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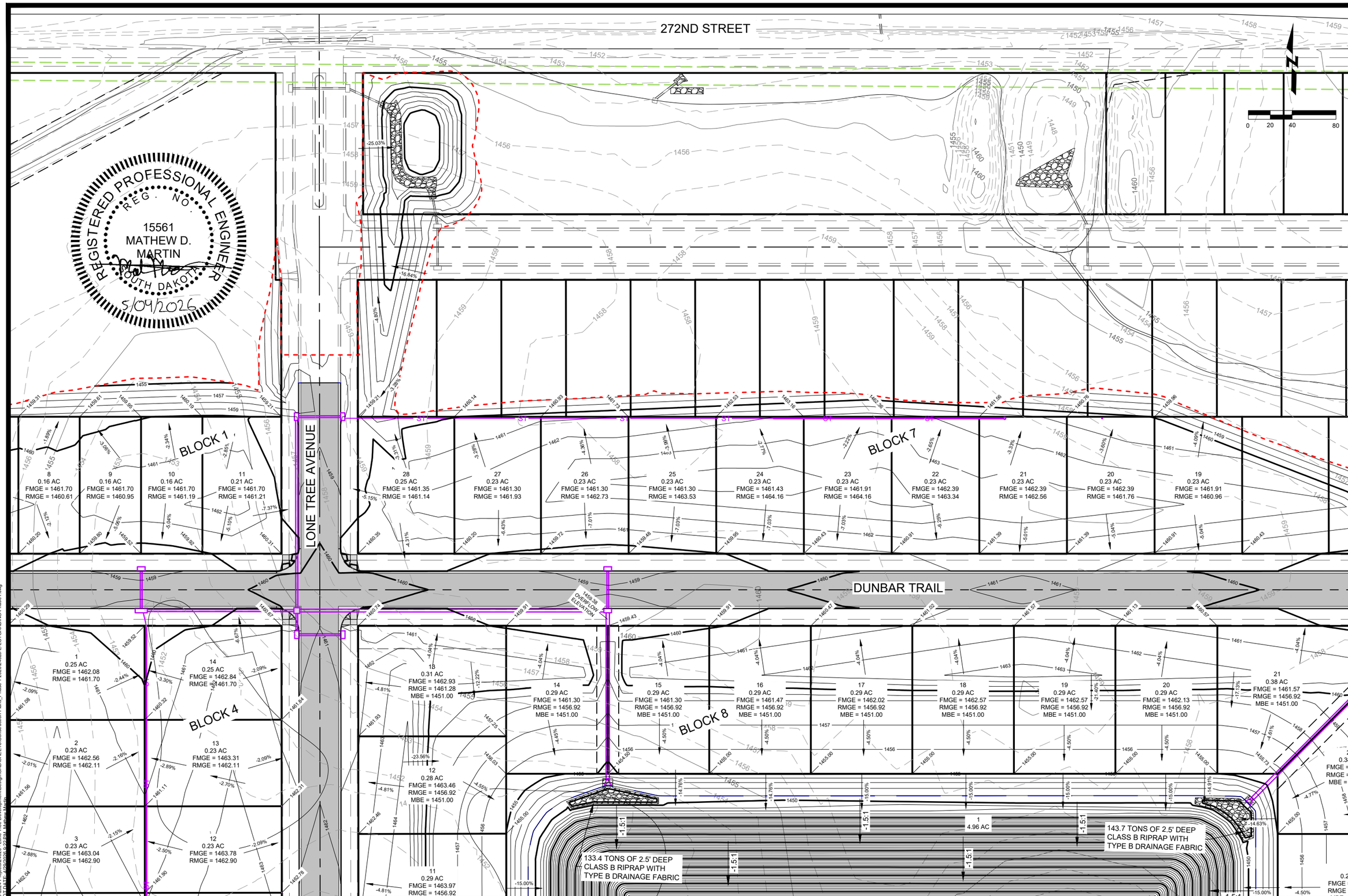
LONE TREE ADDITION
CONSTRUCTION PLANS PHASE 1
HARRISBURG, SD



