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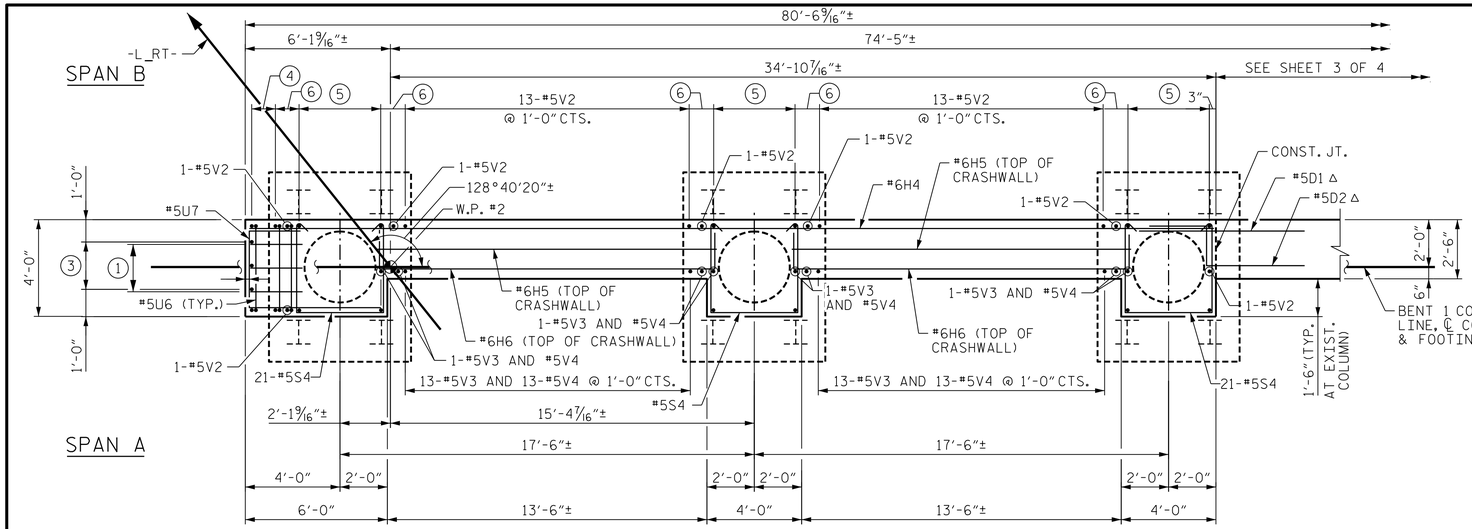
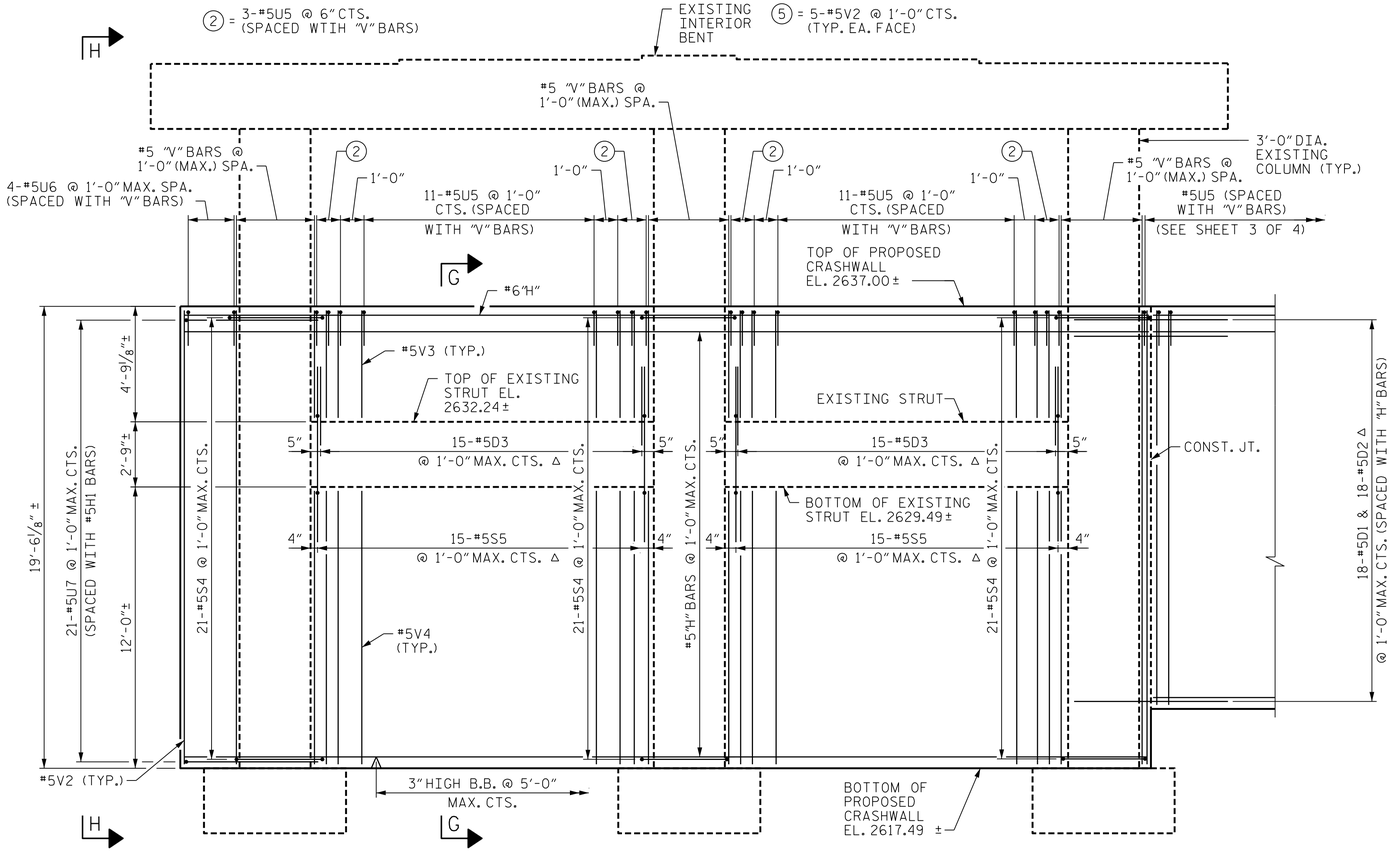
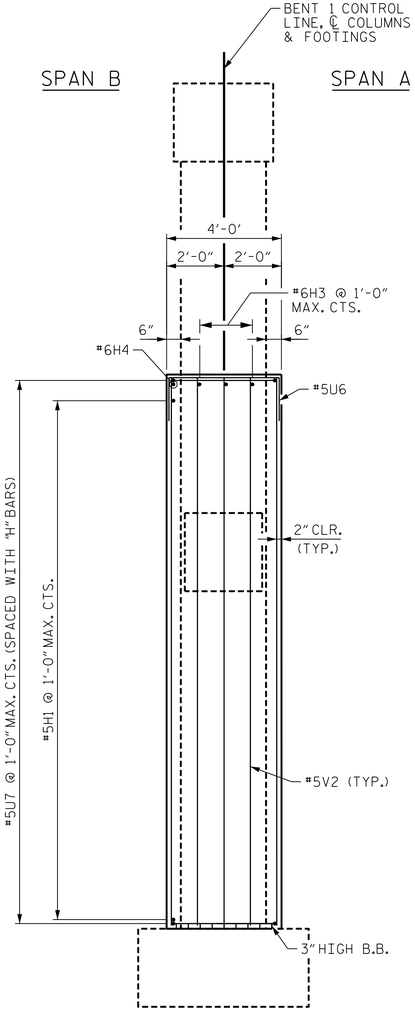


