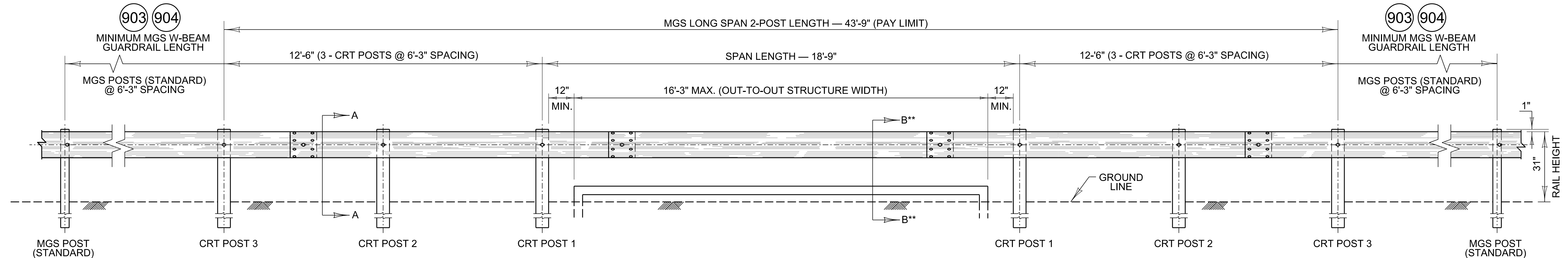


MGS LONG SPAN (2-POST AND 3-POST)\* — PLAN



\* MGS LONG SPAN 3-POST ELEVATION DETAILS ARE SHOWN ON RBR-200, SHEET 10.

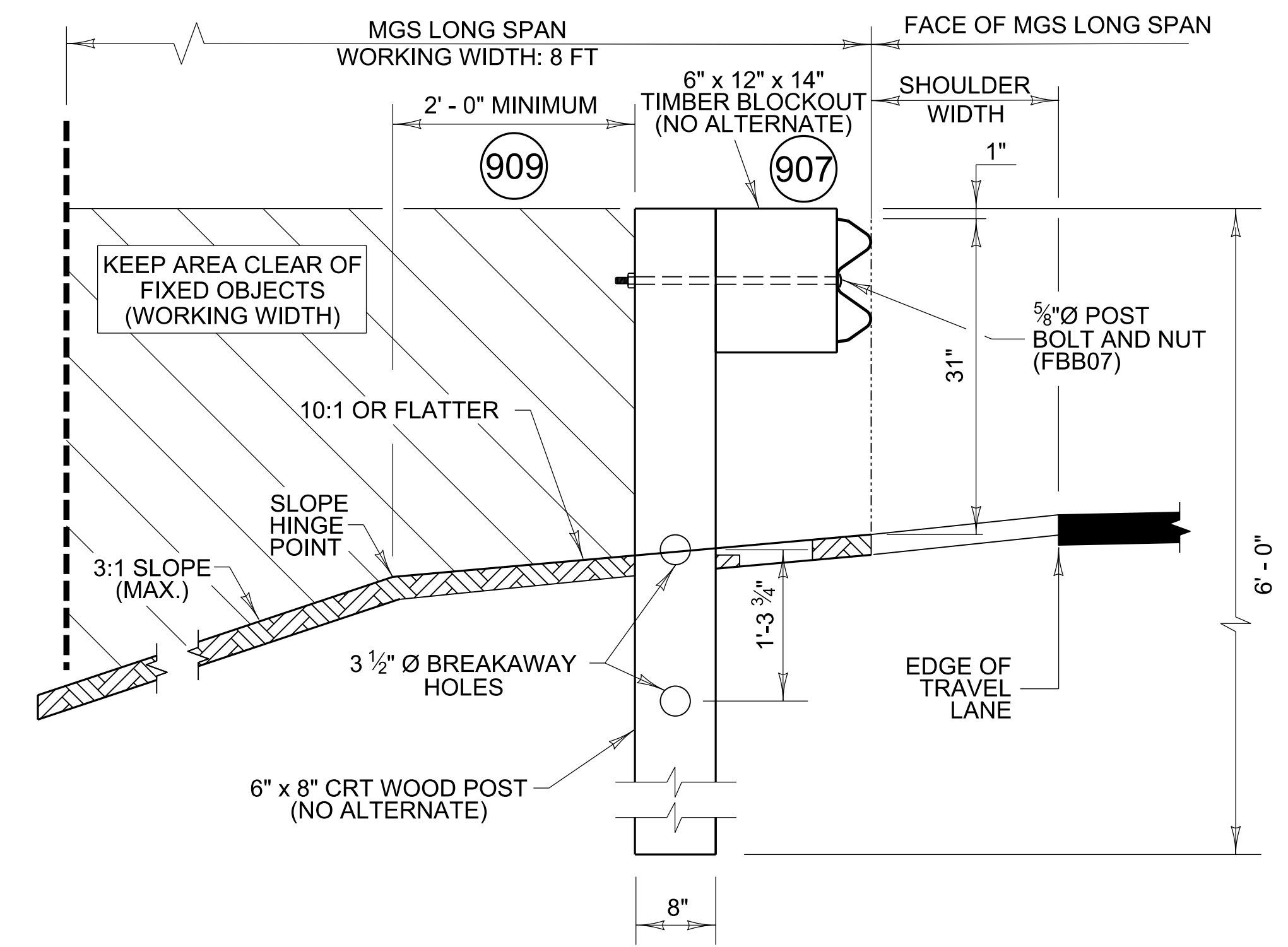
\*\*SEE RBR-200, SHEET 10 FOR SECTION B - B.



