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HELIX COMBINATION	SOIL ANCHOR HOLDING STRENGTH (LBS.) VS. SOIL CLASS					
	CLASS 7	CLASS 6	CLASS 5	CLASS 4	CLASS 3	CLASS 2
8"-10"-12"	26,000	32,000	39,000	46,000	51,000	58,000

NOTES:
1. TRIPLE EYE GUY ADAPTER INCLUDED WITH ANCHOR ASSEMBLY.
2. CONTINUE TO DRIVE THE ANCHOR AND ADD EXTENSIONS UNTIL THE DESIRED TORQUE IS REACHED AND MAINTAINED FOR A MINIMUM OF THREE FEET OR THREE TIMES THE DIAMETER OF THE LARGEST HELIX.
3. A MINIMAL INSTALLATION OF THREE TIMES THE DIAMETER OF THE LARGEST HELIX (BELOW THE FREEZE/ THAW LINE) IS REQUIRED.
4. MINIMUM INSTALL TORQUE IS 3,500 FT-LBS.
5. MAXIMUM INSTALLATION TORQUE IS 5,500 FT-LBS OR 1.5 TWISTS.
6. TYPICAL WORKING TORQUE IS 5,500 FT. LBS. FOR 1 1/2" SQUARE SHAFT ANCHORS.

TA-3H LIST OF MATERIALS					
ID	QTY	REF#	MATERIAL DESCRIPTION	VENDOR	PART NO.
-	-	A101	ANCHOR, EXTENSION, 1-1/2" SQ. SHAFT 5'-0"	HUBBEL L	12656
-	1	A102	ANCHOR, EXTENSION, 1-1/2" SQ. SHAFT 7'-0"	HUBBEL L	12657
-	1	A210	ANCHOR, 1 1/2" SQ. SHAFT, 8", 10" AND 12" HELIX W/ TRIPLEYE ADAPTER	MACLEAN	D6636TU

NOTES:
1. UTILIZE 96" GUY STRAIN INSULATOR ON CROSSARM GUYS AS SHOWN IN LIST OF MATERIALS.
2. UTILIZE 168" GUY STRAIN INSULATOR ON STATIC GUYS (HUGHES CF695-168).

TG-22A-GSI LIST OF MATERIALS					
ID	QTY	REF#	MATERIAL DESCRIPTION	VENDOR	PART NO.
-	1	H601	ANCHOR, SHACKLE, 3-1/2" LONG, 7/8" DIA., 60K LBS	MACLEAN	ASH-67-B C
-	4	G611	GUY, GRIP, BIG-GRIP DEADEND, 5/8" EHS	PREFORMED	BC-2111
-	1	G701	THIMBLE CLEVIS, 40K	MACLEAN	CT-100H
-	1	G210	GUY, STRAIN INSULATOR, 96" LONG, 35K LBS, ROLLER, ROLLER	HUGHES	CF696-96 R2
-	100	C815	WIRE, GALVANIZED, 7 STEEL STRAND, 5/8" EHS	MITCHELL	-

NOTES:
1. UTILIZE 96" GUY STRAIN INSULATOR ON CROSSARM GUYS AS SHOWN IN LIST OF MATERIALS.
2. UTILIZE 168" GUY STRAIN INSULATOR ON STATIC GUYS (HUGHES CF695-168).

SHEET TITLE

POWER INSTALLED SCREW ANCHORS

REFERENCE SHEET
1 OF 1
EXHIBIT NUMBER
TA-3H

SHEET TITLE

GUY ASSEMBLIES WITH GUY GRIPS
GUY STRAIN INSULATORS

REFERENCE SHEET
1 OF 1
EXHIBIT NUMBER
TG-22A-GSI

TM-GM LIST OF MATERIALS					
ID	QTY	REF#	MATERIAL DESCRIPTION	VENDOR	PART NO.
-	1	G400	GUY, GUARD, 2" X 8'-0", FULL ROUND, YELLOW	R&M PLASTICS	RMYGG-AC-8N HA

SHEET TITLE

GUY MARKER

REFERENCE SHEET
1 OF 1
EXHIBIT NUMBER
TM-GM

0	6/8/22	ISSUE FOR CONSTRUCTION
ISSUE	DATE	DESCRIPTION

PROJECT MANAGER Trevor Hauck	
PROJECT NUMBER	10333743

EAST SUBSTATION CABLE REPLACEMENT
OVERHEAD ASSEMBLY DETAILS

FILENAME	SURF_E-107
SCALE	NTS

SHEET
E107