GRAPHIC SCALES
50 25 0 50 100
PLANS

PROJECT REFERENCE NO.	SHEET NO.
H184157	01

CONCEPTUAL DESIGN 1
SUBJECT TO CHANGE WITHOUT NOTICE
FOR FEASIBILITY STUDY PURPOSES ONLY

-L- POT Sta. 10+00.00
-L-
15
20
25
30
35
45
55
60
65
70
75
80
85
90
-L- POT Sta. 92+24.59
-Y1RPB- ST Sta. 10+00.00
-Y1RPB- SC Sta. 13+20.00
-Y1RPB- CS Sta. 17+17.85
-Y1RPB- ST Sta. 20+37.85
-Y1RPB- PC Sta. 22+29.69
-Y1RPB- PT Sta. 24+23.91
-Y1RPB-
N 79° 19' 14.8" E
N 34° 48' 29.4" E
-Y1- POT Sta. 13+88.27
-Y1RPA- POT Sta. 26+64.26
-Y1RPB- POT Sta. 25+12.30
B
A
C
-Y1- PC Sta. 10+00.00
-Y1- PT Sta. 11+05.95
-Y1-
-Y1RPA- ST Sta. 26+16.04
-Y1RPA- CS Sta. 24+56.04
-Y1RPA-SC Sta. 20+89.63
-Y1RPA- TS Sta. 19+29.63
-Y1RPA- ST Sta. 17+11.51
-Y1RPA- CS Sta. 14+71.51
-Y1RPA- SC Sta. 12+40.00
-Y1RPA- ST Sta. 10+00.00
-Y1- PC Sta. 14+06.47
-Y1RPA-
-Y1RPC-
-Y1RPC- POT Sta. 10+00.00
-Y1RPC- TS Sta. 16+08.57
-Y1RPC- SC Sta. 19+28.57
-Y1RPC- CS Sta. 23+30.25
-Y1RPC- ST Sta. 26+50.25
-Y1RPC- TS Sta. 29+68.94
-Y1RPC- SC Sta. 32+08.94
-Y1RPC- CS Sta. 34+19.94
-Y1RPC- ST Sta. 36+59.94
-Y1LPC-
-Y1LPC- SC Sta. 12+80.00
-Y1LPC- ST Sta. 10+00.00
-Y1LPC- CS Sta. 19+39.76
-Y1LPC- ST Sta. 22+19.76
-Y1- PT Sta. 20+95.52
-Y1- PC Sta. 24+41.95
-Y1- POC Sta. 26+56.36
-Y1LPC- POT Sta. 27+01.73
-Y1- POC Sta. 26+74.05
-Y2- POT Sta. 10+00.00
-Y1- POC Sta. 26+87.48
-Y1RPC- POT Sta. 41+34.40
-Y1- PT Sta. 27+01.50
-Y2-
-Y2- POT Sta. 22+29.08

-Y1-
PI Sta 10+52.98
Δ = 2° 41' 52.6" (RT)
D = 2° 32' 47.3"
L = 105.95'
T = 52.98'
R = 2,250.00'

PI Sta 17+97.25
Δ = 67° 29' 11.7" (LT)
D = 9° 47' 38.9"
L = 689.05'
T = 390.79'
R = 585.00'

PI Sta 25+73.79
Δ = 24° 47' 05.3" (RT)
D = 9° 32' 57.5"
L = 259.55'
T = 131.84'
R = 600.00'

-Y1RPA-
PIs Sta 11+60.02
θs = 2° 32' 13.5"
Ls = 240.00'
LT = 160.02'
ST = 80.01'

PI Sta 13+55.83
Δ = 4° 53' 41.1" (RT)
D = 2° 06' 51.2"
L = 231.51'
T = 115.83'
R = 2,710.00'

PIs Sta 15+51.53
θs = 2° 32' 13.5"
Ls = 240.00'
LT = 160.02'
ST = 80.01'

PIs Sta 20+36.30
θs = 2° 35' 22.7"
Ls = 160.00'
LT = 106.68'
ST = 53.34'

PI Sta 22+73.49
Δ = 11° 51' 39.4" (RT)
D = 3° 14' 13.4"
L = 366.41'
T = 183.86'
R = 1,770.00'

