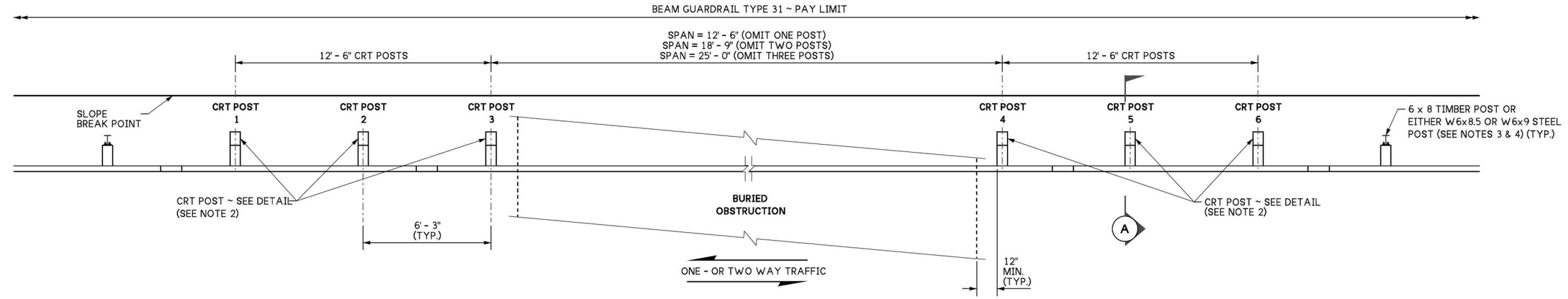
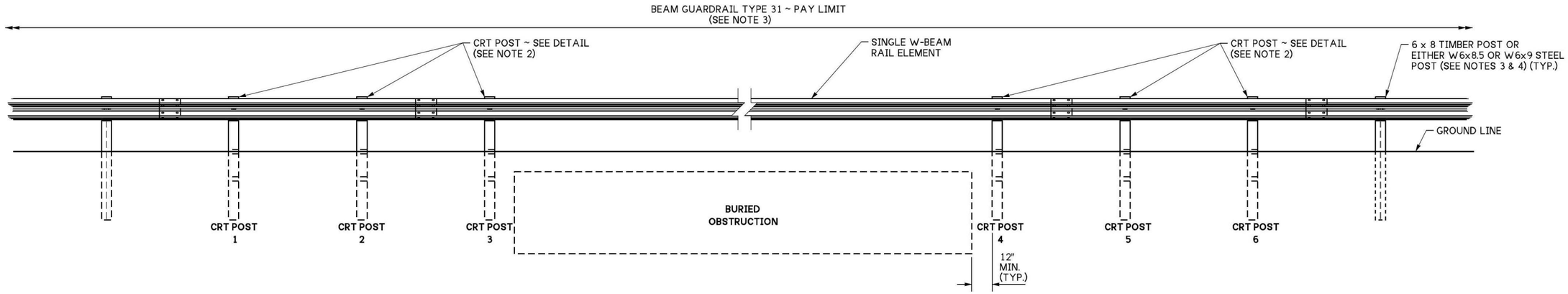
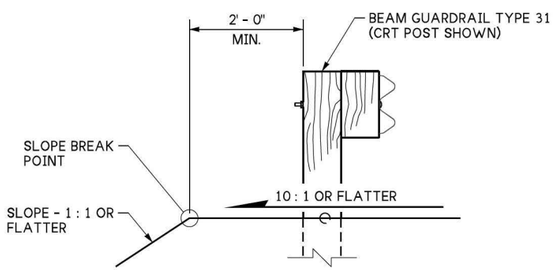


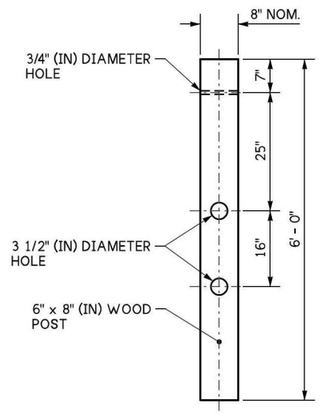
PLAN



ELEVATION



SECTION (A)
(SEE NOTE 5)



