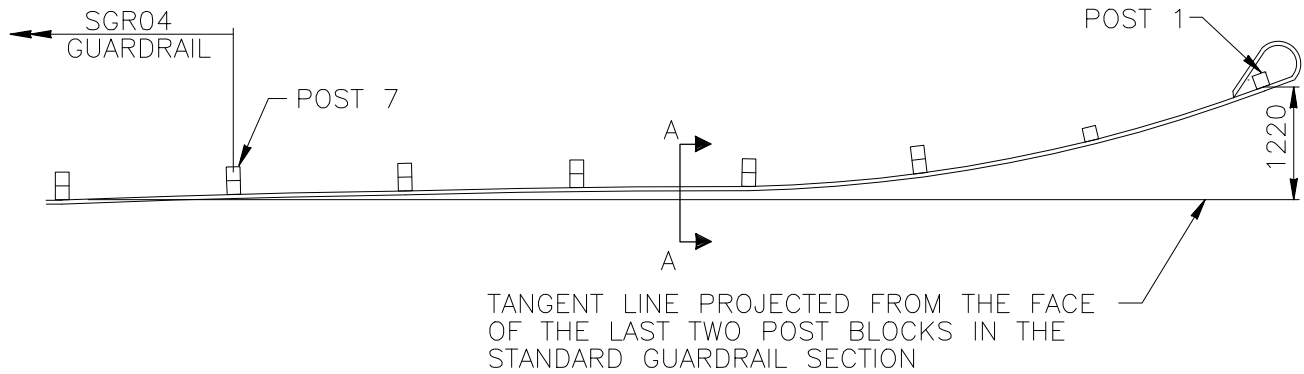
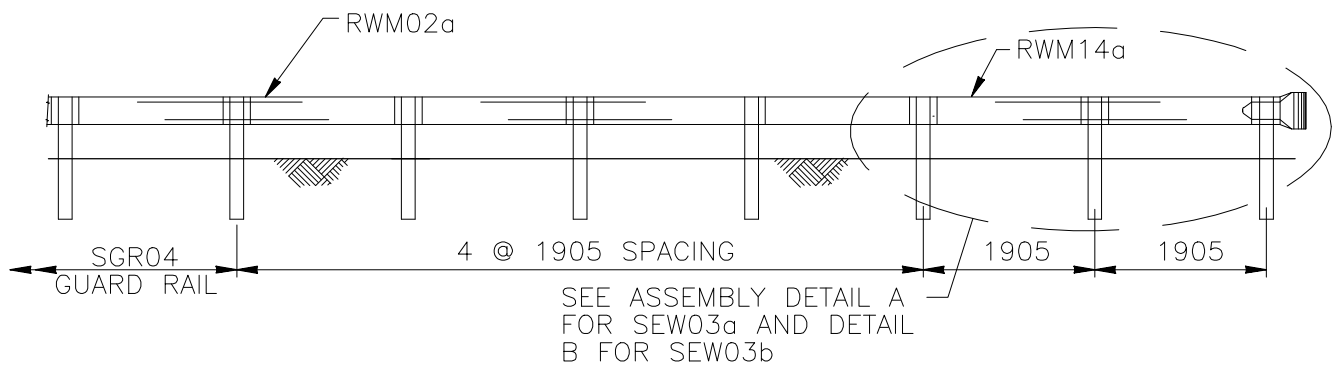
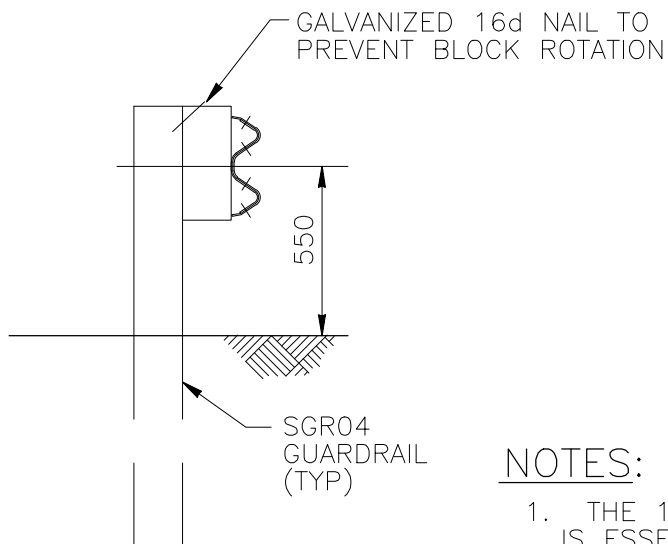




PLAN



ELEVATION



SECTION A-A

POST	OFFSET FROM TANGENT
1	1220
2	850
3	550
4	310
5	140
6	35
7	0

NOTES:

1. THE 1220 FLARE AT THE BCT TERMINAL END IS ESSENTIAL TO PROPER BCT PERFORMANCE.
2. DIMENSIONS SHOWN FOR POST LAYOUT ARE TO THE BLOCKOUT EXCEPT FOR THE FIRST TWO POSTS WHERE NO BLOCKOUTS ARE USED.