PIs Sta 25+09.38
θs = 2° 35' 22.7"
Ls = 160.00'
LT = 106.68'
ST = 53.34'

-Y1RPB-
PIs Sta 12+13.46
θs = 6° 11' 38.9"
Ls = 320.00'
LT = 213.46'
ST = 106.79'

PI Sta 15+20.13
Δ = 15° 24' 07.9" (LT)
D = 3° 52' 16.8"
L = 397.85'
T = 200.13'
R = 1,480.00'

PIs Sta 18+24.64
θs = 6° 11' 38.9"
Ls = 320.00'
LT = 213.46'
ST = 106.79'

PI Sta 23+32.00
Δ = 44° 30' 45.4" (RT)
D = 22° 55' 05.9"
L = 194.22'
T = 102.31'
R = 250.00'

-Y1RPC-
PIs Sta 18+22.03
θs = 6° 11' 38.9"
Ls = 320.00'
LT = 213.46'
ST = 106.79'

PI Sta 21+30.65
Δ = 15° 33' 01.6" (RT)
D = 3° 52' 16.8"
L = 401.68'
T = 202.08'
R = 1,480.00'

PIs Sta 24+37.03
θs = 6° 11' 38.9"
Ls = 320.00'
LT = 213.46'
ST = 106.79'

PIs Sta 31+29.07
θs = 7° 07' 29.5"
Ls = 240.00'
LT = 160.13'
ST = 80.12'

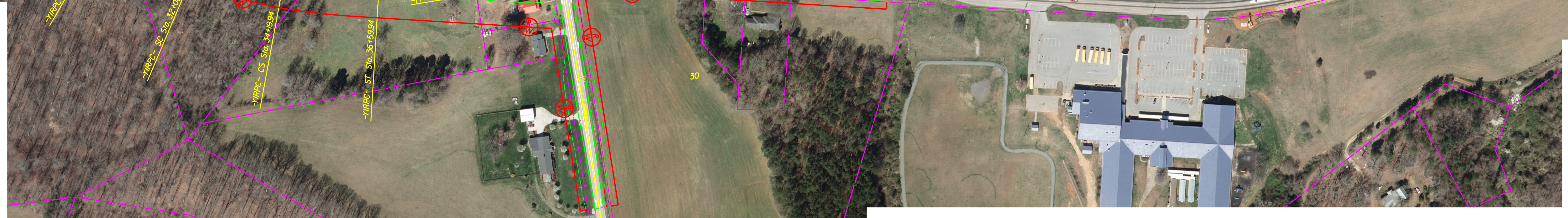
PI Sta 33+14.86
Δ = 12° 31' 40.4" (LT)
D = 5° 56' 14.6"
L = 211.00'
T = 105.92'
R = 965.00'

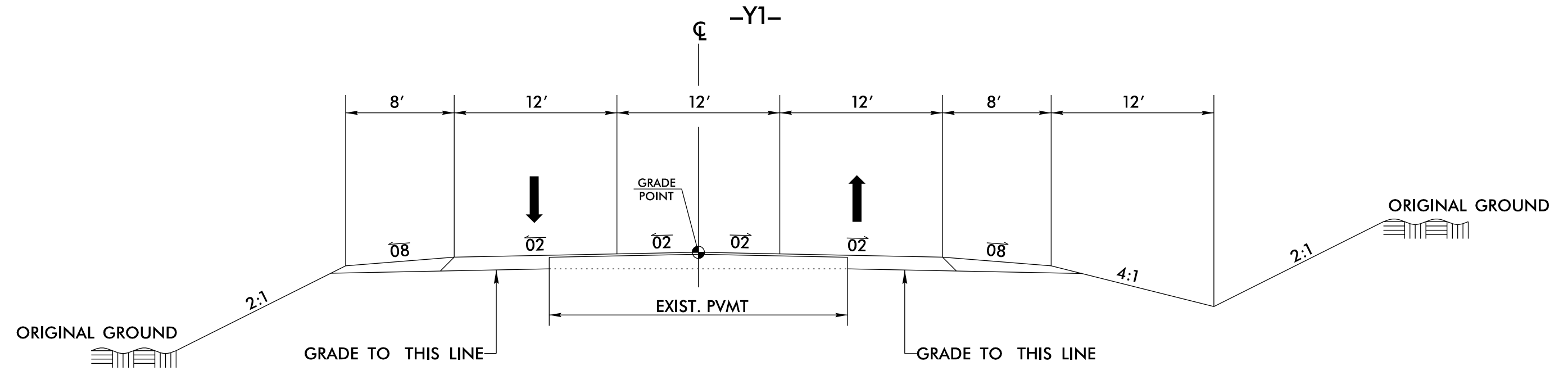
PIs Sta 35+00.06
θs = 7° 07' 29.5"
Ls = 240.00'
LT = 160.13'
ST = 80.12'

