

January 31, 2024 9:33:14 AM

SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES



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.

| DRAWING INDEX      |   |      |            |
|--------------------|---|------|------------|
| DRAWING No.        | DRAWING TITLE                                     | REV. | ISSUE DATE |
| STD DRAWING-SW-400 | COVER SHEET                                       | 1    | 31 JAN 24  |
| STANDARD DRAWINGS  |   |      |            |
| STD DRAWING-SW-410 | PIPE / FIRE HOSE OPENING DETAILS                  | 1    | 31 JAN 24  |
| STD DRAWING-SW-420 | SINGLE DOOR GATE ASSEMBLY DETAILS                 | 1    | 31 JAN 24  |
| STD DRAWING-SW-430 | DOUBLE DOOR GATE ASSEMBLY DETAILS                 | 1    | 31 JAN 24  |
| STD DRAWING-SW-440 | TYPICAL GATE FRAME DETAIL                         | 1    | 31 JAN 24  |
| STD DRAWING-SW-450 | PRE-MANUFACTURED MAN DOOR DETAILS                 | 1    | 31 JAN 24  |
| STD DRAWING-SW-460 | JERSEY BARRIER DETAILS - EMBEDDED POST            | 1    | 31 JAN 24  |
| STD DRAWING-SW-470 | STRUCTURE MOUNTED CLOSURE PLATE DETAIL            | 1    | 31 JAN 24  |
| STD DRAWING-SW-480 | PRECAST REINFORCED CONCRETE PANEL- SOIL RETENTION | 1    | 31 JAN 24  |

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| REV NO. | DATE      | BY | DESCRIPTION        |
|---------|-----------|----|--------------------|
| 1       | 31 JAN 24 | BW | GENERAL REVISIONS  |
| 0       | 30 NOV 12 | CG | ISSUED AS STANDARD |



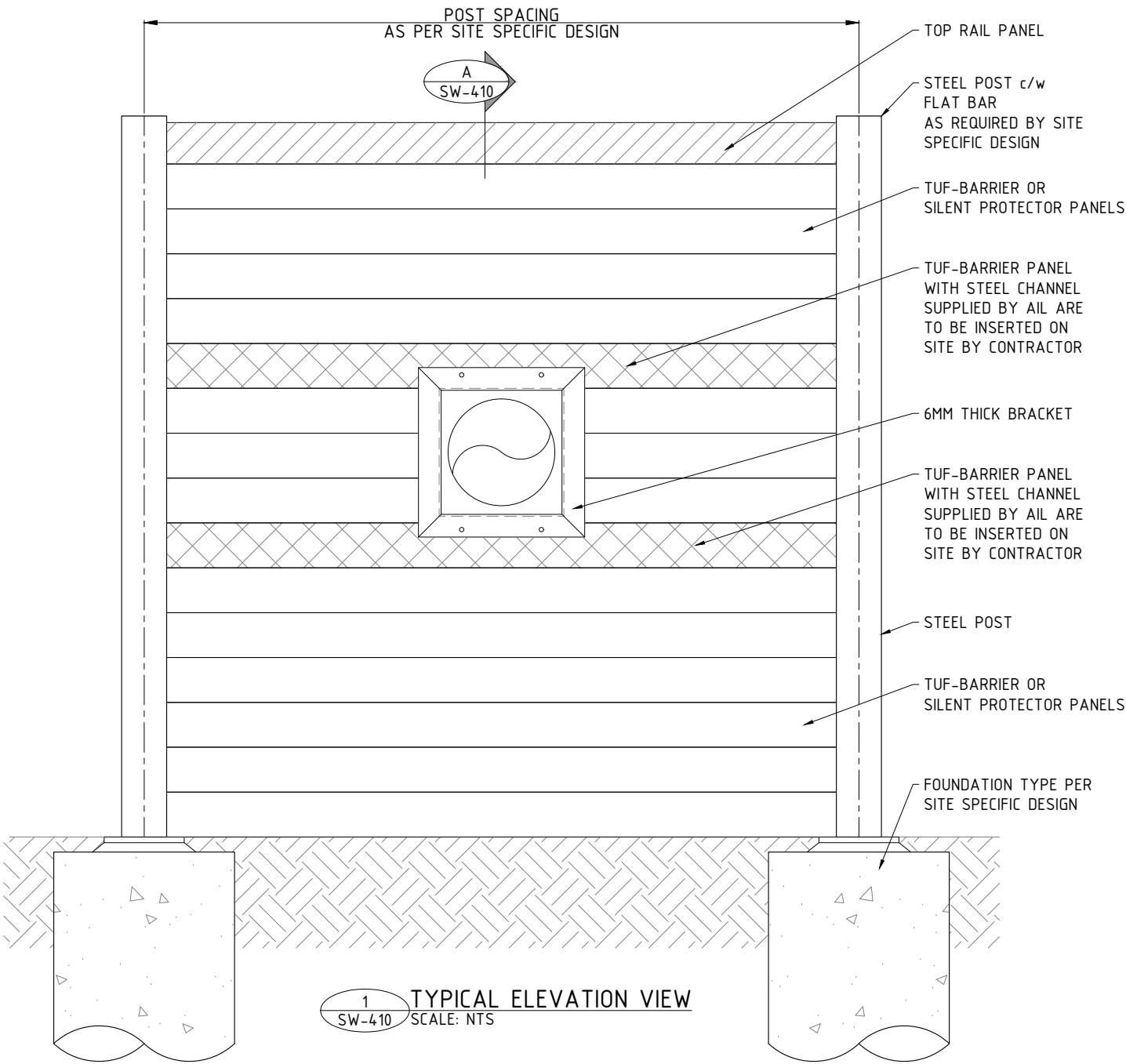
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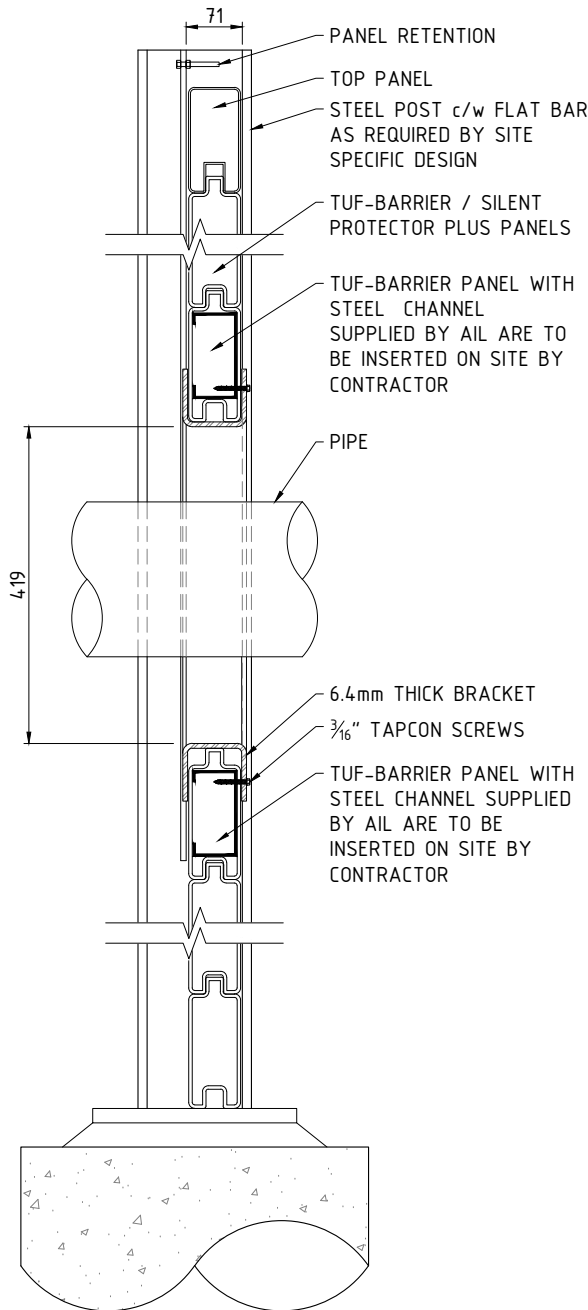
SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
COVER SHEET

|          |   |   |                   |               |                   |           |
|----------|---|---|-------------------|---------------|-------------------|-----------|
| DESIGNED | - | - | BRANCH P.O.<br>-  | CUSTOMER REF. |                   |           |
| DES. CHK | - | - |                   | -             |                   |           |
| DRAWN BY | - | - | PROJECT<br>NUMBER | STD DRAWING   | DWG<br>NO. SW-400 | REV.<br>1 |
| DWG. CHK | - | - |                   |               |                   |           |