MGS LONG SPAN (2 POSTS OMITTED) — ELEVATION

~ NOTES ~

- 901. THE MGS LONG SPAN CONFIGURATIONS, 2-POST AND 3-POST HAVE BEEN CRASH TESTED AND ARE MASH TL-3 APPROVED.
- 902. MGS LONG SPAN INSTALLATIONS REQUIRE A WORKING WIDTH OF APPROXIMATELY 8 FT. DO NOT INSTALL WHERE FIXED OBJECTS ARE LOCATED WITHIN 8 FT OF THE FACE OF GUARDRAIL (SEE PLAN VIEW). FOR THE EFFECT OF CULVERT HEADWALL HEIGHT ON WORKING WIDTH, SEE NOTES 1001 AND 1002 IN RBR-200, SHEET 10.
- 903. PROVIDE A MINIMUM OF 25'-0" OF MGS W-BEAM GUARDRAIL BETWEEN CRT POST 3 AND THE BEGINNING OF ANY OF THE FOLLOWING:
  - TYPE 1 END TREATMENT (POST 1, RBR-020)
  - THRIE-BEAM GUARDRAIL TRANSITION (PAY LIMIT, BHS-013 AND BHS-014)
  - QUARTER-POST SPACING (RBR-200, SHEET 2, NOTE 209)
- 904. PROVIDE A MINIMUM OF 62'-6" OF MGS W-BEAM GUARDRAIL BETWEEN CRT POST 3 AND THE BEGINNING OF ANY OF THE FOLLOWING:
  - TYPE 3 END TREATMENT (WHERE FLARING STARTS, RBR-030)
  - TYPE 4A END TREATMENT (PAY LIMIT, RBR-035)
  - ANY FLARED GUARDRAIL
- 905. SEE RBR-200, SHEET 8, FOR MINIMUM DISTANCE REQUIREMENTS BETWEEN AN MGS LONG SPAN AND AN OMITTED POST.
- 906. ONLY CRT POSTS ARE PERMITTED WITHIN THE MGS LONG SPAN PAY LIMITS.
- 907. FOR MGS LONG SPAN CONFIGURATIONS, USE 6" x 12" x 14" TIMBER BLOCKOUTS ONLY. OTHER BLOCKOUT TYPES ARE NOT PERMITTED.
- 908. THE FOLLOWING STANDARD MGS GUARDRAIL INSTALLATION NOTES APPLY TO MGS LONG SPAN CONFIGURATIONS: RBR-200, SHEET 1, NOTES 106, 107, 109, 111, AND 112.
- 909. PROVIDE A MINIMUM 2'-0" HORIZONTAL WIDTH OF EMBANKMENT BEHIND CRT POSTS TO THE SLOPE HINGE POINT FOR 3:1 OR FLATTER SLOPES.
- 910. MAINTAIN A GUARDRAIL HEIGHT OF 31" THROUGHOUT MGS LONG SPAN CONFIGURATIONS AND FOR 12'-6" BEFORE AND AFTER EACH MGS LONG SPAN. WHEN TRANSITIONING TO A HEIGHT LESS THAN 31", SEE STANDARD DRAWING RBR-018.
- 911. MGS LONG SPAN INSTALLATIONS ARE NOT PERMITTED ADJACENT TO A CURB.
- 912. CRT = CONTROLLED RELEASE TERMINAL POSTS



SECTION A - A: MGS LONG SPAN — CRT POST INSTALLATION

BID ITEM AND UNIT TO BID	
MGS LONG SPAN - 2 POST	EACH
MGS LONG SPAN - 3 POST	EACH