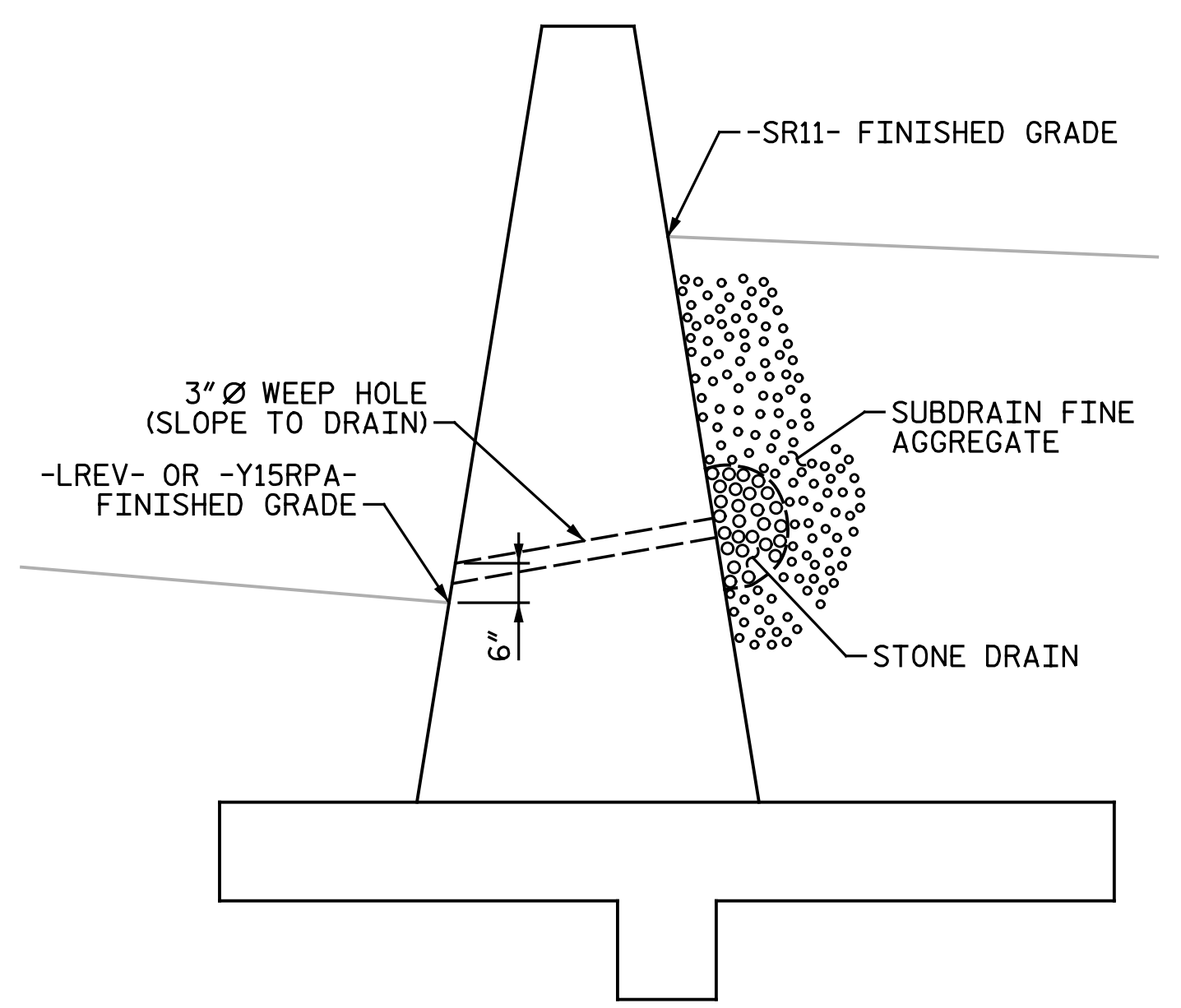


**WALL SECTION**

6'-1"± MIN. WALL HEIGHT AND 2'-4 1/2"± MAX. TOP WALL WIDTH @ STA. 10+00.00 -WL7-  
 9'-9"± MAX. WALL HEIGHT AND 1'-2"± MIN. TOP WALL WIDTH @ STA. 14+95.15 -WL7-

