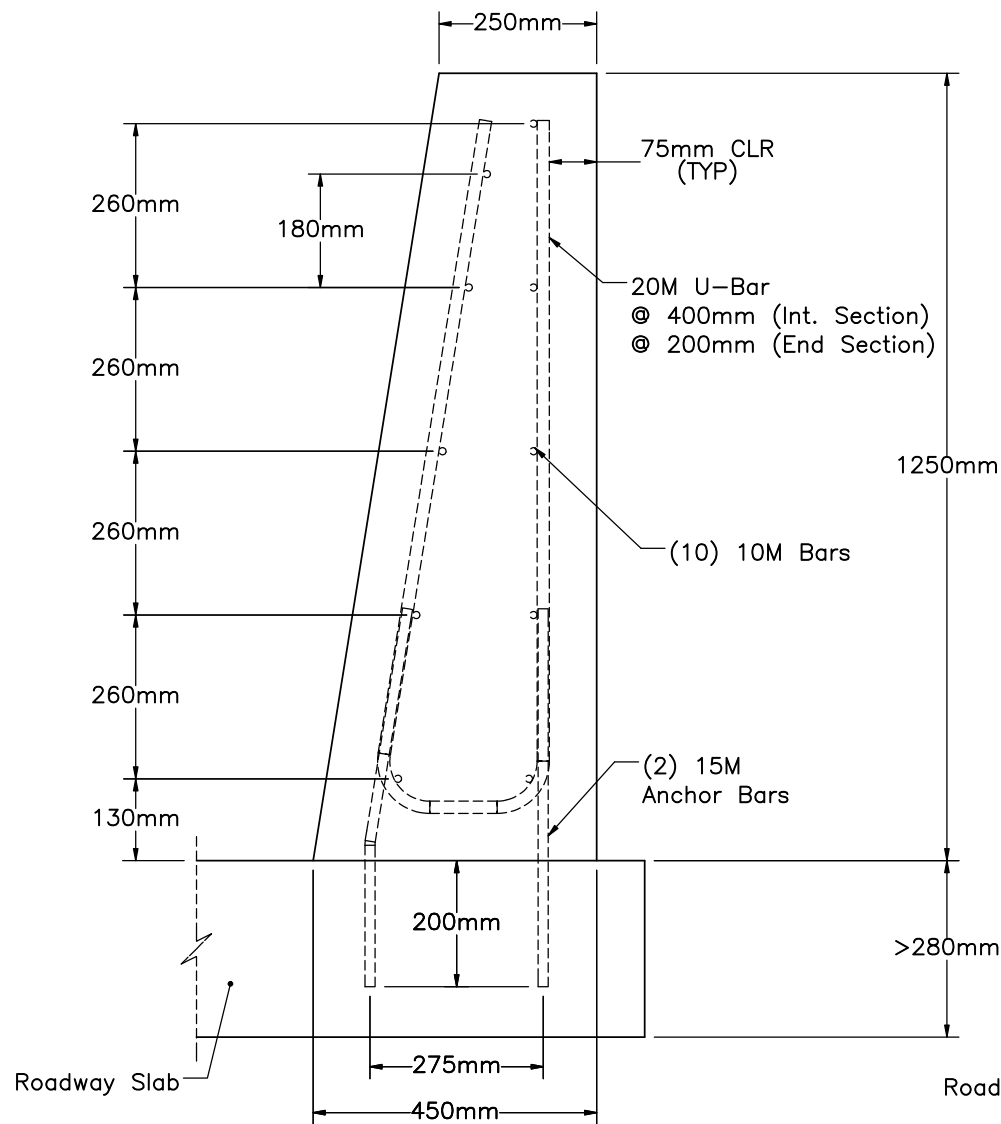
