

SINGLE HELIX (SH) LEAD  
EX: (312250SH[L][D1]X[T]G)

DOUBLE HELIX (DH) LEAD  
EX: (312250DH[L][D1,D2]G)

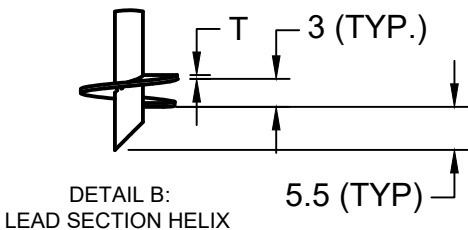
TRIPLE HELIX (TH) LEAD  
EX: (312250DH[L][D1,D2,D3]G)

EXTENSION  
EX: (312250EXT[L]G)

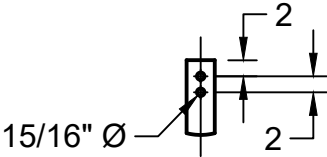
SINGLE HELIX (SH) EXTENSION  
EX: (312250FESH[L][D1]G)

DOUBLE HELIX (DH) EXTENSION  
EX: (ES312250FESH[L][D1,D2]G)

TYPICAL PILE ASSEMBLY



DETAIL B:  
LEAD SECTION HELIX



DETAIL A: BOLT HOLES

CCMC REFERENCE #: 14791-R

3.5" x 0.250" W.T HELICAL LEADS & EXTENSIONS



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DWG NO	1		

SHEET 1 OF 1

UNITS IN INCHES U.N.O

REV 01

MAXIMUM TORQUE NOT TO EXCEED 10,000 FT-LBS

ULTIMATE CAPACITY OF 84 KIPS BASED ON A CAPACITY TO TORQUE RATIO OF 8.4 T<sup>-1</sup>

NOTES:

- PILE SHAFT TO MEET OR EXCEED REQUIREMENTS OF ASTM A500 GRADE B&C
- 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 12", 14", & 16". 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 5 1/2" LONG HEAVY HEX BOLTS AND 3/4" HEAVY HEX NUT

NORTEK SKU # ABBREVIATIONS

312 = SHAFT DIAMETER  
250 = SHAFT WALL THICKNESS  
[L]= SHAFT LENGTH IN FT  
T = HELIX THICKNESS  
EXT = EXTENSION  
FE = FLIGHTED EXTENSION  
[D] = DIAMETER OF HELIX IN INCHES  
SH = SINGLE HELIX  
DH = DOUBLE HELIX  
TH= TRIPLE HELIX  
G = GALVANIZED