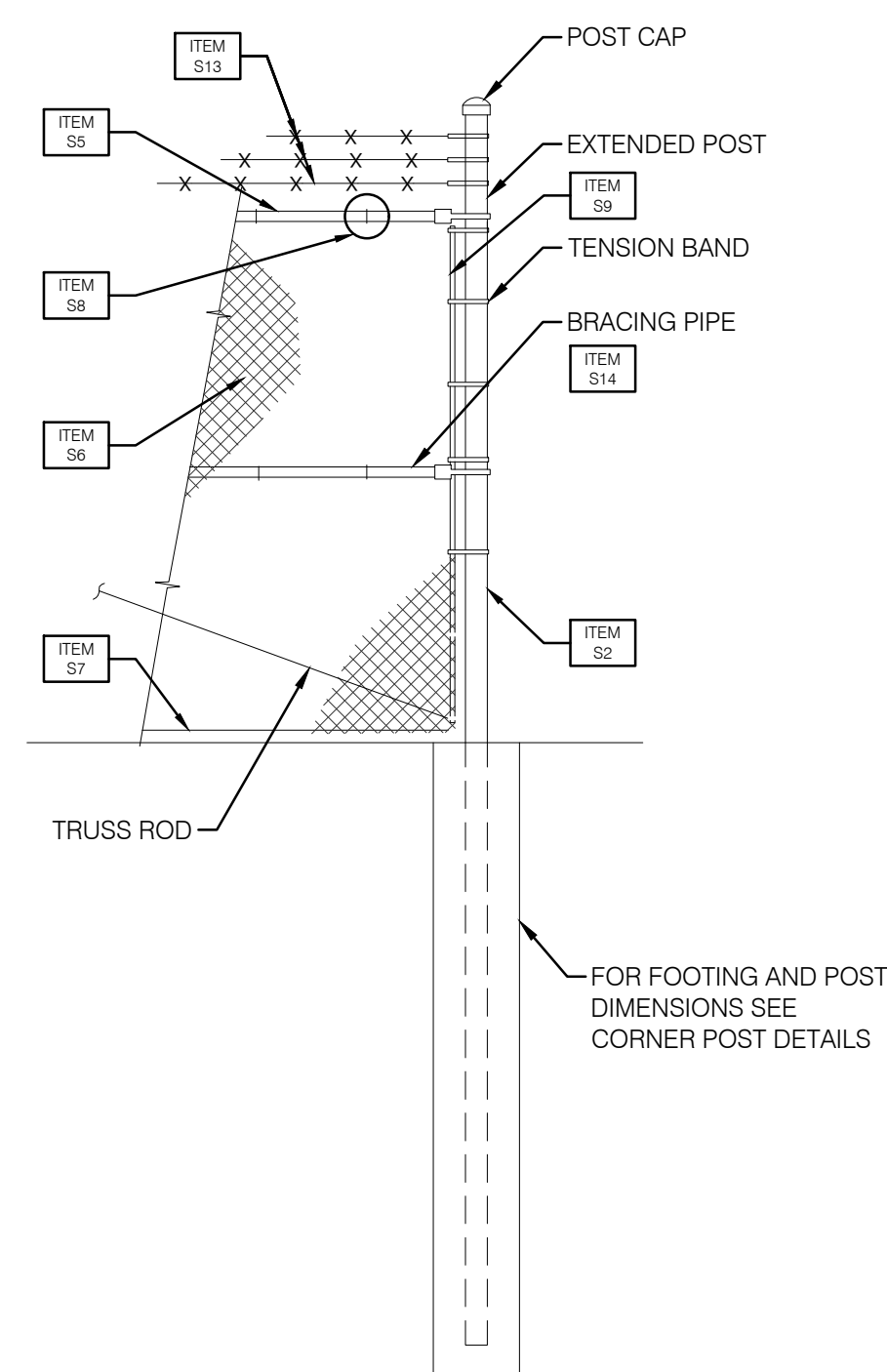
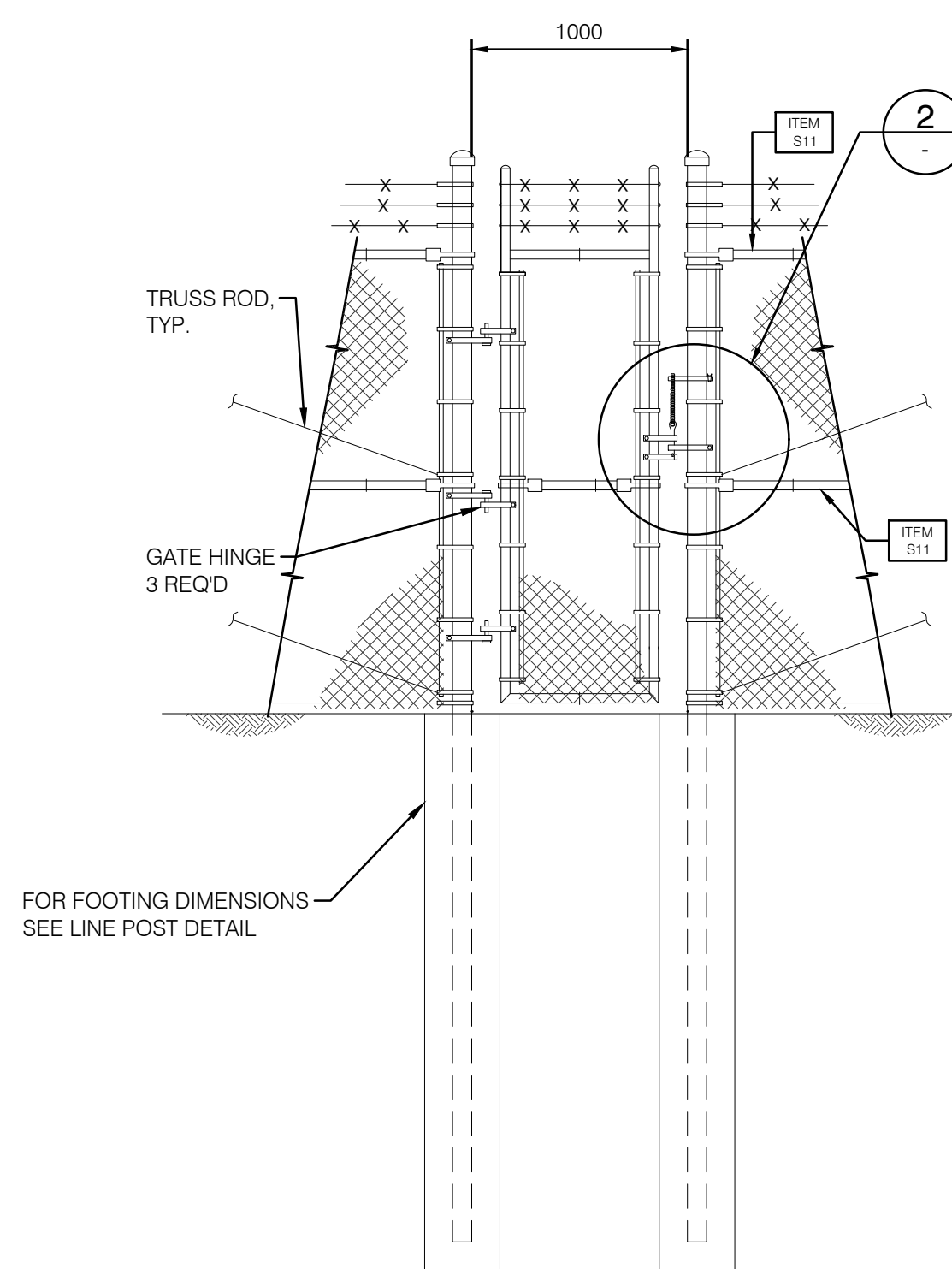