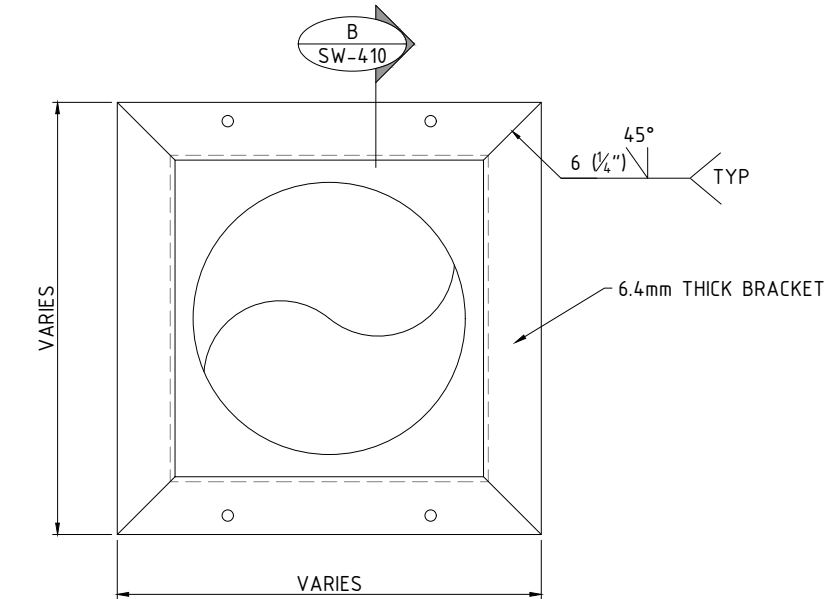
- NOTES:
- 1. DIMENSIONS ARE IN MILLIMETRES [INCHES]
  - 2. STEEL FRAME SHALL MEET SAME STEEL SPECIFICATIONS AS POSTS
  - 3. SEALANT TO BE PROVIDED BETWEEN STEEL FRAME & SOUND BARRIER PANELS



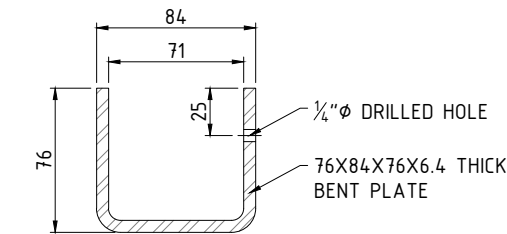
1 TYPICAL ELEVATION VIEW  
SCALE: NTS



A DETAIL - TYPICAL CROSS SECTION  
SCALE: NTS



2 DETAIL - FIRE HOSE ACCESS FRAME  
SCALE: NTS



B CROSS SECTION  
SCALE: NTS

January 31, 2024 9:33:15 AM

| REV NO. | DATE      | BY | DESCRIPTION        |
|---------|-----------|----|--------------------|
| 1       | 31 JAN 24 | BW | GENERAL REVISIONS  |
| 0       | 30 NOV 12 | CG | ISSUED AS STANDARD |

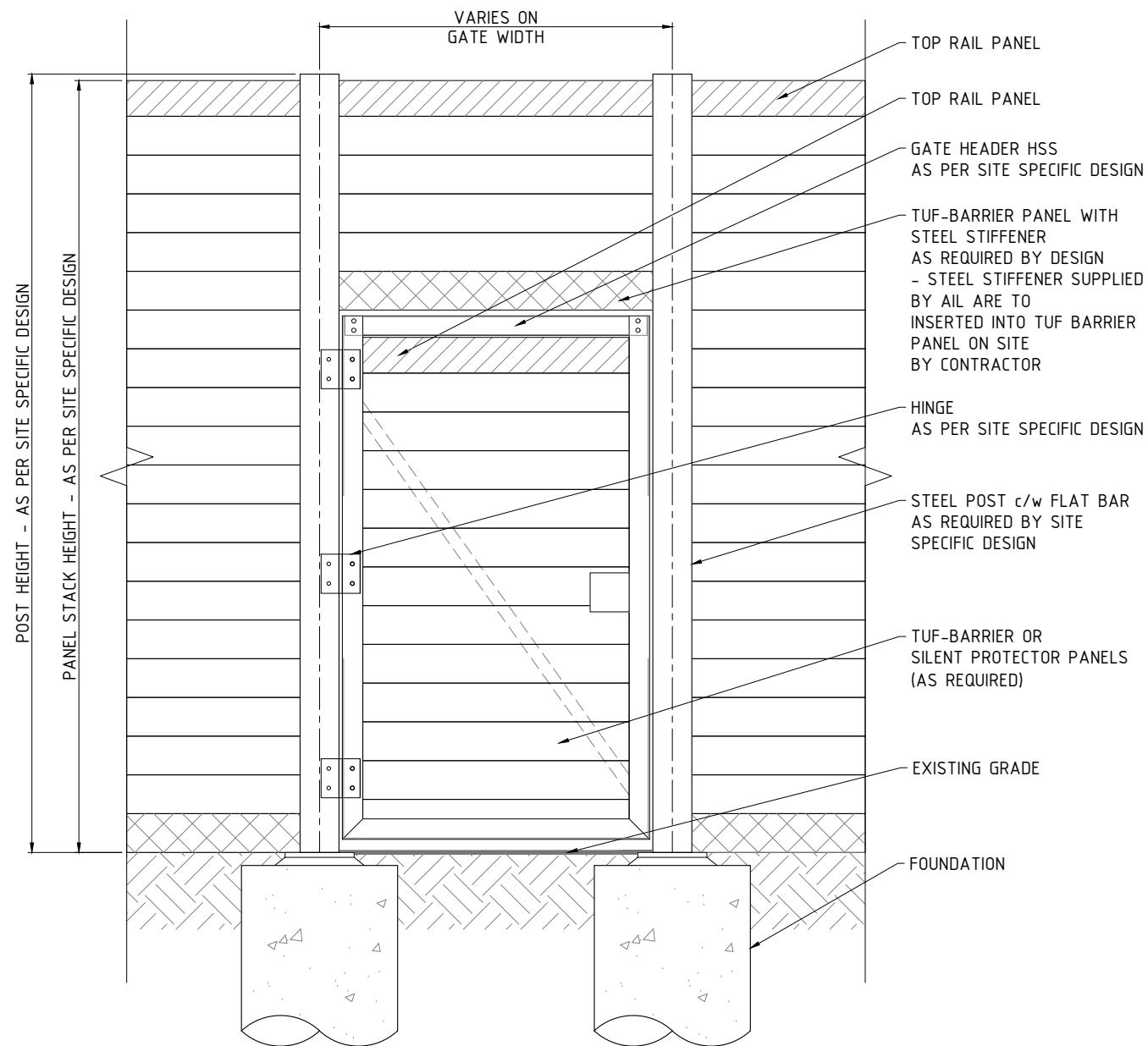


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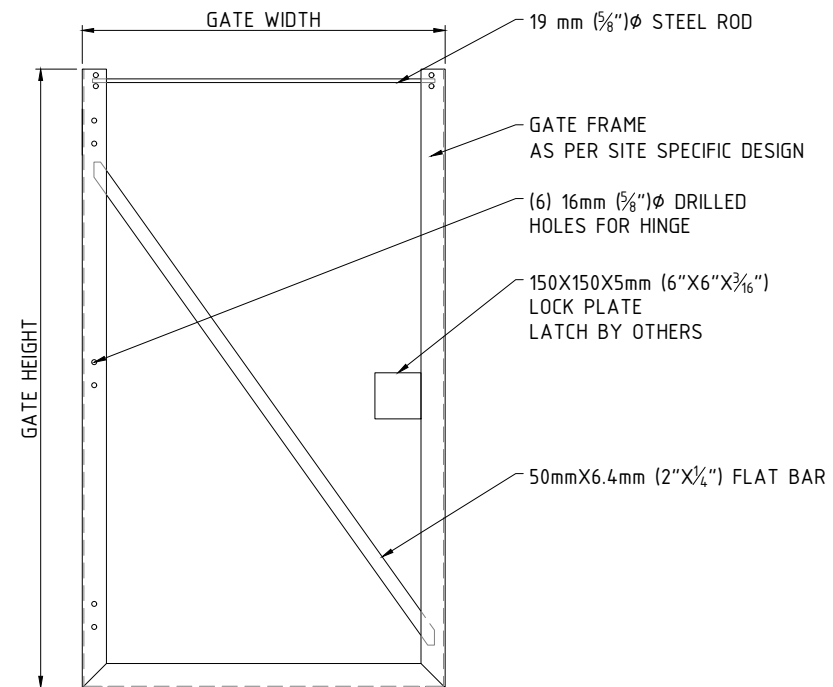
SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
PIPE / FIRE HOSE OPENING DETAILS

|          |   |   |                |                |
|----------|---|---|----------------|----------------|
| DESIGNED | - | - | BRANCH P.O.    | CUSTOMER REF.  |
| DES. CHK | - | - | -              | -              |
| DRAWN BY | - | - | PROJECT NUMBER | DWG NO. SW-410 |
| DWG. CHK | - | - | STD DRAWING    | REV. 1         |

January 31, 2024 9:33:15 AM



TYPICAL GATE ASSEMBLY ELEVATION  
SCALE: N.T.S.



