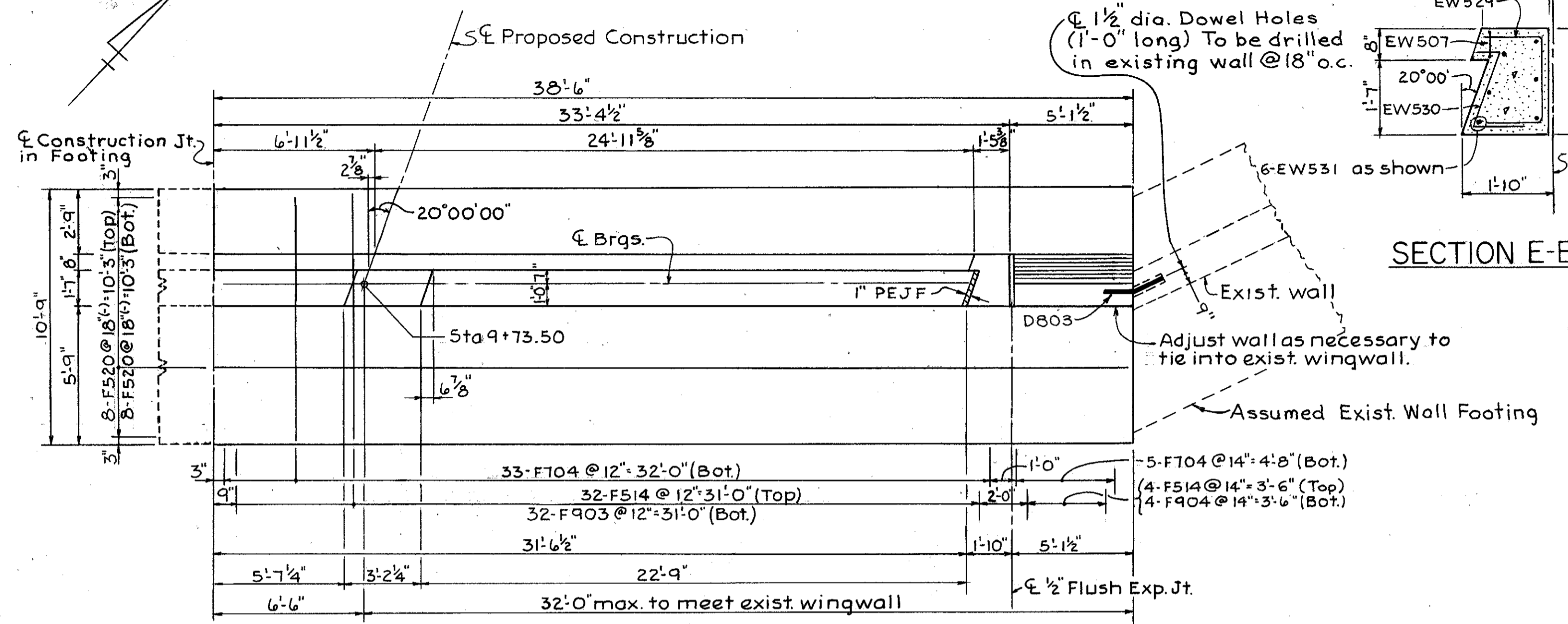


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