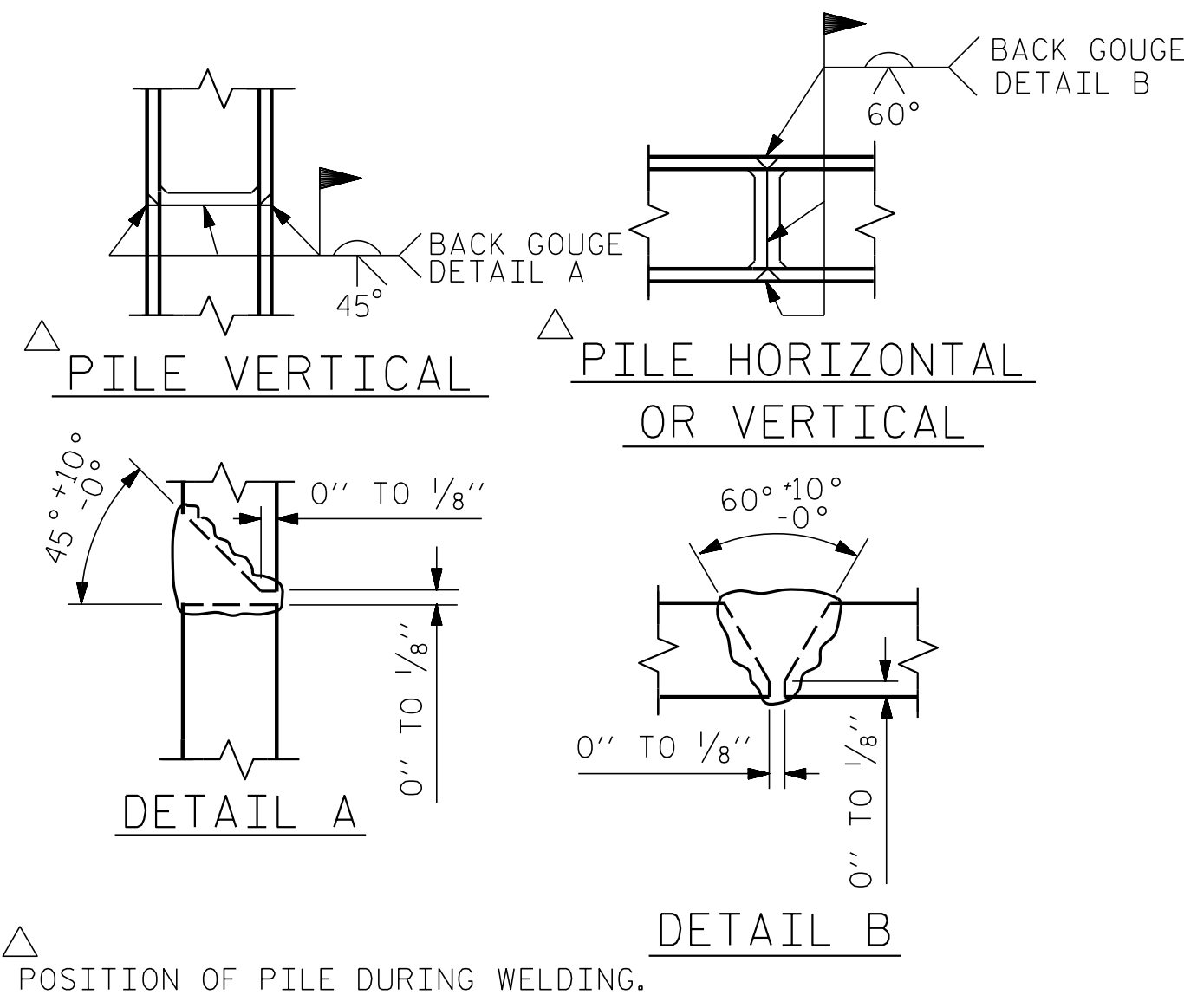


BAGGED STONE AND PIPE SHALL BE PLACED IMMEDIATELY AFTER COMPLETION OF END BENT EXCAVATION. PIPE MAY BE EITHER CONCRETE, CORRUGATED STEEL, CORRUGATED ALUMINUM ALLOY, OR CORRUGATED PLASTIC. PERFORATED PIPE WILL NOT BE ALLOWED.

