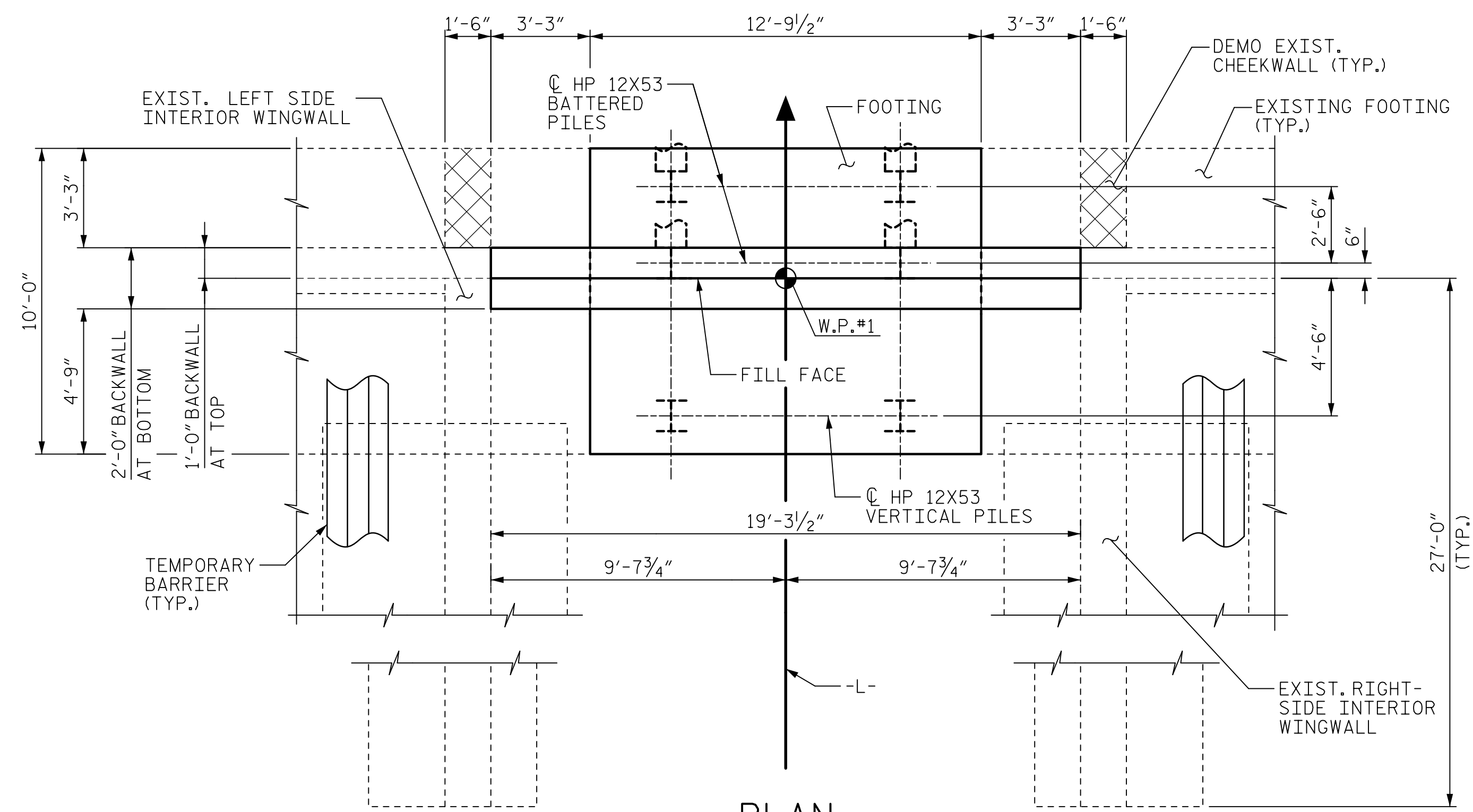