1992

TIMBER-POST BREAKAWAY CABLE TERMINAL

SEW03a-b

SHEET NO.

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INTENDED USE

The breakaway cable terminal (BCT) can be used to anchor and safely terminate any SGR04 guardrail. The BCT is one of the most widely used crash-tested guardrail terminals in the United States. If the foundation tube and soil plate are driven into the soil, proper care should be taken to insure that the soil plate fasteners are not broken during the driving process.

COMPONENTS

Unit Length = 11,430

Designator	Component	System	Number
FBB01	Guardrail splice bolts	a-b	32
FBB02	Guardrail bolt and nut	a-b	1
FBB03	Guardrail post bolt and nut	a-b	2
FBB04	Guardrail-post bolt and nut	a-b	5
FBC16a	Washers	a-b	8
FBX16a	Bracket bolt (40 mm) and nut	a-b	8
FBX16a	Hex head bolt (200 mm) and nut	a	4
FBX16a	Hex bolt (250 mm) and nut	a-b	2
FCA01	BCT cable anchor, nuts and washers	a-b	1
FMM02	BCT post sleeve	a-b	1
FPA01	Cable anchor bracket	a-b	1
FPB01	Cable anchor bearing plate	a-b	1
FWC16a	Circular washer	a	19
FWR03	Rectangular guardrail washer	a-b	3
PDB01	Timber post blackout	a-b	5
PDE02	Timber posts	a-b	5
PDF01	BCT timber post	a	2
PDF02	Long BCT timber post	b	2
PLS03	Soil plate	a	2
POF01	Concrete foundation	b	2
PTE05	Foundation tube	a	2
RWE02b	W-beam terminal connector	a-b	1
RWE05a	W-beam end section (buffer)	a-b	1
RWM02a	W-beam rail	a-b	2
RWM14a	W-beam terminal rail	a-b	1