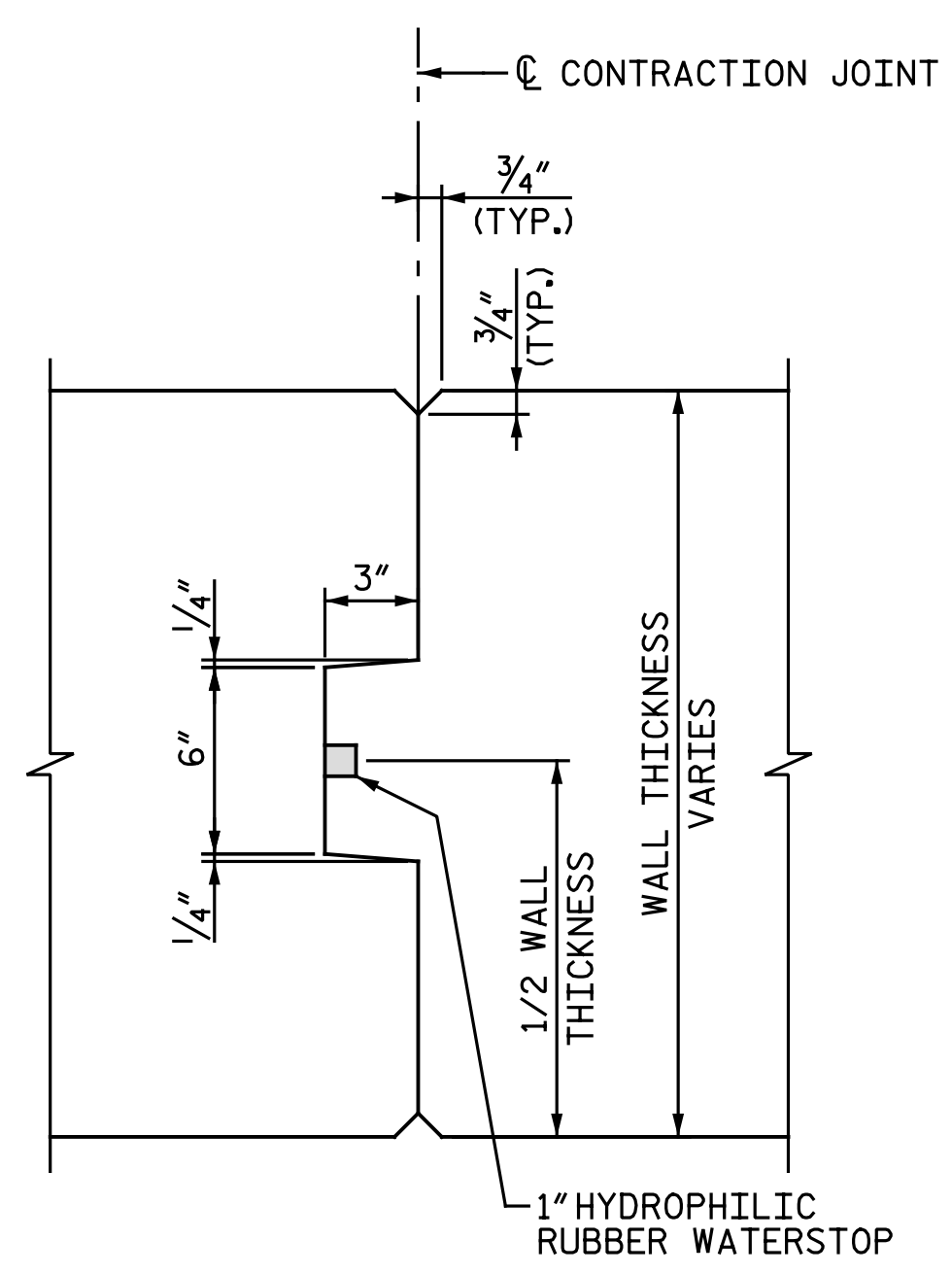


**DRAINAGE DETAIL**

WEEP HOLES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 453-4 OF THE STANDARD SPECIFICATIONS.

