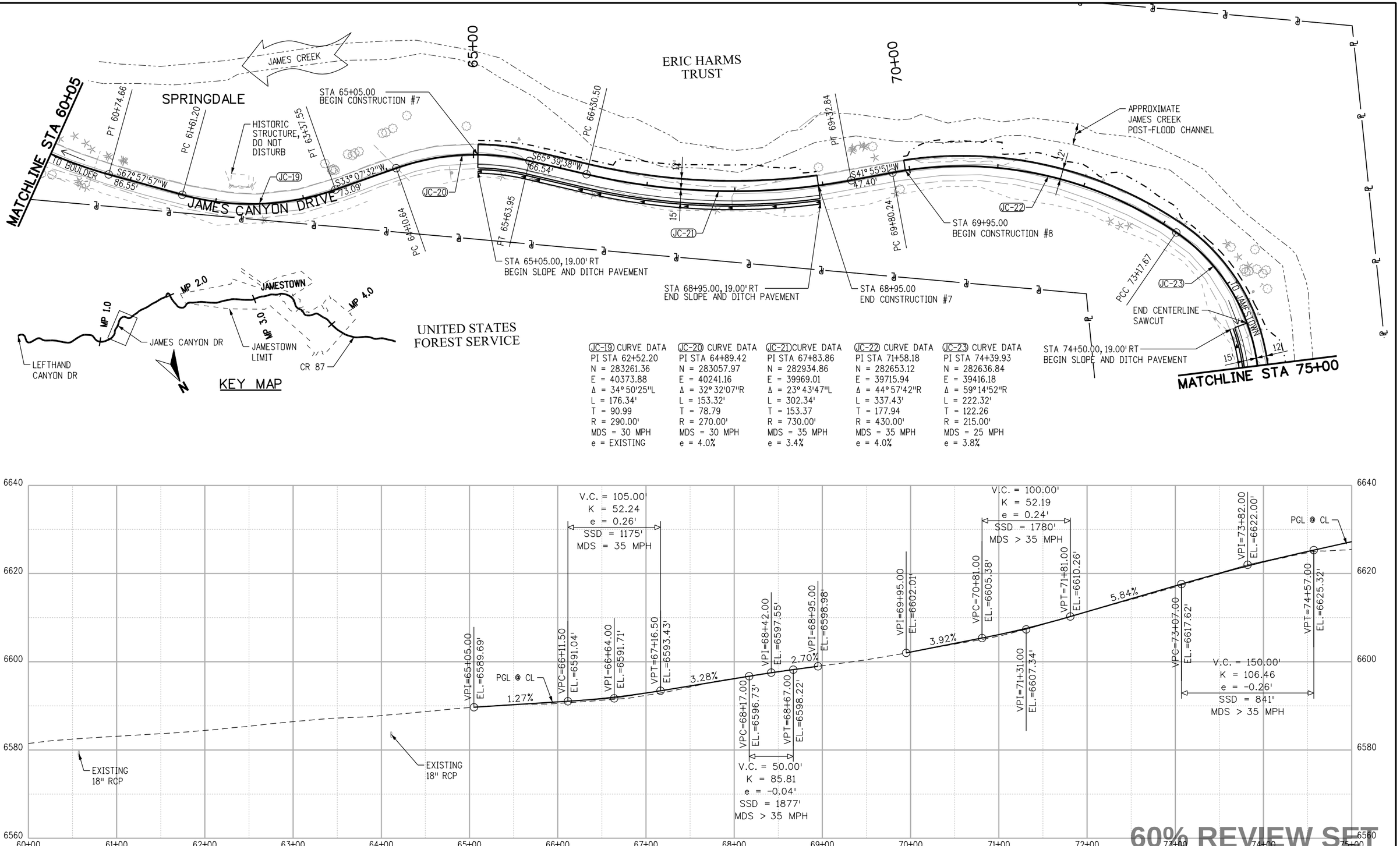

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CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