TYPICAL GATE FRAME DETAIL  
SCALE: N.T.S.

| STANDARD SINGLE GATE SIZES | GATE WIDTH        | GATE HEIGHT     |
|----------------------------|-------------------|-----------------|
|                            | 914mm<br>(3'-0")  | 2134mm (7'-0")  |
|                            |                   | 2438mm (8'-0")  |
|                            |                   | 2743mm (9'-0")  |
|                            |                   | 3048mm (10'-0") |
|                            | 1067mm<br>(3'-6") | 2134mm (7'-0")  |
|                            |                   | 2438mm (8'-0")  |
|                            |                   | 2743mm (9'-0")  |
|                            |                   | 3048mm (10'-0") |
|                            | 1219mm<br>(4'-0") | 2134mm (7'-0")  |
|                            |                   | 2438mm (8'-0")  |
|                            |                   | 2743mm (9'-0")  |
|                            |                   | 3048mm (10'-0") |
|                            | 1372mm<br>(4'-6") | 2134mm (7'-0")  |
|                            |                   | 2438mm (8'-0")  |
|                            |                   | 2743mm (9'-0")  |
|                            |                   | 3048mm (10'-0") |
|                            | 1524mm<br>(5'-0") | 2134mm (7'-0")  |
|                            |                   | 2438mm (8'-0")  |
|                            |                   | 2743mm (9'-0")  |
|                            |                   | 3048mm (10'-0") |

| REV NO. | DATE      | BY | DESCRIPTION        |
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| 1       | 31 JAN 24 | BW | GENERAL REVISIONS  |
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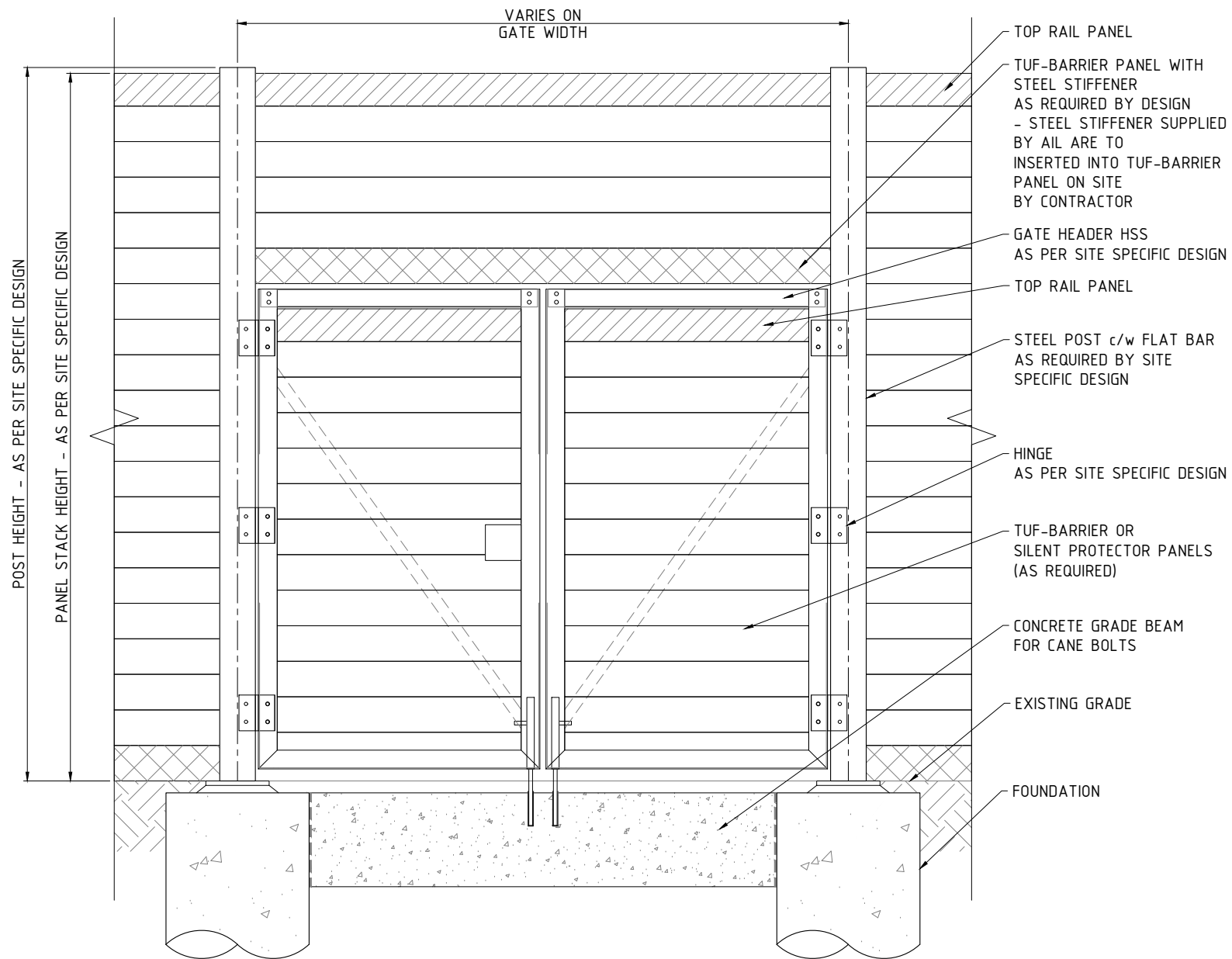


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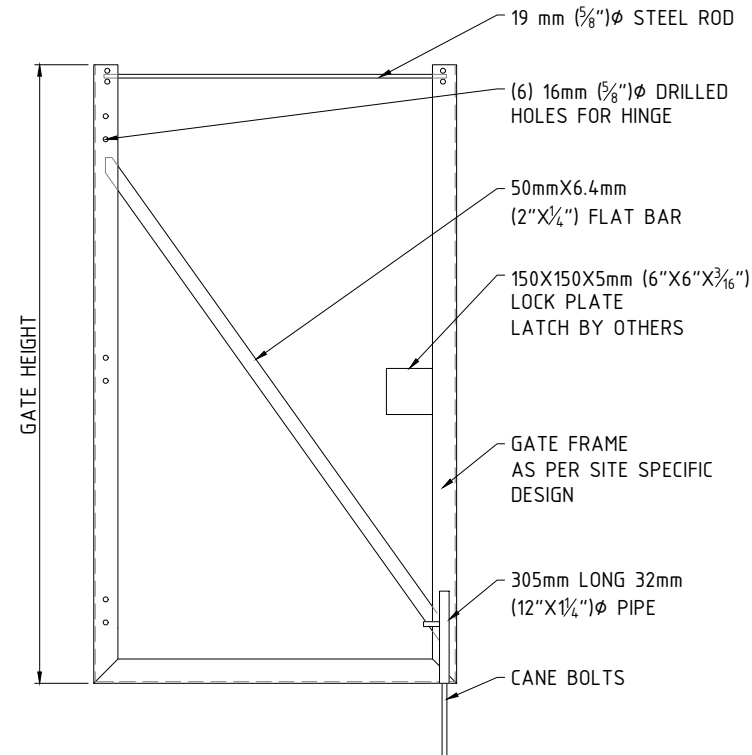
SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
SINGLE DOOR GATE ASSEMBLY DETAILS

|          |   |   |             |               |   |  |     |        |      |
|----------|---|---|-------------|---------------|---|--|-----|--------|------|
| DESIGNED | - | - | BRANCH P.O. | CUSTOMER REF. |   |  |     |        |      |
| DES. CHK | - | - |             | -             | - |  |     |        |      |
| DRAWN BY | - | - | PROJECT     | STD DRAWING   |   |  | DWG | SW-420 | REV. |
| DWG. CHK | - | - | NUMBER      |               |   |  | NO. |        | 1    |

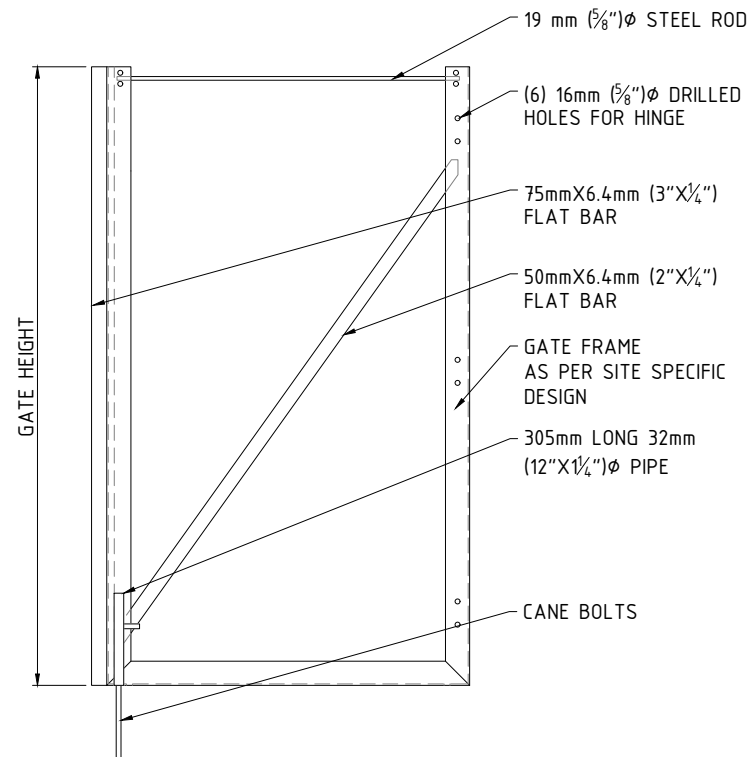
January 31, 2024 9:33:16 AM



TYPICAL GATE ASSEMBLY ELEVATION  
SCALE: N.T.S.



