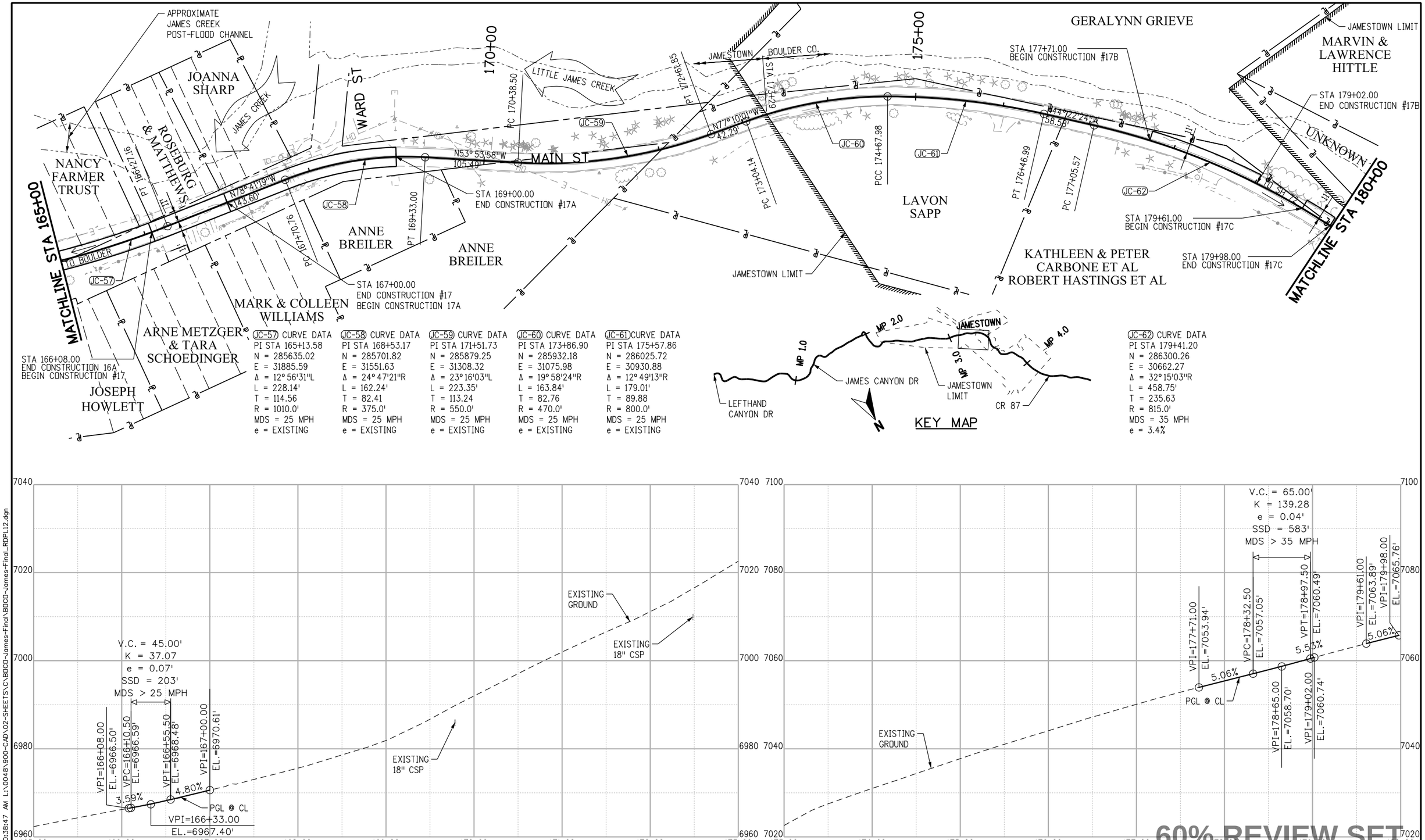

JC-57 CURVE DATA
PI STA 165+13.58
N = 285635.02
E = 31885.59
Δ = 12°56'31"L
L = 228.14'
T = 114.56
R = 1010.0'
MDS = 25 MPH
e = EXISTING