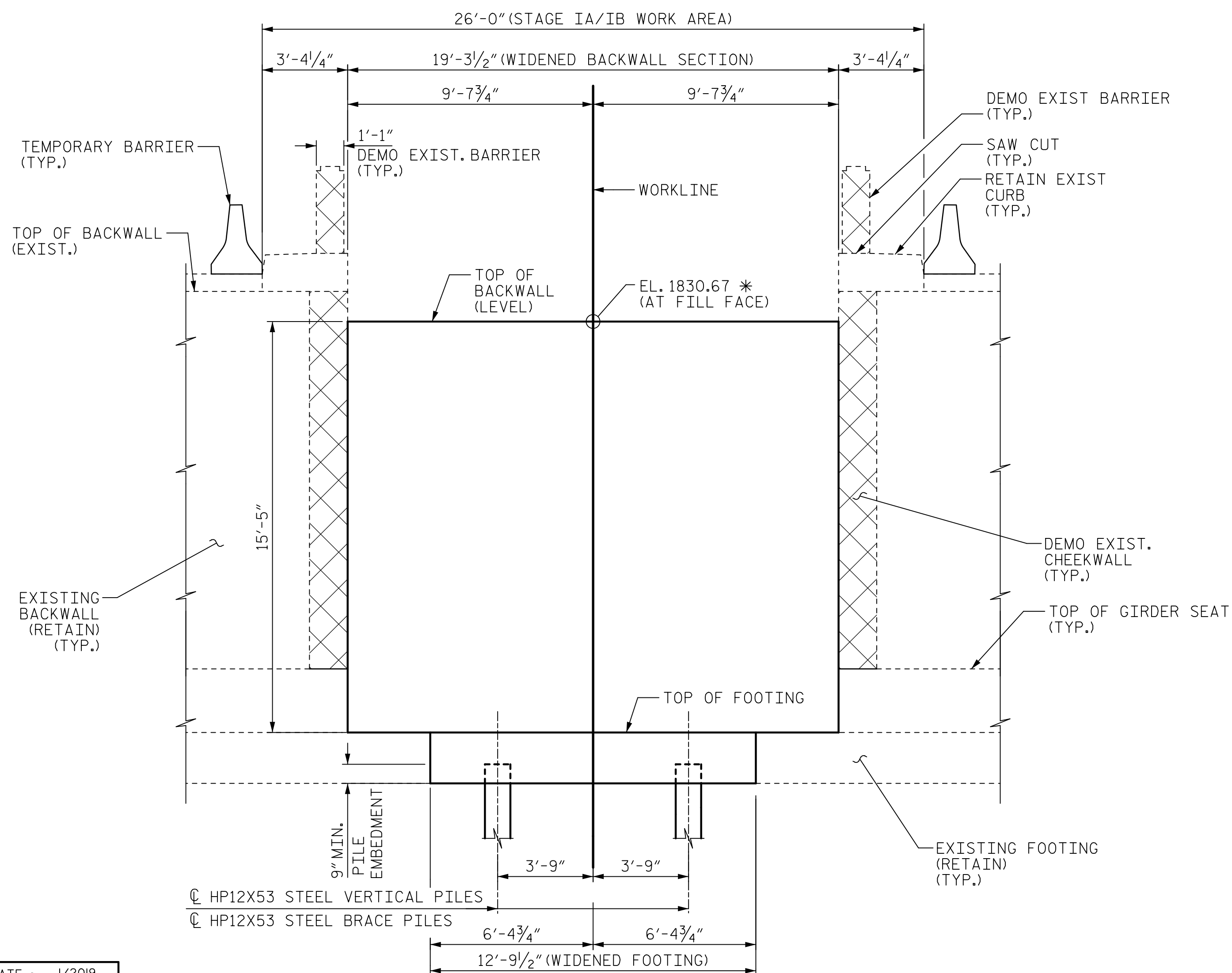


