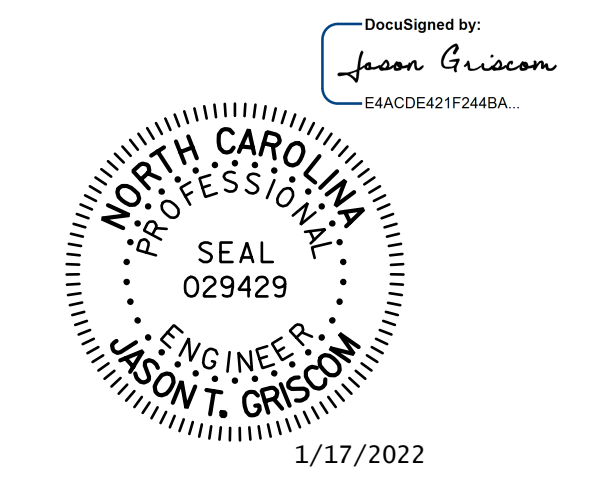
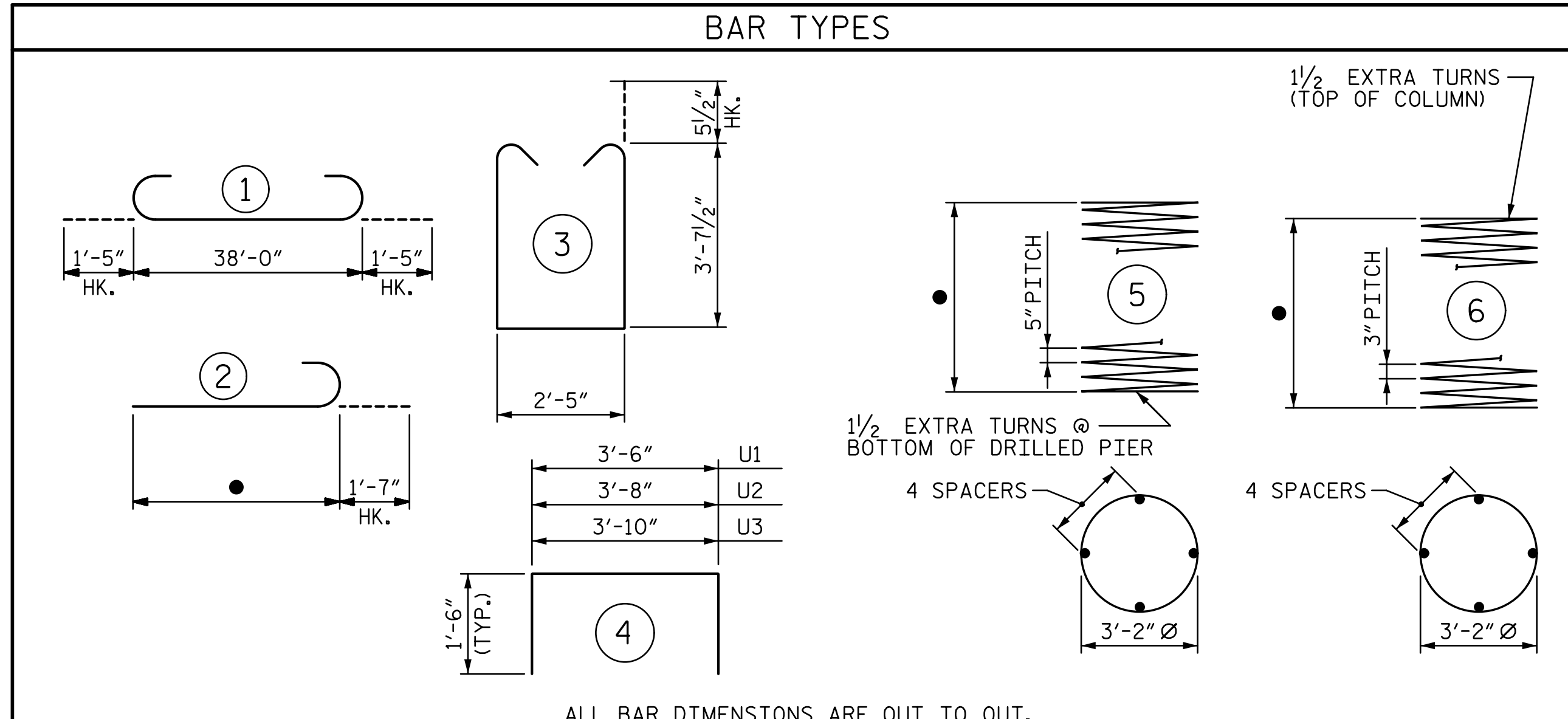