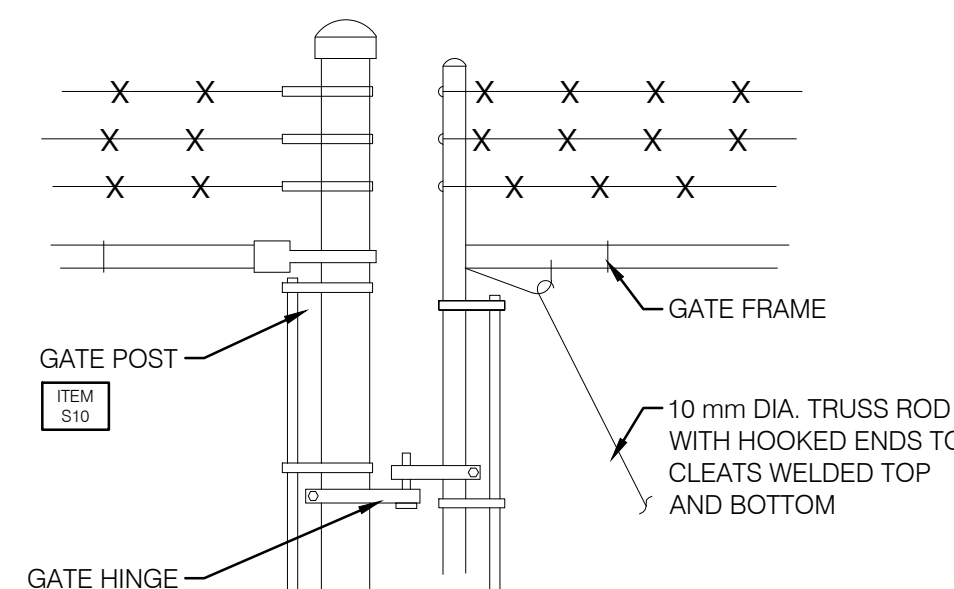




