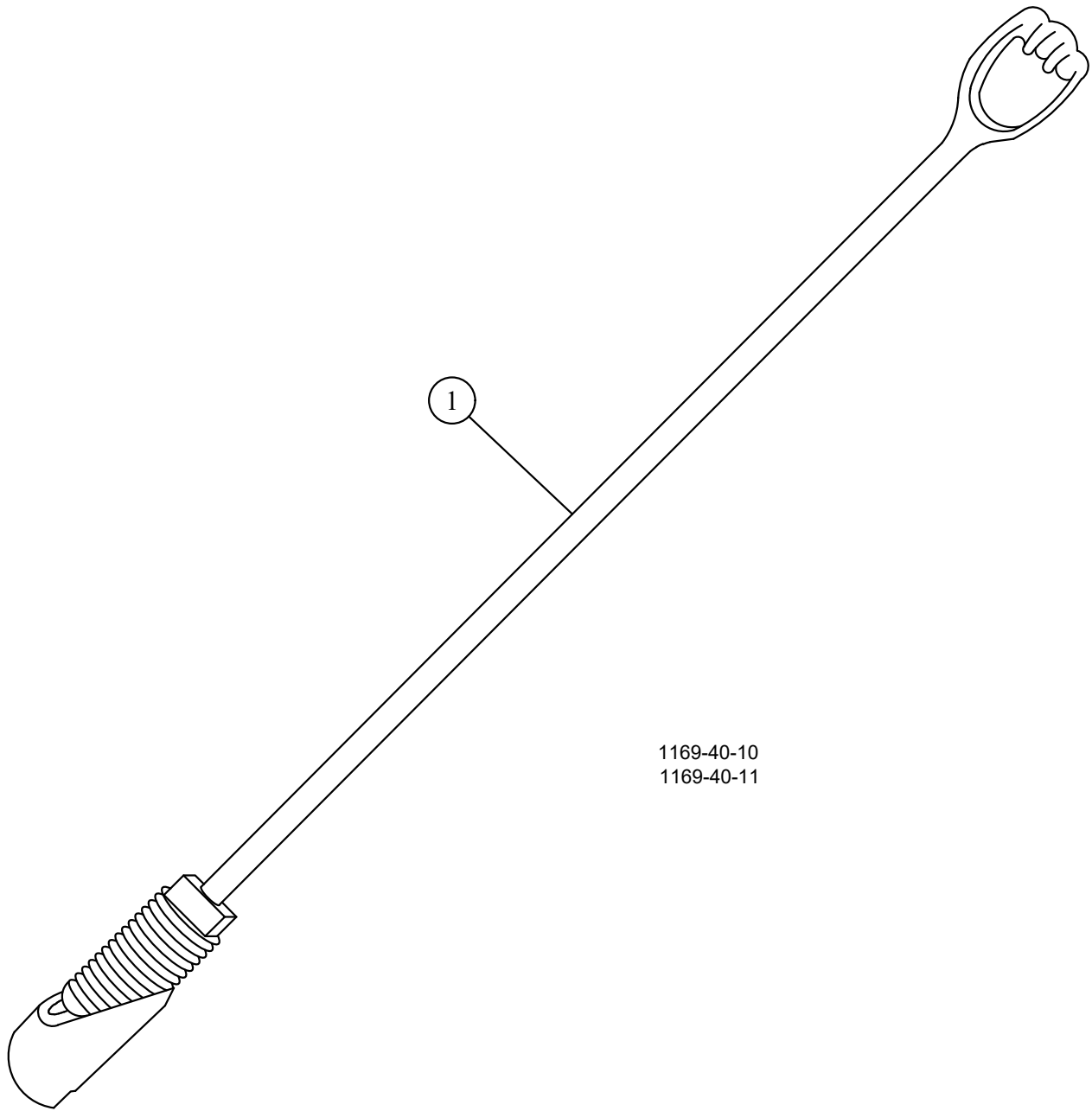
CU-REF	CU-ID	CU-DESCRIPTION
11693202	ANCDBLHELIXEXTADAPT	ANCHOR DBL HELIX WITH EXTENSION/ADAPTER



NOTES:

1. HELIX OR POWER-INSTALLED SCREW ANCHORS MUST ALWAYS BE INSTALLED AT ANGLE.
2. THE ENTIRE LENGTH MUST BE ALIGNED WITH THE GUY ATTACHMENT POINT ON THE POLE.
3. NEVER USE THE LAST OR HEAD SECTION TO CORRECT THE ANGLE TO THE POLE FROM AN IMPROPERLY ALIGNED ANCHOR ASSEMBLY.

CU-REF	CU-ID	CU-DESCRIPTION
11693303	ANCTPLHELIXEXTADAPT	ANCHOR TPL HELIX WITH EXTENSION/ADAPTER



1169-40-10  
1169-40-11

**NOTES:**

1. BORE A HOLE INTO SOLID ROCK, MAKING SURE THAT THE DIAMETER OF THE HOLE IS 1/8" LARGER THAN THE DIAMETER OF THE UNEXPANDED ANCHOR.
2. INSERT ANCHOR ASSEMBLY INTO THE HOLE.
3. PUT A BAR THROUGH THE LARGER EYE OF THE ANCHOR ROD.
4. TURN THE ROD UNTIL THE ANCHOR IS FIRMLY EXPANDED AGAINST THE SIDES OF THE HOLE.
5. FILL THE ROD HOLE TO GROUND LEVEL WITH GROUT.

CU-REF	CU-ID	CU-DESCRIPTION
11694010	ANCRK1-3/4INW3/4INX6FTROD	ANCHOR ROCK 1- 3/4 IN W/3/4IN X 72 IN ROD
11694011	ANCRK1-3/4INW3/4INX8FTROD	ANCHOR ROCK 1- 3/4 IN W/3/4IN X 96 IN ROD