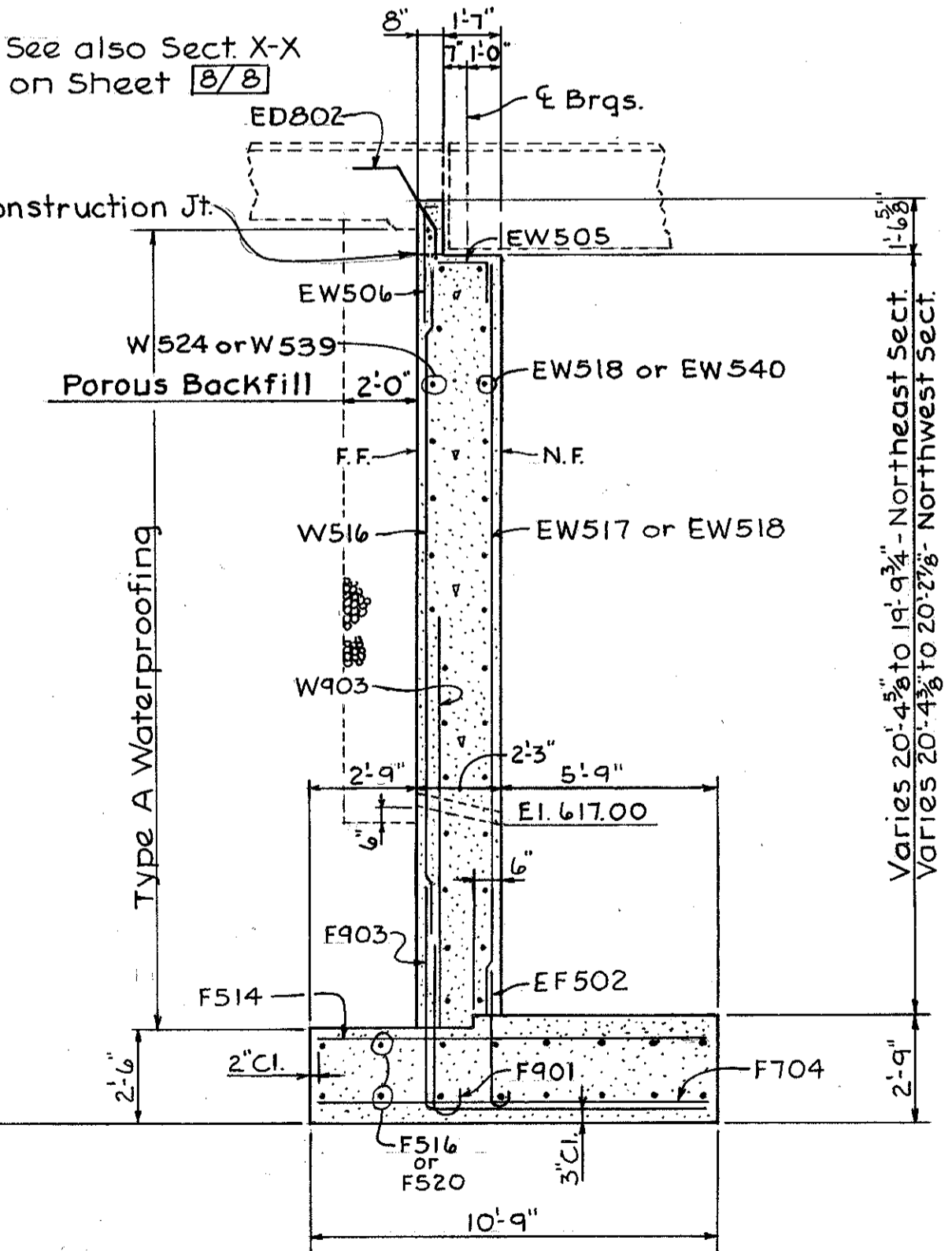
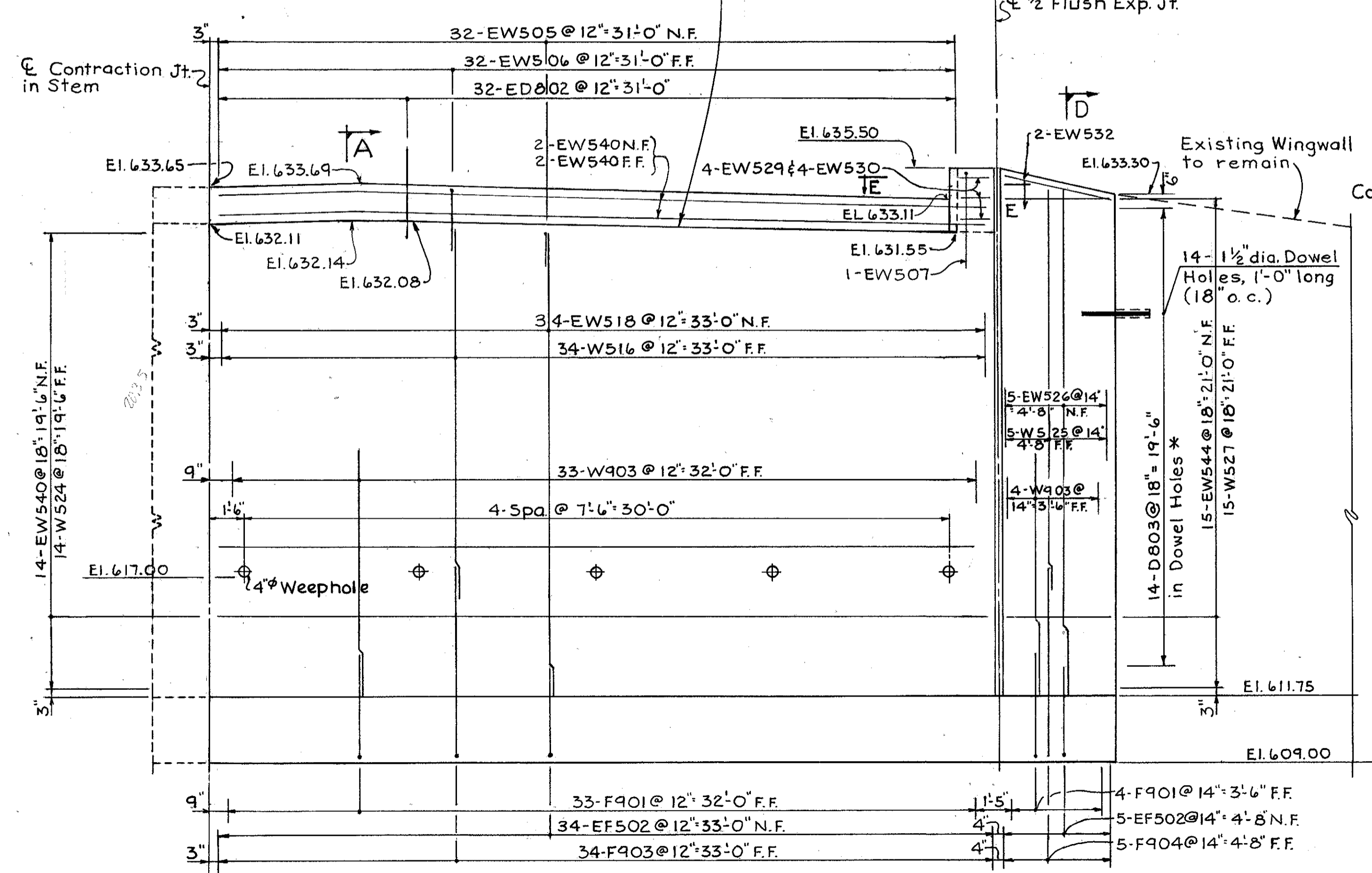
