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SOUND WALL DRAWINGS			
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SOUNDWALLS - STANDARD DRAWING STANDARD PRODUCT DRAWINGS



GEOSONIC®/ TUF-BARRIER®/
SILENT PROTECTOR®
SOUND WALL

BLESSON WILSON

January 6, 2026 9:56:28 AM

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REV NO.	DATE	BY	DESCRIPTION
0	01 JAN 26	BW	ISSUED AS STANDARD

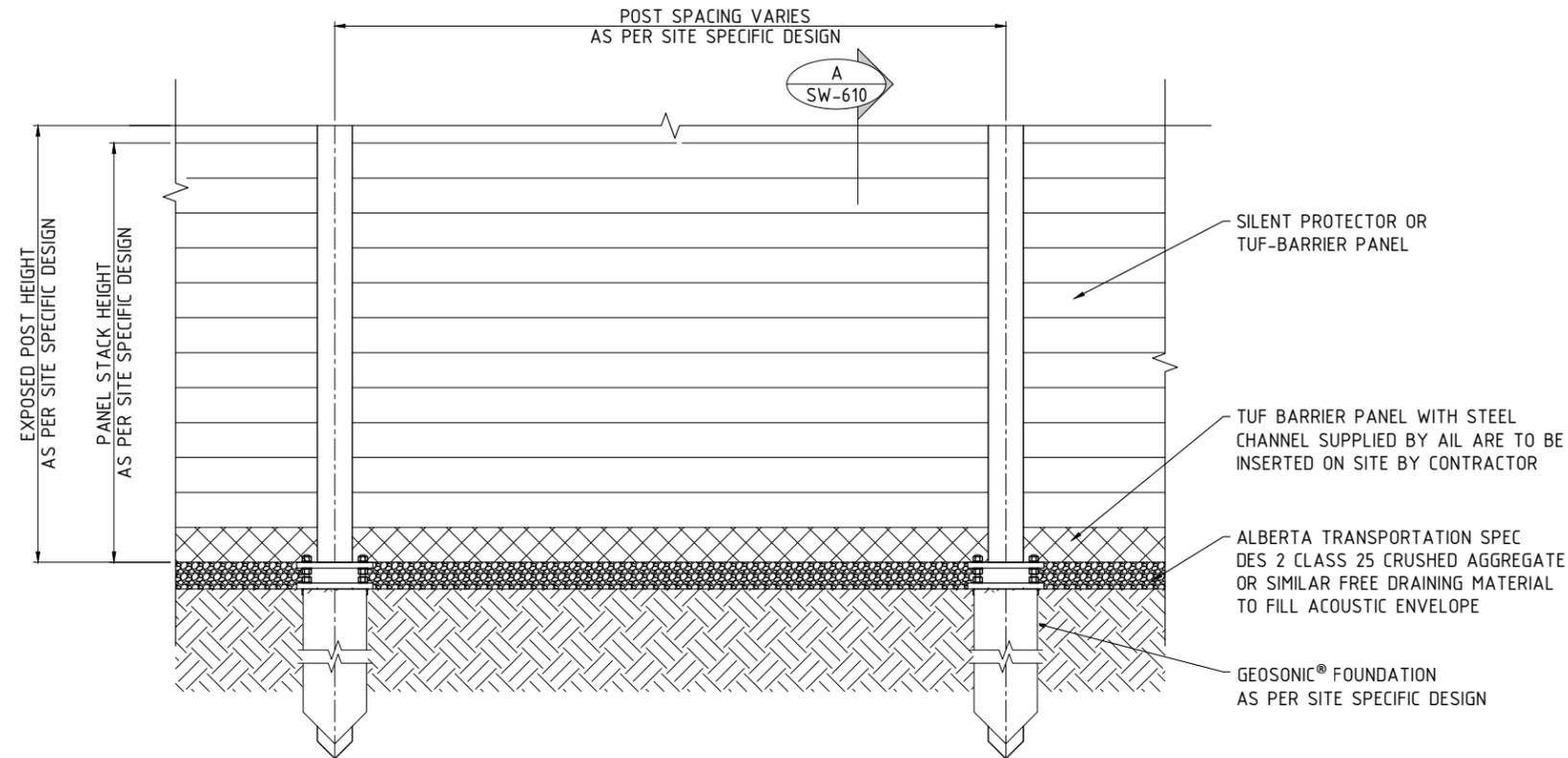


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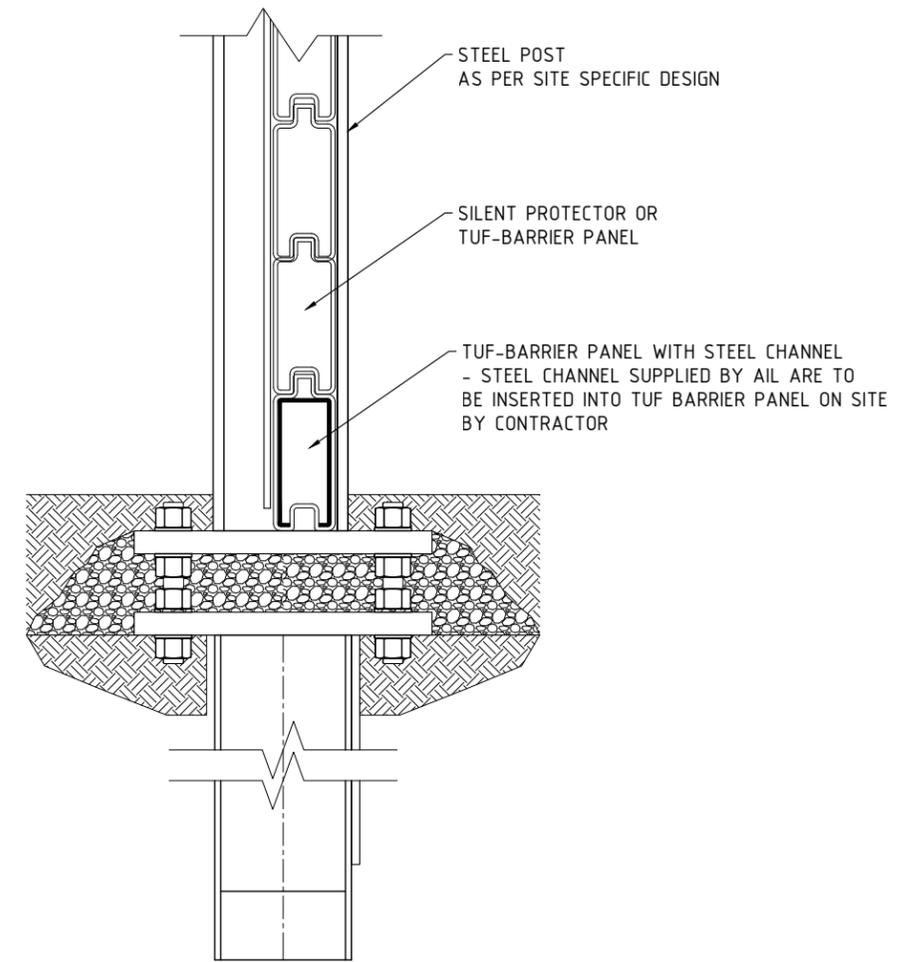
SOUNDWALLS - STANDARD DRAWING
STANDARD PRODUCT DRAWINGS
COVER SHEET