JC-58 CURVE DATA
PI STA 168+53.17
N = 285701.82
E = 31551.63
Δ = 24°47'21"R
L = 162.24'
T = 82.41
R = 375.0'
MDS = 25 MPH
e = EXISTING

JC-59 CURVE DATA
PI STA 171+51.73
N = 285879.25
E = 31308.32
Δ = 23°16'03"L
L = 223.35'
T = 113.24
R = 550.0'
MDS = 25 MPH
e = EXISTING

JC-60 CURVE DATA
PI STA 173+86.90
N = 285932.18
E = 31075.98
Δ = 19°58'24"R
L = 163.84'
T = 82.76
R = 470.0'
MDS = 25 MPH
e = EXISTING

JC-61 CURVE DATA
PI STA 175+57.86
N = 286025.72
E = 30930.88
Δ = 12°49'13"R
L = 179.01'
T = 89.88
R = 800.0'
MDS = 25 MPH
e = EXISTING

JC-62 CURVE DATA
PI STA 179+41.20
N = 286300.26
E = 30662.27
Δ = 32°15'03"R
L = 458.75'
T = 235.63
R = 815.0'
MDS = 35 MPH
e = 3.4%

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60%

CALL UTILITY NOTIFICATION CENTER OF COLORADO
811
CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES

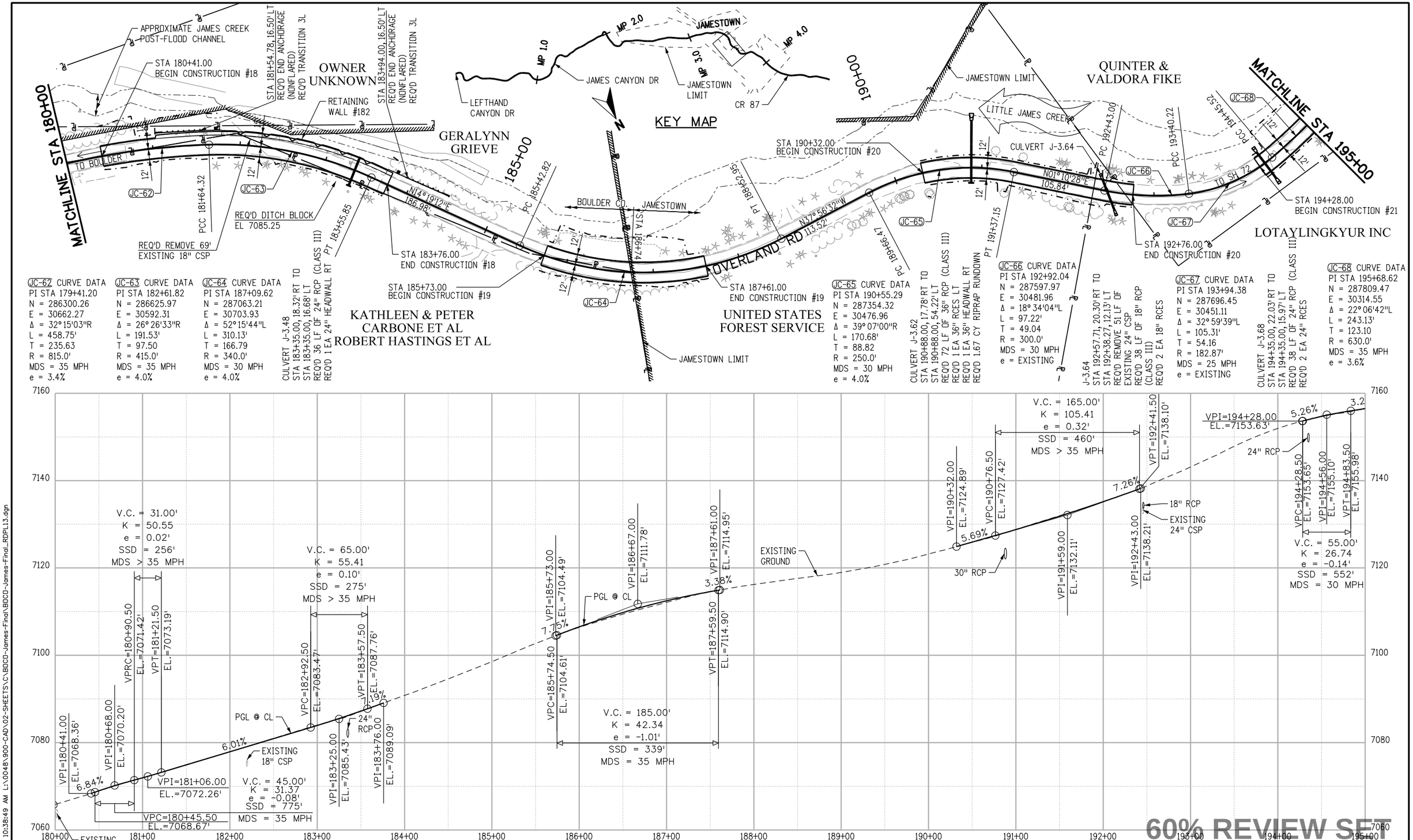
REVISIONS:	NO.	DATE	REVISION DESCRIPTION:

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: 18


MATCHLINE STA 180+00
MATCHLINE STA 195+00
APPROXIMATE JAMES CREEK POST-FLOOD CHANNEL
STA 180+41.00 BEGIN CONSTRUCTION #18
STA 181+54.78, 16.50' LT REQ'D END ANCHORAGE (NONFLARED) REQ'D TRANSITION 3L
STA 183+94.00, 16.50' LT REQ'D END ANCHORAGE (NONFLARED) REQ'D TRANSITION 3L
OWNER UNKNOWN
RETAINING WALL #182
GERALYNN GRIEVE
TO BOULDER
JC-62
JC-63
PCC 181+64.32
REQ'D DITCH BLOCK EL 7085.25
REQ'D REMOVE 69' EXISTING 18" CSP
N14°19'12"E 186.98'
PT 183+55.85
STA 183+76.00 END CONSTRUCTION #18
STA 185+73.00 BEGIN CONSTRUCTION #19
JC-64
KATHLEEN & PETER CARBONE ET AL ROBERT HASTINGS ET AL
185+00
PC 185+42.82
BOULDER CO.
JAMESTOWN
STA 186+74
PT 188+52.95
OVERLAND RD
N76°56'32"W 113.52'
STA 187+61.00 END CONSTRUCTION #19
UNITED STATES FOREST SERVICE
JAMESTOWN LIMIT
PC 189+66.47
190+00
STA 190+32.00 BEGIN CONSTRUCTION #20
JC-65
PT 191+37.15
JAMESTOWN LIMIT
LITTLE JAMES CREEK
CULVERT J-3.64
N01°10'28"E 105.84'
JC-66
PC 192+43.00
PCC 193+40.22
QUINTER & VALDORA FIKE
TO SH 72
JC-67
STA 192+76.00 END CONSTRUCTION #20
PCC 194+45.52
JC-68
STA 194+28.00 BEGIN CONSTRUCTION #21
LOTAYLINGKYUR INC
KEY MAP
MP 1.0
MP 2.0
MP 3.0
MP 4.0
JAMESTOWN
JAMES CANYON DR
JAMESTOWN LIMIT
LEFTHAND CANYON DR
CR 87
N
JC-62 CURVE DATA
PI STA 179+41.20
N = 286300.26
E = 30662.27
Δ = 32°15'03"R
L = 458.75'
T = 235.63
R = 815.0'
MDS = 35 MPH
e = 3.4%
JC-63 CURVE DATA
PI STA 182+61.82
N = 286625.97
E = 30592.31
Δ = 26°26'33"R
L = 191.53'
T = 97.50
R = 415.0'
MDS = 35 MPH
e = 4.0%
JC-64 CURVE DATA
PI STA 187+09.62
N = 287063.21
E = 30703.93
Δ = 52°15'44"L
L = 310.13'
T = 166.79
R = 340.0'
MDS = 30 MPH
e = 4.0%
CULVERT J-3.48
STA 183+35.00, 18.32' RT TO
STA 183+35.00, 16.68' LT
REQ'D 36 LF OF 24" RCP (CLASS III)
REQ'D 1 EA 24" HEADWALL RT
JC-65 CURVE DATA
PI STA 190+55.29
N = 287354.32
E = 30476.96
Δ = 39°07'00"R
L = 170.68'
T = 88.82
R = 250.0'
MDS = 30 MPH
e = 4.0%
CULVERT J-3.62
STA 190+88.00, 17.78' RT TO
STA 190+88.00, 54.22' LT
REQ'D 72 LF OF 36" RCP (CLASS III)
REQ'D 1 EA 36" RCES LT
REQ'D 1 EA 36" HEADWALL RT
REQ'D 1.67 CY RIPRAP RUNDOWN
JC-66 CURVE DATA
PI STA 192+92.04
N = 287597.97
E = 30481.96
Δ = 18°34'04"L
L = 97.22'
T = 49.04
R = 300.0'
MDS = 30 MPH
e = EXISTING
J-3.64
STA 192+57.71, 20.30' RT TO
STA 192+38.27, 12.13' LT
REQ'D REMOVE 51 LF OF EXISTING 24" CSP
REQ'D 38 LF OF 18" RCP (CLASS III)
REQ'D 2 EA 18" RCES
