DRAWING INDEX			
DRAWING No.	DRAWING TITLE	REV.	ISSUE DATE
STD DRAWING-SW-200	COVER SHEET	0	07 OCT 26
	STANDARD DRAWINGS		
STD DRAWING-SW-210	TYPICAL FOUNDATION DETAILS - FLANGE MOUNTED POST	0	07 OCT 26
STD DRAWING-SW-220	TYPICAL FOUNDATION DETAILS - DIRECT BURY POST	0	07 OCT 26
STD DRAWING-SW-230	TYPICAL ANCHOR ROD DETAILS FOR GROUND MOUNTED POSTS	0	07 OCT 26

MEMTECH ACOUSTICS - STANDARD DRAWING

FOUNDATION DETAILS

Memtech Acoustics

TUF-BARRIER® / SILENT PROTECTOR®
SOUND WALL

TUF BARRIER and SILENT PROTECTOR panels are manufactured in accordance with
ASTM F3459 - Standard Specification for Rigid Poly Vinyl Chloride (PVC) Exterior Profiles Used for Sound Walls.

REV NO.	DATE	BY	DESCRIPTION
0	07 OCT 26	-	ISSUED AS STANDARD

Memtech Acoustics

248.289.1123
memtechacoustics.com

MEMTECH ACOUSTICS - STANDARD DRAWING
FOUNDATION DETAILS
COVER SHEET

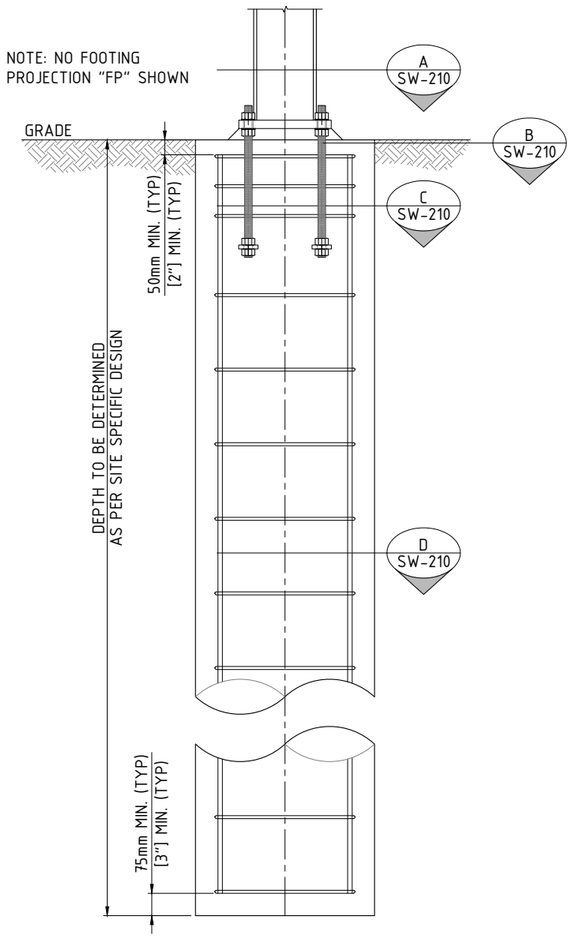
DESIGNED	-	-
DES. CHK	-	-
DRAWN BY	-	-
DWG. CHK	-	-

BRANCH P.O.: -
CUSTOMER REF.: -
PROJECT NUMBER: STD DRAWING
DWG NO.: SW-200
REV.: 0

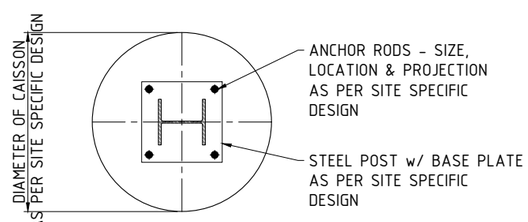
248.289.1123 | SALES@MEMTECHACOUSTICS.COM | MEMTECHACOUSTICS.COM
2175 Avon Industrial Dr., Rochester Hills, MI 48309

Drawings and product details are for information and/or illustrative purposes only, and may vary.
Please contact your local Memtech representative for the most current product information.