-Y1LPC-
PIs Sta 11+88.77
θs = 26° 17' 58.9"
Ls = 280.00'
LT = 188.77'
ST = 95.25'

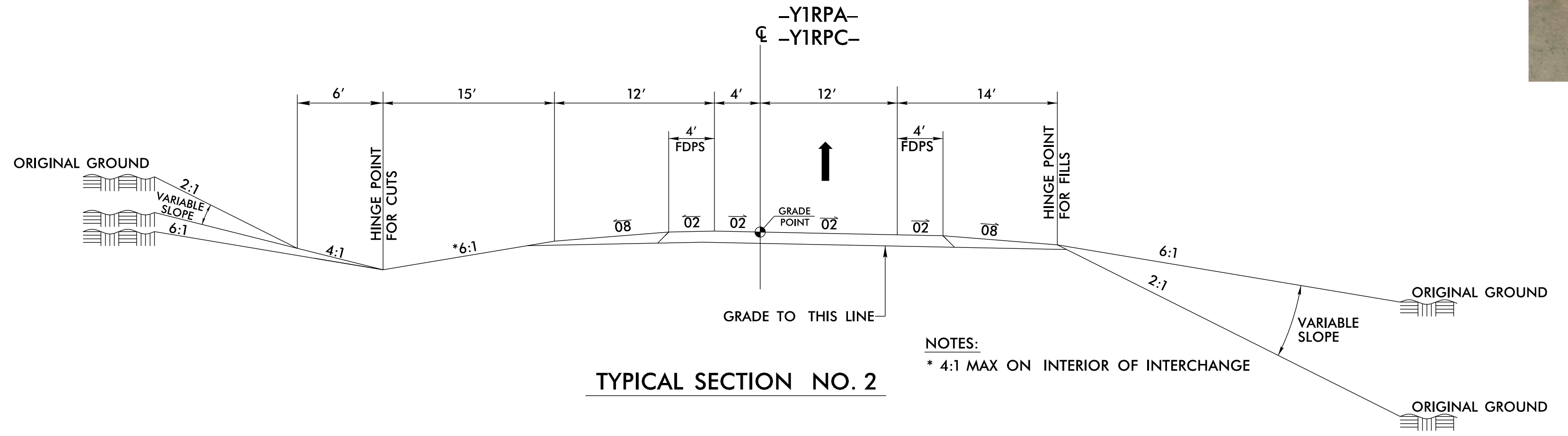
PI Sta 18+52.89
Δ = 123° 56' 22.2" (LT)
D = 18° 47' 07.8"
L = 659.76'
T = 572.89'
R = 305.00'

PIs Sta 20+35.01
θs = 26° 17' 58.9"
Ls = 280.00'
LT = 188.77'
ST = 95.25'