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Boulder County

BOULDER COUNTY TRANSPORTATION DEPARTMENT
ENGINEERING DIVISION

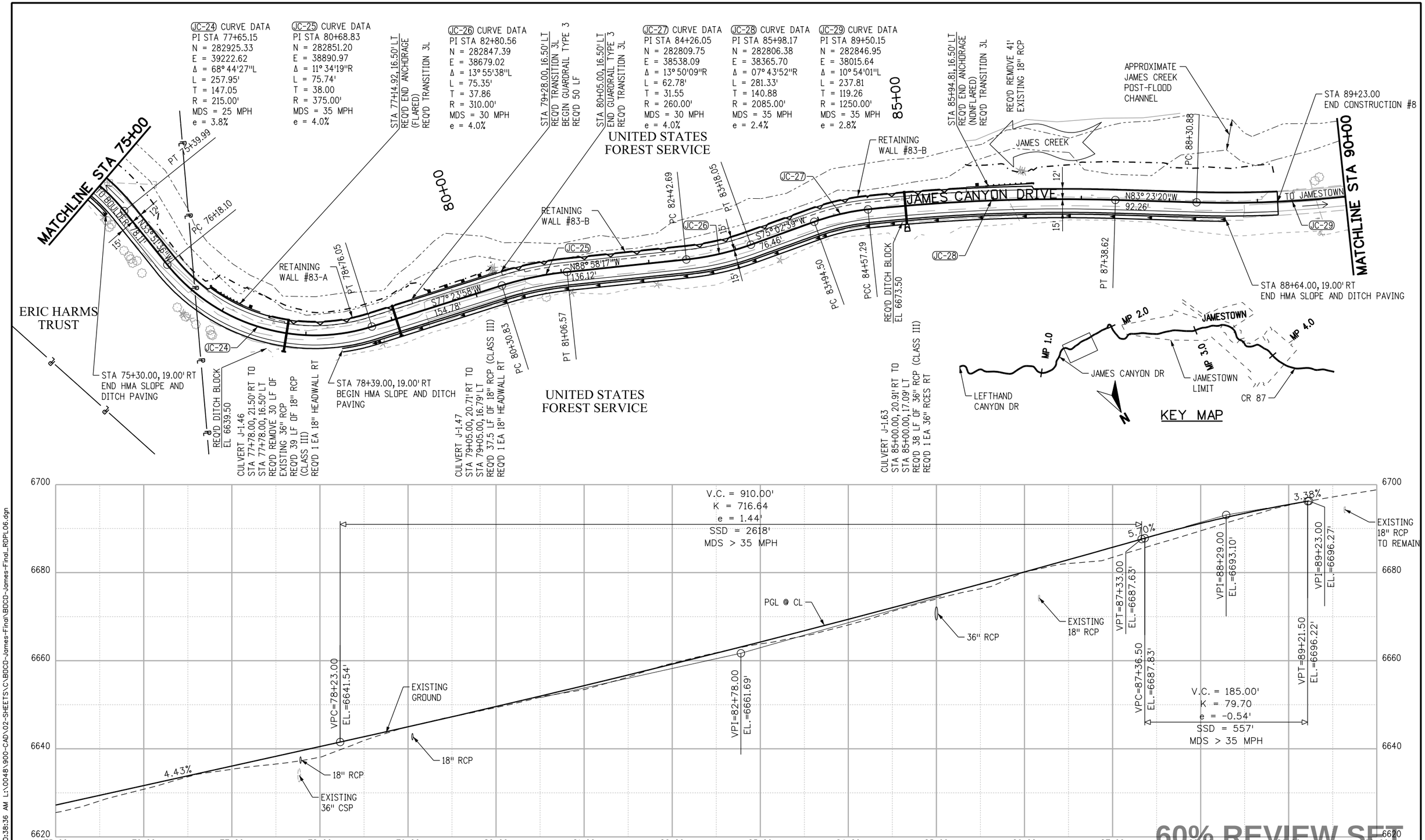
AECOM

DESIGNED:	CAD:	CHECKED:	DATE:
JTS	JTS	MES	01/22/2016

JAMES CANYON
PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91

SHEET NO: 11



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PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91
SHEET NO: 12