TIMBER-POST BREAKAWAY CABLE TERMINAL

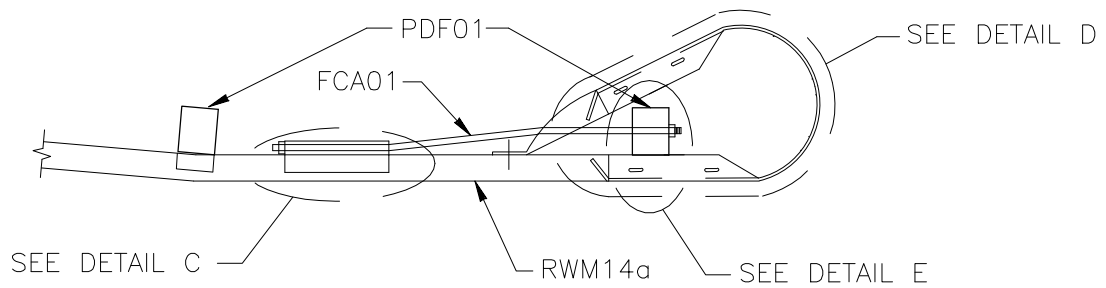
SEW03a-b

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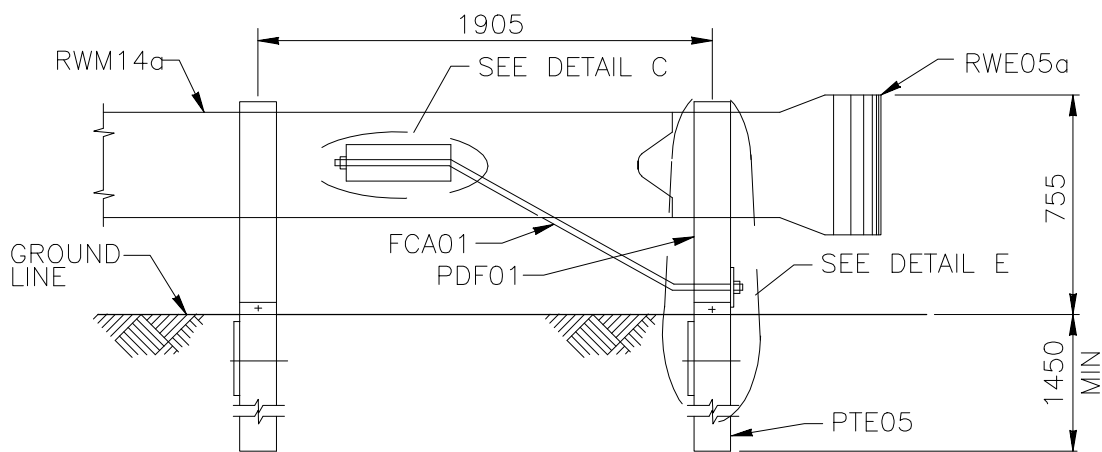
REF. NO.

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PLAN



ELEVATION

DETAIL A: BUFFERED END & ANCHORAGE—SEW03a

TIMBER-POST BREAKAWAY CABLE TERMINAL

SEW03a-b

SHEET NO.

REF. NO.

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TIMBER-POST BREAKAWAY CABLE TERMINAL

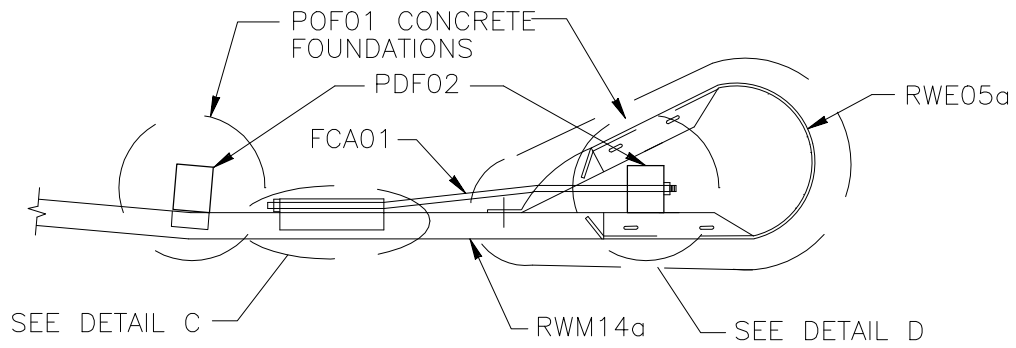
SEW03a-b

SHEET NO.

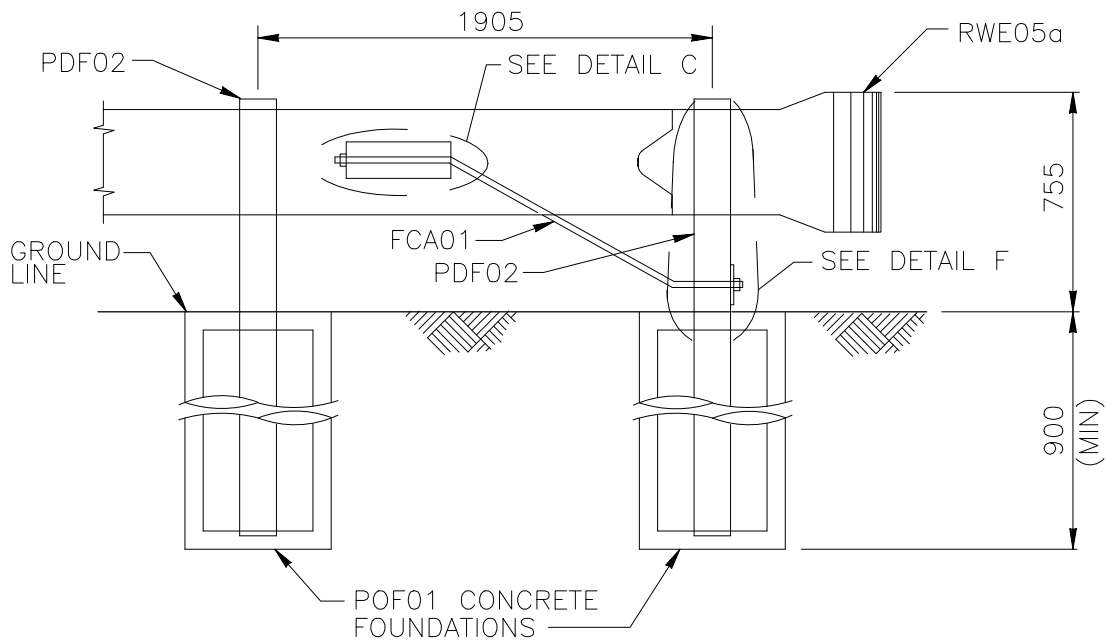
REF. NO.