DESIGNED	-	-	BRANCH P.O.	CUSTOMER REF.	TOTAL DWGS
DES. CHK	-	-	-	-	7
DRAWN BY	BW	01 JAN 26	PROJECT NUMBER	STD DRAWING	DWG NO. SW-600
DWG. CHK	HHS	01 JAN 26			REV. 0

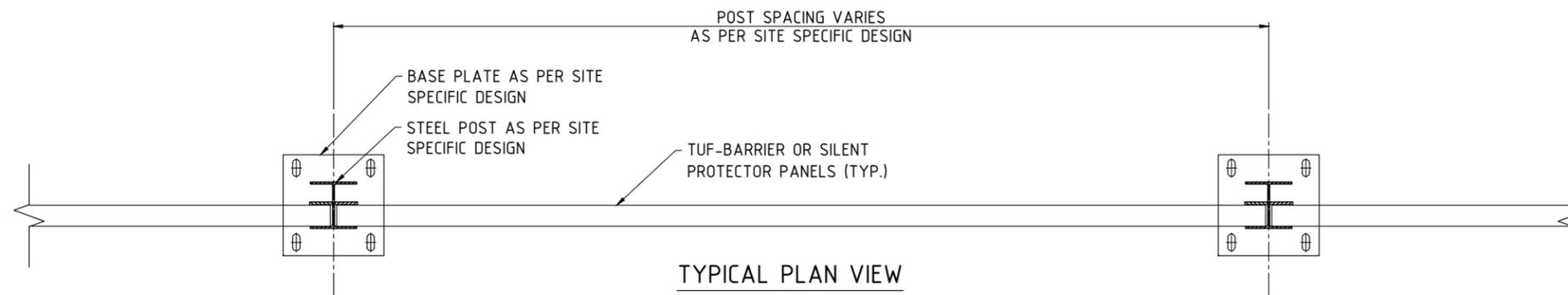
- NOTES:
 1. DIMENSIONS ARE IN MILLIMETERS (INCHES)
 2. L = DIMENSION AS PER SITE SPECIFIC DESIGN



TYPICAL ELEVATION - VARIES WITH DESIGN HEIGHT
 SCALE: N.T.S.



A CROSS SECTION
 SW-610 SCALE: NTS



TYPICAL PLAN VIEW
 SCALE: N.T.S.

