(1) STA 6119+00, 80' LT
PRC FLARED END SECTION 48"
INV = 562.08

(2) STA 6119+00, 69.5' LT
PRC FLARED END SECTION 12"
INV = 570.46

(3) STORM SEWER T2
12"x15' @ 0.50%

(4) STA 6119+00, 54' LT
INLET TA T3 F&G
RIM ELEV = 574.59
INV = 570.54
UNDERDRAIN NE

(5) STA 6119+35, ℄
INLET TA T1 F&OL
RIM ELEV = 575.99
INV = 571.71
UNDERDRAIN NE/NW

(6) STORM SEWER T2
12"x58' @ 0.50%

(7) STA 6119+62, 54' RT
INLET TB T3 F&G
RIM ELEV = 575.25
W INV = 571.41
E INV = 571.21
UNDERDRAIN NW

(8) STORM SEWER T2
12"x8' @ 0.50%

(9) STA 6119+62, 62.6' RT
PRC FLARED END SECTION 12"
INV = 571.16

(10) STORM SEWER T2
48"x403' @ 0.09%

(11) STA 6123+05, 62' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 572.82
E INV = 569.11
N INV = 562.44
S INV = 562.44

(12) STORM SEWER T2
12"x5' @ 0.50%

(13) STA 6123+05, 54' LT
INLET TA T3 F&G
RIM ELEV = 573.58
INV = 569.15
UNDERDRAIN SE

(14) STA 6123+05, 54' RT
INLET TA T3 F&G
RIM ELEV = 573.58
INV = 569.53
UNDERDRAIN SW

(15) STORM SEWER T2
12"x11' @ 0.50%

(16) STA 6123+05, 64.6' RT
PRC FLARED END SECTION 12"
INV = 569.48

(17) STORM SEWER T2
48"x140' @ 0.09%

(18) STA 6124+50, 88.8' LT
METAL END SECTION, 15"
INV = 563.41

(19) PIPE CULVERT, CL D, TY 2
15"x24' @ 0.50%

(20) STA 6124+50, 62' LT
MH TA 7' DIA T1 F&CL
AUTO CLOSING GATE - WEST*
RIM ELEV = 571.78
E INV = 568.11
N INV = 562.57
S INV = 562.57
W INV = 563.28

(21) STORM SEWER T2
12"x4' @ 0.50%

(22) STA 6124+50, 54' LT
INLET TB T3 F&G
RIM ELEV = 572.54
E INV = 568.35
W INV = 568.15
UNDERDRAIN SE

(23) STORM SEWER T2
12"x60' @ 0.50%

(24) STA 6124+17, 1.81' LT
INLET TA T8 G
RIM ELEV = 573.91
INV = 568.66
UNDERDRAIN SE/SW

(25) STA 6124+50, 54' RT
INLET TA T3 F&G
RIM ELEV = 572.54
INV = 568.49
UNDERDRAIN SW

(26) STORM SEWER T2
12"x13' @ 0.50%

(27) STA 6124+50, 67.1' RT
PRC FLARED END SECTION 12"
INV = 568.43

(28) STORM SEWER T2
48"x135' @ 0.09%

(29) STA 6125+90, 73.6' LT
METAL END SECTION, 15"
INV = 565.05

(30) PIPE CULVERT, CL D, TY 2
15"x9' @ 1.00%

(31) STA 6125+90, 62' LT
MH TA 7' DIA T1 F&CL
AUTO CLOSING GATE - WEST*
RIM ELEV = 570.78
E INV = 567.11
N INV = 563.19
S INV = 562.69
W INV = 564.93

(32) STORM SEWER T2
12"x4' @ 0.50%

(33) STA 6125+90, 54' LT
INLET TB T3 F&G
RIM ELEV = 571.54
INV = 567.15
UNDERDRAIN SE

(34) STA 6125+90, 54' RT
INLET TA T3 F&G
RIM ELEV = 571.54
INV = 567.49
UNDERDRAIN SW

(35) STORM SEWER T2
12"x16' @ 0.50%

(36) STA 6125+90, 69.4' RT
PRC FLARED END SECTION 12"
INV = 567.41

(37) STORM SEWER T2
42"x125' @ 0.14%

(38) STA 6127+20, 74.6' LT
INLET TA T8 G
RIM ELEV = 567.26
INV = 565.01

(39) STA 6127+20, 62' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 570.11
E INV = 564.39
W INV = 564.88
N INV = 563.37
S INV = 563.37

(40) STORM SEWER T2
12"x9' @ 1.00%

(41) STORM SEWER T2
12"x13' @ 1.40%

(42) STORM SEWER T2
12"x4' @ 1.40%

(43) STA 6127+20, 54' LT
MH TA 4' DIA T3 F&G
RIM ELEV = 570.86
E INV = 564.70
W INV = 564.50
S INV = 566.61
UNDERDRAIN NE