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PLAN



ELEVATION

DETAIL B: BUFFERED END & ANCHORAGE—SEW03b

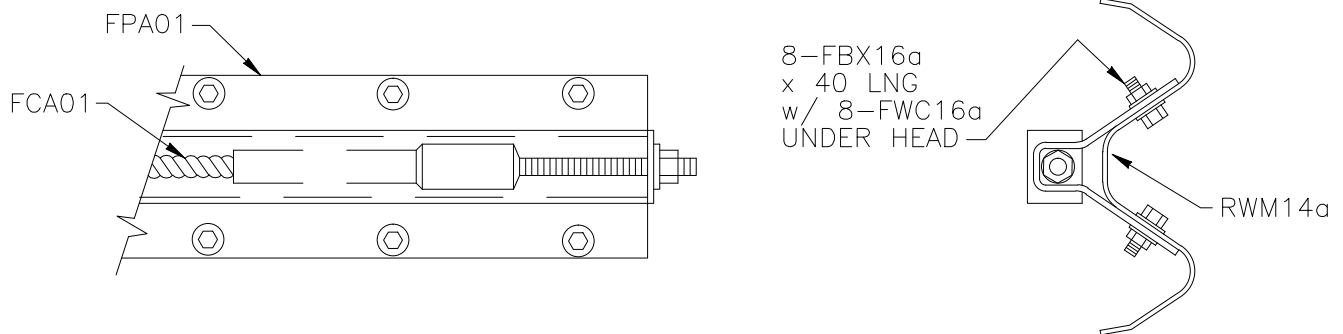
TIMBER-POST BREAKAWAY CABLE TERMINAL

SEW03a-b

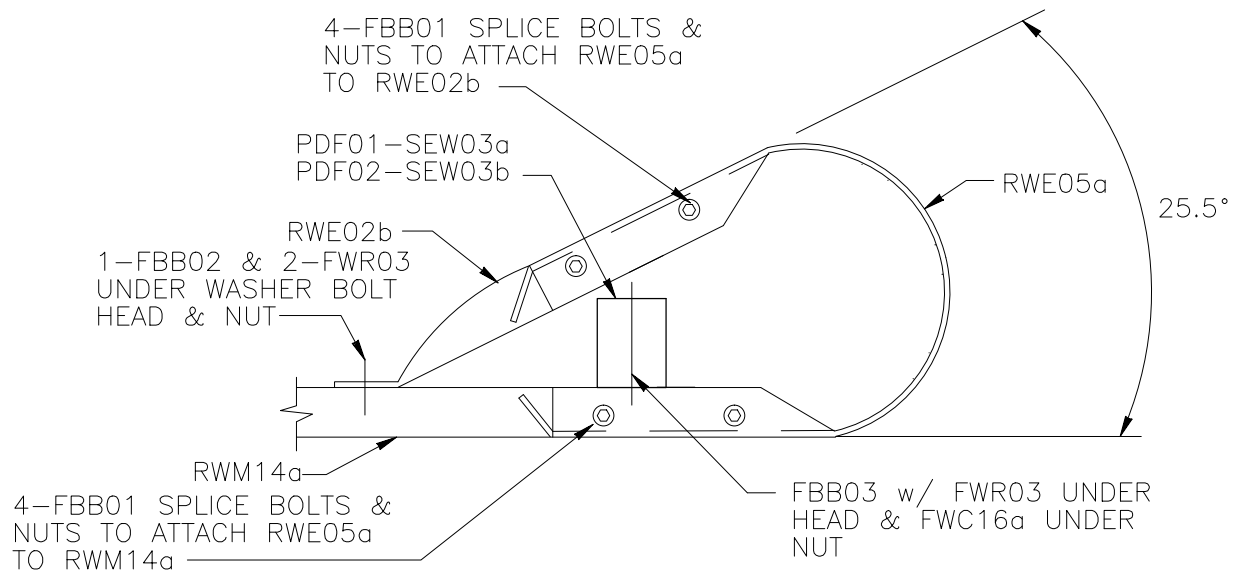
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REF. NO.