REV NO.	DATE	BY	DESCRIPTION
0	01 JAN 26	BW	ISSUED AS STANDARD

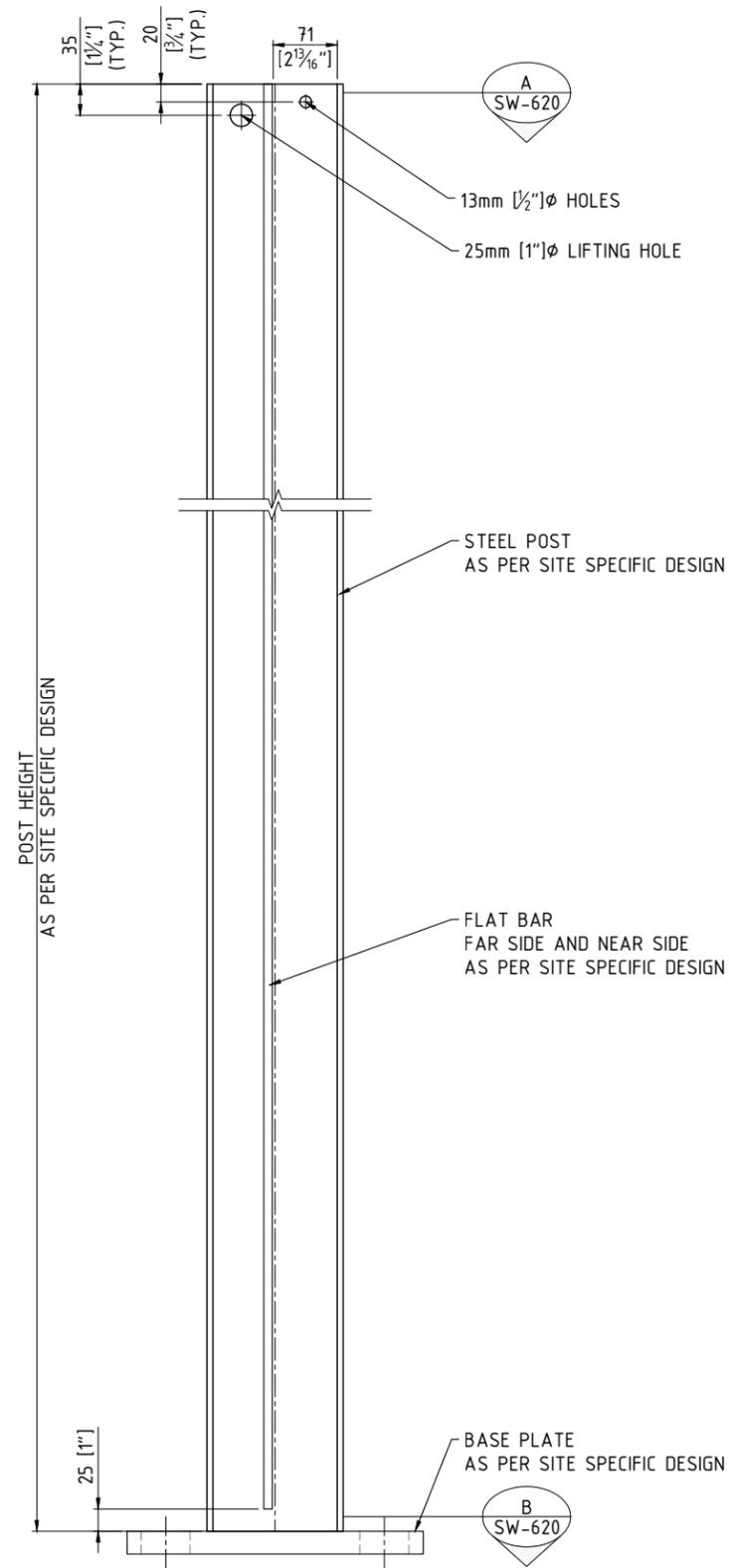


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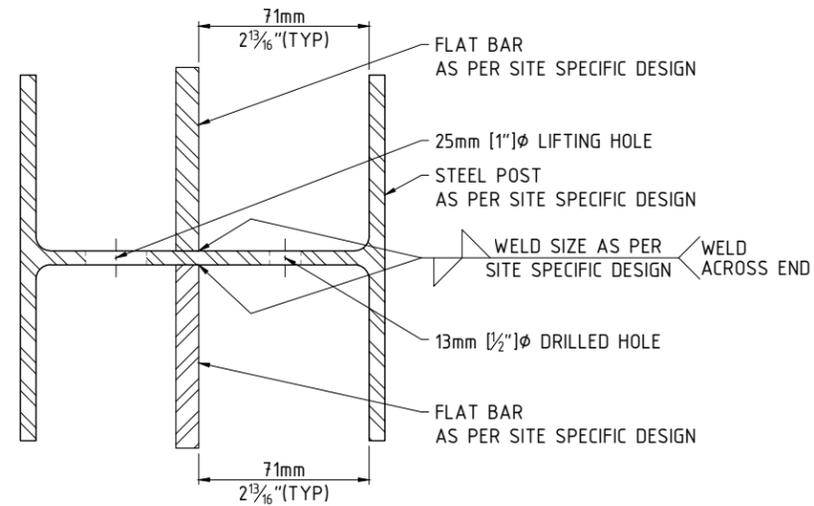
SOUNDWALLS - STANDARD DRAWING
 STANDARD PRODUCT DRAWINGS
 GEOSONIC TYPICAL ASSEMBLY ELEVATION AND SECTION

DESIGNED	-	-	BRANCH P.O.	CUSTOMER REF.
DES. CHK	-	-	-	-
DRAWN BY	BW	01 JAN 26	PROJECT NUMBER	STD DRAWING
DWG. CHK	HHS	01 JAN 26	DWG. NO.	SW-610
			REV.	0

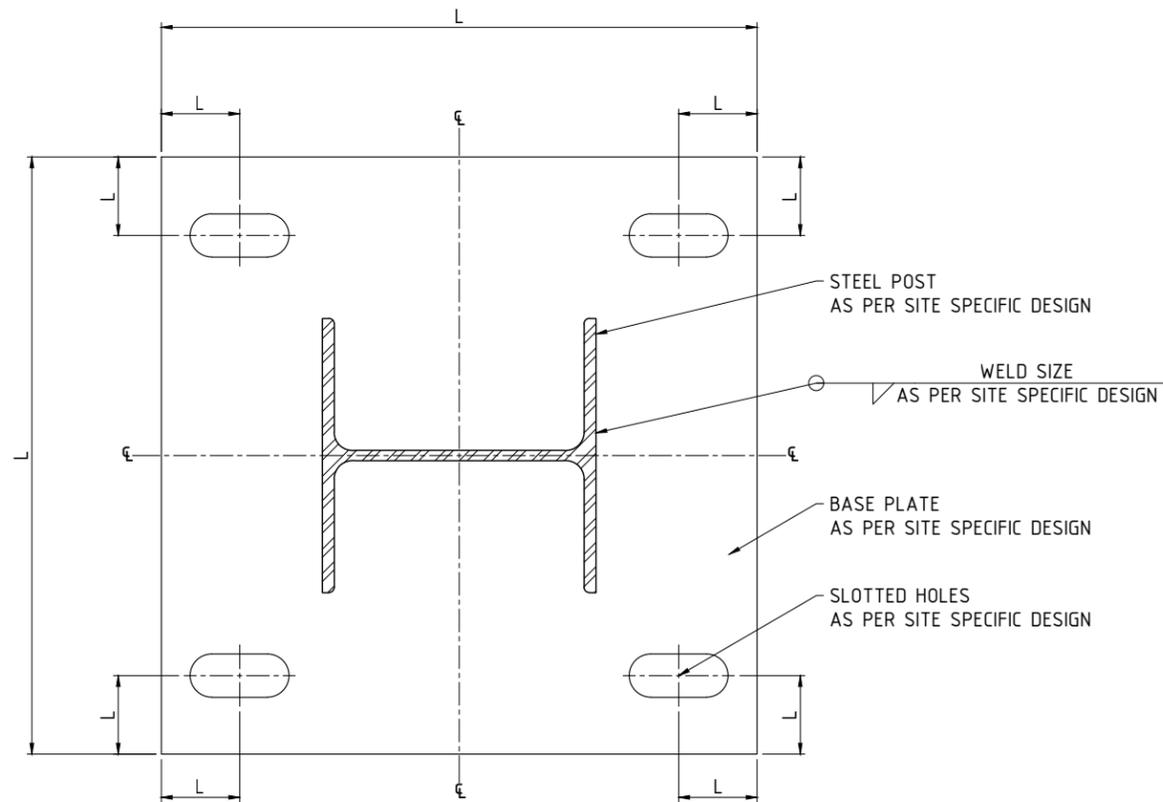
- NOTES:
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 2. L = DIMENSION AS PER SITE SPECIFIC DESIGN



TYPICAL POST DETAIL - LEFT SIDE VIEW
SCALE: N.T.S.



A DETAIL - TYPICAL CROSS SECTION
SCALE: N.T.S.



B DETAIL - TYPICAL CROSS SECTION
SCALE: N.T.S.