CONTROLLED RELEASING TERMINAL (CRT) POST DETAIL

NOTES

1. For additional details not shown on this plan, refer to **Standard Plan C-20.10 and C-1b**.
2. CRT post to be wood.
3. Install at least **62' - 6"** (10 post spacings) of Type 31 guardrail upstream and downstream from CRT posts **1** and **6** (terminals and anchors, included in length). Provide at least 12.5 - feet of Type 31 guardrail before installing terminals and anchors.
4. Install at least **62' - 6"** (10 post spacings) of tangent Type 31 guardrail from CRT Posts **3** and **4** before starting a taper or radius rail guardrail.
5. Grading requirements for buried obstructions not requiring headwalls must begin at least **43' - 9"** (7 posts spacings) before CRT post **3**, extend thru the obstruction area, and end at least **43' - 9"** (7 post spacings) after CRT post **4**.
6. Grading requirements for spans w/ headwalls must extend **43' - 9"** (7 post spacings) minimum upstream and downstream from CRT posts **3** and **4**.

TIMOTHY J MOECKEL
STATE OF WASHINGTON
56294
REGISTERED
PROFESSIONAL ENGINEER

Aug 10, 2026

BEAM GUARDRAIL TYPE 31 PLACEMENT 12' - 6", 18' - 9", OR 25' - 0" SPAN STANDARD PLAN C-20.40-11

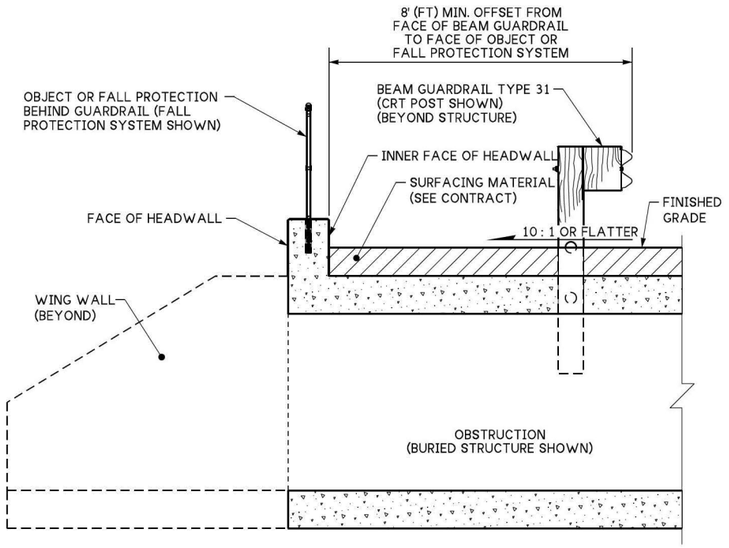
SHEET 1 OF 2 SHEETS

APPROVED FOR PUBLICATION

Mark A Dawes — Sep 1, 2026

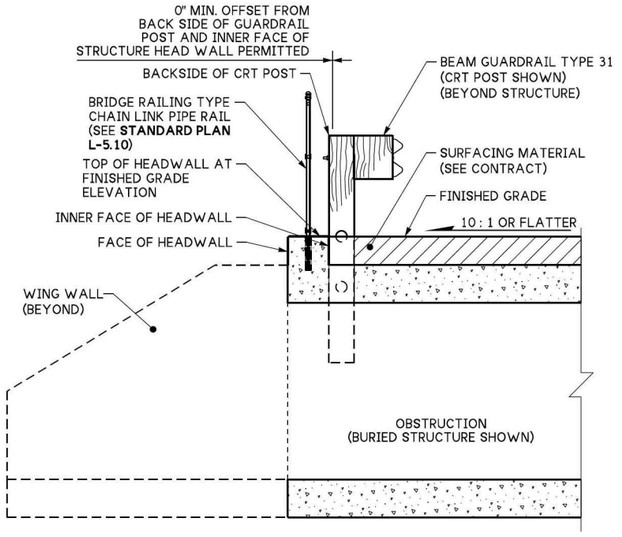
STATE DESIGN ENGINEER

Washington State Department of Transportation



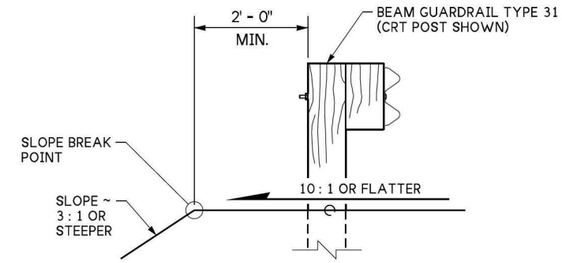
SECTION (B1)

(FIXED OBJECTS OR FALL PROTECTION (OTHER THAN TYPE CHAIN LINK PIPE RAIL (STD. PLAN L-5.10) PLACED BEHIND LONG SPAN GUARDRAIL SYSTEM)



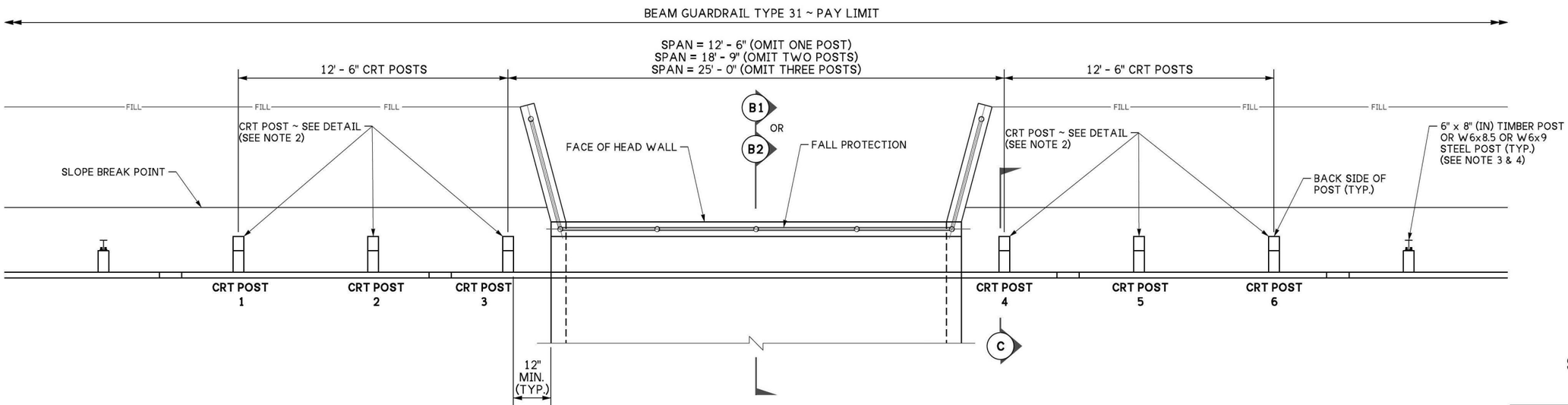
SECTION (B2)

(BRIDGE RAILING TYPE CHAIN LINK PIPE RAIL (STD. PLAN L-5.10) PLACED BEHIND LONG SPAN GUARDRAIL SYSTEM)



SECTION (C)

(CRT POSTS 1 - 6) (SEE NOTE 6)



SPAN WITH HEADWALL DETAIL

(CULVERT SHOWN)

TIMOTHY J MOECKEL
STATE OF WASHINGTON
56294
REGISTERED
PROFESSIONAL ENGINEER

Aug 10, 2026

BEAM GUARDRAIL TYPE 31
PLACEMENT 12' - 6", 18' - 9", OR 25' - 0" SPAN
STANDARD PLAN C-20.40-11

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

Mark A Gaines Sep 1, 2026

STATE DESIGN ENGINEER

Washington State Department of Transportation