LONE TREE ADDITION
CONSTRUCTION PLANS PHASE 1
HARRISBURG, SD

OVERALL GRADING

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E.04

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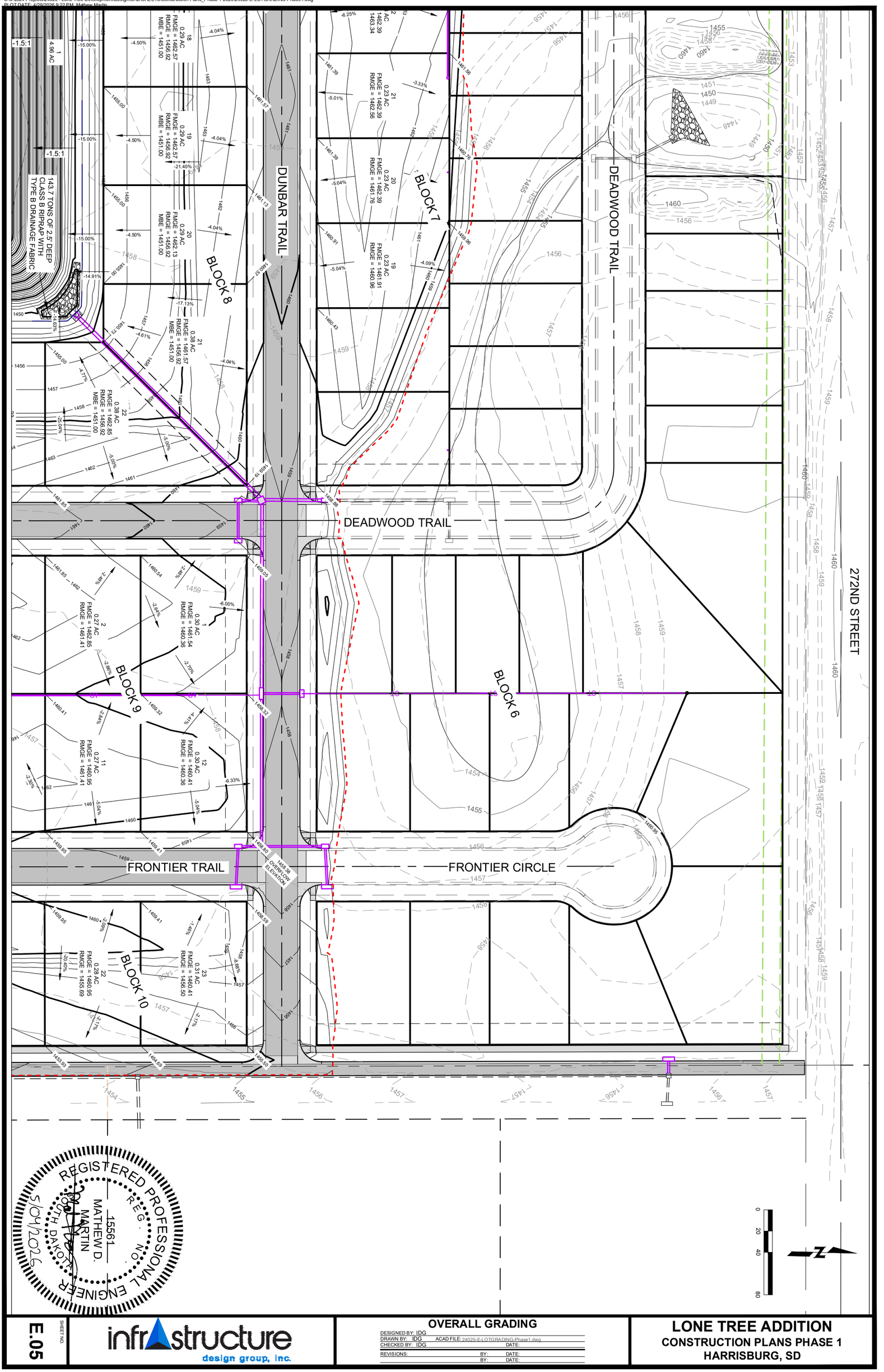