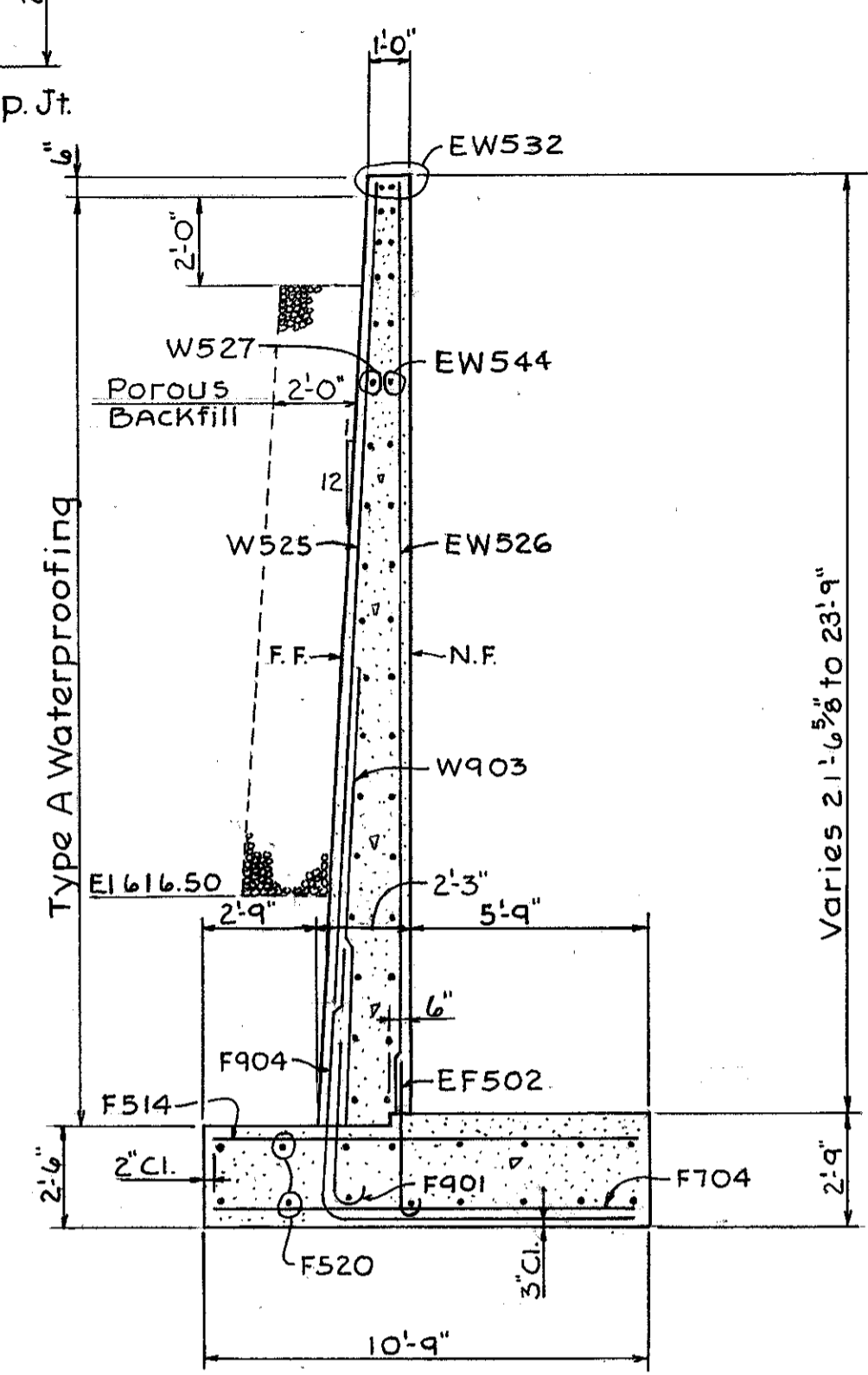
FHWA REGION	STATE	PROJECT
5	OHIO	