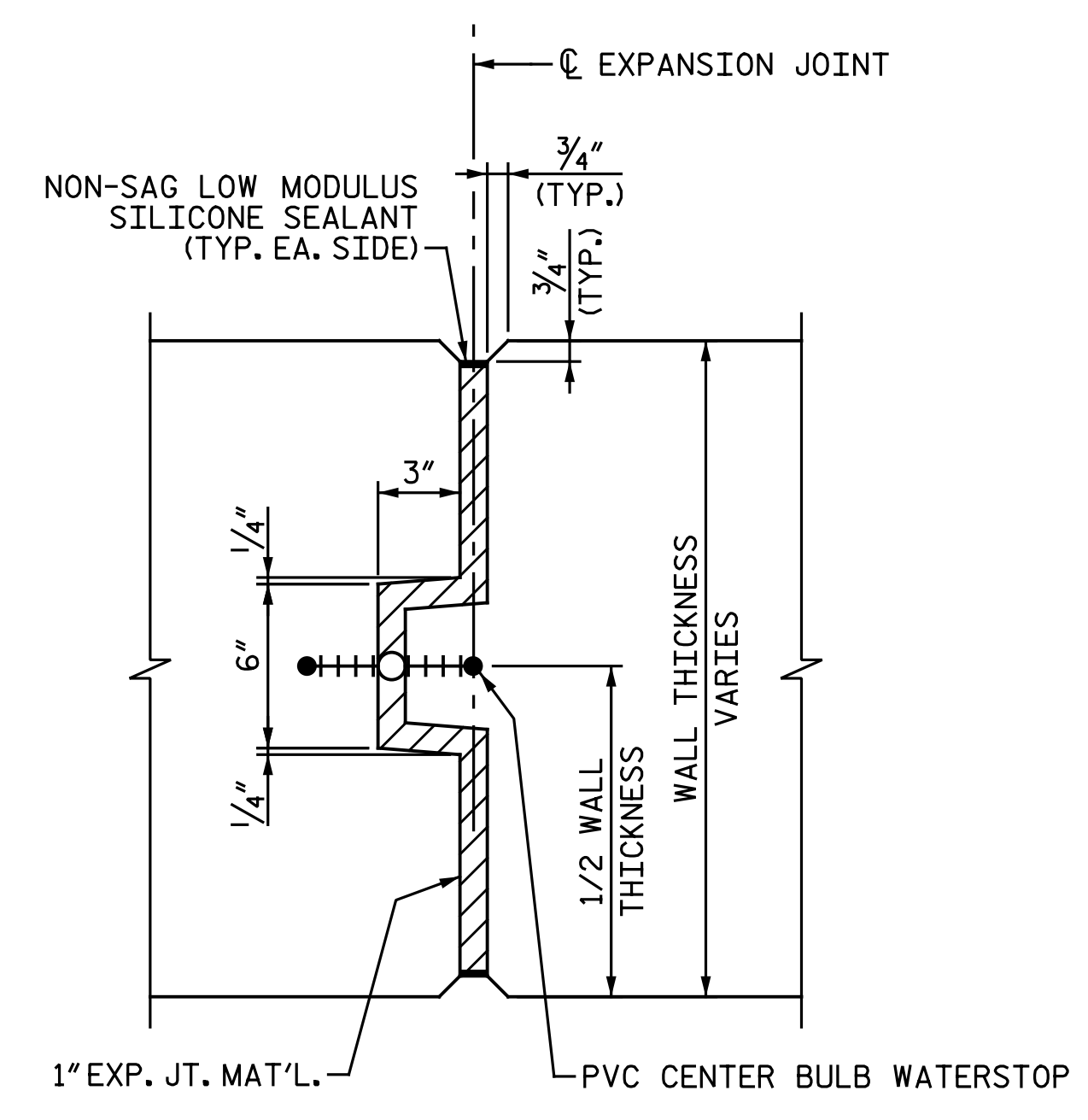
SUBSURFACE DRAINAGE AT WEEP HOLES SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 414-8 OF THE STANDARD SPECIFICATIONS.