BAGGED STONE SHALL REMAIN IN PLACE UNTIL THE ENGINEER DIRECTS THAT IT BE REMOVED. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF SILT ACCUMULATIONS AT BAGGED STONE WHEN SO DIRECTED BY THE ENGINEER. BAGS SHALL BE REMOVED AND REPLACED WHENEVER THE ENGINEER DETERMINES THAT THEY HAVE DETERIORATED AND LOST THEIR EFFECTIVENESS.

NO SEPARATE PAYMENT WILL BE MADE FOR THIS WORK AND THE ENTIRE COST OF THIS WORK SHALL BE INCLUDED IN THE UNIT CONTRACT PRICE BID FOR THE SEVERAL PAY ITEMS.

### TEMPORARY DRAINAGE AT END BENT

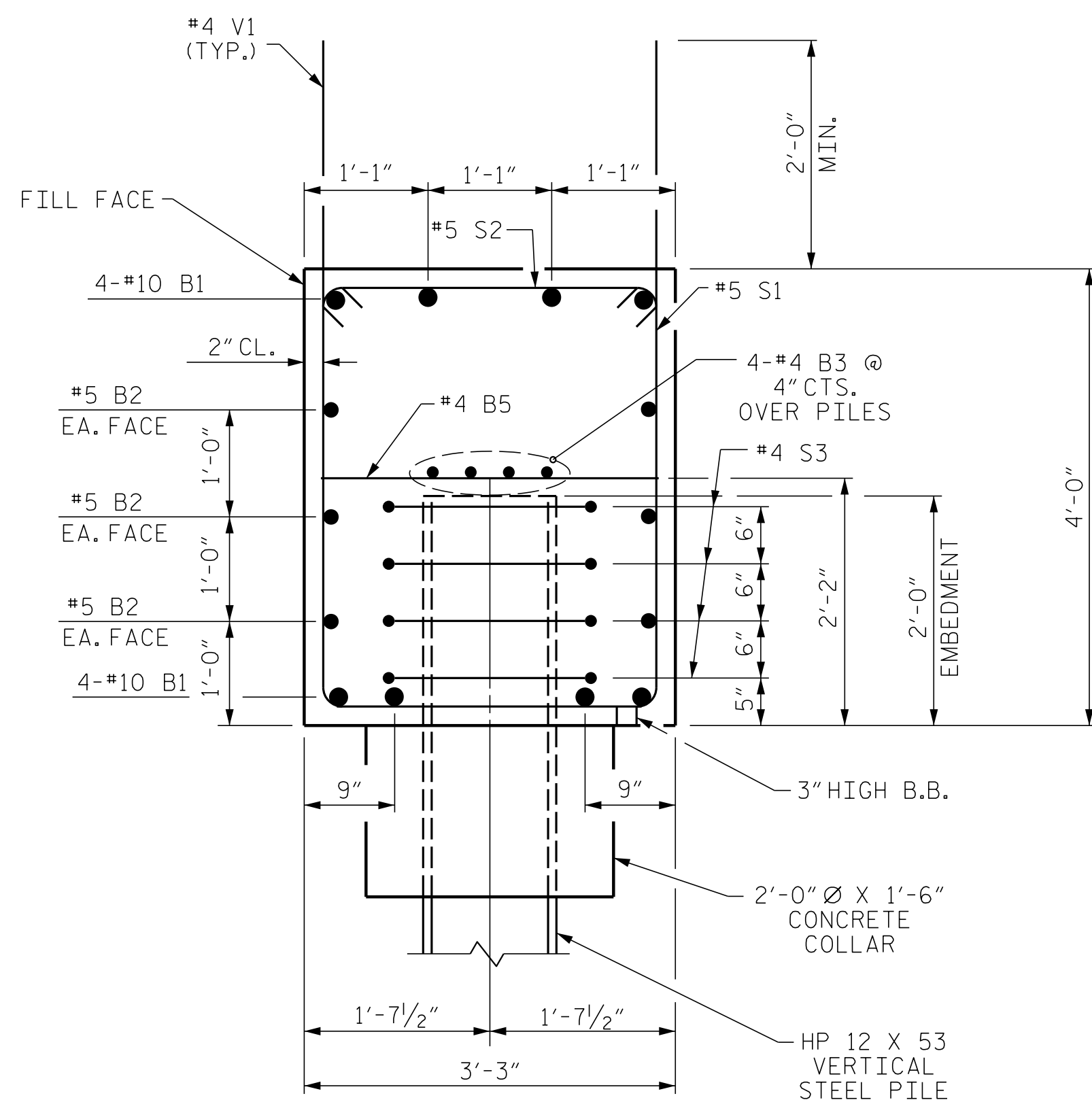


### PILE SPLICE DETAILS

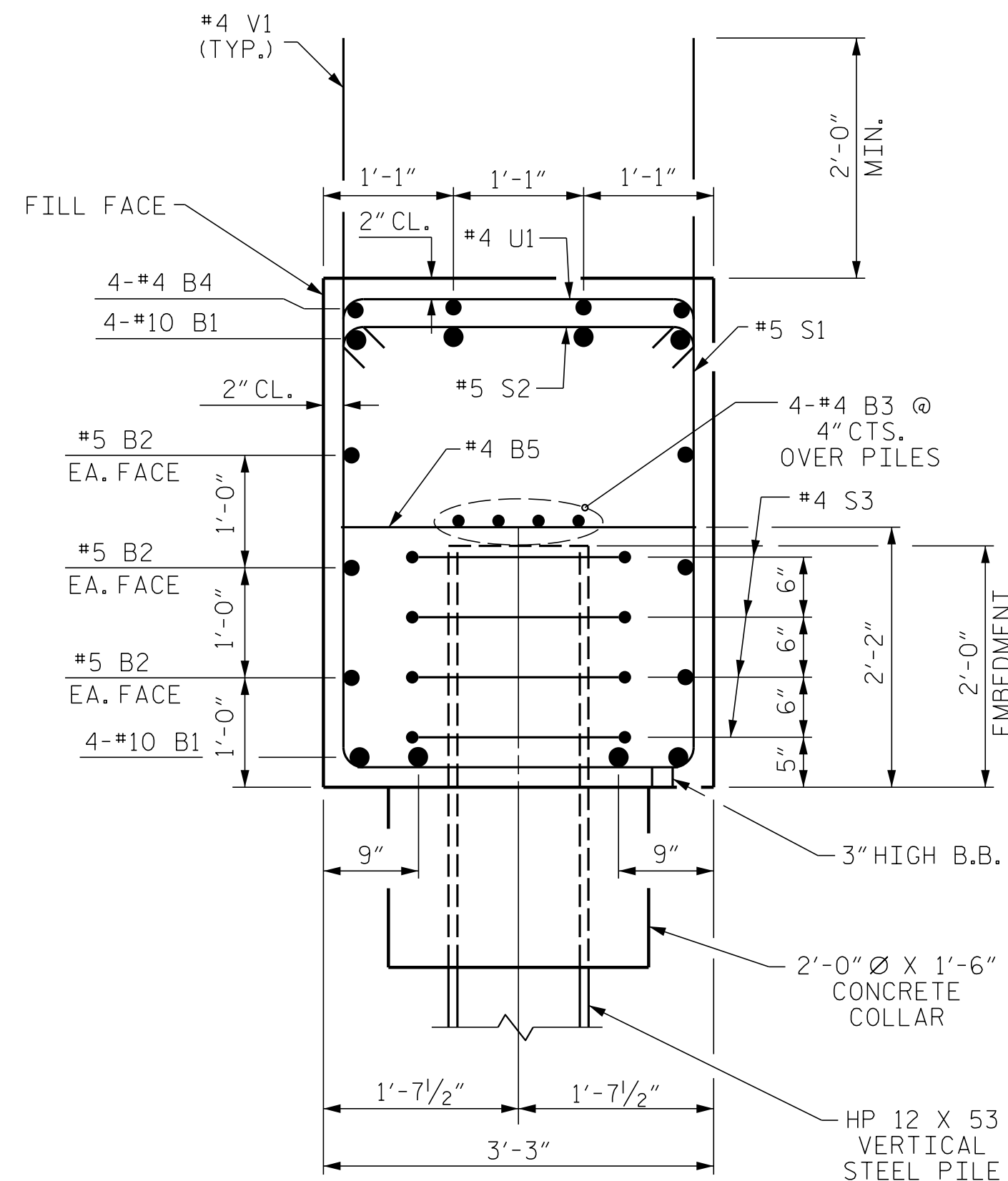
BAR TYPES					BILL OF MATERIAL	
					END BENT No. 2	
BAR	NO.	SIZE	TYPE	LENGTH	WEIGHT	
B1	8	#10		44'-11"	1546	
B2	6	#5	STR	42'-3"	264	
B3	8	#4	STR	22'-4"	119	
B4	4	#4	STR	12'-8"	34	
B5	11	#4	STR	2'-11"	21	
H1	72	#6	2	15'-11"	1721	
H2	40	#6	2	18'-2"	1091	
H3	36	#4	STR	3'-3"	78	
S1	66	#5	3	11'-1"	763	
S2	66	#5	4	3'-10"	264	
S3	28	#4	5	6'-6"	122	
U1	9	#4	6	5'-11"	36	
V1	46	#4	STR	6'-0"	184	
V2	80	#5	STR	10'-10"	904	
REINFORCING STEEL					7,147 LBS.	
CLASS A CONCRETE BREAKDOWN						
POUR #1	CAP, CONC, COLLARS & LOWER PART OF WINGS				26.3 C.Y.	
POUR #2	UPPER PART OF WINGS				9.7 C.Y.	
TOTAL CLASS A CONCRETE					36.0 C.Y.	