TYPICAL LINE POST DETAIL
(WITH OR WITHOUT BRACING)



TYPICAL MAN GATE DETAIL



2 DETAIL
- 1:15

1. CORNER POST: 88.9MM O.D. SCH. 40 STEEL PIPE COMPLETE WITH EXTENSION ARM, TWO HORIZONTAL 42.2MM O.D. SCH. 40 BRACING PIPES AND TENSION BARS WITH BRACE AND TENSION BANDS, TWO 10 DIA. TRUSS RODS AND TURNBUCKLE ASSEMBLIES.

2. END POST: 88.9MM O.D. SCH. 40 STEEL PIPE COMPLETE WITH CAP FOR END POST, ONE HORIZONTAL 42.2MM SCH. 40 O.D. BRACING PIPE AND ONE TENSION BAR WITH BRACE AND TENSION BANDS, ONE 10 DIA. TRUSS ROD AND TURNBUCKLE ASSEMBLY.

3. LINE POST WITH BRACING: 60.3MM O.D. SCH. 40 O.D. STEEL PIPE WITH EXTENSION ARM, ONE HORIZONTAL 42.2MM SCH. 40 O.D. STEEL BRACING PIPE WITH BRACE BANDS, ONE 10 DIA. TRUSS ROD AND TURNBUCKLE ASSEMBLY, 3.8MM DIA. (9 GA) WIRE TIES.

4. LINE POST: 60.3MM O.D. SCH. 40 STEEL PIPE WITH POST TOP AND 3.8MM DIA. (9 GA) WIRE TIES.

5. TOP RAIL: 42.2MM O.D. SCH. 40 STEEL PIPE INCLUDING SLIP-ON COUPLING SLEEVE AND SCREWS FOR EACH STD LENGTH.

6. FABRIC: TYPE 1 STEEL FABRIC WITH 50MM MESH AND 3.9MM DIA. (9 GA) WIRE. FABRIC WIRE SHALL BE TWISTED (MIN. 2 TURNS) AT TOP AND BOTTOM.