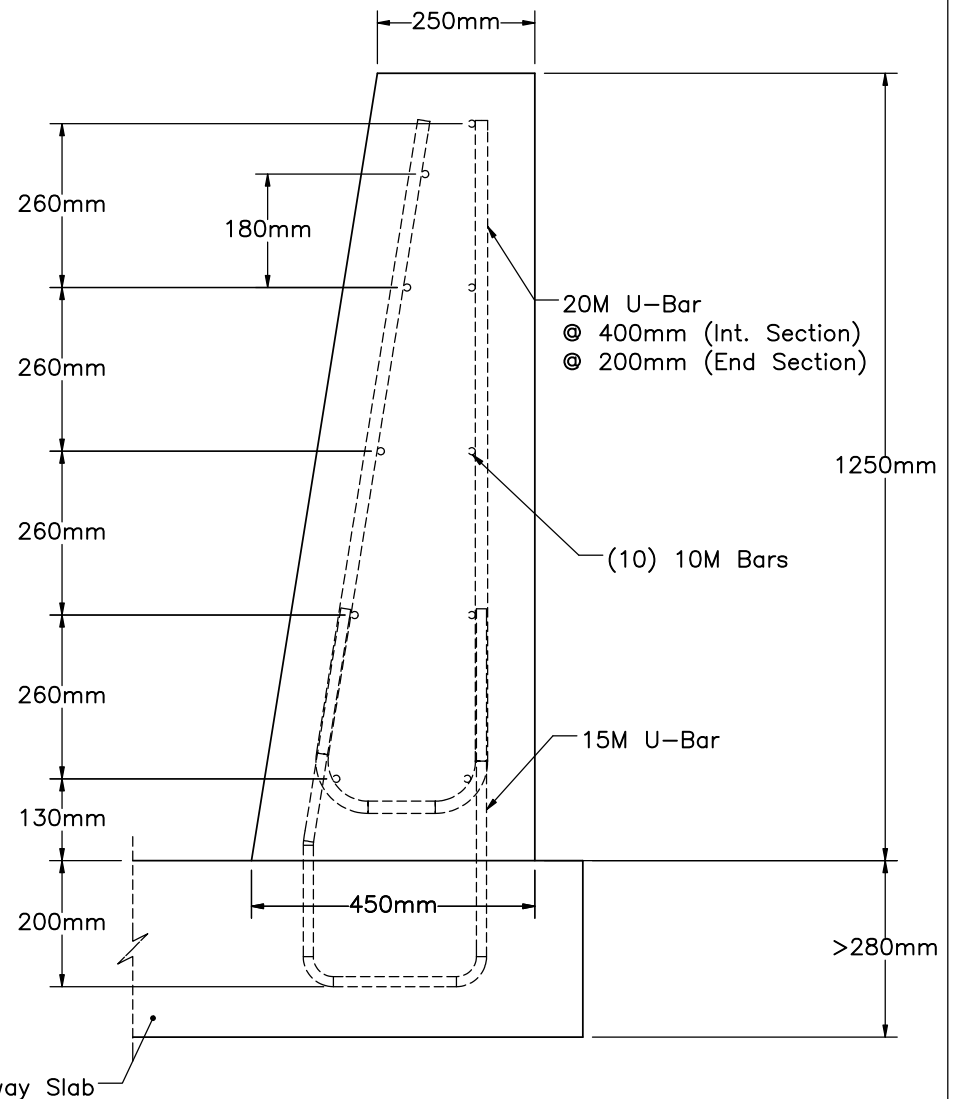