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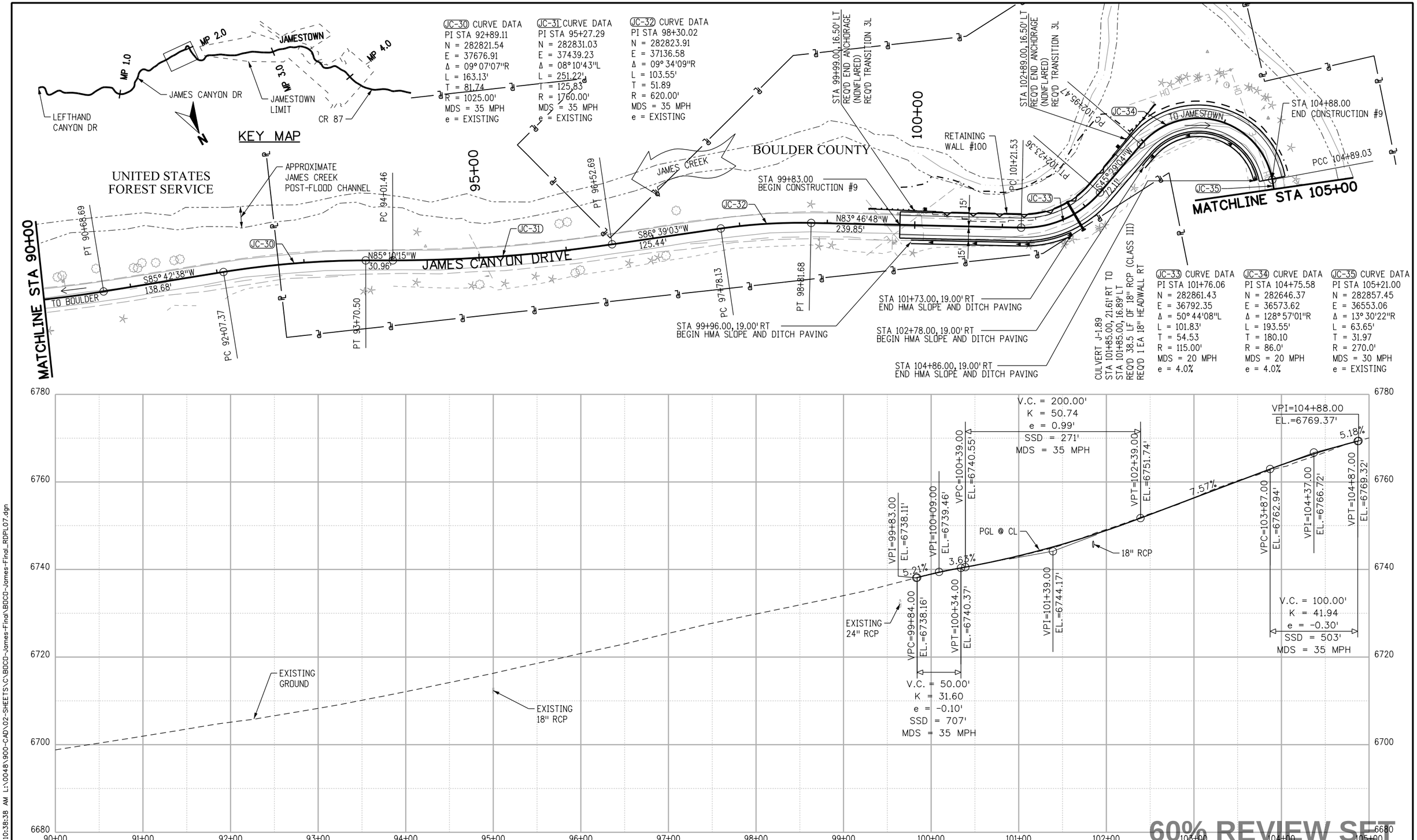