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TIME: 4:04:42 PM



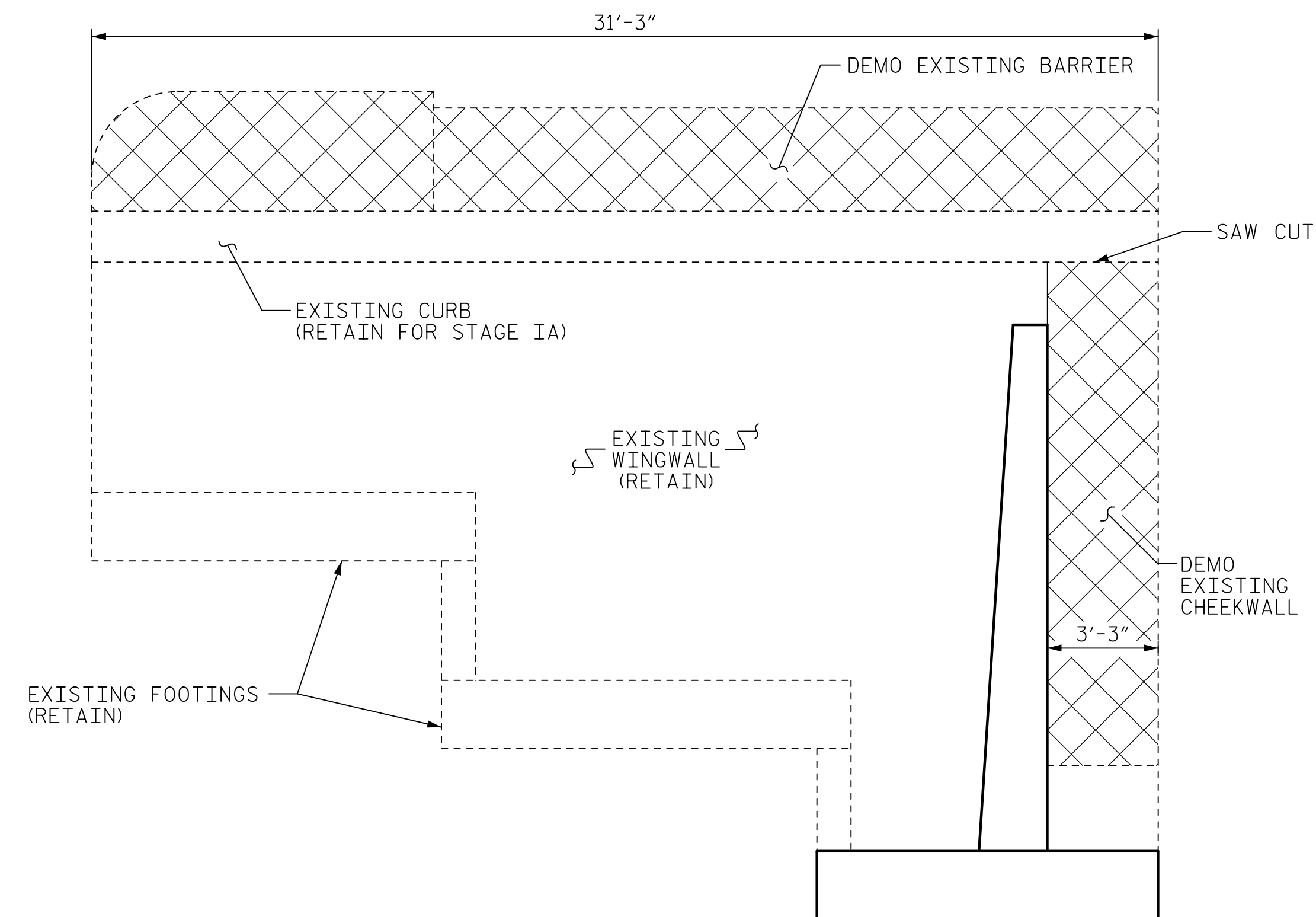
PLAN

EXISTING CURB AND BARRIER NOT SHOWN FOR CLARITY



ELEVATION

DEMO SYMBOLOGY



EXISTING WINGWALL ELEVATION

SHOWN FOR LEFT-SIDE INTERIOR WINGWALL, SIMILAR FOR RIGHT-SIDE INTERIOR WINGWALL

STAGE IA CONSTRUCTION SEQUENCE

1. DEMO EXISTING BARRIER ON WINGWALL (RETAIN CURB) AND CHEEKWALL.
2. INSTALL SHORING AS NECESSARY AND EXCAVATE.
3. DRIVE PILES, CONSTRUCT FOOTING AND BACKWALL.
4. CONSTRUCT APPROACH FILL.

NOTES:

DATA ON EXISTING END BENTS SHOWN BASED ON THE BEST AVAILABLE INFORMATION. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND MEASUREMENTS PRIOR TO BEGINNING CONSTRUCTION AND REPORT ALL VARIATIONS TO THE ENGINEER. THE CONTRACTOR SHALL HAVE NO CLAIM WHATSOEVER AGAINST THE DEPARTMENT DUE TO VARIATION BETWEEN THE PLANS AND EXISTING STRUCTURE.

ALL CUT SURFACES WITH EXPOSED REINFORCING SHALL BE GROUND SMOOTH.

APPLY A TYPE 4A EPOXY COAT TO ALL AREAS EXPOSED BY SAW CUT IN ACCORDANCE WITH SECTION 1081 OF THE STANDARD SPECIFICATIONS.

