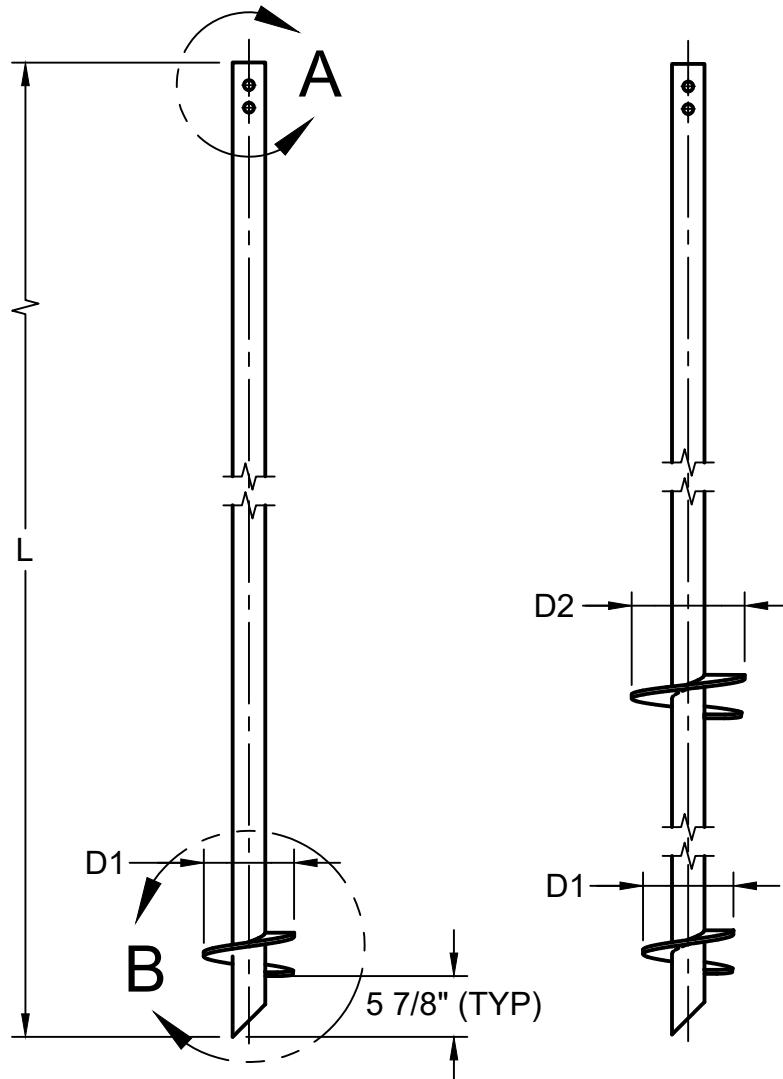


MAXIMUM TORQUE NOT TO EXCEED 8,000 ft-lbs

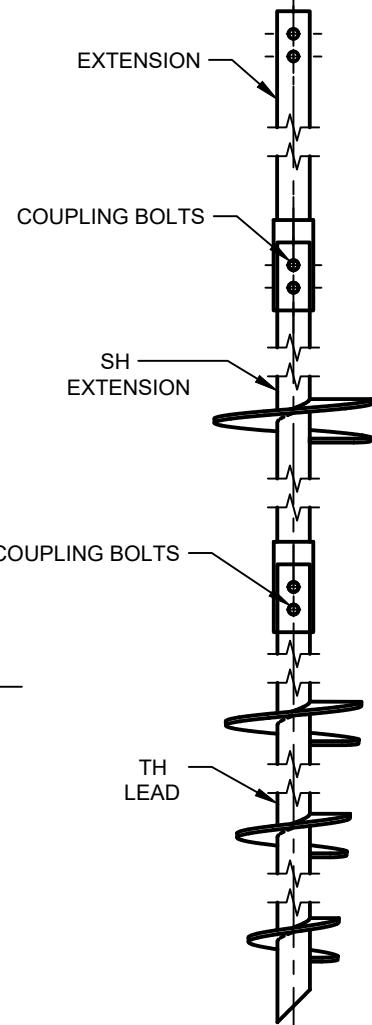
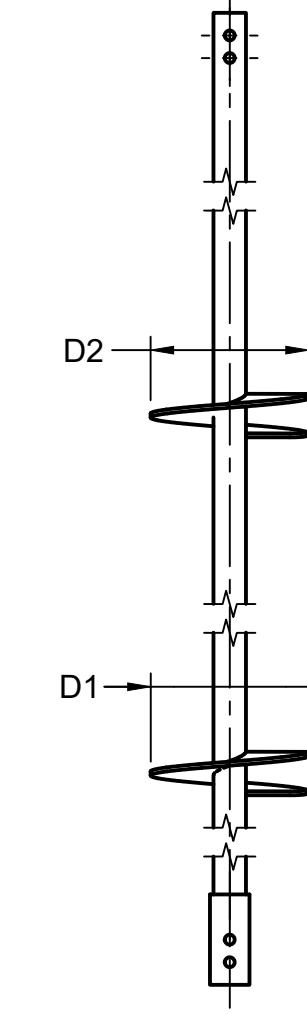
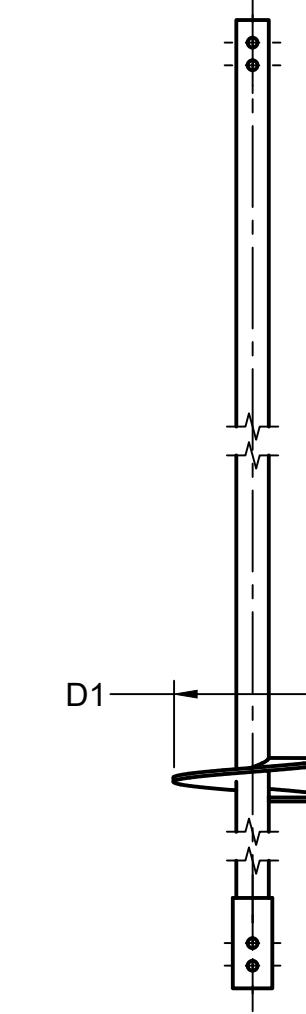
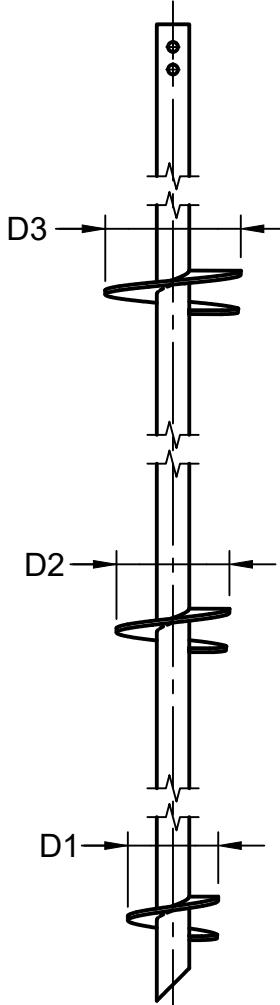
ULTIMATE CAPACITY OF 72 KIPS BASED ON CAPACITY TO
TORQUE RATIO OF $K_t = 9 \text{ ft}^{\wedge}1$



SINGLE HELIX (SH) LEAD
EX: (278203SH[L][D1]X[T]G)

DOUBLE HELIX (DH) LEAD
EX: (278203DH[L][D1,D2]X[T]G)

TRIPLE HELIX (TH) LEAD
EX: (278203DH[L][D1,D2,D3]X[T]G)



TYPICAL PILE
ASSEMBLY

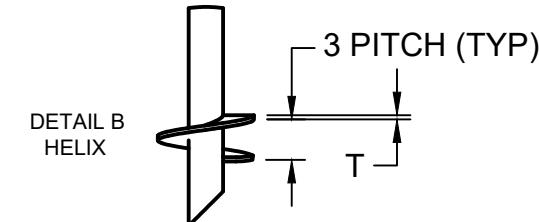
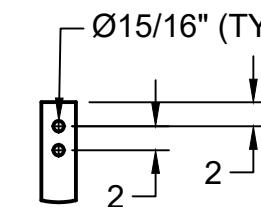
NOTES:

- PILE SHAFT TO MEET OR EXCEED REQUIREMENTS OF ASTM A500 80KSI
- PALTE STEEL TO MEET OR EXCEED REQUIREMENTS OF CSA G40.21-13 GRADES 44W/50W AND ASTM A36-19
- ALL HELICES ARE FORMED BY PRESS DIE
- HELIX SPACING IS EQUAL TO (3) TIMES THE DIAMETER OF THE LOWER HELIX