0' 50' 100' 200'

N

60%

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PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91

SHEET NO: 13

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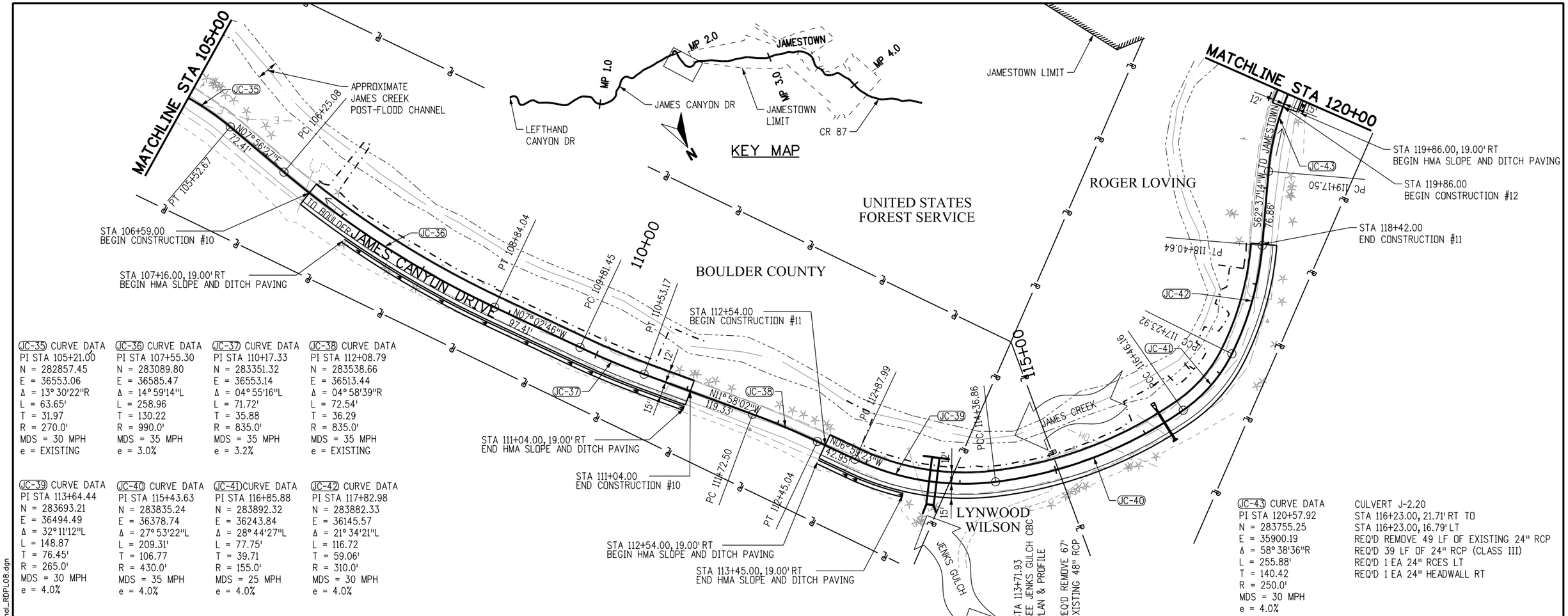


JC-35 CURVE DATA
PI STA 105+21.00
N = 282857.45
E = 36553.06
Δ = 13° 30'22"R
L = 63.65'
T = 31.97
R = 270.0'
MDS = 30 MPH
e = EXISTING

JC-36 CURVE DATA
PI STA 107+55.30
N = 283089.80
E = 36585.47
Δ = 14° 59'14"L
L = 258.96
T = 130.22
R = 990.0'
MDS = 35 MPH
e = 3.0%