-Y1-
-Y1- POT Sta. 34+00.00
30

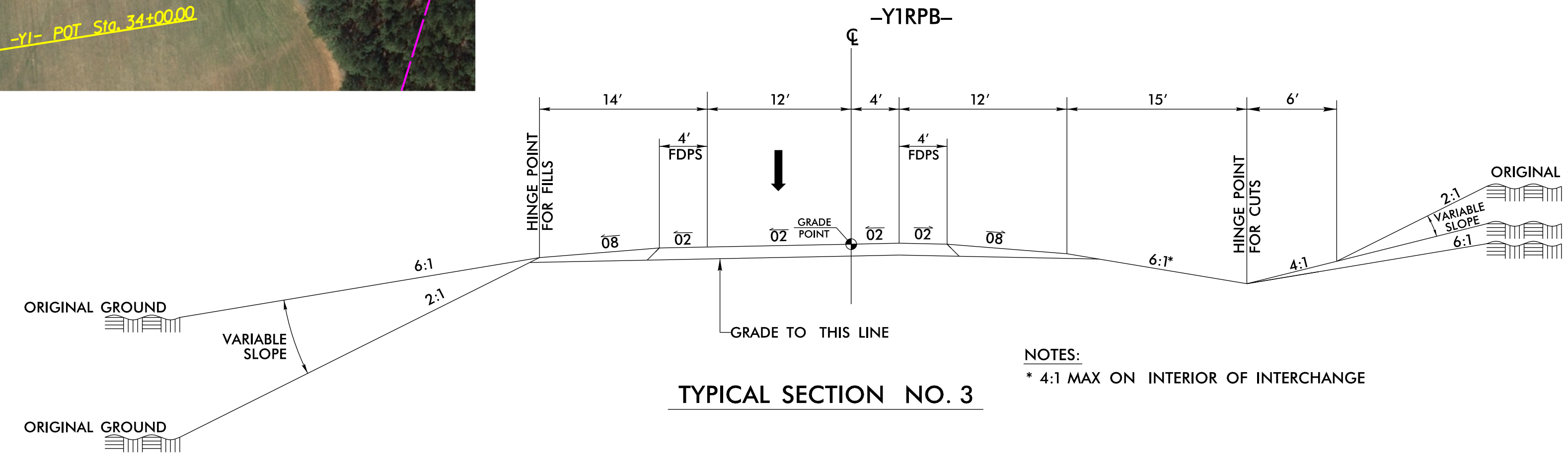

℄ -Y1-
8'
12'
12'
12'
8'
12'
GRADE POINT
.08
.02
.02
.02
.02
.08
2:1
4:1
2:1
ORIGINAL GROUND
ORIGINAL GROUND
EXIST. PVMT
GRADE TO THIS LINE
GRADE TO THIS LINE

TYPICAL SECTION NO. 1


℄ -Y1RPA-
-Y1RPC-
6'
15'
12'
4'
12'
14'
4' FDPS
4' FDPS
HINGE POINT FOR CUTS
HINGE POINT FOR FILLS
ORIGINAL GROUND
2:1
VARIABLE SLOPE
6:1
4:1
*6:1
.08
.02
.02
GRADE POINT
.02
.02
.08
6:1
2:1
VARIABLE SLOPE
ORIGINAL GROUND
ORIGINAL GROUND
GRADE TO THIS LINE