TYPICAL LEFT GATE DETAIL  
SCALE: N.T.S.



TYPICAL RIGHT GATE DETAIL  
SCALE: N.T.S.

| STANDARD DOUBLE GATE SIZES | GATE WIDTH      |  | GATE HEIGHT     |  |
|----------------------------|-----------------|--|-----------------|--|
|                            | 1829mm (6'-0")  |  | 2134mm (7'-0")  |  |
|                            |                 |  | 2438mm (8'-0")  |  |
|                            |                 |  | 2743mm (9'-0")  |  |
|                            |                 |  | 3048mm (10'-0") |  |
|                            | 2134mm (7'-0")  |  | 2134mm (7'-0")  |  |
|                            |                 |  | 2438mm (8'-0")  |  |
|                            |                 |  | 2743mm (9'-0")  |  |
|                            |                 |  | 3048mm (10'-0") |  |
|                            | 2438mm (8'-0")  |  | 2134mm (7'-0")  |  |
|                            |                 |  | 2438mm (8'-0")  |  |
|                            |                 |  | 2743mm (9'-0")  |  |
|                            |                 |  | 3048mm (10'-0") |  |
|                            | 2743mm (9'-0")  |  | 2134mm (7'-0")  |  |
|                            |                 |  | 2438mm (8'-0")  |  |
|                            |                 |  | 2743mm (9'-0")  |  |
|                            |                 |  | 3048mm (10'-0") |  |
|                            | 3048mm (10'-0") |  | 2134mm (7'-0")  |  |
|                            |                 |  | 2438mm (8'-0")  |  |
|                            |                 |  | 2743mm (9'-0")  |  |
|                            |                 |  | 3048mm (10'-0") |  |

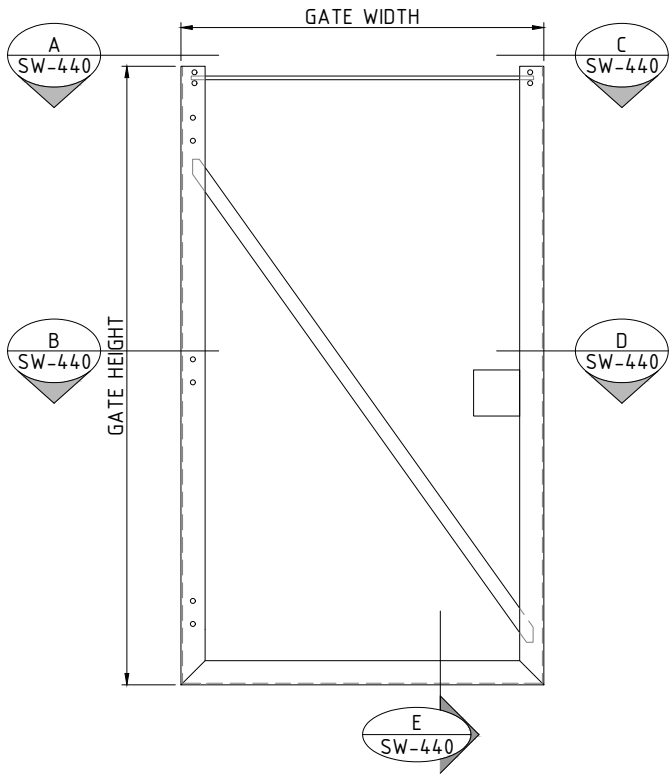
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|---------|-----------|----|--------------------|
| 1       | 31 JAN 24 | BW | GENERAL REVISIONS  |
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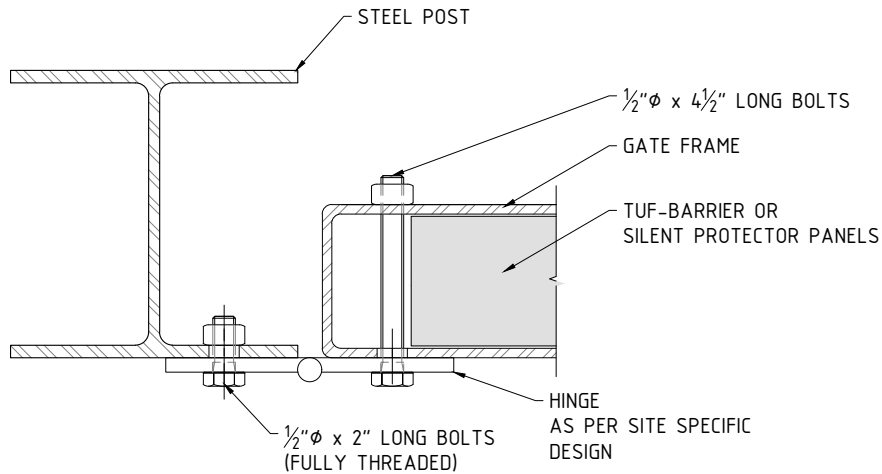
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SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
DOUBLE DOOR GATE ASSEMBLY DETAILS

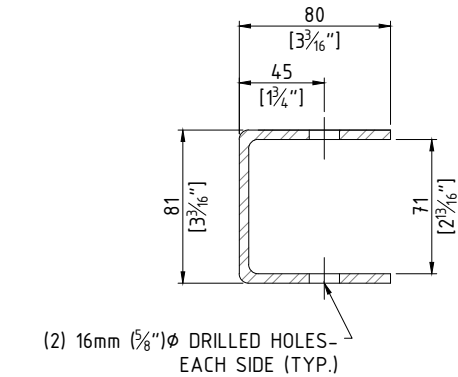
|          |   |   |             |             |               |  |     |        |      |
|----------|---|---|-------------|-------------|---------------|--|-----|--------|------|
| DESIGNED | - | - | BRANCH P.O. |             | CUSTOMER REF. |  |     |        |      |
| DES. CHK | - | - | -           |             | -             |  |     |        |      |
| DRAWN BY | - | - | PROJECT     | STD DRAWING |               |  | DWG | SW-430 | REV. |
| DWG. CHK | - | - | NUMBER      |             |               |  | NO. |        | 1    |



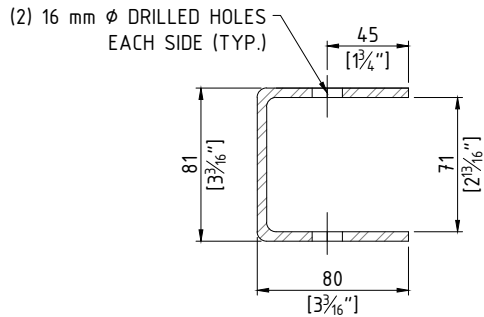
1 TYPICAL GATE DETAIL  
SW-440 SCALE: NTS



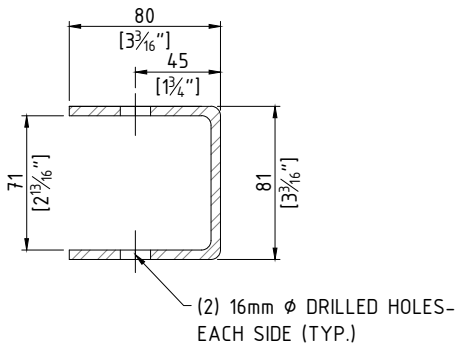
2 TYPICAL SIDE CROSS SECTION  
SW-440 SCALE: NTS



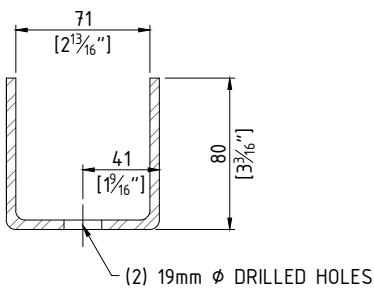
A LEFT MEMBER CROSS SECTION  
SW-440 SCALE: NTS