JC-67 CURVE DATA
PI STA 193+94.38
N = 287696.45
E = 30451.11
Δ = 32°59'39"L
L = 105.31'
T = 54.16
R = 182.87'
MDS = 25 MPH
e = EXISTING
CULVERT J-3.68
STA 194+35.00, 22.03' RT TO
STA 194+35.00, 15.97' LT
REQ'D 38 LF OF 24" RCP (CLASS III)
REQ'D 2 EA 24" RCES
JC-68 CURVE DATA
PI STA 195+68.62
N = 287809.47
E = 30314.55
Δ = 22°06'42"L
L = 243.13'
T = 123.10
R = 630.0'
MDS = 35 MPH
e = 3.6%
7160
7140
7120
7100
7080
7060
V.C. = 31.00'
K = 50.55
e = 0.02'
SSD = 256'
MDS > 35 MPH
VPRC=180+90.50 EL.=7071.42'
VPT=181+21.50 EL.=7073.19'
VPI=180+41.00 EL.=7068.36'
VPI=180+68.00 EL.=7070.20'
6.84%
6.01%
VPI=181+06.00 EL.=7072.26'
EXISTING 18" CSP
V.C. = 45.00'
K = 31.37
e = -0.08'
SSD = 775'
MDS = 35 MPH
VPC=180+45.50 EL.=7068.67'
EXISTING 24" CSP
V.C. = 65.00'
K = 55.41
e = 0.10'
SSD = 275'
MDS > 35 MPH
VPC=182+92.50 EL.=7083.47'
VPT=183+57.50 EL.=7087.76'
PGL @ CL
24" RCP
VPI=183+25.00 EL.=7085.43'
VPI=183+76.00 EL.=7089.09'
VPI=185+73.00 EL.=7104.49'
VPC=185+74.50 EL.=7104.61'
7.10%
PGL @ CL
VPI=186+67.00 EL.=7111.78'
V.C. = 185.00'
K = 42.34
e = -1.01'
SSD = 339'
MDS = 35 MPH
VPI=187+61.00 EL.=7114.95'
VPT=187+59.50 EL.=7114.90'
3.38%
EXISTING GROUND
VPI=190+32.00 EL.=7124.89'
VPC=190+76.50 EL.=7127.42'
5.69%
30" RCP
V.C. = 165.00'
K = 105.41
e = 0.32'
SSD = 460'
MDS > 35 MPH
VPT=192+41.50 EL.=7138.10'
7.26%
VPI=191+59.00 EL.=7132.11'
VPI=192+43.00 EL.=7138.21'
18" RCP
EXISTING 24" CSP
VPI=194+28.00 EL.=7153.63'
5.26%
3.2
24" RCP
VPC=194+28.50 EL.=7153.65'
VPI=194+56.00 EL.=7155.10'
VPT=194+83.50 EL.=7155.98'
V.C. = 55.00'
K = 26.74
e = -0.14'
SSD = 552'
MDS = 30 MPH
180+00
181+00
182+00
183+00
184+00
185+00
186+00
187+00
188+00
189+00
190+00
191+00
192+00
193+00
194+00
195+00
0'
50'
100'
200'
N
60% REVIEW SET
60%
CALL UTILITY NOTIFICATION CENTER OF COLORADO
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CALL 2-BUSINESS DAYS IN ADVANCE BEFORE YOU DIG, GRADE, OR EXCAVATE FOR THE MARKING OF UNDERGROUND MEMBER UTILITIES
REVISIONS:
NO.
DATE
REVISION DESCRIPTION:
Boulder County
BOULDER COUNTY TRANSPORTATION DEPARTMENT
ENGINEERING DIVISION
AECOM
DESIGNED: JTS
CAD: JTS
CHECKED: MES
DATE: 01/22/2016
JAMES CANYON
PLAN AND PROFILE
PROJECT NO: SEPT12C24 SEPT12C91
SHEET NO: 19
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JC-68 CURVE DATA
PI STA 195+68.62
N = 287809.47
E = 30314.55
Δ = 22° 06'42"L
L = 243.13'
T = 123.10
R = 630.0'
MDS = 35 MPH
e = 3.6%