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DETAIL C: ANCHOR PLATE ASSEMBLY DETAILS



DETAIL D: END SECTION ASSEMBLY DETAILS

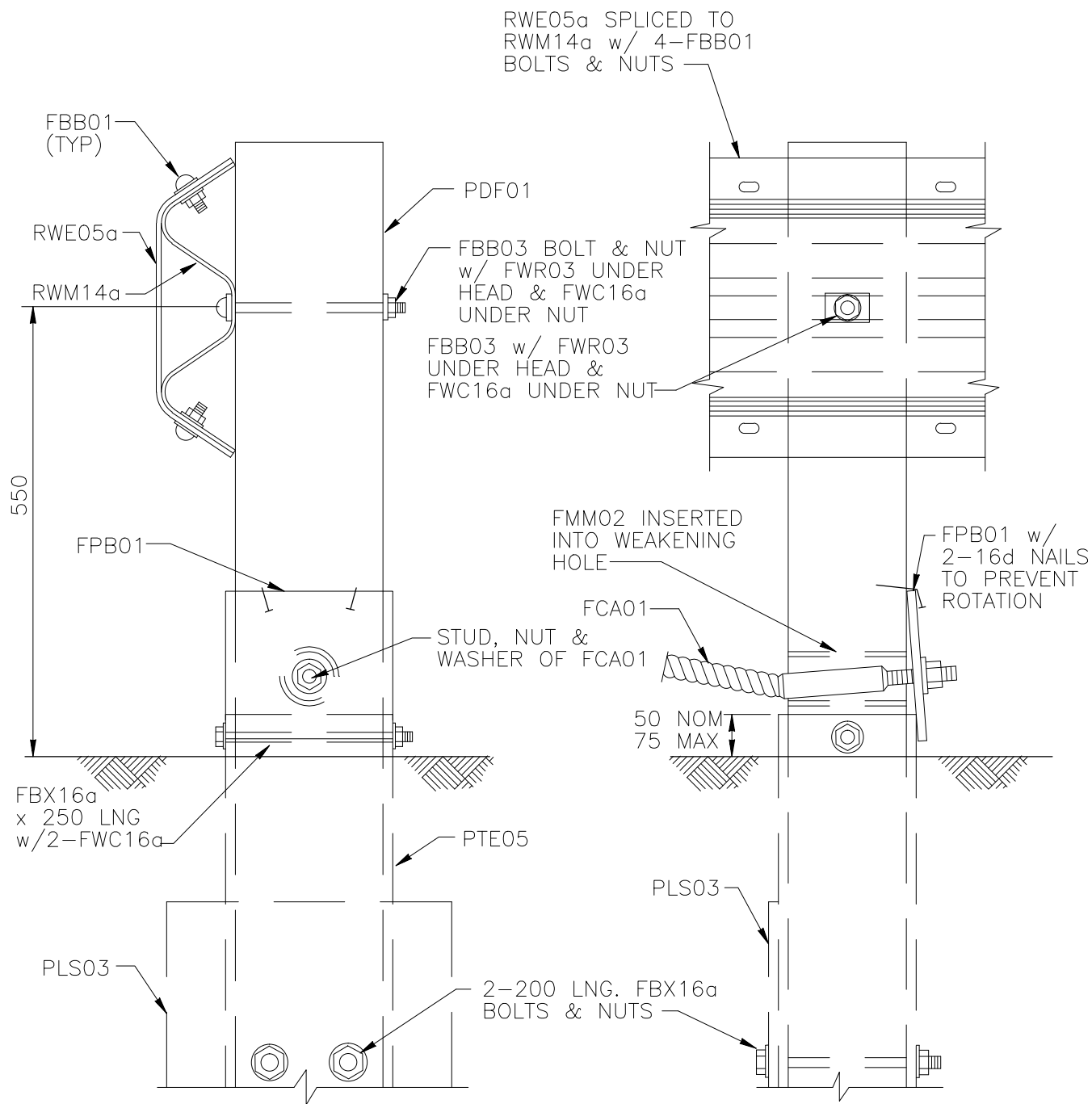
TIMBER-POST BREAKAWAY CABLE TERMINAL

SEW03a-b

SHEET NO.

REF. NO.

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DETAIL E: POST 1 ASSEMBLY-SEW03a

TIMBER-POST BREAKAWAY CABLE TERMINAL

SEW03a-b

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REF. NO.

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