(44) STA 6127+05, 54' LT
INLET TA T3 F&G
RIM ELEV = 570.87
INV = 566.82
UNDERDRAIN SE

(45) STORM SEWER T2
12"x56' @ 1.40%

(46) STA 6127+20, 5.5' RT
INLET TB T3 F&G
RIM ELEV = 572.04
E INV = 565.73
W INV = 565.53
UNDERDRAIN NE/NW/SE/SW

(47) STA 6127+20, 54' RT
INLET TB T3 F&G
RIM ELEV = 570.86
W INV = 566.41
S INV = 566.61
UNDERDRAIN NW

(48) STORM SEWER T2
12"x46' @ 1.40%

(49) STORM SEWER T2
12"x13' @ 1.40%

(50) STA 6127+05, 54' RT
INLET TA T3 F&G
RIM ELEV = 570.87
INV = 566.82
UNDERDRAIN SW

(51) STORM SEWER T2
42"x80' @ 0.14%

(52) STA 6128+05, 62' LT
MH TA 5' DIA T1 F&CL
RIM ELEV = 570.32
E INV = 565.31
W INV = 565.56
N INV = 563.69
S INV = 563.49

(53) STA 6128+05, 72.6' LT
INLET TA T8 G
RIM ELEV = 567.92
INV = 565.67

(54) STORM SEWER T2
12"x7' @ 1.00%

(55) STORM SEWER T2
12"x4' @ 1.30%

(56) STA 6128+05, 54' LT
INLET TB T3 F&G
RIM ELEV = 571.07
E INV = 565.61
W INV = 565.41
UNDERDRAIN NE

(57) STORM SEWER T2
12"x105' @ 1.30%

(58) STA 6128+05, 54' RT
INLET TA T3 F&G
RIM ELEV = 571.07
INV = 567.02
UNDERDRAIN NW

(59) STORM SEWER T1
42"x100' @ 0.14%

(60) STA 6129+10, 72.6' LT
INLET TA T8 G
RIM ELEV = 568.23
INV = 565.98

(61) STORM SEWER T2
12"x7' @ 1.00%

(62) STA 6129+10, 62' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 570.63
N INV = 564.04
S INV = 563.84
E INV = 565.97
W INV = 565.87

(63) STORM SEWER T2
12"x4' @ 1.00%

(64) STA 6129+10, 54' LT
INLET TB T3 F&G
RIM ELEV = 571.38
E INV = 566.25
W INV = 566.05
UNDERDRAIN NE

(65) STORM SEWER T2
12"x105' @ 1.00%

(66) STA 6129+10, 54' RT
INLET TA T3 F&G
RIM ELEV = 571.38
INV = 567.33
UNDERDRAIN NW

(67) STORM SEWER T1
42"x110' @ 0.14%

(68) STA 6130+25, 72.6' LT
INLET TA T8 G
RIM ELEV = 568.58
INV = 566.33

(69) STORM SEWER T2
12"x7' @ 1.00%

(70) STA 6130+25, 62' LT
MH TA 7' DIA T1 F&CL
RIM ELEV = 570.98
N INV = 564.40
S INV = 564.20
E INV = 566.00
W INV = 566.22

(71) STORM SEWER T2
12"x4' @ 1.19%

(72) STA 6130+25, 54' LT
INLET TB T3 F&G
RIM ELEV = 571.73
E INV = 566.29
W INV = 566.09
UNDERDRAIN NE

(73) STORM SEWER T2
12"x53' @ 1.10%

(74) STA 6130+25, 1.81' RT
INLET TB T1 F&OL
RIM ELEV = 572.75
E INV = 567.10
W INV = 566.90
UNDERDRAIN NE/NW

(75) STORM SEWER T2
12"x50' @ 1.10%

(76) STA 6130+25, 54' RT
INLET TA T3 F&G
RIM ELEV = 571.73
INV = 567.68
UNDERDRAIN NW

(77) STORM SEWER T1
42"x126' @ 0.14%

(78) STA 6131+55, 72.1' LT
INLET TA T8 G
RIM ELEV = 569.08
INV = 566.16

(79) STORM SEWER T2
12"x7' @ 1.00%

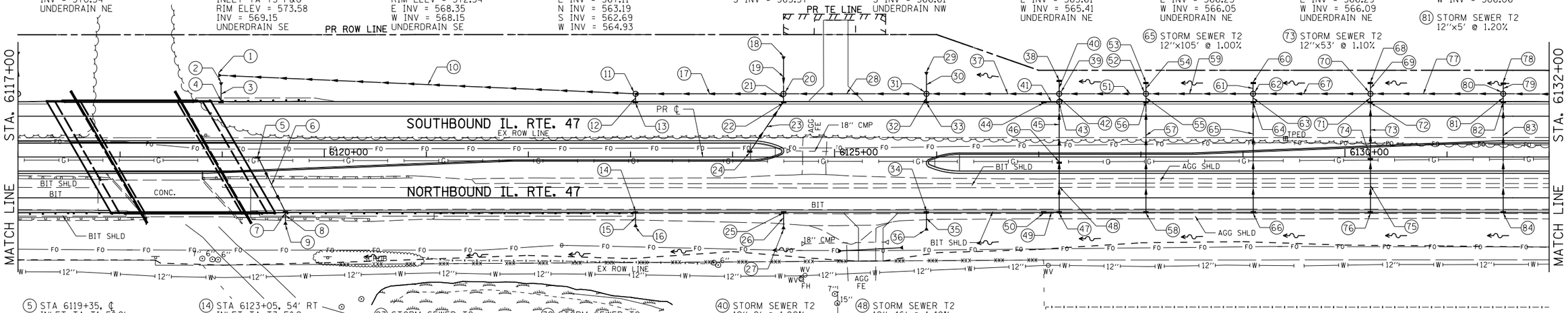
(80) STA 6131+55, 62' LT
MH TA 6' DIA T1 F&CL
RIM ELEV = 571.37
N INV = 565.08
S INV = 564.58
E INV = 566.48
W INV = 566.06