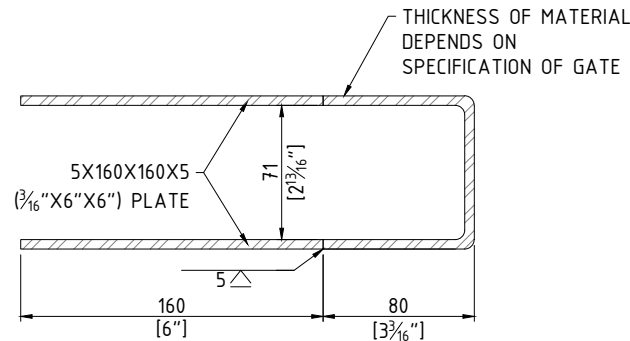
B LEFT MEMBER CROSS SECTION  
SW-440 SCALE: NTS



C RIGHT MEMBER CROSS SECTION  
SW-440 SCALE: NTS



D RIGHT MEMBER CROSS SECTION  
SW-440 SCALE: NTS



E RIGHT MEMBER CROSS SECTION  
SW-440 SCALE: NTS

January 31, 2024 9:33:16 AM

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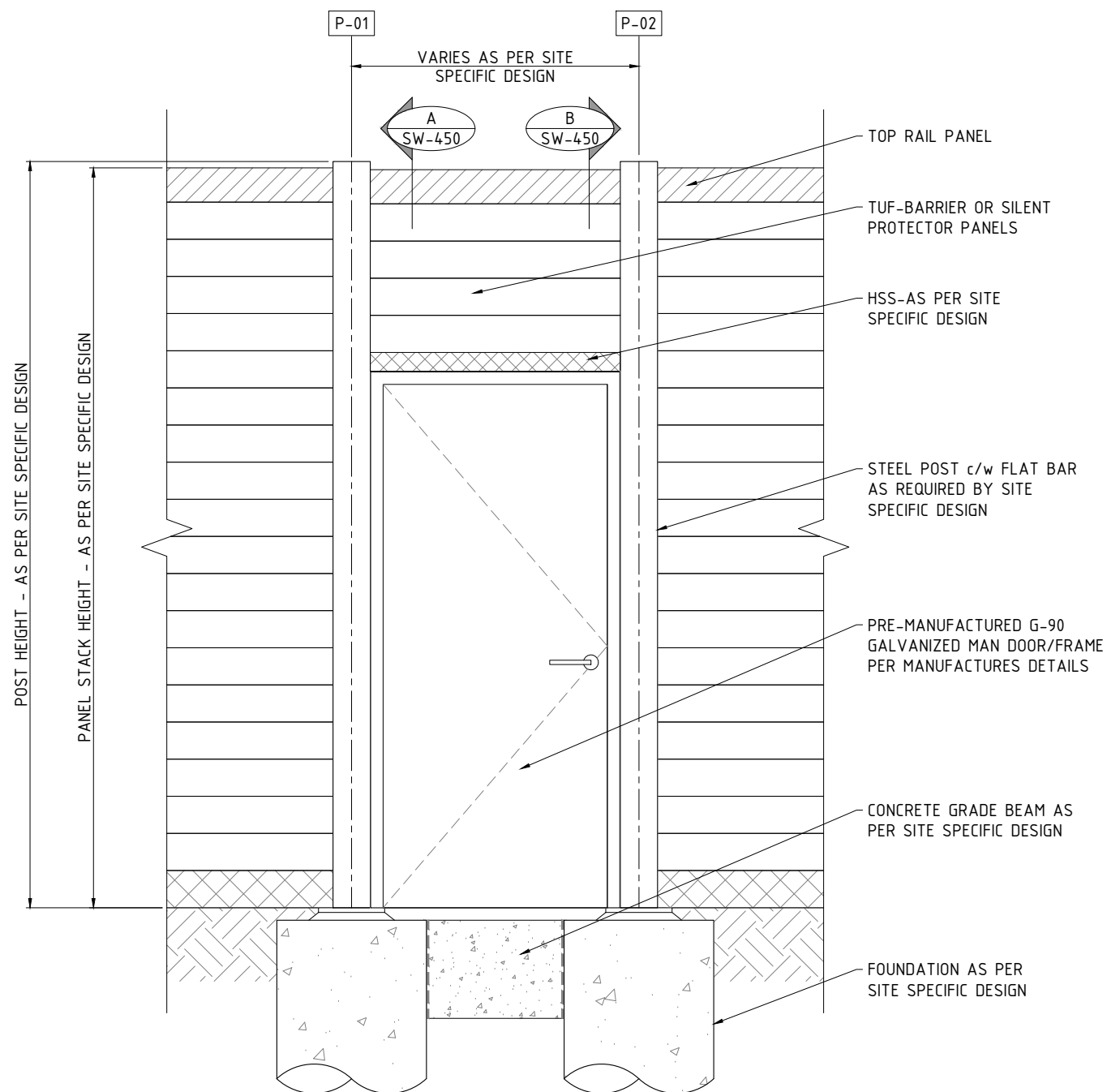
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SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
TYPICAL GATE FRAME DETAIL

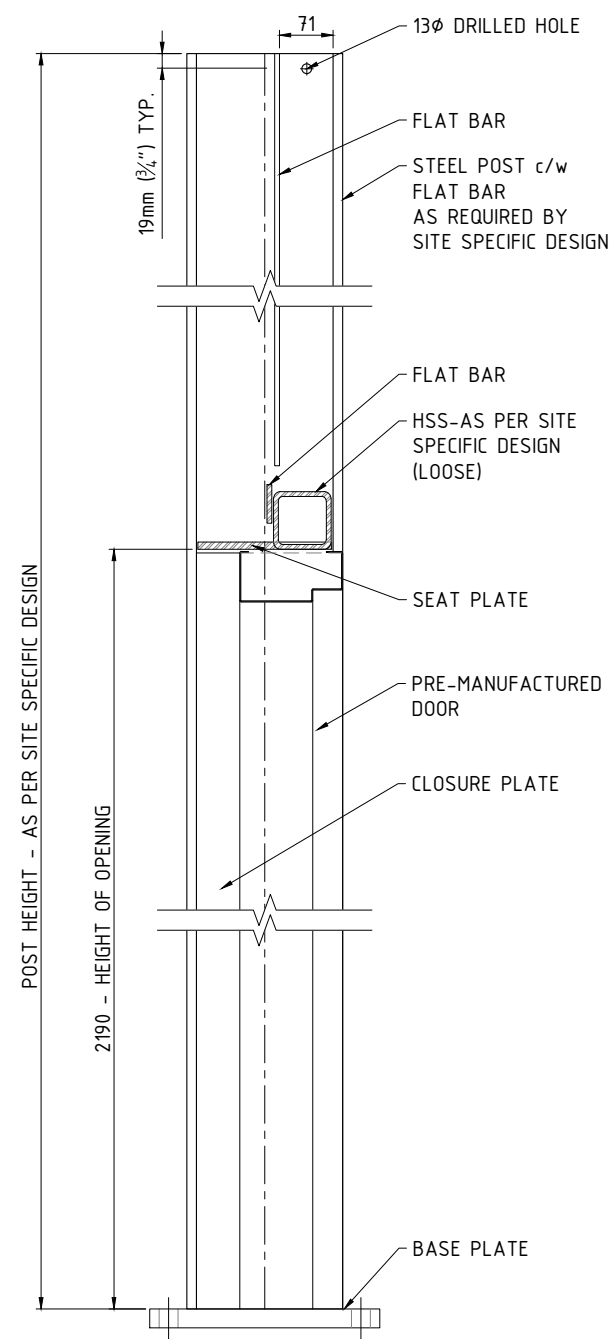
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|----------|---|---|----------------|---------------|
| DESIGNED | - | - | BRANCH P.O.    | CUSTOMER REF. |
| DES. CHK | - | - | -              | -             |
| DRAWN BY | - | - | PROJECT NUMBER | DWG NO.       |
| DWG. CHK | - | - | STD DRAWING    | SW-440        |
|          |   |   |                | REV. 1        |