EXTENTS OF THE SAW CUTS SHALL NOT EXCEED THE STAGE IA LIMITS SHOWN.

SEE "DEMOLITION & CONSTRUCTION SEQUENCE" PLANS FOR STAGING INFORMATION.

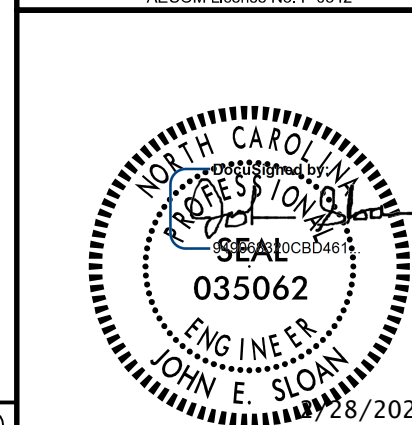
FOR REINFORCING, SEE SHEET 2.

DEMOLITION LIMITS ARE SHOWN FOR THE CONVENIENCE OF THE CONTRACTOR. THE CONTRACTOR SHALL SUBMIT DETAILED DEMOLITION SEQUENCES AND SHALL BE RESPONSIBLE FOR THE STABILITY OF THE PARTIALLY DEMOLISHED END BENT THROUGHOUT THE DURATION OF CONSTRUCTION.

*TOP OF BACKWALL ELEVATION SHALL MATCH TOP OF PROPOSED FLOORBEAM AT END BENT.

PROJECT NO. 15BPR.20
HENDERSON COUNTY
STATION: 35+30.22 -L-

SHEET 1 OF 5



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE
END BENT 1
STAGE IA

REVISIONS

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

SHEET NO.
S-112
TOTAL SHEETS
129

DRAWN BY : H. ROSEMOND DATE : 1/2019
CHECKED BY : G. COLS DATE : 1/2019
DESIGNED BY : K. MUENCH DATE : 1/2019
DESIGN CHECKED BY : J. SLOAN DATE : 1/2019

DOCUMENT NOT CONSIDERED
FINAL UNLESS ALL
SIGNATURES COMPLETED

USER: Arch/Resmond
DN: R:\Structures\04 Drawings\01_2009_15BPR\20_SMU_EB1.dgn