① = 3-#6H3 @ 1'-0" CTS. (SPA. WITH #5V2)
② = 3-#5U5 @ 6" CTS. (SPACED WTIH "V" BARS)
③ = 3-#5V2 @ 1'-0" CTS.
④ = 2-#5V2 @ 1'-0" CTS. (TYP. EA. FACE)
⑤ = 5-#5V2 @ 1'-0" CTS. (TYP. EA. FACE)
⑥ = 2 SPA. @ 6" (TYP. EA. FACE)

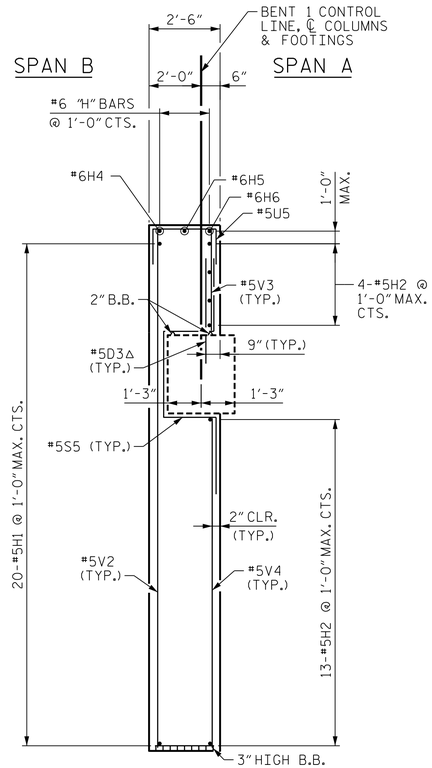
PLAN



ELEVATION OF CRASHWALL



VIEW H-H



SECTION G-G

Δ = 3'-0" MIN. SPLICE

NOTES

#5D3 DOWELS PLACED IN THE EXISTING CONCRETE SHALL BE INSTALLED WITH FIELD-DRILLED HOLES AND AN EPOXY ADHESIVE ANCHORING SYSTEM. NO FIELD TESTING IS REQUIRED. EMBEDMENT LENGTH TO BE DETERMINED BY THE MANUFACTURER OF THE ADHESIVELY ANCHORED ANCHOR SYSTEM. #5D3 BAR LENGTH WAS BASED ON A 1'-0" EMBEDMENT LENGTH. FOR ADHESIVELY ANCHORED ANCHOR BOLTS OR DOWELS, SEE SECTION 420-13 OF THE STANDARD SPECIFICATIONS.

DOWELS SHALL BE LOCATED TO AVOID DAMAGE TO EXISTING REINFORCING.

PROJECT NO. B-3186/B-5898

HAYWOOD COUNTY

STATION: 68+65.75± -L_RT-

SHEET 2 OF 4

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH

SUBSTRUCTURE BENT 1 CRASHWALL

REVISIONS						SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:	S03R-36
1	--	--	3	--	--	TOTAL SHEETS
2	--	--	4	--	--	61

NORTH CAROLINA PROFESSIONAL SEAL 043854 ENGINEER ERIC M. NOLTING

Eric Nolting 1/25/2022

HDR Engineering, Inc. of the Carolinas
555 Fayetteville St., Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DES BY:	D. MAST	DATE :	07/21
DES CHK:	E. NOLTING	DATE :	08/21
DWG BY:	D. CARTER	DATE :	07/21
CHK BY:	E. NOLTING	DATE :	08/21

PLOT DRIVER: NCDOT STRUCTURES DEFAULT PLOTTER.plt PENTABLE: NCDOT STRUCTURES DEFAULT PEN.tbl
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