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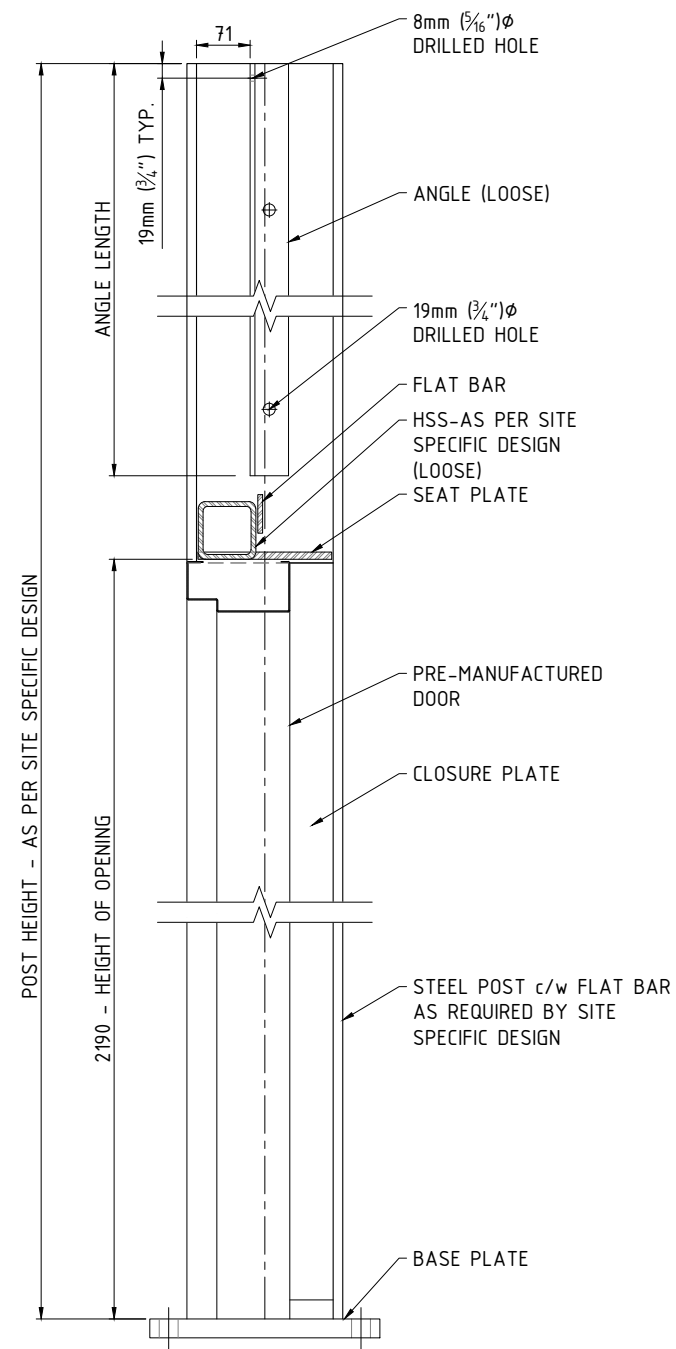
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TYPICAL PRE-MANUFACTURED MAN DOOR ASSEMBLY ELEVATION  
SCALE NTS



A POST 02 DETAIL - SIDE VIEW  
SW-450 SCALE: NTS



B POST 01 DETAIL - SIDE VIEW  
SW-450 SCALE: NTS

| REV NO. | DATE      | BY | DESCRIPTION        |
|---------|-----------|----|--------------------|
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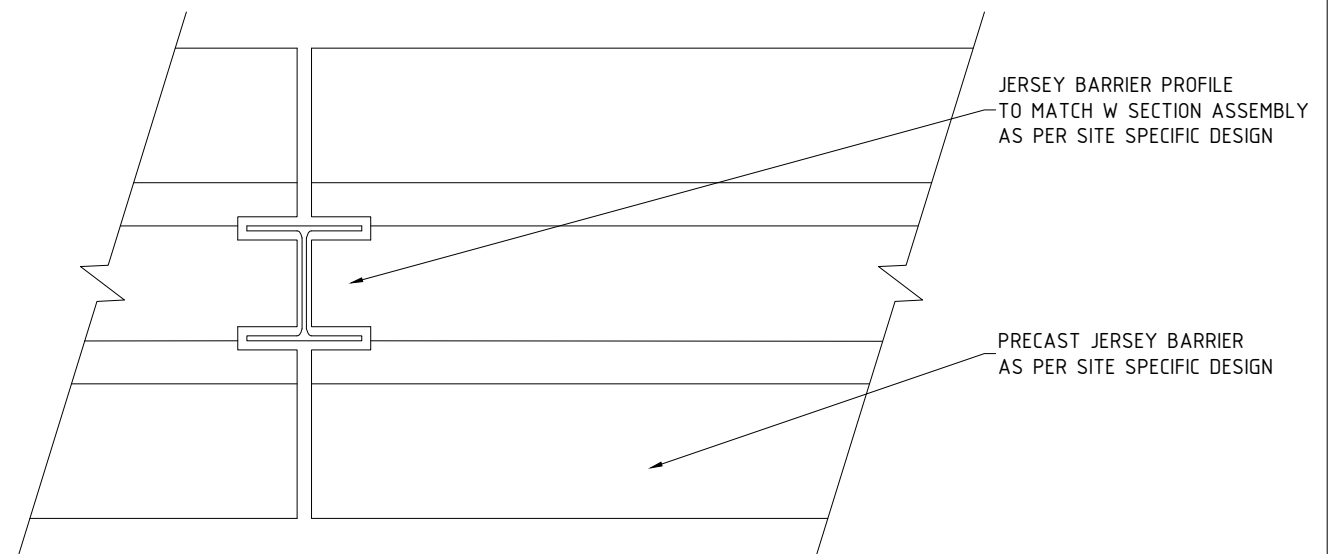
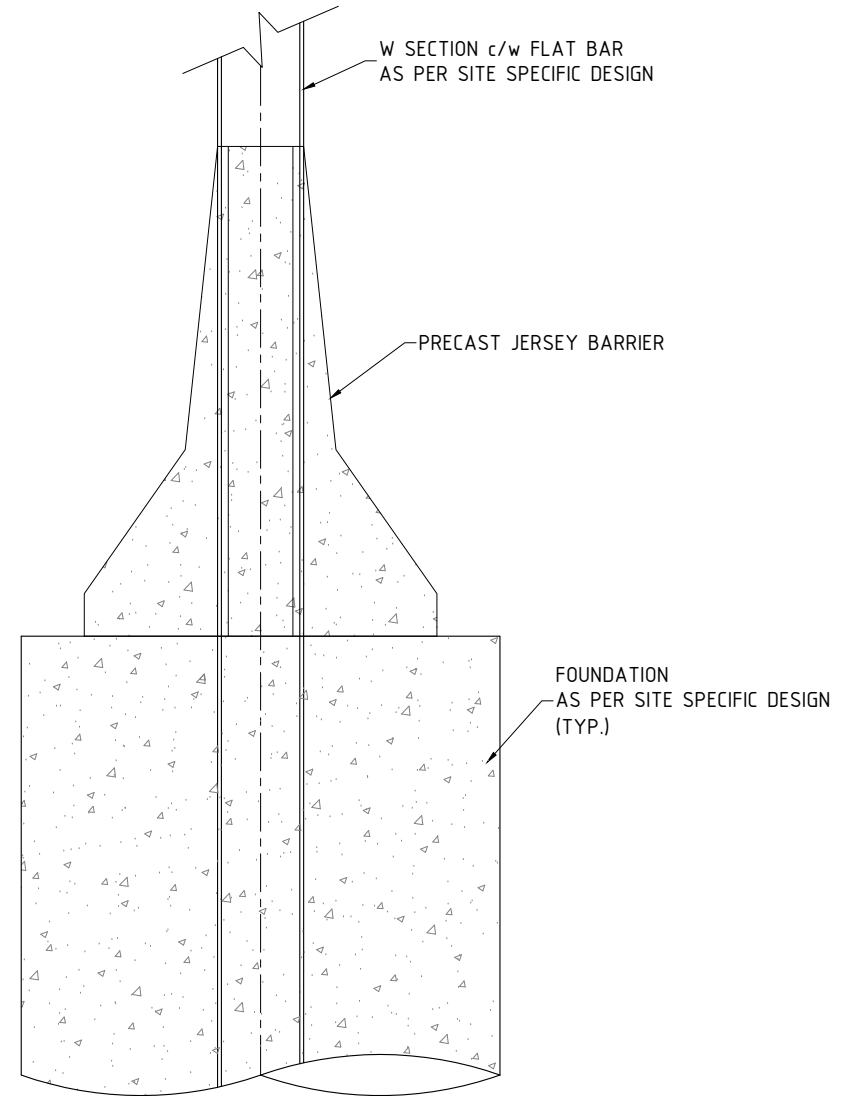
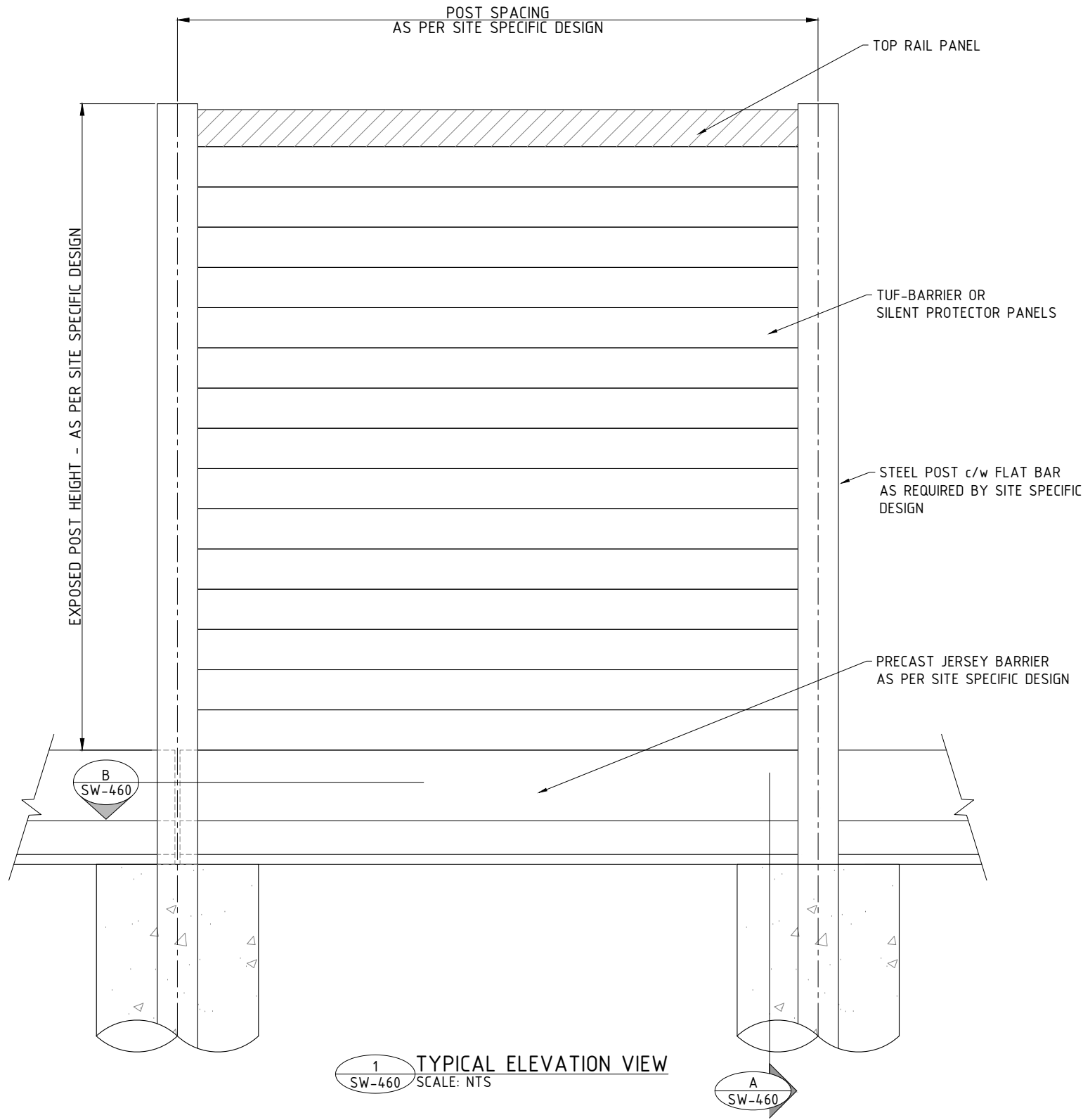