REGISTERED PROFESSIONAL ENGINEER
MATHEW D. MARTIN
REG. NO. 15561
SOUTH DAKOTA
5/04/2026

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LONE TREE ADDITION
CONSTRUCTION PLANS PHASE 1
HARRISBURG, SD

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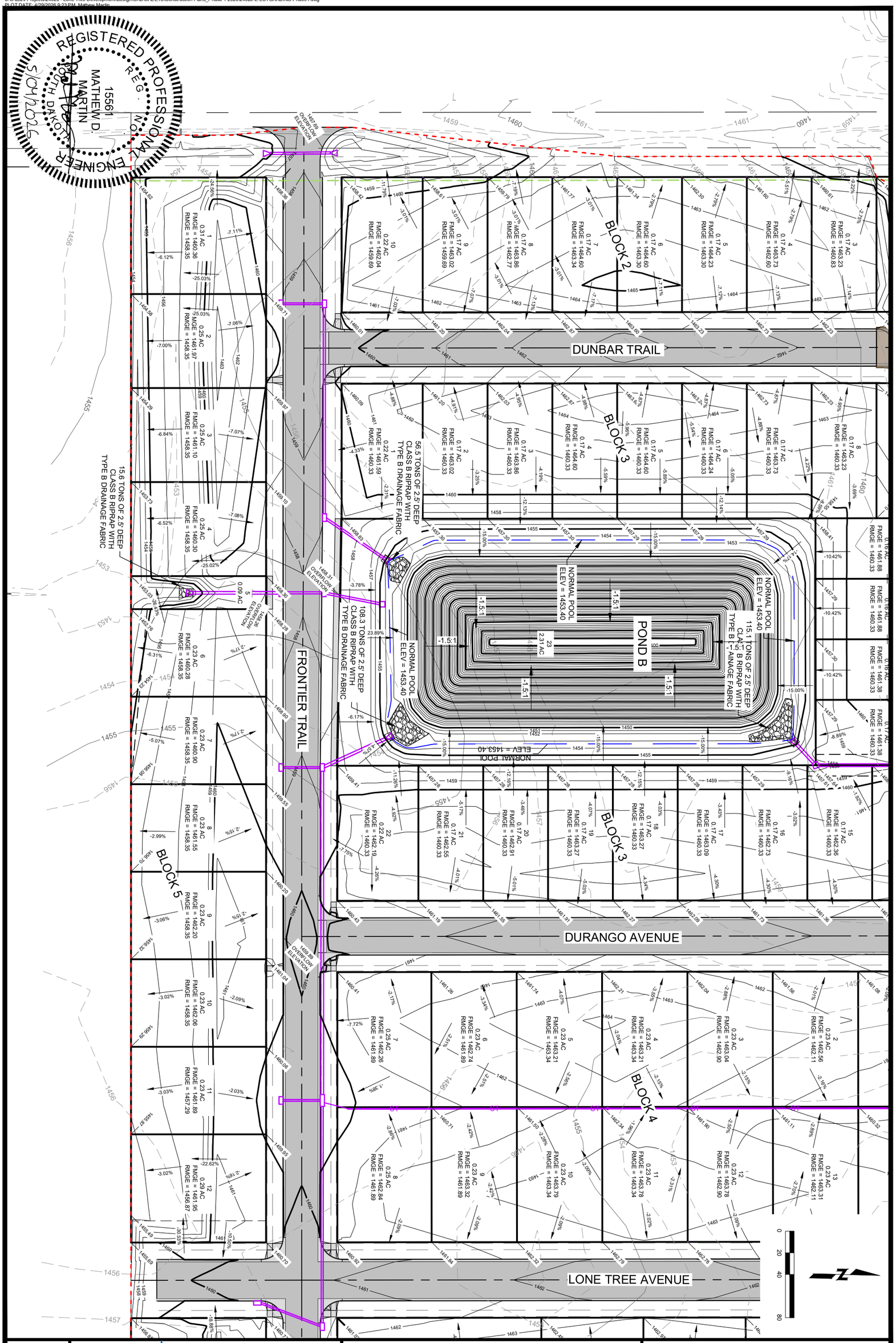