REV NO.	DATE	BY	DESCRIPTION
0	01 JAN 26	BW	ISSUED AS STANDARD

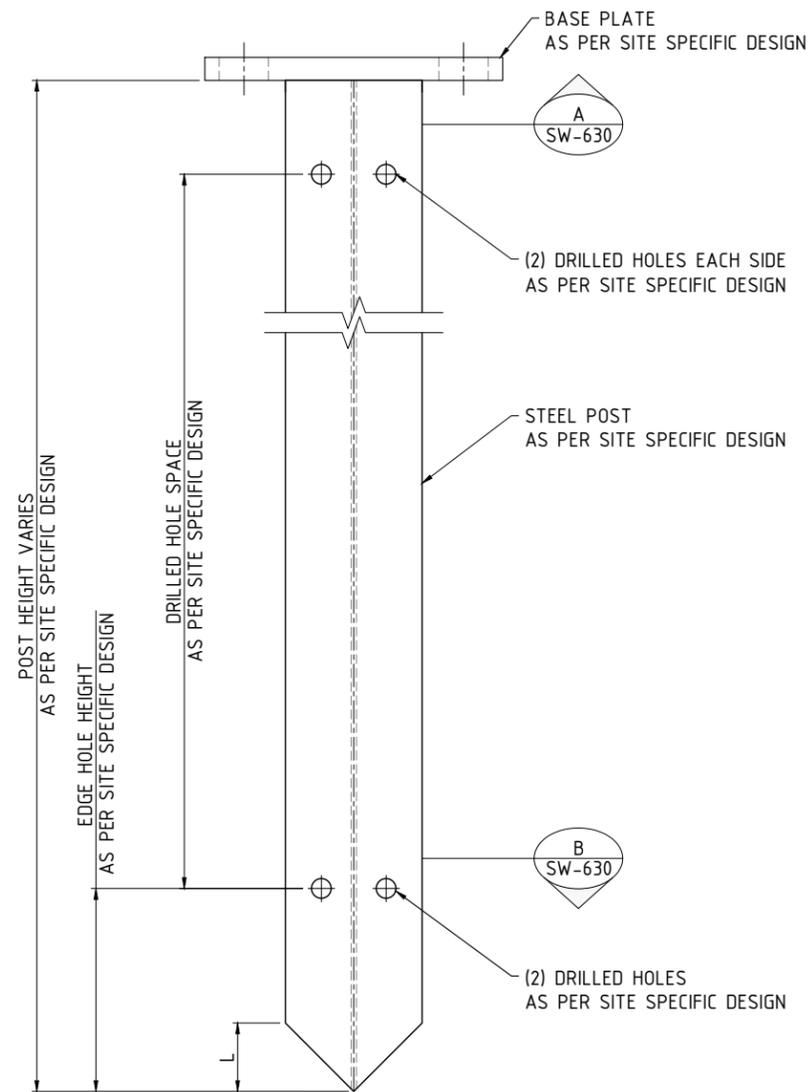


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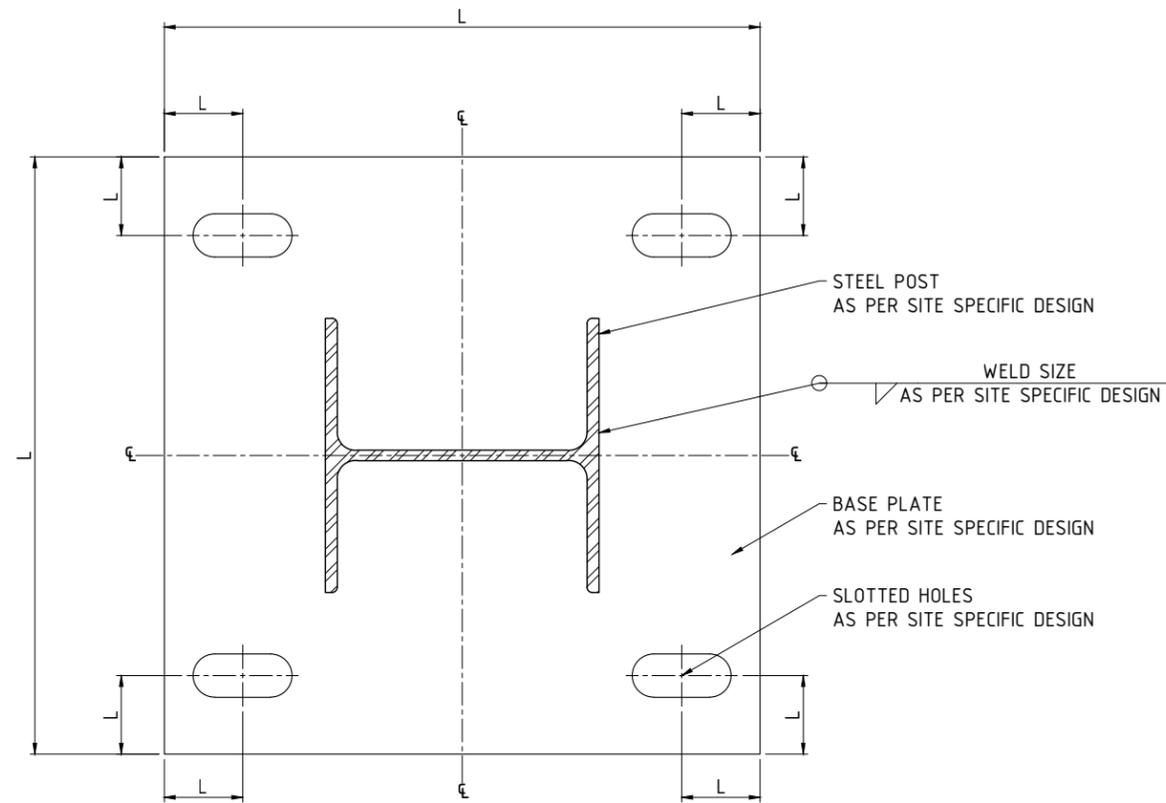
SOUNDWALLS - STANDARD DRAWING
STANDARD PRODUCT DRAWINGS
GEOSONIC TYPICAL POST DETAILS

DESIGNED	-	-	BRANCH P.O.	CUSTOMER REF.
DES. CHK	-	-	-	-
DRAWN BY	BW	01 JAN 26	PROJECT NUMBER	STD DRAWING
DWG. CHK	HHS	01 JAN 26	DWG. NO.	SW-620
			REV.	0

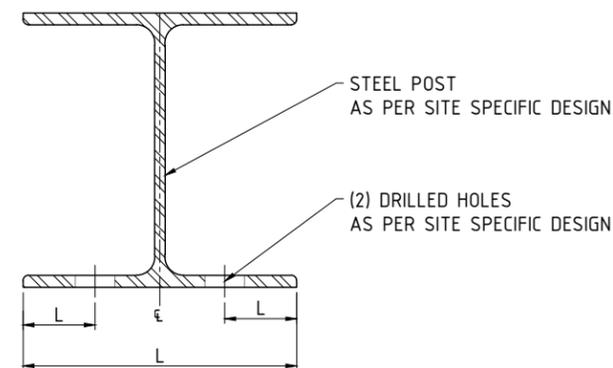
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TYPICAL POST DETAIL - LEFT SIDE VIEW
 SCALE: N.T.S.



A
 SW-630
 DETAIL - TYPICAL CROSS SECTION
 SCALE: N.T.S.



B
 SW-630
 DETAIL - TYPICAL CROSS SECTION
 SCALE: N.T.S.