ALL BAR DIMENSIONS ARE OUT TO OUT.

HP 12 X 53 VERTICAL STEEL PILES	
NO: 7	LIN. FT.= 244
PILE DRIVING EQUIPMENT SETUP FOR HP 12 X 53 VERTICAL STEEL PILES	
	7 EA.

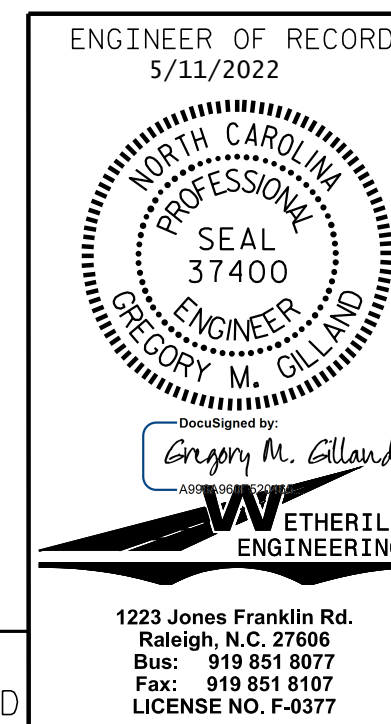


### SECTION A-A



### SECTION B-B

PROJECT NO. B-5947  
NASH COUNTY  
 STATION: 23+90.50 -LREV-  
 SHEET 3 OF 3



STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 RALEIGH

### SUBSTRUCTURE END BENT No. 2

REVISIONS				SHEET NO.	
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		

TOTAL SHEETS: 39

DRAWN BY: G.M. GILLAND DATE: 7/20  
 CHECKED BY: J. PENDERGRAFT DATE: 10/20

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

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