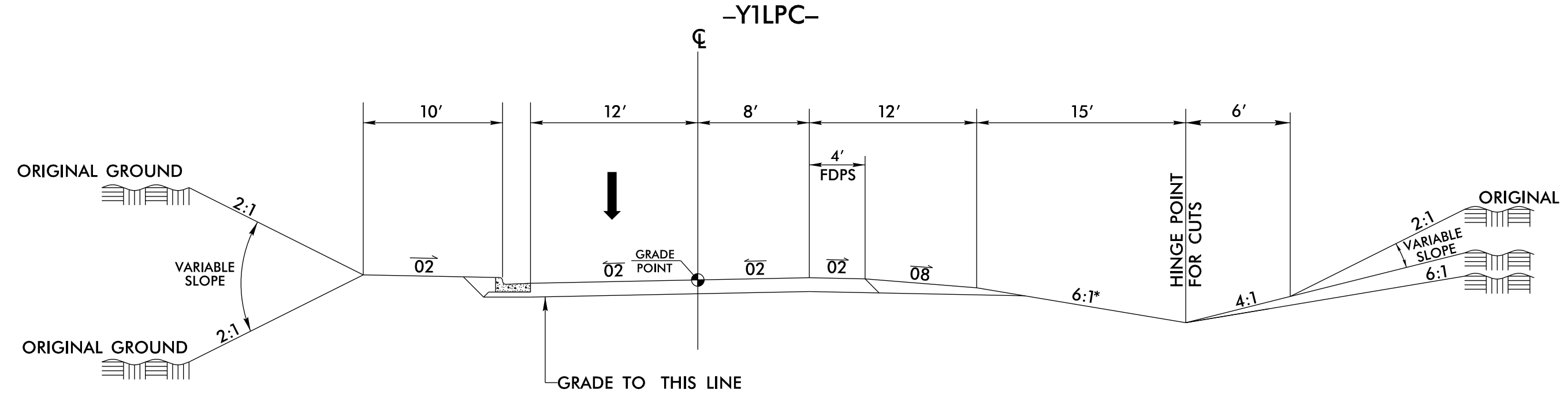
TYPICAL SECTION NO. 2

NOTES:
* 4:1 MAX ON INTERIOR OF INTERCHANGE


-Y1RPB-
℄
14'
12'
4'
12'
15'
6'
4' FDPS
4' FDPS
HINGE POINT FOR FILLS
HINGE POINT FOR CUTS
ORIGINAL GROUND
ORIGINAL GROUND
VARIABLE SLOPE
6:1
2:1
.08
.02
.02
GRADE POINT
.02
.02
.08
6:1*
4:1
2:1
VARIABLE SLOPE
6:1
ORIGINAL GROUND
GRADE TO THIS LINE

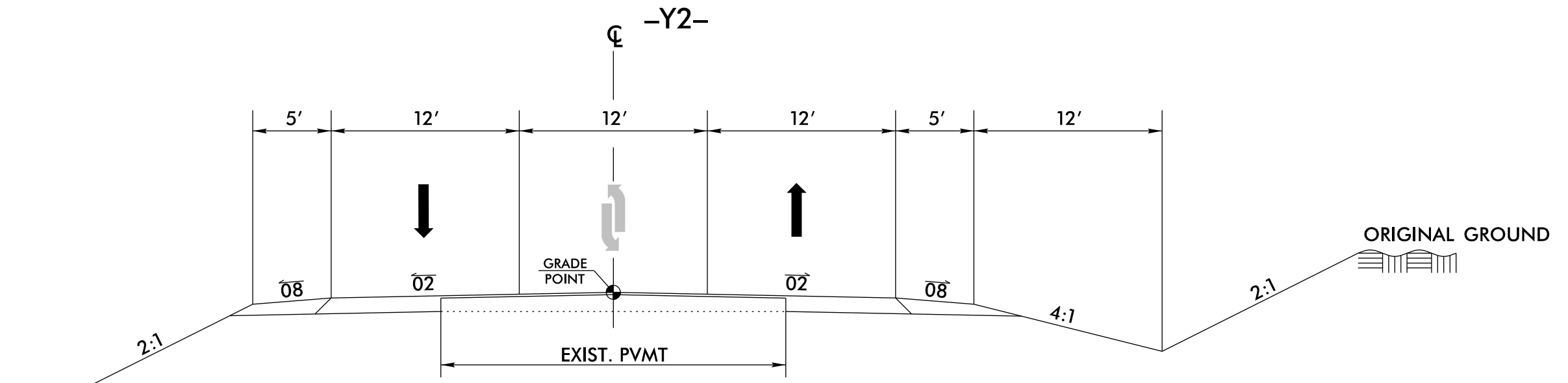
TYPICAL SECTION NO. 3

NOTES:
* 4:1 MAX ON INTERIOR OF INTERCHANGE


℄ -Y1LPC-
10'
12'
8'
12'
15'
6'
4' FDPS
ORIGINAL GROUND
2:1
VARIABLE SLOPE
2:1
ORIGINAL GROUND
.02
.02
GRADE POINT
.02
.02
.08
6:1*
HINGE POINT FOR CUTS
4:1
2:1
VARIABLE SLOPE
6:1
ORIGINAL GROUND
GRADE TO THIS LINE

TYPICAL SECTION NO. 4

NOTES:
* 4:1 MAX ON INTERIOR OF INTERCHANGE


℄ -Y2-
5'
12'
12'
12'
5'
12'
GRADE POINT
.08
.02
.02
.08
2:1
4:1
2:1
ORIGINAL GROUND
EXIST. PVMT

TYPICAL SECTION NO. 5

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