7. BOTTOM WIRE: 5.0MM DIA. WIRE AT BOTTOM OF FABRIC COMPLETE WITH TURNBUCKLE AND TENSION BAND.

8. WIRE TIES: 3.8MM DIA. STEEL WIRE TIES SHALL BE TWISTED MIN 2 TURNS AND EXCESS TAILS TO BE CUT OFF CLOSELY AT THE TWISTS.

9. TENSION BAR: 20MM X 5MM ON TERMINAL POSTS AND GATES.
TENSION BAND: 20MM X 3MM

10. 3000mm DOUBLE GATE POST: 88.9MM O.D. SCH. 40 STEEL PIPE COMPLETE WITH CAP FOR END POST, ONE TENSION BAR BRACE AND TENSION BANDS, ONE 10 DIA. TRUSS ROD AND TURNBUCKLE ASSEMBLY.
4000mm DOUBLE GATE POST: 114.3MM O.D. SCH. 40 STEEL PIPE COMPLETE WITH CAP FOR END POST, ONE TENSION BAR BRACE AND TENSION BANDS, ONE 10 DIA. TRUSS ROD AND TURNBUCKLE ASSEMBLY.

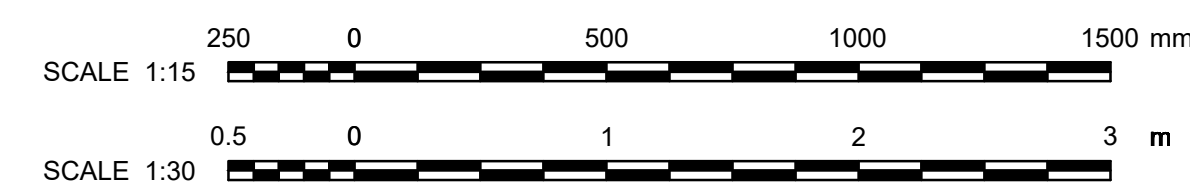
11. 3000mm DOUBLE GATE FRAME: 42.2MM O.D. SCH. 40 STEEL PIPE.
4000mm DOUBLE GATE FRAME: 48.3MM O.D. SCH. 40 STEEL PIPE.

12. 3000mm DOUBLE GATE VERTICAL PIPE BRACE: 42.2MM O.D. SCH. 40 STEEL PIPE.
4000mm DOUBLE GATE VERTICAL PIPE BRACE: 48.3MM O.D. SCH. 40 STEEL PIPE.

13. 3 STRANDS OF BARBED WIRE HOT-DIP GALVANIZED. BARBED WIRE SHALL BE GALVANIZED STEEL WITH 2.5MM DIA., BARBS 150MM APART, 4 SPIKES.

14. BRACING PIPE: 42.2MM O.D. SCH. 40 STEEL PIPE INCLUDING SLIP-ON COUPLING SLEEVE AND SCREWS FOR EACH STD LENGTH.

FOR PERMITTING



		AB	FOR PERMITTING	E. AMELI	M. SHAHRABI	2025-06-1
-	-	AA	FOR COMMENTS	A. SIEW	F. HATAMI, P.ENG, P.E.O NO. 100628041	2025-03-0
DRAWING No.	DESCRIPTION	REV	DESCRIPTION	PREPARED BY	CHECKED BY	DATE
REFERENCE DRAWINGS			REVISIONS			

SEAL:	
-------	--



Evolugen
by Brookfield Renewable

PROJECT:	SOUTH MARCH BESS 2556 MARCHURST ROAD, OTTAWA
----------	---

TITLE: CIVIL
SECURITY FENCING
CHAIN LINK FENCE
STANDARD DETAILS

PREPARED BY: A. SIEW	DRAFTED BY: S. PARK
CHECKED BY: A. SIEW	APPROVED BY: F. HATAMI, P.Eng, P.E.O No.10062804
SCALE: AS SHOWN	DATE: 2025-02-06

DRAWING No.:		SHEET:	SIZE:	REV.
7154023-100000-41-D90-0001		01	A1	AB