BILL OF REINFORCING							BILL OF REINFORCING							BILL OF REINFORCING							BILL OF REINFORCING							BILL OF REINFORCING						
BENT 1							BENT 2							BENT 3							BENT 4							BENT 5						
MARK	NO.	SIZE	TYPE	●	LENGTH	WEIGHT	MARK	NO.	SIZE	TYPE	●	LENGTH	WEIGHT	MARK	NO.	SIZE	TYPE	●	LENGTH	WEIGHT	MARK	NO.	SIZE	TYPE	●	LENGTH	WEIGHT	MARK	NO.	SIZE	TYPE	●	LENGTH	WEIGHT
B1	6	#10	①		40'-10"	1054	B1	6	#10	①		40'-10"	1054	B1	6	#10	①		40'-10"	1054	B1	6	#10	①		40'-10"	1054	B1	6	#10	①		40'-10"	1054
B2	6	#10	STR		38'-0"	981	B2	6	#10	STR		38'-0"	981	B2	6	#10	STR		38'-0"	981	B2	6	#10	STR		38'-0"	981	B2	6	#10	STR		38'-0"	981
B3	8	#5	STR		38'-0"	317	B3	8	#5	STR		38'-0"	317	B3	8	#5	STR		38'-0"	317	B3	8	#5	STR		38'-0"	317	B3	8	#5	STR		38'-0"	317
B4	12	#4	STR		3'-3"	26	B4	12	#4	STR		3'-3"	26	B4	12	#4	STR		3'-3"	26	B4	12	#4	STR		3'-3"	26	B4	12	#4	STR		3'-3"	26
M1	42	#11	STR		30'-7"	6825	M1	42	#11	STR		30'-4"	6769	M1	42	#11	STR		37'-4"	8331	M1	42	#11	STR		34'-10"	7773	M1	42	#11	STR		22'-10"	5095
S1	88	#5	③		10'-7"	971	S1	88	#5	③		10'-7"	971	S1	88	#5	③		10'-7"	971	S1	88	#5	③		10'-7"	971	S1	88	#5	③		10'-7"	971
U1	8	#4	④		6'-6"	35	U1	8	#4	④		6'-6"	35	U1	8	#4	④		6'-6"	35	U1	8	#4	④		6'-6"	35	U1	8	#4	④		6'-6"	35
U2	8	#4	④		6'-8"	36	U2	8	#4	④		6'-8"	36	U2	8	#4	④		6'-8"	36	U2	8	#4	④		6'-8"	36	U2	8	#4	④		6'-8"	36
U3	28	#4	④		6'-10"	128	U3	28	#4	④		6'-10"	128	U3	28	#4	④		6'-10"	128	U3	28	#4	④		6'-10"	128	U3	28	#4	④		6'-10"	128
V1	42	#11	②	23'-4"	24'-11"	5560	V1	42	#11	②	25'-4"	26'-11"	6006	V1	42	#11	②	25'-4"	26'-11"	6006	V1	42	#11	②	29'-7"	31'-2"	6955	V1	42	#11	②	29'-4"	30'-11"	6899
REINFORCING STEEL 15,933 LBS.							REINFORCING STEEL 16,323 LBS.							REINFORCING STEEL 17,885 LBS.							REINFORCING STEEL 18,276 LBS.							REINFORCING STEEL 15,542 LBS.						
SP-1	3	**	⑤	22'-8"	547'-6"	1713	SP-1	3	**	⑤	22'-5"	541'-8"	1695	SP-1	3	**	⑤	29'-5"	706'-2"	2210	SP-1	3	**	⑤	26'-11"	647'-5"	2026	SP-1	3	**	⑤	14'-11"	365'-4"	1143
SP-2	3	*	⑥	21'-6"	859'-4"	1722	SP-2	3	*	⑥	23'-6"	937'-11"	1880	SP-2	3	*	⑥	23'-6"	937'-11"	1880	SP-2	3	*	⑥	27'-9"	1104'-10"	2214	SP-2	3	*	⑥	27'-6"	1095'-1"	2195
SPIRAL COLUMN REINFORCING STEEL 3,435 LBS.							SPIRAL COLUMN REINFORCING STEEL 3,575 LBS.							SPIRAL COLUMN REINFORCING STEEL 4,090 LBS.							SPIRAL COLUMN REINFORCING STEEL 4,240 LBS.							SPIRAL COLUMN REINFORCING STEEL 3,338 LBS.						