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OVERALL GRADING

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LONE TREE ADDITION
CONSTRUCTION PLANS PHASE 1
HARRISBURG, SD

LONE TREE ADDITION
CONSTRUCTION PLANS PHASE 1
HARRISBURG, SD

OVERALL GRADING

LONE TREE AVENUE

FRONTIER TRAIL

BLOCK 4

BLOCK 5

BLOCK 8

BLOCK 10

POND C

1
4.96 AC

133.4 TONS OF 2.5' DEEP CLASS B RIPRAP WITH TYPE B DRAINAGE FABRIC

143.7 TONS OF 2.5' DEEP CLASS B RIPRAP WITH TYPE B DRAINAGE FABRIC

329.6 TONS OF 2.5' DEEP CLASS B RIPRAP WITH TYPE B DRAINAGE FABRIC

48.0 TONS OF 2.5' DEEP CLASS B RIPRAP WITH TYPE B DRAINAGE FABRIC

1
4.96 ACRES
-1.5:1

NORMAL POOL ELEV = 1451.00

NORMAL POOL ELEV = 1451.00

NORMAL POOL ELEV = 1451.00

100-YR HWL =1453.48

OVERFLOW ELEVATION 1454.92

OVERFLOW ELEVATION 1454.93

REGISTERED PROFESSIONAL ENGINEER
REG. NO.
15561
MATHEW D.
MARTIN
SOUTH DAKOTA
5/04/2026

DESIGNED BY: IDG
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E.07

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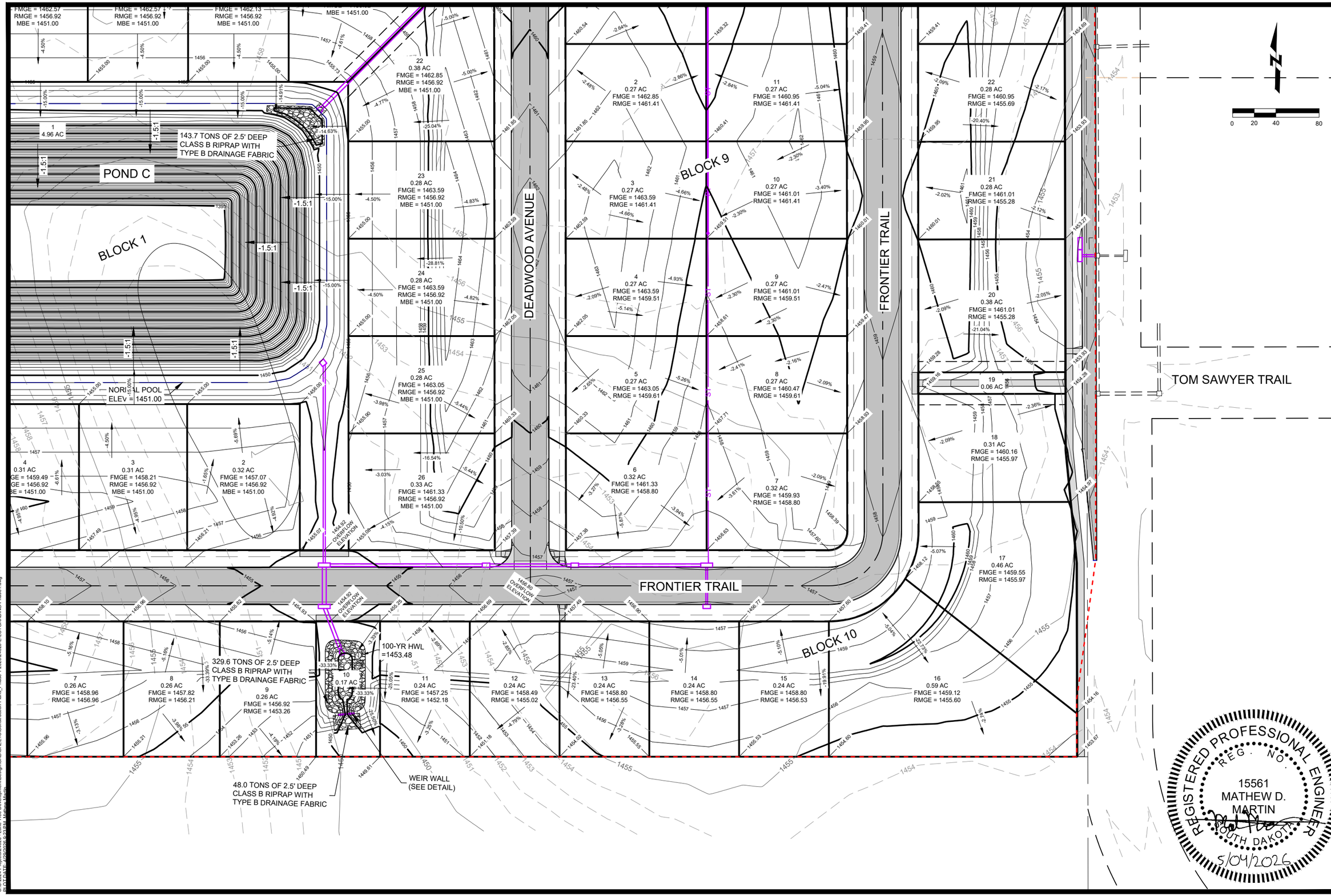

LONE TREE ADDITION
CONSTRUCTION PLANS PHASE 1
HARRISBURG, SD

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5/04/2026

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E.08

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