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SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
PRE-MANUFACTURED MAN DOOR DETAILS

|          |   |   |             |               |
|----------|---|---|-------------|---------------|
| DESIGNED | - | - | BRANCH P.O. | CUSTOMER REF. |
| DES. CHK | - | - | -           | -             |
| DRAWN BY | - | - | PROJECT     | DWG NO.       |
| DWG. CHK | - | - | NUMBER      | SW-450        |
|          |   |   | STD DRAWING | REV. 1        |

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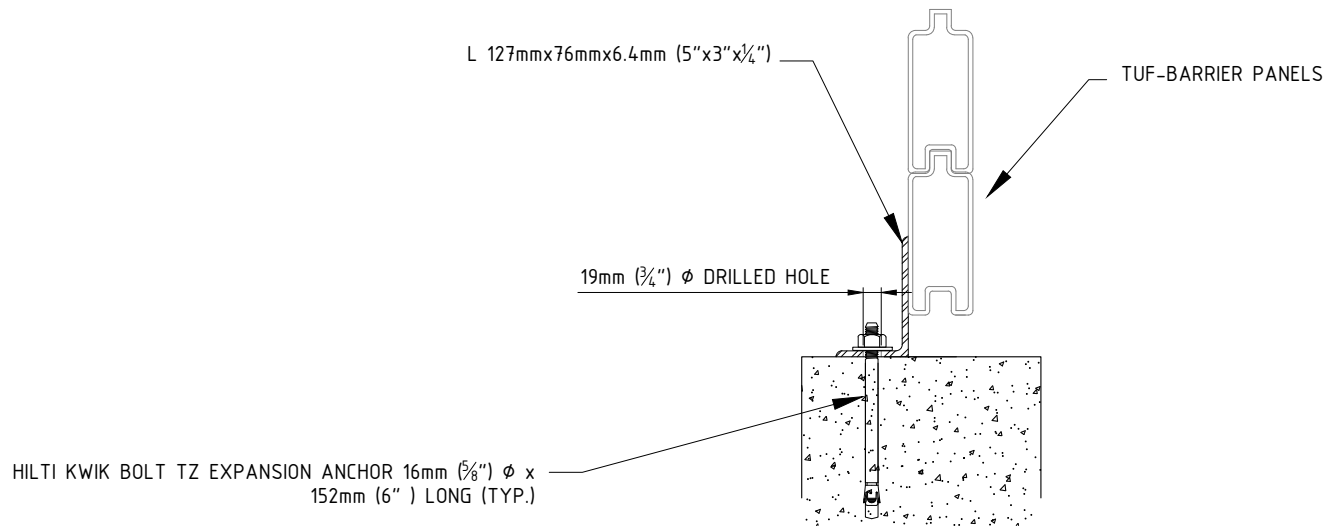
SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
JERSEY BARRIER DETAILS - EMBEDDED POST

|          |   |   |             |               |
|----------|---|---|-------------|---------------|
| DESIGNED | - | - | BRANCH P.O. | CUSTOMER REF. |
| DES. CHK | - | - | -           | -             |
| DRAWN BY | - | - | PROJECT     | DWG NO.       |
| DWG. CHK | - | - | NUMBER      | SW-460        |

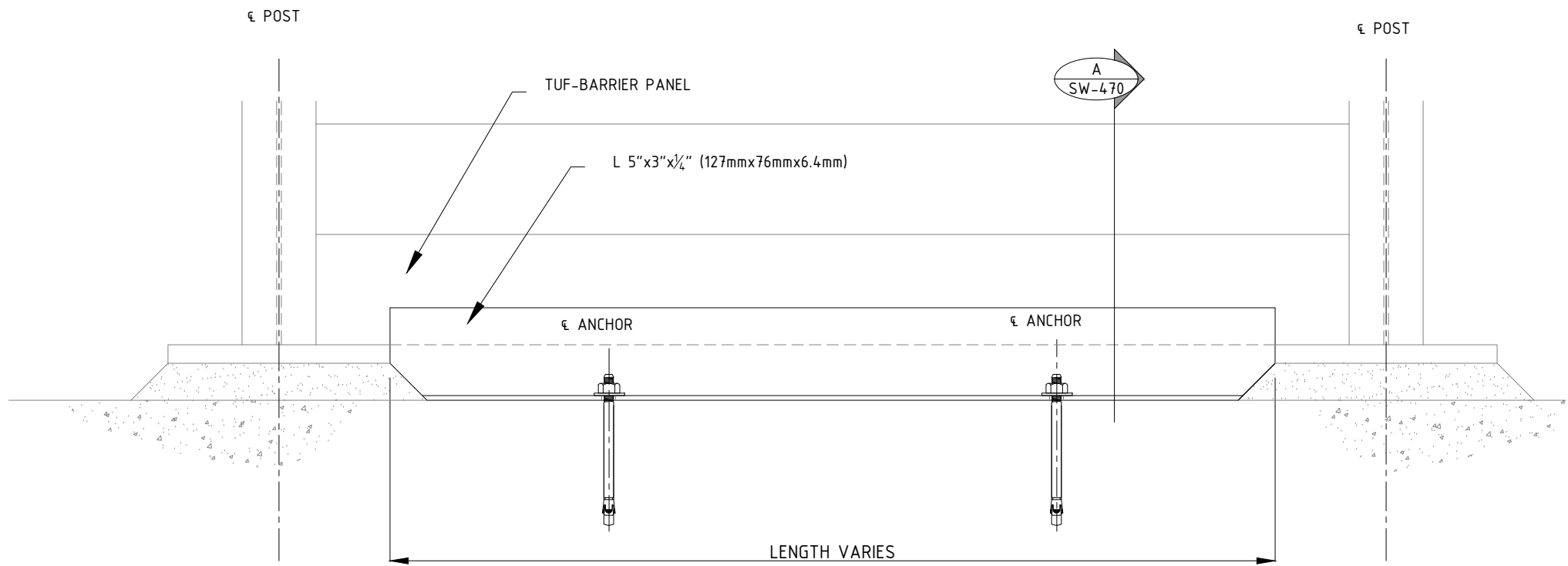
STD DRAWING

REV. 1

January 31, 2024 9:33:18 AM



**SECTION - TYPICAL ANGLE CROSS SECTION**  
SCALE: NTS



**TYPICAL ELEVATION VIEW ANGLE DETAIL**  
SCALE: N.T.S.

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|---------|-----------|----|--------------------|
| 1       | 31 JAN 24 | BW | GENERAL REVISIONS  |
| 0       | 30 NOV 12 | CG | ISSUED AS STANDARD |