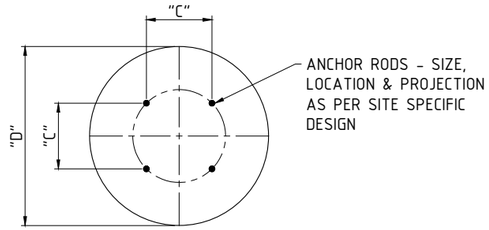
NOTES:
1. DIMENSIONS ARE IN MILLIMETRES [INCHES]



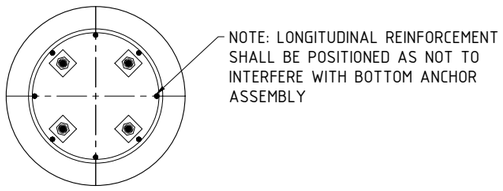
1 SW-210 FLANGE MOUNTED FOUNDATION DETAIL
SCALE: NTS



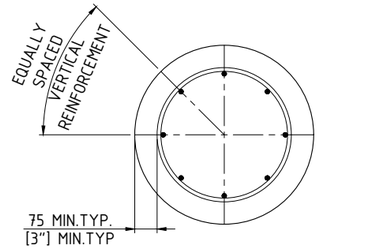
A SW-210 FOUNDATION DETAIL
SCALE: NTS



B SW-210 FOUNDATION DETAIL
SCALE: NTS



C SW-210 FOUNDATION DETAIL
SCALE: NTS



D SW-210 FOUNDATION DETAIL
SCALE: NTS

REV NO.	DATE	BY	DESCRIPTION
0	07 OCT 26	-	ISSUED AS STANDARD

Memtech Acoustics

248.289.1123
memtechacoustics.com

MEMTECH ACOUSTICS - STANDARD DRAWING
FOUNDATION DETAILS
TYPICAL FOUNDATION DETAILS - FLANGE MOUNTED POST

DESIGNED	-	-
DES. CHK	-	-
DRAWN BY	-	-
DWG. CHK	-	-

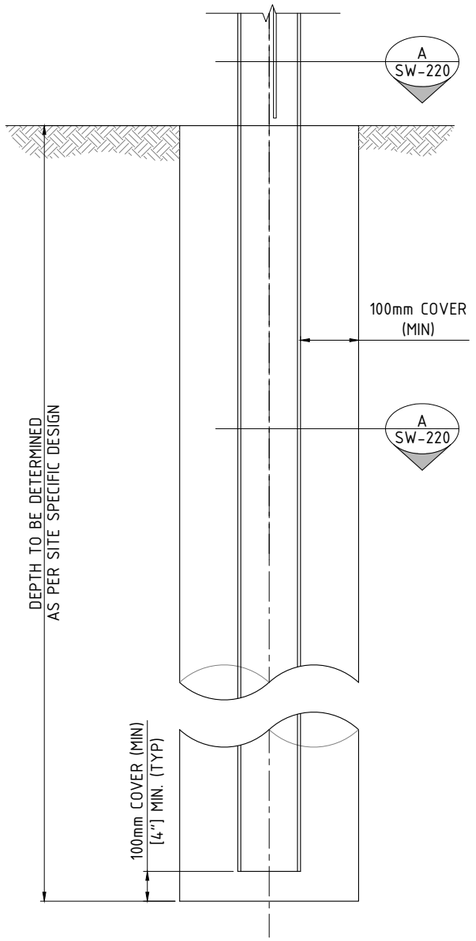
BRANCH P.O.	CUSTOMER REF.
-	-

PROJECT NUMBER STD DRAWING | DWG NO. SW-210 | REV. 0

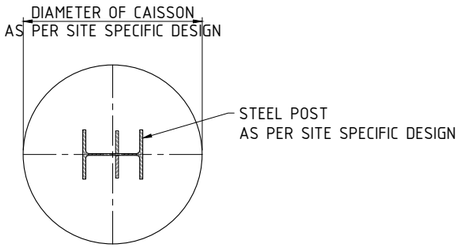
248.289.1123 | SALES@MEMTECHACOUSTICS.COM | MEMTECHACOUSTICS.COM
2175 Avon Industrial Dr., Rochester Hills, MI 48309

Drawings and product details are for information and/or illustrative purposes only, and may vary.
Please contact your local Memtech representative for the most current product information.