- STANDARD HELIX DIAMETERS INCLUDE 8", 10", 12", & 14". STANDARD IS 1/2" THICKNESS.
- ALL WELDING TO BE PERFORMED BY CERTIFIED WELDER IN ACCORDANCE WITH CWB W59-18
- HOT DIP GALVANIZING AS PER CAN/CSA G 164 or ASTM 123
- (2) 3/4" DIAMETER X 4 1/2" LONG HEAVY HEX BOLTS AND 3/4" HEAVY HEX NUT

NORTEK SKU # ABBREVIATIONS

278 = SHAFT DIAMETER
203 = SHAFT WALL THICKNESS
L = SHAFT LENGTH IN FT
EXT = EXTENSION
FE = FLIGHTED EXTENSION
D = DIAMETER OF HELIX (EX. 12" = 12)
SH = SINGLE HELIX
DH = DOUBLE HELIX
TH= TRIPLE HELIX
X = SEPARATES HELIX DIAMETERS AND THICKNESSES
[T] = HELIX THICKNESS
G = GALVANIZED

DETAIL A
BOLT HOLES



2 7/8" X 0.203" W.T HELICAL LEADS & EXTENSIONS



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CHECKED	C.D	2024-01-31	
DRAWN	K.D	2024-01-14	
DWG NO	1		

SHEET 1 OF 1

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REV 01