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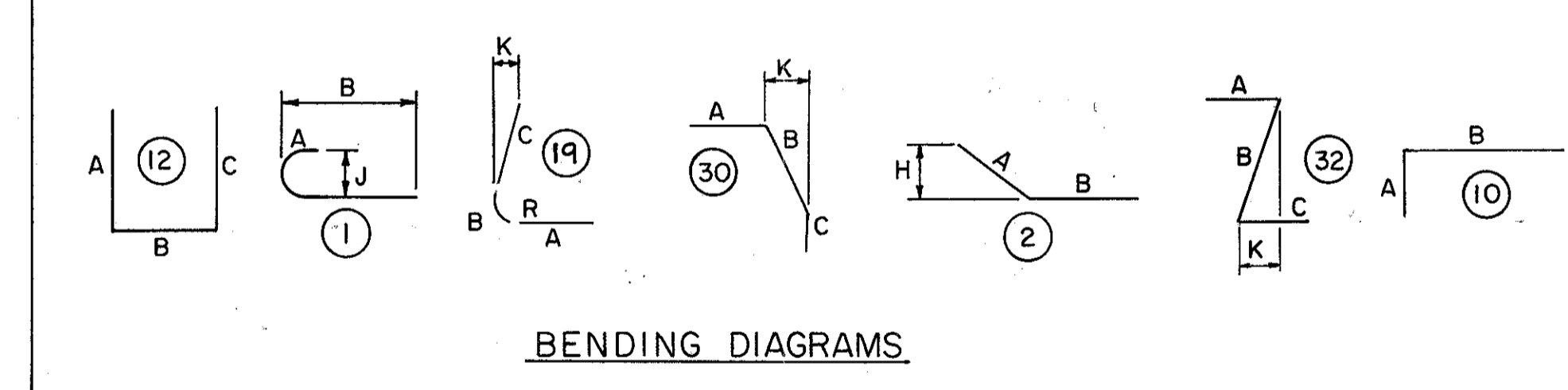
LAKE COUNTY
LAK-86-2.23