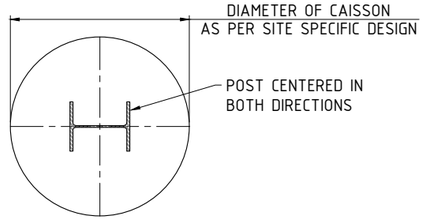
NOTES:
1. DIMENSIONS ARE IN MILLIMETRES [INCHES]



1 SW-220 DIRECT BURY POST FOUNDATION DETAIL
SCALE: NTS



A SW-220 FOUNDATION DETAIL
SCALE: NTS



REV NO.	DATE	BY	DESCRIPTION
0	07 OCT 26	-	ISSUED AS STANDARD

Memtech Acoustics

248.289.1123
memtechacoustics.com

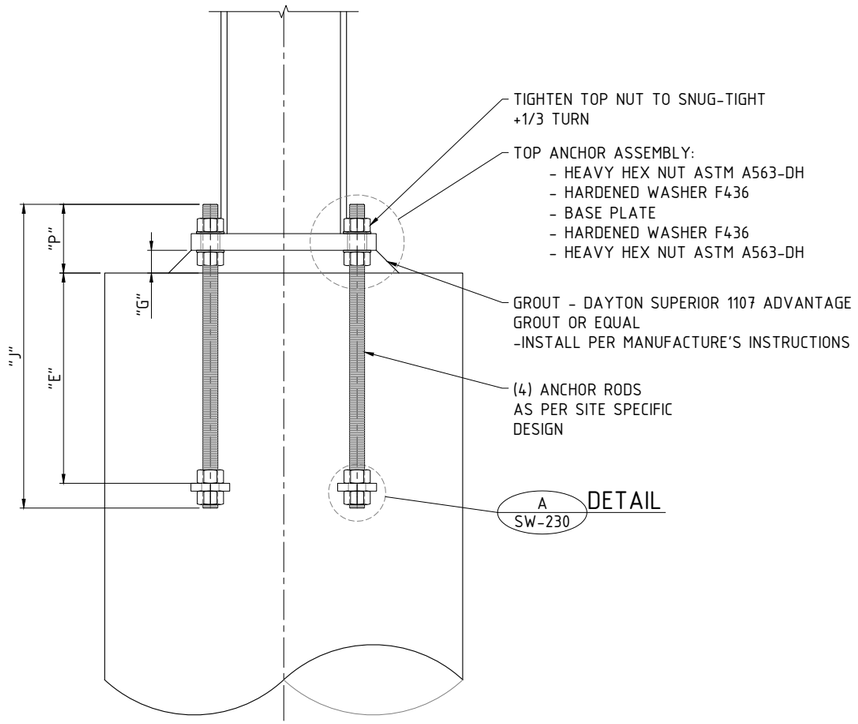
MEMTECH ACOUSTICS - STANDARD DRAWING
FOUNDATION DETAILS
TYPICAL FOUNDATION DETAILS - DIRECT BURY POST

DESIGNED	-	-	BRANCH P.O.	CUSTOMER REF.
DES. CHK	-	-	-	-
DRAWN BY	-	-	PROJECT NUMBER STD DRAWING	DWG NO. SW-220 / REV. 0
DWG. CHK	-	-		

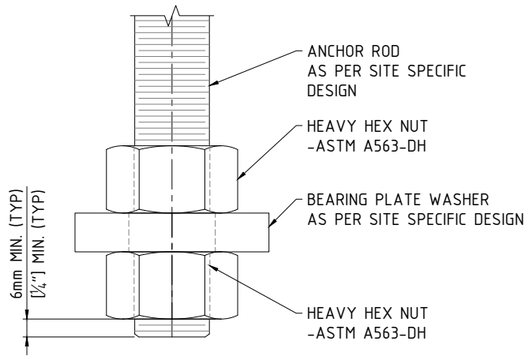
248.289.1123 | SALES@MEMTECHACOUSTICS.COM | MEMTECHACOUSTICS.COM
2175 Avon Industrial Dr., Rochester Hills, MI 48309

Drawings and product details are for information and/or illustrative purposes only, and may vary.
Please contact your local Memtech representative for the most current product information.