JC-37 CURVE DATA
PI STA 110+17.33
N = 283351.32
E = 36553.14
Δ = 04° 55'16"L
L = 71.72'
T = 35.88
R = 835.0'
MDS = 35 MPH
e = 3.2%

JC-38 CURVE DATA
PI STA 112+08.79
N = 283538.66
E = 36513.44
Δ = 04° 58'39"R
L = 72.54'
T = 36.29
R = 835.0'
MDS = 35 MPH
e = EXISTING

JC-39 CURVE DATA
PI STA 113+64.44
N = 283693.21
E = 36494.49
Δ = 32° 11'12"L
L = 148.87
T = 76.45'
R = 265.0'
MDS = 30 MPH
e = 4.0%

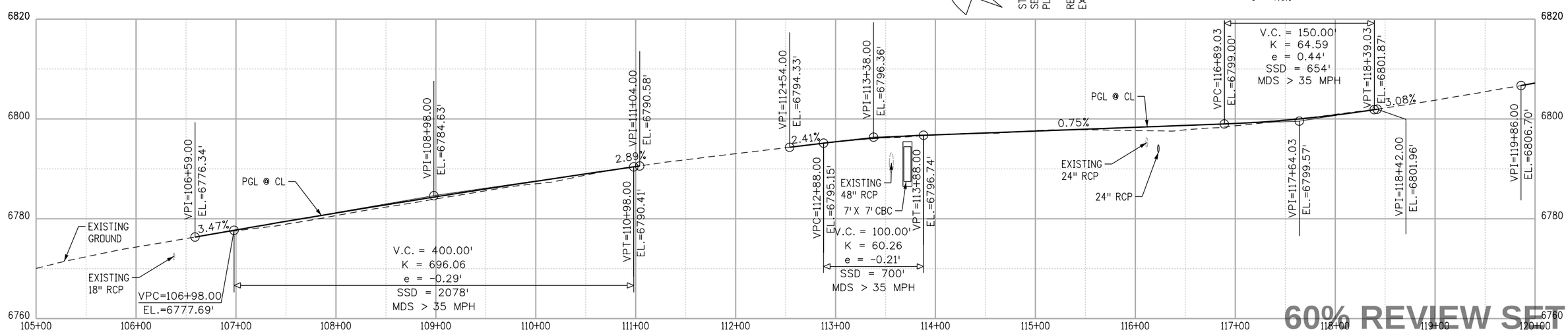
JC-40 CURVE DATA
PI STA 115+43.63
N = 283835.24
E = 36378.74
Δ = 27° 53'22"L
L = 209.31'
T = 106.77
R = 430.0'
MDS = 35 MPH
e = 4.0%

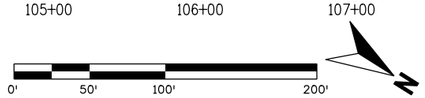
JC-41 CURVE DATA
PI STA 116+85.88
N = 283892.32
E = 36243.84
Δ = 28° 44'27"L
L = 77.75'
T = 39.71
R = 155.0'
MDS = 25 MPH
e = 4.0%

JC-42 CURVE DATA
PI STA 117+82.98
N = 283882.33
E = 36145.57
Δ = 21° 34'21"L
L = 116.72
T = 59.06'
R = 310.0'
MDS = 30 MPH
e = 4.0%

JC-43 CURVE DATA
PI STA 120+57.92
N = 283755.25
E = 35900.19
Δ = 58° 38'36"R
L = 255.88'
T = 140.42
R = 250.0'
MDS = 30 MPH
e = 4.0%

CULVERT J-2.20
STA 116+23.00, 21.71' RT TO
STA 116+23.00, 16.79' LT
REQ'D REMOVE 49 LF OF EXISTING 24" RCP
REQ'D 39 LF OF 24" RCP (CLASS III)
REQ'D 1 EA 24" RCES LT
REQ'D 1 EA 24" HEADWALL RT





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DESIGNED:	CAD:	CHECKED:	DATE:
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JAMES CANYON
PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91
SHEET NO: 14

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