SECTION E-E



MARK	S Z E	NO.	LENGTH	WEIGHT	TYPE	BENT BAR DIMENSIONS											REMARKS
						A	B	C	D	H	J	K	R				
NORTHEAST SECTION																	
EF502	5	39	4'-6"	183	1	7"	3'-6"								5"		
F514	5	36	10'-5"	391	STR												
F520	5	16	38'-2"	637	STR												
F704	7	38	10'-5"	809	STR												
F901	9	37	6'-0"	755	1	1'-3"	4'-9"							11 1/2"			
F903	9	34	13'-4"	1541	19	6'-6"	1'-7"	5'-3"						0"	12"		
F904	9	5	13'-4"	227	19	6'-6"	1'-7"	5'-3"						6"	12"		
EW505	5	32	3'-4"	111	10	1'-6"	1'-11"										
EW506	5	32	2'-11"	97	10	2'-8"	4"										
EW507	5	1	9'-9"	10	12	4'-10"	4"	4'-10"									
W516	5	34	17'-0"	603	STR												
EW518	5	34	19'-9"	700	STR												
W524	5	14	33'-0"	482	STR												
W525	5	5	20'-7" to 18'-3"	101	STR												
EW526	5	5	23'-4" to 21'-0"	116	STR												
W527	5	15	4'-9"	74	STR												
EW529	5	4	4'-3"	18	12	1'-5"	1'-11"	1'-2"									
EW530	5	4	3'-2"	13	32	6"	1'-8"	1'-0"							6 3/4"		
EW531	5	6	5'-0"	31	STR												
EW532	5	2	4'-10"	10	STR												
EW540	5	18	33'-0"	620	STR												
EW544	5	15	4'-9"	74	STR												
ED802	8	32	4'-0"	342	30	1'-0"	2'-0"	1'-0"						1'-5"			
DB03	8	14	2'-0"	75	2	1'-0"	1'-0"							5"			
W903	9	37	11'-0"	1384	STR												



SPLICE LENGTH FOR REINF. STEEL	
BAR NO.	LENGTH (INCHES)
5	12
6	14
7	18
8	24
9	30
10	39
11	47

Reinforcing Steel Notes:
 1. Refer to CM5 Sections 106.03, 700, 709.01 thru 709.05 and 709.08.
 2. Sufficient additional reinforcing steel shall be provided for sampling. Random samples shall be replaced in the structures by the additional steel, spliced in accordance with 509.08.
 3. Dimension shown are out to out.
 4. For detailing: N.F. = Near Face
 F.F. = Far Face
 5. Reinforcing bars with a Mark designation beginning with an E shall be Epoxy Coated.

Note:
 For Abutment Notes see Sheet 3/8
 For Expansion and Contraction Joint Details, See Sheet 3/8

CAPITOL ENGINEERING ASSOCIATES
 CONSULTING CIVIL ENGINEERS
 PAINESVILLE, OHIO

NORTH ABUTMENT
 NORTHEAST SECTION
 STAGE 2
 BRIDGE NO. LAK-86-0229
 OVER BIG CREEK
 LAKE COUNTY STA 9+72.88 TO STA 10+40.12

DESIGNED	DRAWN	TRACED	CHECKED	REVIEWED	DATE	REVISED
TAP	DPR		NE	EDM	11/24/82	

* The dowels shall be anchored in the dowel holes in the existing wall in accordance with Supplemental Specification 853.