JC-69 CURVE DATA
PI STA 197+75.04
N = 287872.46
E = 30114.77
Δ = 10° 40'15"L
L = 172.27'
T = 86.39
R = 925.0'
MDS = 35 MPH
e = 3.2%

JC-70 CURVE DATA
PI STA 200+45.95
N = 287904.74
E = 29845.28
Δ = 54° 28'48"R
L = 190.17'
T = 102.96
R = 200.0'
MDS = 25 MPH
e = EXISTING

JC-71 CURVE DATA
PI STA 202+04.17
N = 288057.35
E = 29761.76
Δ = 02° 24'38"R
L = 141.99'
T = 71.01
R = 3375.0'
MDS = 35 MPH
e = NC

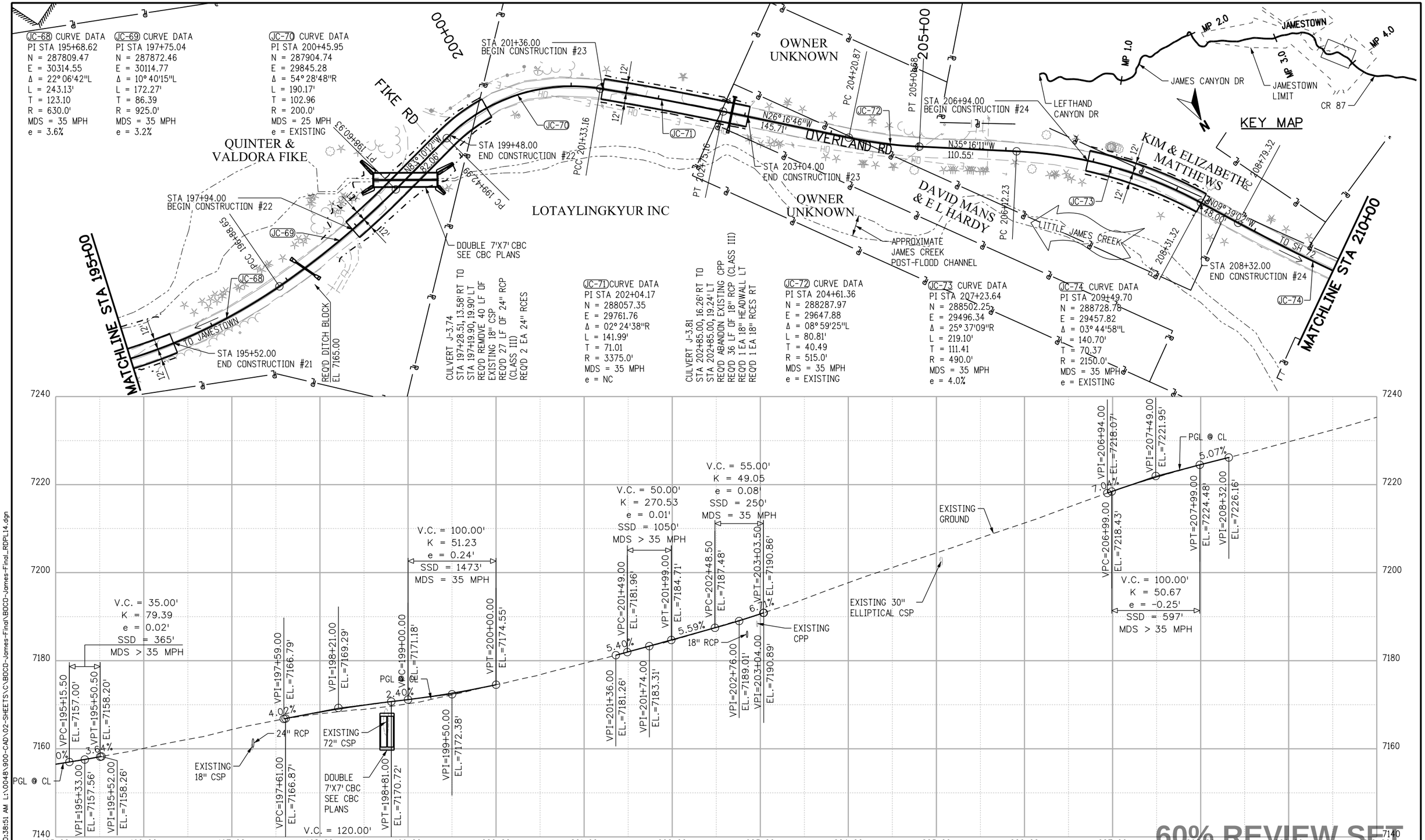
JC-72 CURVE DATA
PI STA 204+61.36
N = 288287.97
E = 29647.88
Δ = 08° 59'25"L
L = 80.81'
T = 40.49
R = 515.0'
MDS = 35 MPH
e = EXISTING

JC-73 CURVE DATA
PI STA 207+23.64
N = 288502.25
E = 29496.34
Δ = 25° 37'09"R
L = 219.10'
T = 111.41
R = 490.0'
MDS = 35 MPH
e = 4.0%

JC-74 CURVE DATA
PI STA 209+49.70
N = 288728.78
E = 29457.82
Δ = 03° 44'58"L
L = 140.70'
T = 70.37
R = 2150.0'
MDS = 35 MPH
e = EXISTING

CULVERT J-3.74
STA 197+28.51, 13.58' RT TO
STA 197+19.90, 19.90' LT
REQ'D REMOVE 40 LF OF
EXISTING 18" CSP
REQ'D 27 LF OF 24" RCP
(CLASS III)
REQ'D 2 EA 24" RCES

CULVERT J-3.81
STA 202+85.00, 16.26' RT TO
STA 202+85.00, 19.24' LT
REQ'D ABANDON EXISTING CPP
REQ'D 36 LF OF 18" RCP (CLASS III)
REQ'D 1 EA 18" HEADWALL LT
REQ'D 1 EA 18" RCES RT



60% REVIEW SET

0' 50' 100' 200'

60%

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REVISIONS:	NO.	DATE	REVISION DESCRIPTION:

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: 20

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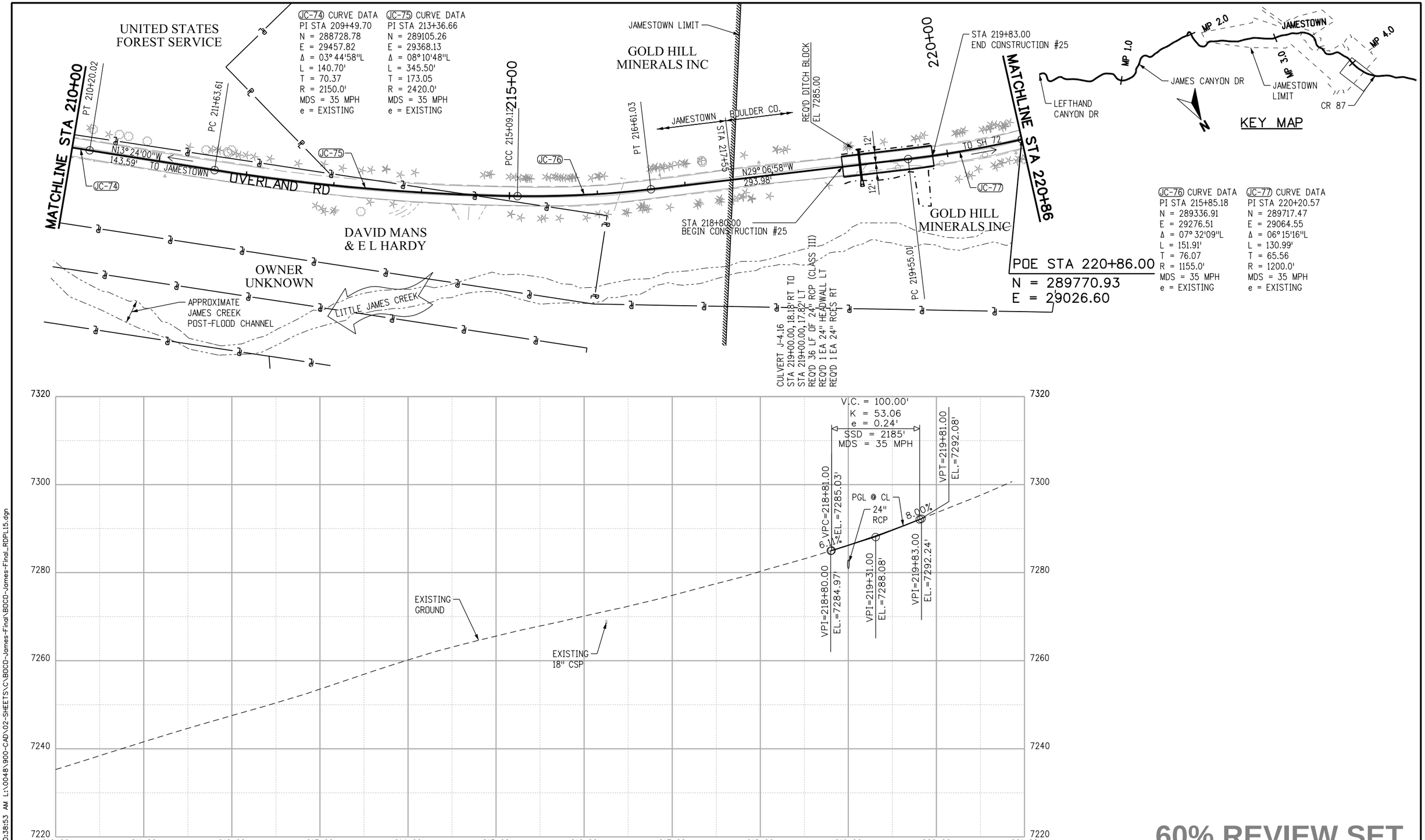

60% REVIEW SET

60%

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JAMES CANYON
PLAN AND PROFILE

PROJECT NO: SEPT12C24 SEPT12C91

SHEET NO: 21

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