REV NO.	DATE	BY	DESCRIPTION
0	01 JAN 26	BW	ISSUED AS STANDARD

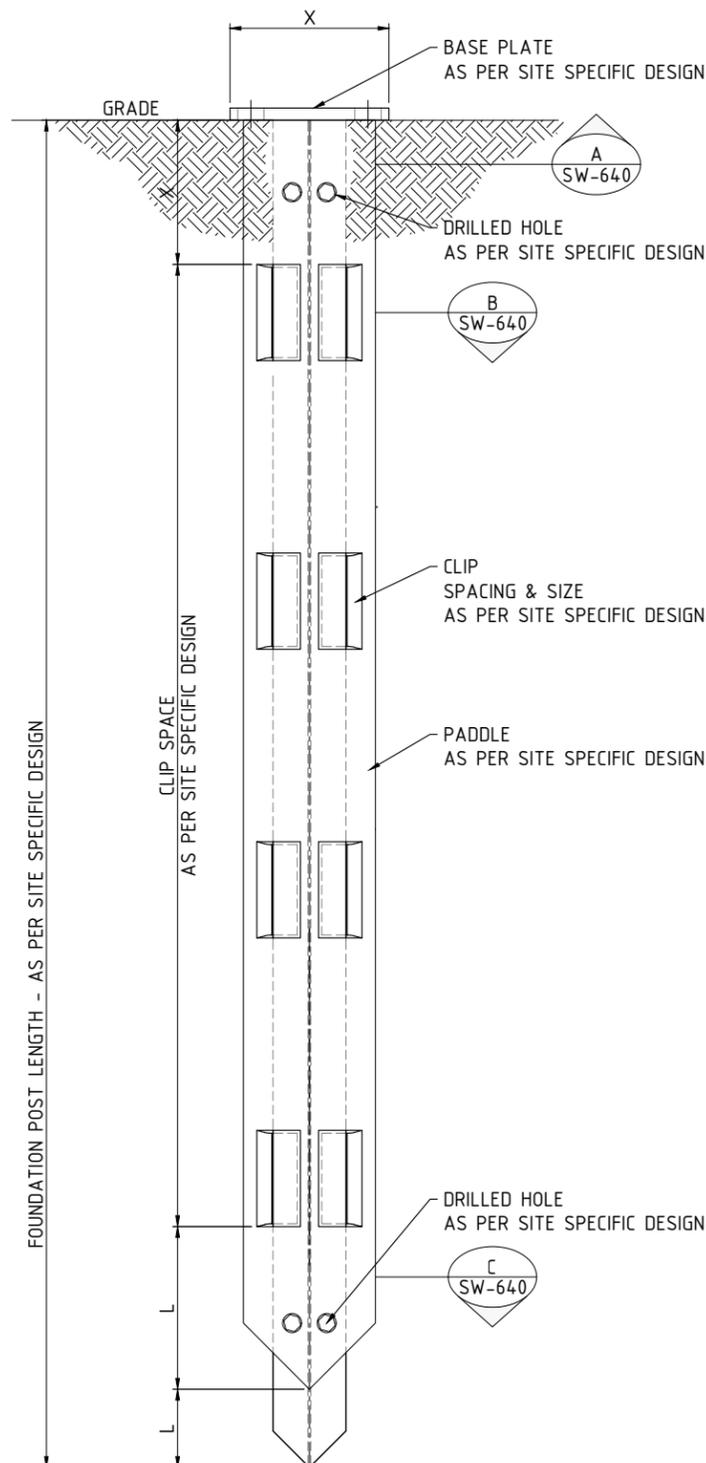


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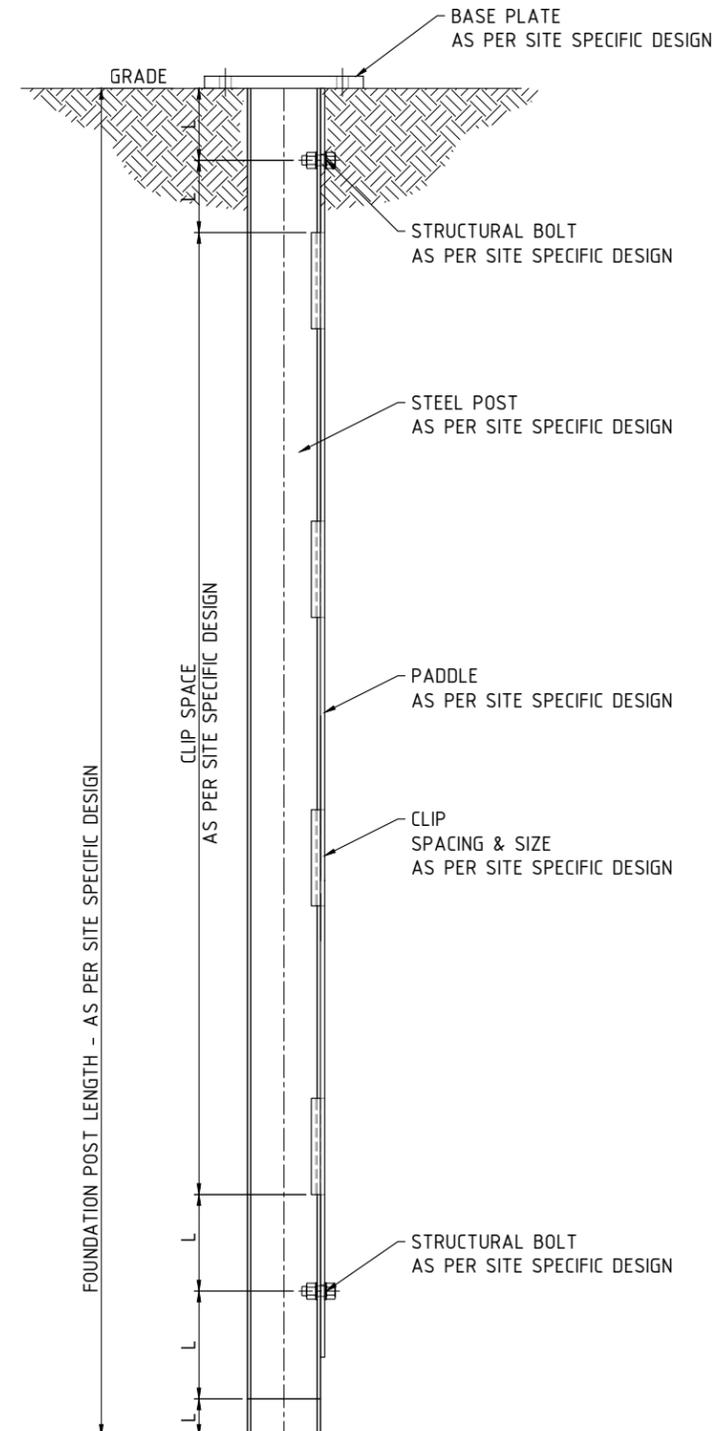
SOUNDWALLS - STANDARD DRAWING
 STANDARD PRODUCT DRAWINGS
 GEOSONIC TYPICAL FOUNDATION DETAILS FOR GROUND MOUNTED POSTS

DESIGNED	-	-	BRANCH P.O.	CUSTOMER REF.
DES. CHK	-	-	-	-
DRAWN BY	BW	01 JAN 26	PROJECT NUMBER	STD DRAWING
DWG. CHK	HHS	01 JAN 26	DWG. NO.	SW-630
			REV.	0