CLASS A CONCRETE							CLASS A CONCRETE							CLASS A CONCRETE							CLASS A CONCRETE							CLASS A CONCRETE						
COLUMN POUR 22.7 C.Y.							COLUMN POUR 24.9 C.Y.							COLUMN POUR 24.9 C.Y.							COLUMN POUR 29.4 C.Y.							COLUMN POUR 29.1 C.Y.						
CAP POUR 24.2 C.Y.							CAP POUR 24.2 C.Y.							CAP POUR 24.2 C.Y.							CAP POUR 24.2 C.Y.							CAP POUR 24.2 C.Y.						
TOTAL CLASS A CONCRETE 46.9 C.Y.							TOTAL CLASS A CONCRETE 49.1 C.Y.							TOTAL CLASS A CONCRETE 49.1 C.Y.							TOTAL CLASS A CONCRETE 53.6 C.Y.							TOTAL CLASS A CONCRETE 53.3 C.Y.						
DRILLED PIERS:							DRILLED PIERS:							DRILLED PIERS:							DRILLED PIERS:							DRILLED PIERS:						
DRILLED PIER CONCRETE 32.1 C.Y.							DRILLED PIER CONCRETE 31.8 C.Y.							DRILLED PIER CONCRETE 41.5 C.Y.							DRILLED PIER CONCRETE 38.0 C.Y.							DRILLED PIER CONCRETE 21.3 C.Y.						
4'-0" Ø DRILLED PIER NOT IN SOIL 47.0 LIN. FT.							4'-0" Ø DRILLED PIER NOT IN SOIL 38.0 LIN. FT.							4'-0" Ø DRILLED PIER NOT IN SOIL 48.0 LIN. FT.							4'-0" Ø DRILLED PIER NOT IN SOIL 51.0 LIN. FT.							4'-0" Ø DRILLED PIER NOT IN SOIL 34.0 LIN. FT.						
4'-0" Ø DRILLED PIER IN SOIL 22.0 LIN. FT.							4'-0" Ø DRILLED PIER IN SOIL 30.3 LIN. FT.							4'-0" Ø DRILLED PIER IN SOIL 41.3 LIN. FT.							4'-0" Ø DRILLED PIER IN SOIL 30.8 LIN. FT.							4'-0" Ø DRILLED PIER IN SOIL 11.8 LIN. FT.						
CSL TUBES 294 LIN. FT.							CSL TUBES 291 LIN. FT.							CSL TUBES 375 LIN. FT.							CSL TUBES 345 LIN. FT.							CSL TUBES 201 LIN. FT.						

\*\*THE SP-1 SPIRAL REINFORCING STEEL SHALL BE W31 OR D-31 COLD DRAWN WIRE OR #5 PLAIN OR DEFORMED BAR

\* THE SP-2 SPIRAL REINFORCING STEEL SHALL BE W20 OR D-20 COLD DRAWN WIRE OR #4 PLAIN OR DEFORMED BAR



**STV** 100 YEARS STV ENGINEERS, INC.  
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Charlotte, NC 28202  
NC License Number F-0991

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

PROJECT NO. B-5810  
CABARRUS COUNTY  
STATION: 23+17.00 -L-  
SHEET 3 OF 3

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION RALEIGH					
BENTS 1-5					
REVISIONS					SHEET NO.
NO.	BY:	DATE:	NO.	BY:	DATE:
1			3		
2			4		
					S-33
					TOTAL SHEETS 36

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