(81) STORM SEWER T2
12"x5' @ 1.20%

(82) STA 6131+55, 54' LT
INLET TB T3 F&G
RIM ELEV = 572.12
E INV = 566.77
W INV = 566.57
UNDERDRAIN NE

(83) STORM SEWER T2
12"x105' @ 1.20%

(84) STA 6131+55, 54' RT
INLET TA T3 F&G
RIM ELEV = 572.12
INV = 568.07
UNDERDRAIN NW

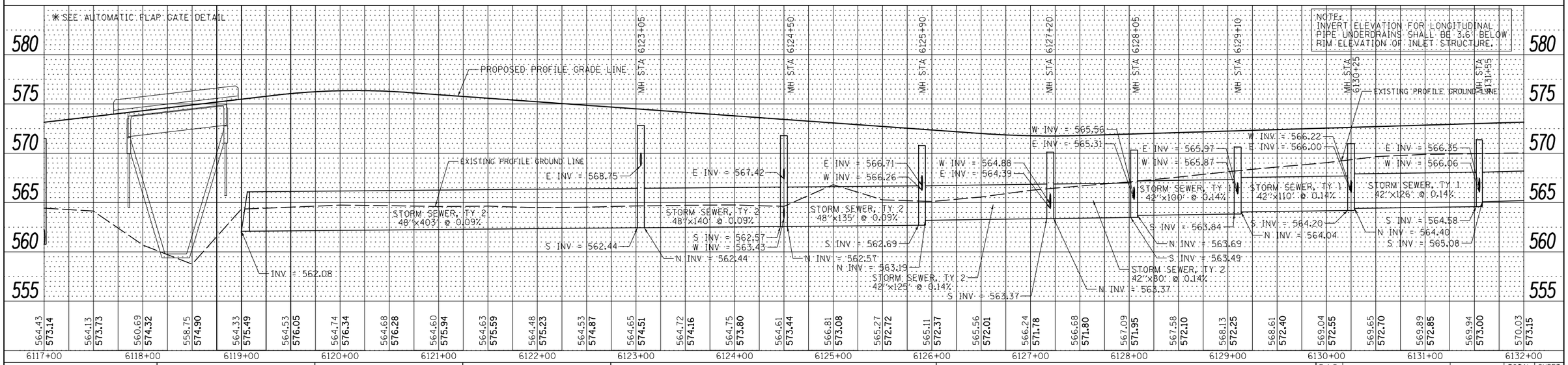


PLAN	BY	DATE
SURVEYED		
PLOTTED		
ALIGNMENT CHECKED		
RT. OF WAY CHECKED		
CADD FILE NAME		
NOTE BOOK NO.		

PROFILE	BY	DATE
SURVEYED		
PLOTTED		
GRADES CHECKED		
B.M. NOTED		
STRUCTURE NOTAT'NS CHKD		
NOTE BOOK NO.		

* SEE AUTOMATIC FLAP GATE DETAIL

NOTE:
INVERT ELEVATION FOR LONGITUDINAL PIPE UNDERDRAINS SHALL BE 3.6' BELOW RIM ELEVATION OF INLET STRUCTURE.



FILE NAME = V:\3195\66B83 (South Section)\CADD Sheets\D366B83-sht-drain-12.dgn	USER NAME = bdecraene	DESIGNED - LRS	REVISED -
		DRAWN - SRH/RMD	REVISED -
	PLOT SCALE = 100.0000 ' / in.	CHECKED - DJD	REVISED -
SHT_PLNPROF	PLOT DATE = 8/6/2013	DATE - 7/15/2013	REVISED -

STATE OF ILLINOIS
DEPARTMENT OF TRANSPORTATION

IL. RTE. 47
STORM SEWER AND UTILITIES PLAN & PROFILE

SCALE: H=50 V=5 | SHEET 12 OF 35 SHEETS | STA. 6117+00 TO STA. 6132+00

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
326	(110)R, BR & BR-1	GRUNDY	644	210
		CONTRACT NO. 66B83		
		ILLINOIS FED. AID PROJECT		