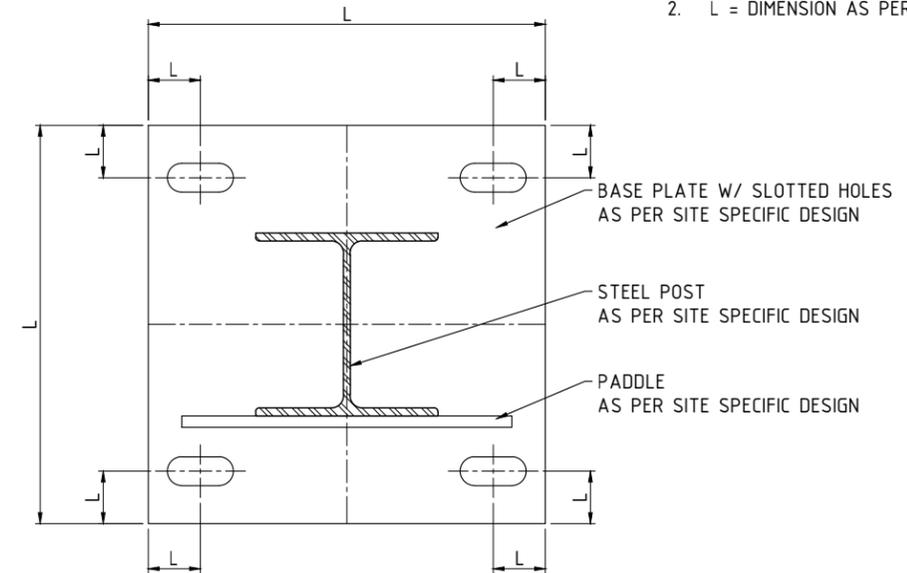
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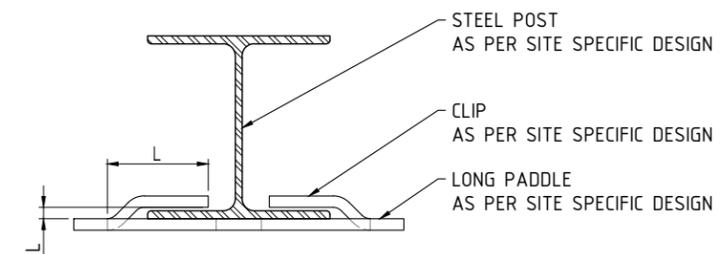
FOUNDATION DETAILS - FRONT VIEW
 SCALE: N.T.S.



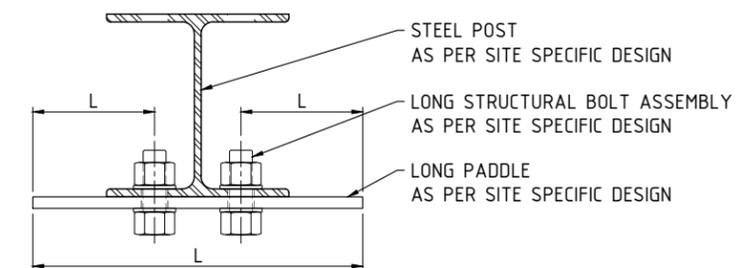
FOUNDATION DETAILS - LEFT SIDE VIEW
 SCALE: N.T.S.



A
 SW-640
 DETAIL - TYPICAL CROSS SECTION
 SCALE: NTS



B
 SW-640
 DETAIL - TYPICAL CROSS SECTION
 SCALE: NTS



C
 SW-640
 DETAIL - TYPICAL CROSS SECTION
 SCALE: NTS

0	01 JAN 26	BW	ISSUED AS STANDARD
REV NO.	DATE	BY	DESCRIPTION

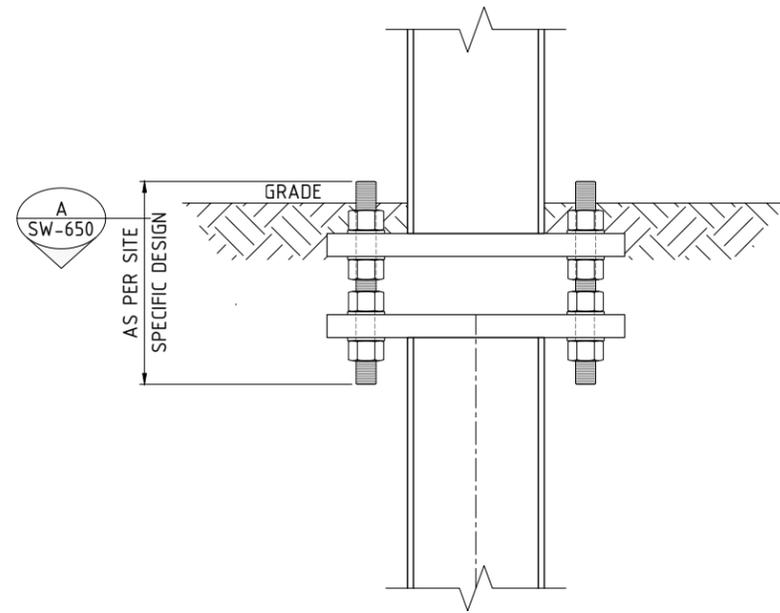


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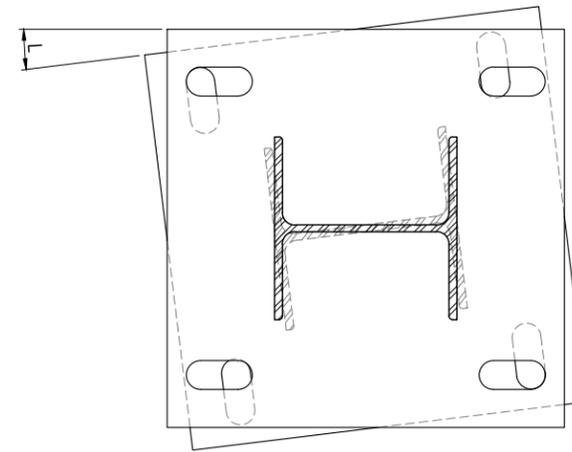
SOUNDWALLS - STANDARD DRAWING
 STANDARD PRODUCT DRAWINGS
 GEOSONIC TYPICAL FOUNDATION DETAILS FOR GROUND MOUNTED POSTS

DESIGNED - -	BRANCH P.O. -	CUSTOMER REF. -
DES. CHK - -		
DRAWN BY BW 01 JAN 26	PROJECT NUMBER	STD DRAWING
DWG. CHK HHS 01 JAN 26		DWG. NO. SW-640
		REV. 0

