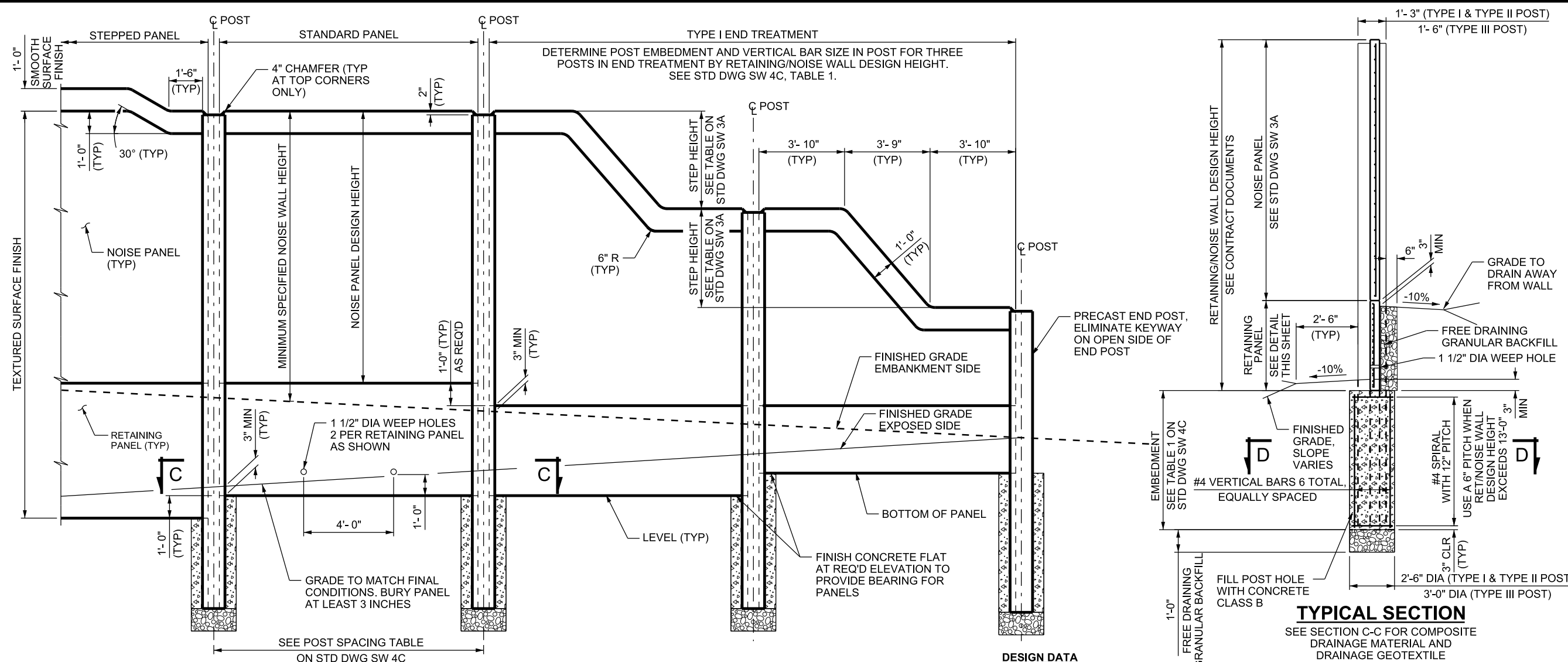


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**TYPICAL ELEVATION**

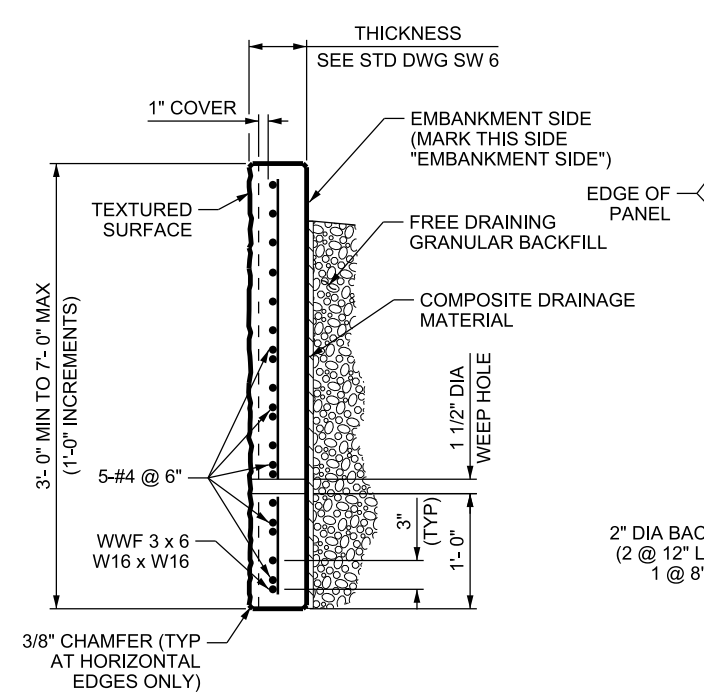
**DESIGN DATA**

AASHTO LRFD BRIDGE DESIGN SPECIFICATIONS  
 PRECAST PANELS & POSTS: CONCRETE CLASS AAA(AE)  $f_c = 5,000$  psi;  
 $f_y$  (REINF) = 60,000 psi;  $n=8$   
 POST HOLES: CONCRETE CLASS B  $f_c = 2,500$  psi  
 $f_y$  (REINF) = 60,000 psi;  $n=10$

