

10-MAY-2021 12:39 J:\Structures\Plans\B5642_SMU_ E*_090065.dgn pknewton

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| | BILL OF MATERIAL | | | | | | |
|----------------------------------------------------------------------------|------------------------------------------------------|-------------|------------|------------|-------------------------|-------------------|--|
| | FOR ONE END BENT (2 REQ'D.) | | | | | | |
| | BAR | NO. | SIZE | TYPE | LENGTH | WEIGHT | |
| | B1 | 9 | # 9 | 1 | 51'-9" | 1584 | |
| | B2 B3 | 12 10 | #4 #4 | STR STR | <u>25'-10″</u> 3'-8″ | 207 25 | |
| | 05 | | | 511 | 5.0 | 23 | |
| 3'-8" 4 ¹ / ₂ " S2 | H1 | 5 | #4 | 2 | 9'-4" | 31 | |
| 1'-8" 4 ¹ /2" S5 | H2 | 5 | #4 | 2 | 10'-1" | 34 | |
| | К1 | 8 | # 4 | STR | 3'-9" | 20 | |
| (4) нк. | S1 | 60 | #4 | 3 | 8'-8" | 347 | |
| | S2 | 60 | #4 | 4 | 4'-5" | 177 | |
| | S3 | 14 | #4 | 5 | 6'-6" | 61 | |
| ΔP\ | S4 S5 | 20 20 | #4 #4 | 3 | 4'-8" 2'-5" | 62 32 | |
| | | 20 | | | 2 3 | 52 | |
| | V1 | 20 | # 4 | STR | 4'-11" | 66 | |
| | | | | | | | |
| ((5)) | | | | | | | |
| $\backslash \smile /$ | | | | | | | |
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| 1'-8"Ø | | | | | | | |
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| | | | | | | | |
| | REINFORCING STEEL (FOR ONE END BENT) 2,646 LBS. | | | | | | |
| END BENT 2 | | | | | | | |
| TEEL PILES LIN.FT. 420 | CLASS A CONCRETE BREAKDOWN (FOR ONE END BENT) | | | | | | |
| ING EQUIPMENT | POUR #1 CAP 18.4 C.Y. | | | | | | |
| UP FOR 3 STEEL PILES NO.: 7 | | | | • COB | TNCS | | |
| OINTS NO.: 7 | POUR #2 WINGS & COPINGS 3.6 C.Y. | | | | | | |
| S NO.: 4 | TOTAL CLASS A CONCRETE 22.0 C.Y. | | | | | | |
| D STEEL SHEET PILES | | | | | | | |
| 45 SQ. FT. = 1780.0 | | | | | | | |
| 2 SQ. FT. = 7.0 | | | | | | | |
| 7 SQ. FT. = 1787.0 | J | | | | | | |
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| 'ANCHOR STUDS _DED TO EVERY OTHER | | | | | | | |
| LE CONNECTION | | | | | | | |
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| | | | | | | | |
| WIN.) (MIN.) - 2'-6" | | | | _ | | | |
| | | | | | | | |
| BRUNSWICK COUNTY | | | | | | | |
| <u> </u> | | | | | | | |
| | ATIO | N: | 18- | +30 | .00 - | | |
| FET PTLE | T 4 OF | | | | | | |
| | | | | | | | |
| | STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION | | | | | | |
| NUMBER OF CAROLINA | SUBSTRUCTURE | | | | | | |
| ROFESSION TO THE | | | | | | | |
| SEAL 26445 WGINEER OREY NEW Docusigned by: P. Korey, Newton | | | | | | | |
| NCINEER O | END BENTS 1 & 2 | | | | | | |
| THEY NEW MININ | | | DET | | | | |
| Docusigned by: P. Korey Newton | | l | | ~ _ L | | | |
| 4FFE39D1431B407 5/10/2021 | | | | | | | |
| NO. | BY: | RE DATE: | VISIONS | BY: | DATE: | SHEET NO. S-12 | |
| JMENT NOT CONSIDERED | ויט: | UAIE: | 3 | 01: | UAIL: | TOTAL | |
| GNATURES COMPLETED 2 | | | 4 | | | 14 | |
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