- NOTES:
1. DIMENSIONS ARE IN MILLIMETERS (INCHES)
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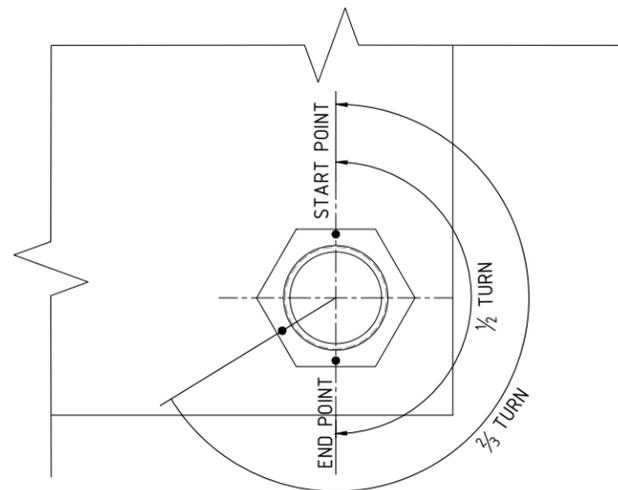


2 TYPICAL ANCHOR ROD DETAIL
SW-650 SCALE: NTS



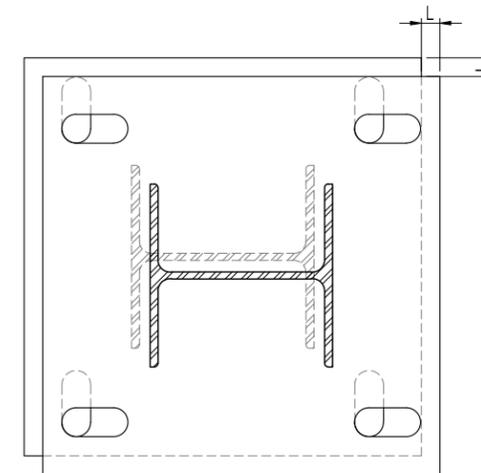
A DETAIL - CROSS SECTION
SW-650 SCALE: NTS

NOTE:
ANCHOR RODS NOT SHOWN FOR CLARITY.
SLOTTED HOLES ALLOW FOR TRANSLATIONAL AND
ROTATIONAL ADJUSTMENT AFTER FOUNDATION HAS
BEEN DRIVEN



2 TURN OF NUT METHOD
SW-650 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 200 mm = 1/2 TURN
 - ii) EXCEEDING 8 x BOLT DIAMETER OR 200 mm = 2/3 TURN



A DETAIL - CROSS SECTION
SW-650 SCALE: NTS

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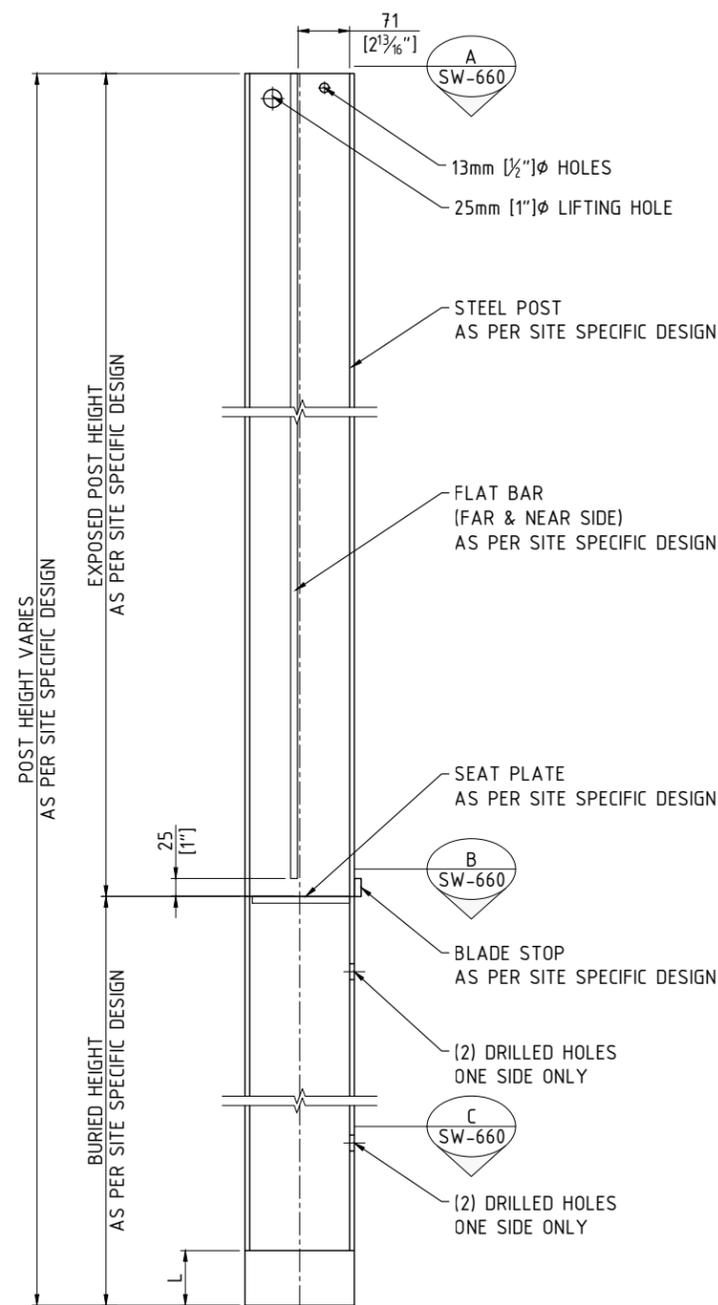