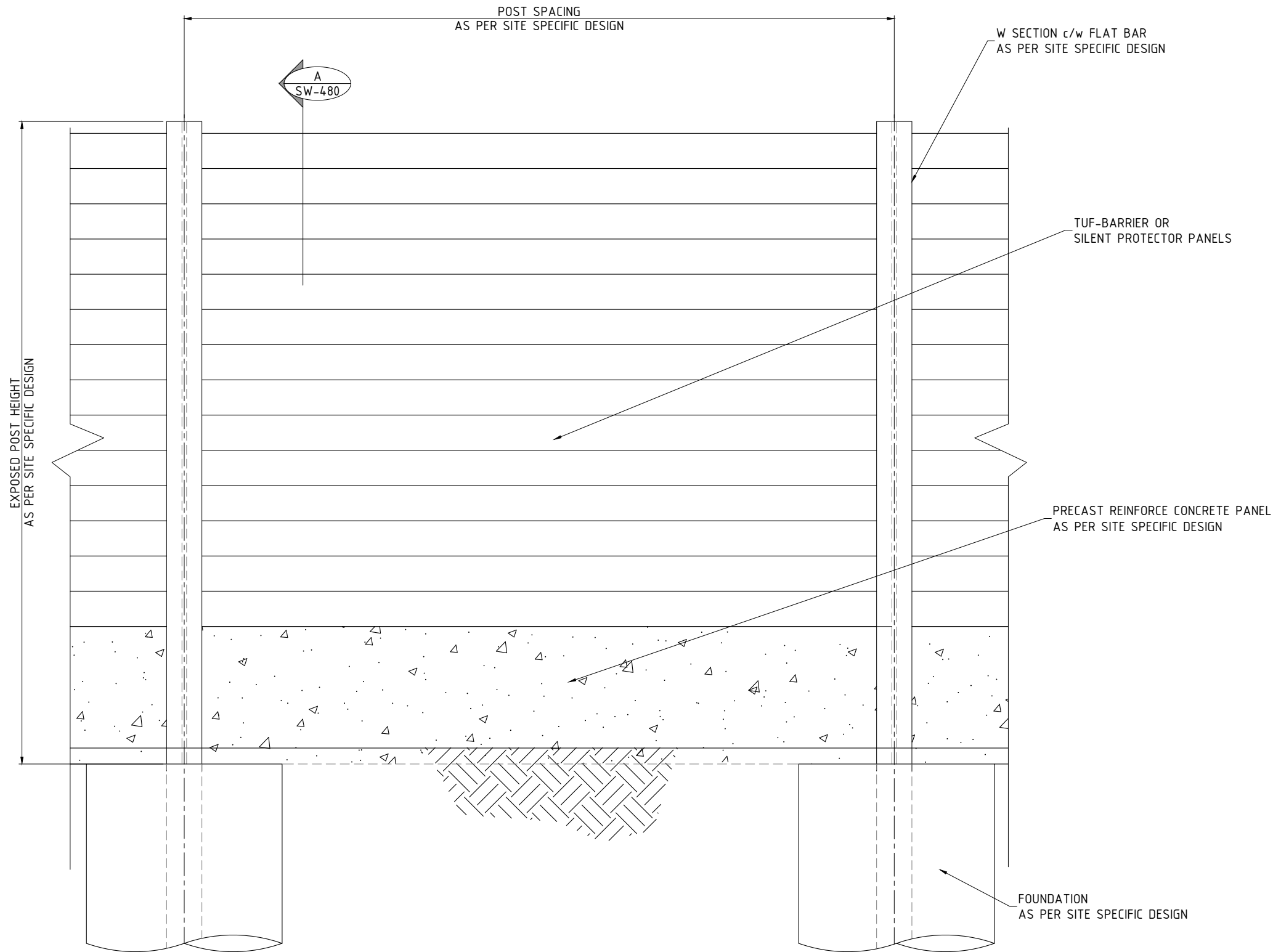
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SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
STRUCTURE MOUNTED CLOSURE PLATE DETAIL

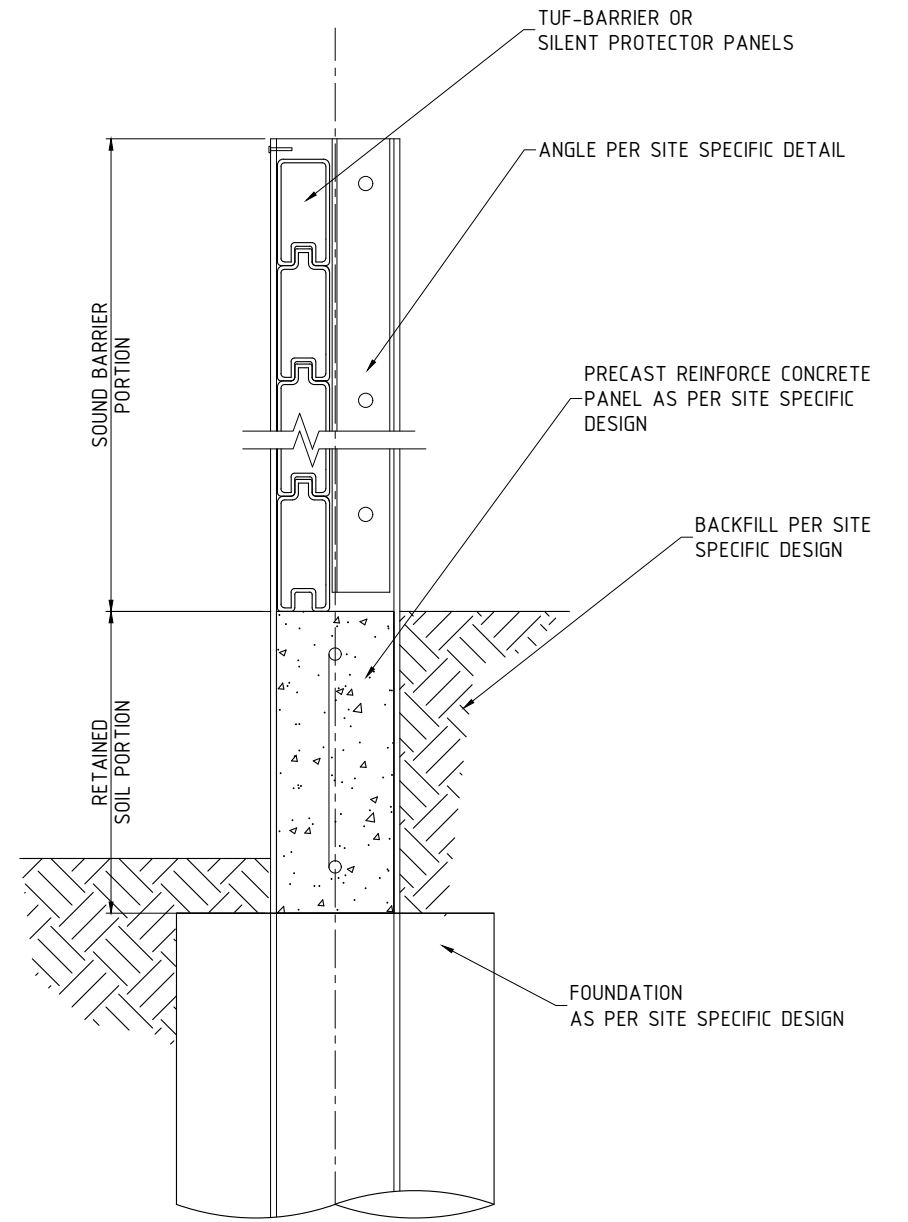
|          |   |   |             |               |
|----------|---|---|-------------|---------------|
| DESIGNED | - | - | BRANCH P.O. | CUSTOMER REF. |
| DES. CHK | - | - | -           | -             |
| DRAWN BY | - | - | PROJECT     | DWG NO.       |
| DWG. CHK | - | - | NUMBER      | SW-470        |
|          |   |   | STD DRAWING | REV. 1        |



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TYPICAL ELEVATION VIEW  
SCALE: N.T.S.



SECTION - TYPICAL ANGLE CROSS SECTION  
SCALE: N.T.S.

| REV NO. | DATE      | BY | DESCRIPTION        |
|---------|-----------|----|--------------------|
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SOUNDWALLS - STANDARD DRAWING  
ACCESSORIES  
PRECAST REINFORCED CONCRETE PANEL- SOIL RETENTION

|          |   |   |             |                |
|----------|---|---|-------------|----------------|
| DESIGNED | - | - | BRANCH P.O. | CUSTOMER REF.  |
| DES. CHK | - | - | -           | -              |
| DRAWN BY | - | - | PROJECT     | DWG NO. SW-480 |
| DWG. CHK | - | - | NUMBER      | REV. 1         |

STD DRAWING