OPTION 1



OPTION 2

Notes:

- (1) Roadside configuration same as bridge rail, except for anchorage bar geometry.
- (2) Same Transverse U-Bar (Stirrup) used in interior and end sections.
- (3) Length of end section is at least 2.685m.
- (4) 75mm clear cover for all rebar.
- (5)  $f'_c = 45\text{MPa}$
- (6) Rebar Steel Grade 400W,  $f_y = 400\text{MPa}$
- (7) Anchor bars may be cast-in or epoxy anchored.
- (8) Support slab should be typical roadway slab tied in with rest of roadway.



Midwest Roadside  
Safety Facility

Manitoba Constrained-  
Width, Tall Wall –  
Roadside Configuration  
on Roadway Slab

Barrier Layout

DWG. NAME.  
Man\_TL5Road\_R2

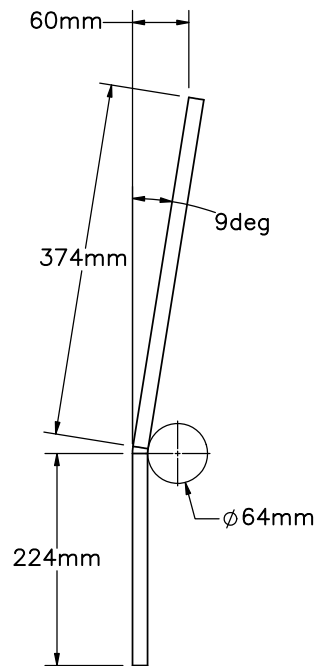
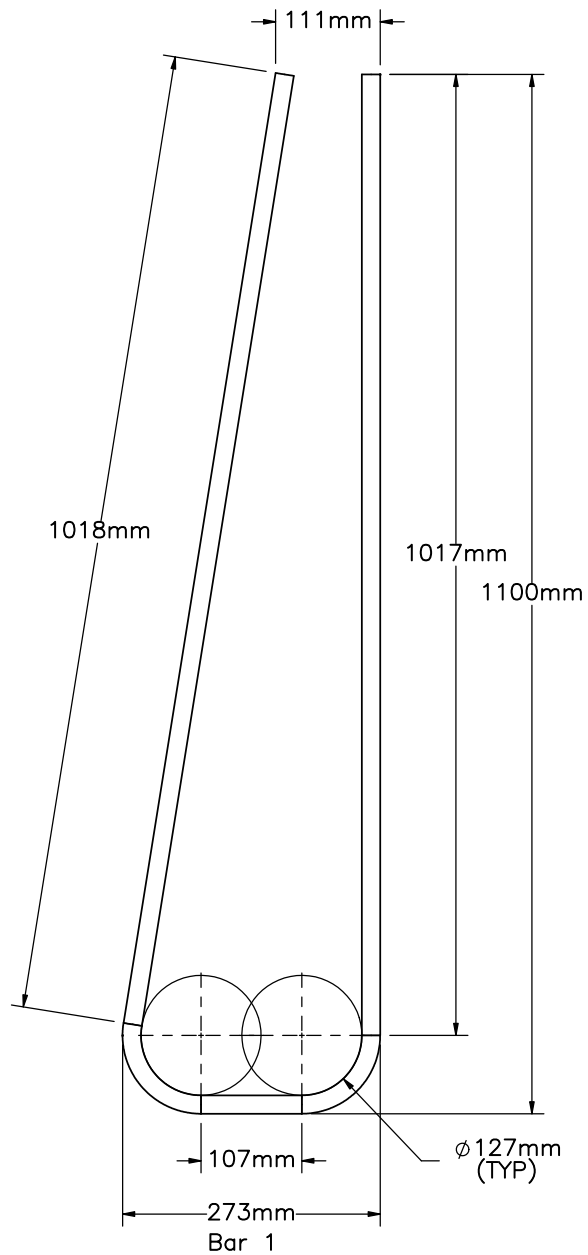
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SHEET:  
1 of 2

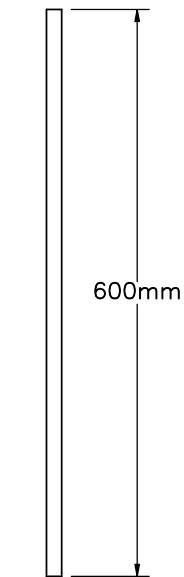
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8/23/2016

DRAWN BY:  
JEK

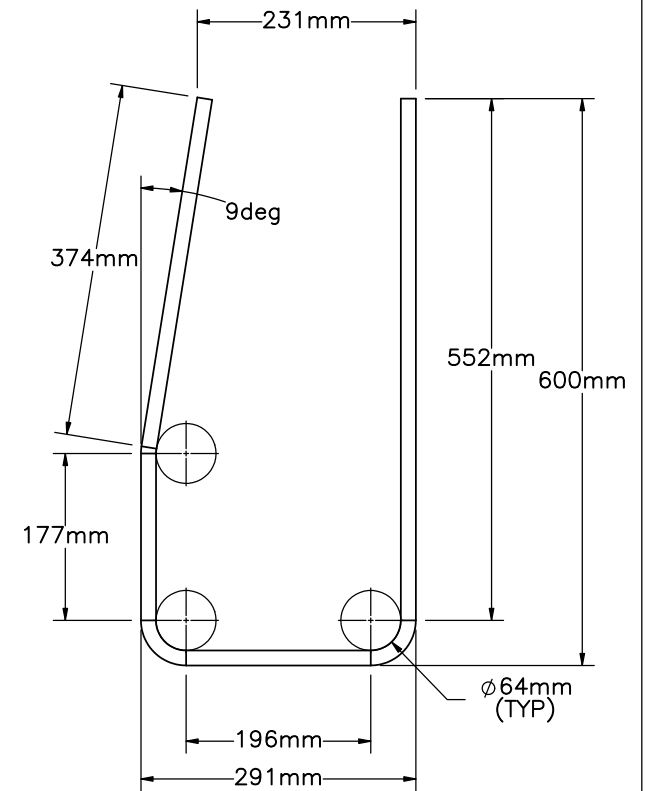
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SKR



Bar 2



Bar 3



Bar 4

| Bar | Size | Length |
|-----|------|--------|
| 1   | 20M  | 2.384m |
| 2   | 15M  | 0.605m |
| 3   | 15M  | 0.600m |
| 4   | 15M  | 1.430m |



Midwest Roadside  
Safety Facility

Manitoba Constrained-  
Width, Tall Wall –  
Roadside Configuration  
on Roadway Slab

Rebar Detail

DWG. NAME.  
Man\_TL5Road\_R2

SCALE: 1:8  
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SHEET:  
2 of 2

DATE:  
8/23/2016

DRAWN BY:  
JEK

REV. BY:  
SKR