WALL ELEVATIONS							
WALL POINT	-WL7- STATION	-LREV- OR -Y15RPA- STATION	-LREV- OR -Y15RPA- OFFSET	BOTTOM OF WALL ELEVATION	-LREV- OR -Y15RPA- FINISHED GRADE ELEVATION	-SR11- FINISHED GRADE ELEVATION	TOP OF WALL ELEVATION
1	10+00.00 -WL7-	1018+00.00 -LREV-	85.61' LT	197.14	199.64	200.52	203.19
2	10+48.28 -WL7-	10+33.07 -Y15RPA-	25.77' RT	198.10	200.60	201.61	204.28
3	10+98.44 -WL7-	10+83.25 -Y15RPA-	25.60' RT	198.76	201.26	202.82	205.49
4	11+48.58 -WL7-	11+33.56 -Y15RPA-	25.58' RT	199.49	201.99	203.98	206.65
5	11+98.72 -WL7-	11+84.05 -Y15RPA-	25.84' RT	199.75	202.25	204.98	207.65
6	12+48.92 -WL7-	12+34.80 -Y15RPA-	26.00' RT	199.85	202.35	205.81	208.48
7	12+99.29 -WL7-	12+85.92 -Y15RPA-	25.77' RT	199.91	202.41	206.51	209.18
8	13+42.88 -WL7-	13+30.23 -Y15RPA-	25.77' RT	200.38	202.88	207.11	209.78
9	13+96.76 -WL7-	13+85.00 -Y15RPA-	25.77' RT	200.91	203.41	207.79	210.46
10	14+45.96 -WL7-	14+35.00 -Y15RPA-	25.77' RT	201.40	203.90	208.41	211.08
11	14+95.15 -WL7-	14+85.00 -Y15RPA-	25.77' RT	201.88	204.38	208.93	211.60
12	15+09.91 -WL7-	15+00.00 -Y15RPA-	25.77' RT	202.03	204.53	209.05	211.72
13	15+59.11 -WL7-	15+50.00 -Y15RPA-	25.77' RT	202.51	205.01	209.37	212.04
14	16+08.30 -WL7-	16+00.00 -Y15RPA-	25.77' RT	203.00	205.50	209.59	212.26
15	16+57.51 -WL7-	16+50.00 -Y15RPA-	26.29' RT	203.54	206.04	209.82	212.49
16	17+07.12 -WL7-	17+00.00 -Y15RPA-	32.01' RT	204.17	206.67	210.01	212.68
17	17+23.21 -WL7-	17+15.98 -Y15RPA-	35.26' RT	204.18	206.68	210.07	212.74



**PLAN OF CONTRACTION JOINT**

REINFORCING STEEL SHALL EXTEND THROUGH EACH CONTRACTION JOINT.  
 CONTRACTION JOINTS IN FOOTING ARE OPTIONAL.



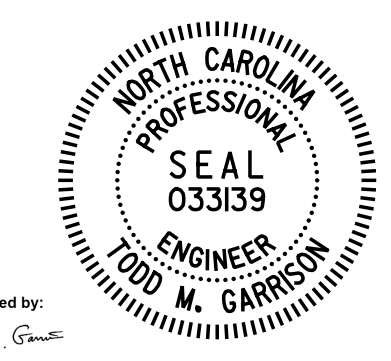
**PLAN OF EXPANSION JOINT**

NON-SAG LOW MODULUS SILICONE SEALANT SHALL BE PROVIDED IN ACCORDANCE WITH SECTION 1028-3 OF THE STANDARD SPECIFICATIONS. SEALANT SHALL BE APPLIED ALONG EACH FACE AND TOP OF WALL.

EXPANSION JOINT MATERIAL SHALL BE PROVIDED FROM BOTTOM OF SHEAR KEY TO TOP OF WALL.

WATERSTOPS SHALL BE PROVIDED FROM TOP OF FOOTING TO 6" BELOW TOP OF WALL.

PROJECT NO. I-5878  
HARNETT COUNTY  
 STATION: 10+00.00 -WL7-



DocuSigned by:  
 Todd M. Garrison  
 61EAF7523943466...  
 4/28/2021

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

**WALL DETAILS**  
 FOR RETAINING WALL -WL7-  
 BETWEEN -Y15RPA- AND -SR11-

DRAWN BY : M. D. MAYHEW DATE : 4-21-21  
 CHECKED BY : J. M. GARRISON DATE : 4-21-21

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	W-20
1			3			TOTAL SHEETS
2			4			28

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