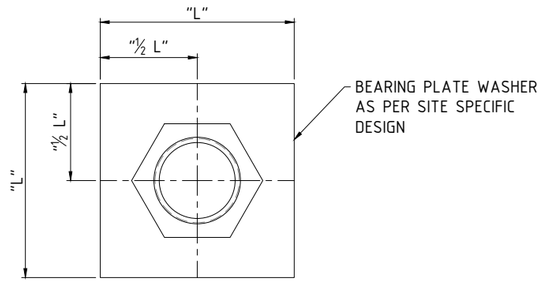
NOTES:
1. DIMENSIONS ARE IN MILLIMETRES [INCHES]
2. J = TOTAL LENGTH
   E = EMBEDMENT
   P = PROJECTION
   L = SIZE OF BEARING PLATE WASHER
   ALL DETERMINED ON A SITE SPECIFIC BASIS



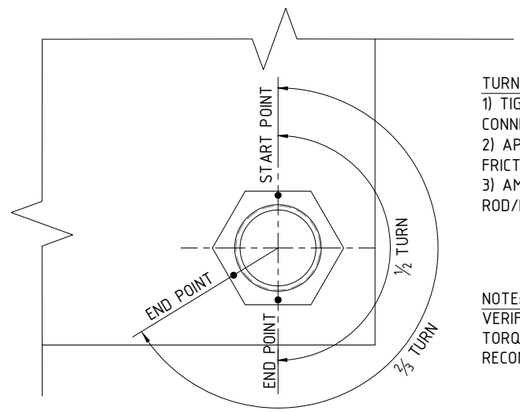
1 SW-230 TYPICAL ANCHOR ROD DETAIL
SCALE N.T.S.



A SW-230 BOTTOM ANCHOR ASSEMBLY DETAIL
SCALE: NTS



A SW-230 BOTTOM ANCHOR ASSEMBLY DETAIL
SCALE: NTS



TURN OF NUT PROCESS:
1) TIGHTEN NUT TO SNUG TIGHT WITH WRENCH, I.E. CONNECTION ELEMENTS IN FIRM CONTACT.
2) APPLY ADDITIONAL TURN OF NUT TO ACHIEVE FRICTIONAL CONNECTION BETWEEN NUT AND WASHER.
3) AMOUNT OF TURN DEPENDANT ON LENGTH OF ROD/BOLT
   i) OVER 4 x BOLT DIAMETER AND NOT EXCEEDING 8 x BOLT DIAMETER OR 8" = ½ TURN
   ii) EXCEEDING 8 x BOLT DIAMETER OR 8" = ⅔ TURN

NOTE:
VERIFY THESE INSTALLATION PROCEDURES AND WRENCH TORQUES TO MATCH WITH EPOXY MANUFACTURER'S RECOMMENDATIONS.

2 SW-230 TURN OF NUT METHOD
SCALE: NTS

REV NO.	DATE	BY	DESCRIPTION
0	07 OCT 26	-	ISSUED AS STANDARD

Memtech Acoustics
248.289.1123
memtechacoustics.com

MEMTECH ACOUSTICS - STANDARD DRAWING
FOUNDATION DETAILS
TYPICAL ANCHOR ROD DETAILS FOR GROUND MOUNTED POSTS

DESIGNED	-	-
DES. CHK	-	-
DRAWN BY	-	-
DWG. CHK	-	-

BRANCH P.O. -
CUSTOMER REF. -
PROJECT NUMBER STD DRAWING
DWG NO. SW-230
REV. 0

248.289.1123 | SALES@MEMTECHACOUSTICS.COM | MEMTECHACOUSTICS.COM
2175 Avon Industrial Dr., Rochester Hills, MI 48309

Drawings and product details are for information and/or illustrative purposes only, and may vary.
Please contact your local Memtech representative for the most current product information.