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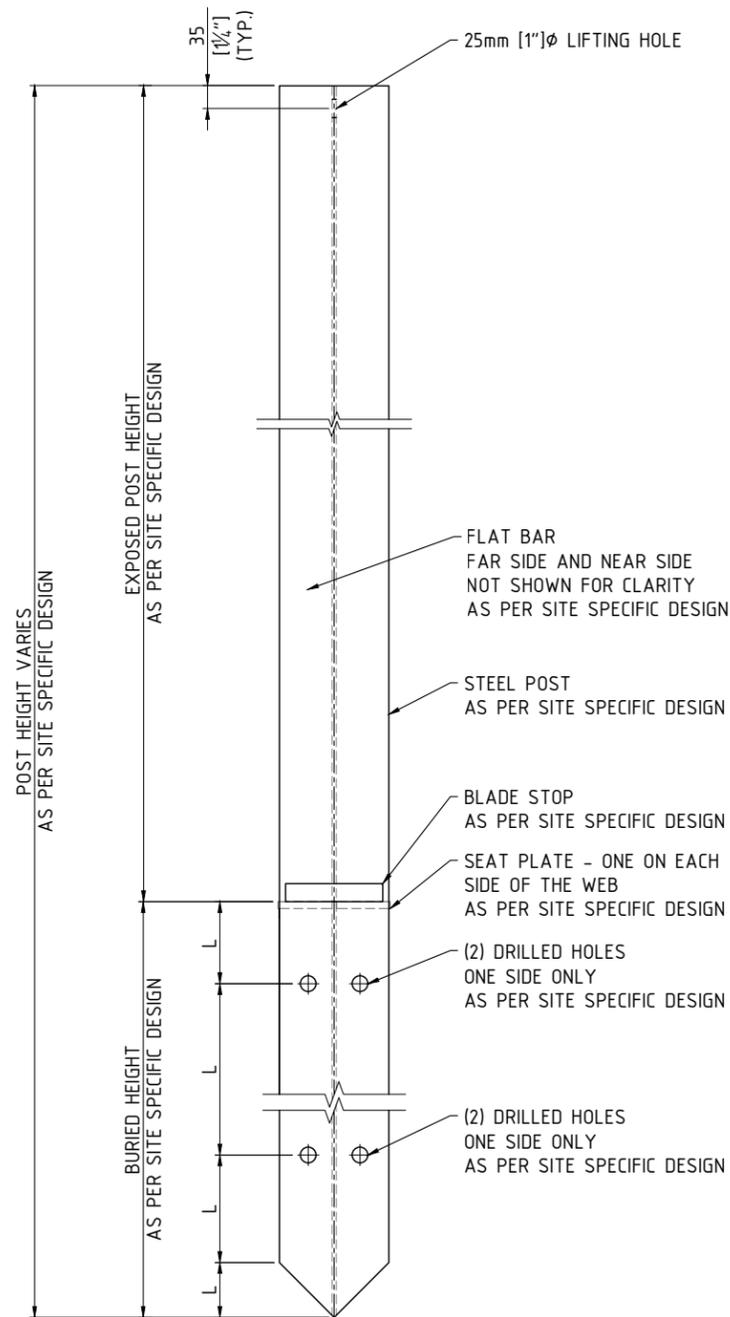
SOUNDWALLS - STANDARD DRAWING
STANDARD PRODUCT DRAWINGS
GEOSONIC TYPICAL ANCHOR ROD DETAILS FOR GROUND MOUNTED POSTS

DESIGNED	DES. CHK	DRAWN BY	DWG. CHK	DATE	PROJECT NUMBER	BRANCH P.O.	CUSTOMER REF.	DWG. NO.	REV.
-	-	BW	HHS	01 JAN 26	STD DRAWING	-	-	SW-650	0

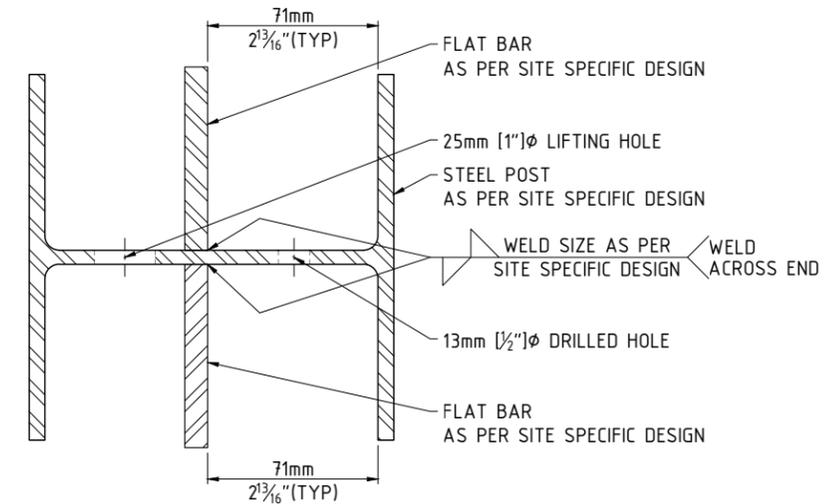
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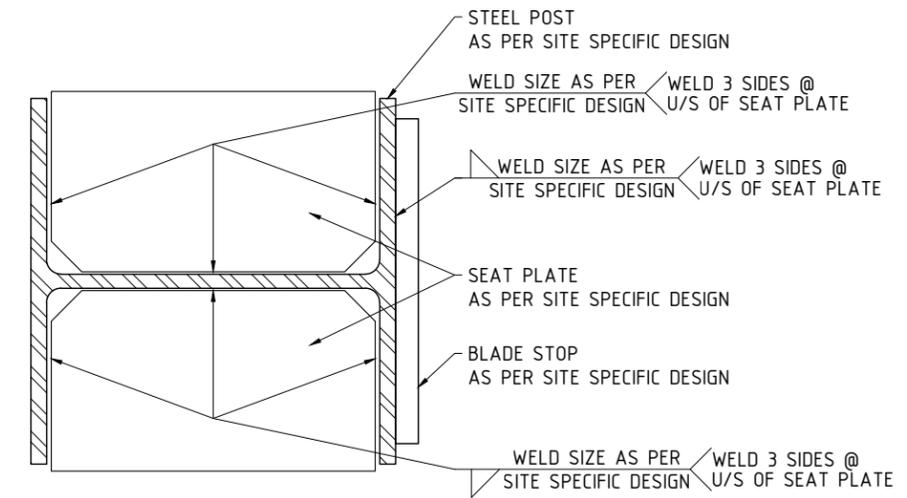
GEOSONIC DIRECT BURY - LEFT SIDE VIEW
 SCALE: N.T.S.



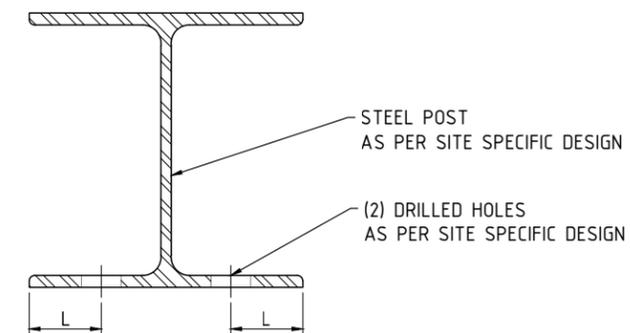
GEOSONIC DIRECT BURY - FRONT VIEW
 SCALE: N.T.S.



A **DETAIL - TYPICAL CROSS SECTION**
 SW-660 SCALE: NTS



B **DETAIL - TYPICAL CROSS SECTION**
 SW-660 SCALE: NTS



C **DETAIL - TYPICAL CROSS SECTION**
 SW-660 SCALE: NTS

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SOUNDWALLS - STANDARD DRAWING
 STANDARD PRODUCT DRAWINGS
 GEOSONIC DIRECT BURY POST DETAILS

DESIGNED	DES. CHK	DRAWN BY	DWG. CHK	BRANCH P.O.	CUSTOMER REF.
-	-	BW	HHS	-	-
01 JAN 26	01 JAN 26	01 JAN 26	01 JAN 26	PROJECT NUMBER	STD DRAWING
					DWG. NO. SW-660
					REV. 0