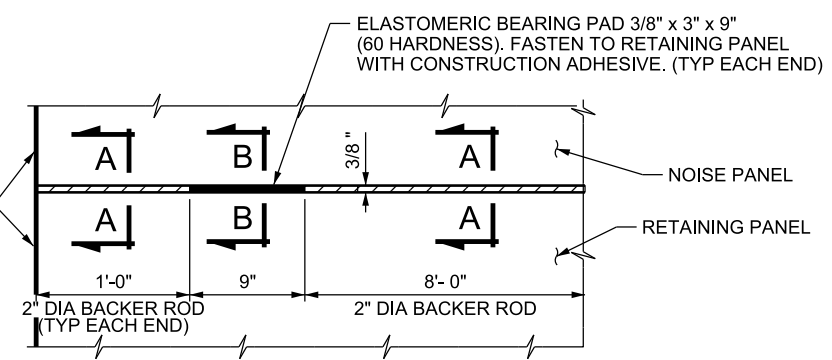
**NOTES**

1. CHAMFER EXPOSED CONCRETE CORNERS AS SHOWN.
2. SEE CONTRACT DOCUMENTS FOR LOCATION AND HEIGHT OF PRECAST RETAINING/NOISE WALL.
3. PROVIDE MINIMUM SPECIFIED NOISE WALL HEIGHT THROUGHOUT ENTIRE WALL LENGTH, EXCLUDING END TREATMENT.
4. ALL PANELS ARE:
 

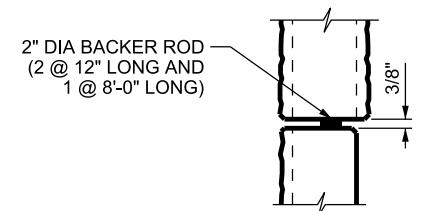
RETAINING PANEL	TRANSITION PANEL
HEIGHT: 7 FT MAX (1 FT INCREMENTS)	11 FT MAX (1 FT INCREMENTS)
LENGTH: 11 FT 5 INCHES LONG	11 FT 5 INCHES LONG
THICKNESS: 6 INCHES	7 INCHES
5. SEE STD DWG SW 4B FOR SECTION C-C AND RETAINING PANEL DETAILS. SEE STD DWG SW 4C FOR SECTION D-D.
6. MAXIMUM HEIGHT OF RETAINING/NOISE WALL IS 19 FT.
7. SEE STD DWG SW 3A FOR NOISE PANEL DETAILS.
8. CHANGE ELEVATION AT TOP OF RETAINING/NOISE WALL WITH STEPPED NOISE PANEL AS SHOWN ON THIS SHEET.
9. BEGIN AND END RETAINING/NOISE WALL WITH END TREATMENT SPECIFIED IN THE CONTRACT DOCUMENTS. TYPE I END TREATMENT SHOWN ON SHEET SW 3A.
10. EVENLY SPACE PILASTER POSTS AT 200 FT MAXIMUM INTERVALS WHEN REQUIRED. SEE STD DWG SW 5 FOR PRECAST PILASTER POST DETAILS. SEE CONTRACT DOCUMENTS FOR EXACT LOCATIONS.
11. FORM A TEXTURED SURFACE FINISH ON EXPOSED SIDE OF RETAINING PANEL. SEE CONTRACT DOCUMENTS FOR PRESCRIBED TEXTURED SURFACE FINISH.
12. NOISE PANEL AND RETAINING PANEL MAY BE COMBINED. SEE STD DWG SW 4B FOR DETAILS.



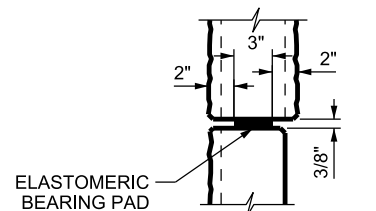
**RETAINING PANEL SECTION**



**PANEL CONNECTION DETAIL**



**SECTION A-A**



**SECTION B-B**

REVISIONS			
NO.	DATE	RDC	REMARKS
1	06/28/2018	RDC	REVISED CONCRETE CLASS

**UTAH DEPARTMENT OF TRANSPORTATION**  
 STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION  
 SALT LAKE CITY, UTAH

RECOMMENDED FOR APPROVAL  
*Randy J. ...*  
 CHAIRMAN STANDARDS COMMITTEE  
 APPROVED

DATE: JUNE 28, 2018  
 DATE: JUNE 28, 2018  
 DEPUTY DIRECTOR

**PRECAST CONCRETE  
 RETAINING/NOISE WALL**  
 1 OF 3

STANDARD DRAWING TITLE

STD. DWG. NO.  
**SW 4A**