



Call Before You Dig
JULIE
 1-800-892-0123
 TOLL FREE

SCALES:
 PLAN: 1" = 40'
 0 40 80
 Scale in Feet

- LEGEND**
- TOP OF PAVEMENT ELEVATION
 - EXISTING SPOT ELEVATION
 - PROPOSED CONTOUR
 - EXISTING CONTOUR MAJOR
 - EXISTING CONTOUR MINOR
 - DIRECTION OF SHEET FLOW
 - PROPOSED STORM SEWER
 - EXISTING STORM SEWER
 - PROPOSED INLET 700
 - PROPOSED INLET SPECIAL
 - PROPOSED MANHOLE
 - STRUCTURE IDENTIFICATION NUMBER
 - TOP OF CURB
 - INVERT ELEVATION
 - EDGE OF PAVEMENT
 - VERIFY IN FIELD

- F.E.S. A1**
 205+65.6, 40.3' RT
 IE = 717.04
- * END OF PIPE B1**
 15" PIPE WALL OPENING
 208+47.8, 9.3' LT
 IE = 706.66
- * END OF PIPE E1**
 18" PIPE WALL OPENING
 212+72.0, 5.8' LT
 IE = 702.15
- MH A2**
 MANHOLE TYPE A, 4' DIA.
 205+48.8, 17.1' RT.
 TYPE 1 F&G
 RIM = 726.41
 IE = 719.76 (N) IN
 IE = 717.76 (E) OUT
- B2**
 INLET BOX, SPECIAL, No.1
 CENTER AT BACK OF WALL
 208+47.8, 10.66' LT.
 TC = 719.45
 IE = 711.18 (W) IN
 IE = 706.76 (E) OUT
- MH E2**
 MANHOLE TYPE A, 4' DIA.
 TYPE 1 F&G CLOSED LID
 304+66.3, 10.7' LT
 RIM = 720.25
 IE = 715.67 (N) IN
 IE = 711.79 (SW) IN
 IE = 711.89 (E) OUT
- INLET SPECIAL No.1 A3**
 INLET TYPE 700
 205+49.6, 7.0' RT
 EP = 725.20 TC=725.61
 IE = 720.08 (N) IN
 IE = 719.96 OUT
- EX INLET B3**
 RECONSTRUCT MANHOLE
 208+50.2, 31.3' LT
 TC = 729.89 EOP 729.48
 EX IE (N)=723.48 EX
 EX IE (W)=723.58 EX
 IE OUT (15",E)=711.63
 (NEW CONNECTION)
 SUMP = 709.33
 EX IE (24",S) = 709.88
 (PLUG)
 EX IE OUT (36",E)=709.33
 (PLUG)
- EX MH E3**
 EXISTING V.I.F.
 MANHOLE TYPE A, 4' DIA.
 TYPE 1 F&G CLOSED LID
 304+70.0, 19.5' RT
 RIM = 721.47 (EX)
 IE = 715.42 (EX 15"SW) IN
 IE = 712.13 (EX 15" W) IN
 IE = 712.07 (E) OUT
 (NEW CONNECTION)
 IE (EX 15") = 712.03
 (PLUG)
- INLET SPECIAL No.1 A4**
 INLET TYPE 700
 205+51.1, 7.0' LT
 EP = 725.00 TC=725.41
 IE = 720.40 (N) IN
 IE = 720.30 OUT
- INLET A5**
 INLET SPECIAL No.2
 205+59.2, 26.5' LT
 EP = 727.40 TC 727.81
 IE = 722.76 (N) IN
 IE = 720.76 OUT
- INLET SPECIAL No.1 A6**
 INLET TYPE 700
 206+18.5, 45.7' LT
 EP = 727.64 TC=728.05
 IE = 723.32 (N) IN
 IE = 723.22 OUT
- INLET SPECIAL No.1 A7**
 INLET TYPE 700
 207+58.4, 25.8' LT
 EP = 728.32 TC=728.73
 IE = 724.50 OUT
- INLET H1**
 TRENCH DRAIN
 MODEL:ACO K100S (OR EQUAL)
 PART No. 06765 TO 06770
 WITH K5020 IN-LINE CATCH BASIN
 AND No. 98883 GRATE
 RIM = 718.11
 IE N. = 717.43
 IE S. = 717.33
 IE PERFORATED DRAIN = 716.00
 IE 6" OUT = 714.20
 305+22.9, 19.0' RT
- INLET H2**
 TRENCH DRAIN
 MODEL:ACO SYSTEM 2000 (OR EQUAL)
 PART No. 00786 SLOTTED TOP
 WITH 05620 IN-LINE CATCH BASIN
 CENTERLINE RADIUS = 60.25'
 RIM = 717.76
 IE = 717.00
 305+13.2, 5.2' LT
 305+58.4, 5.2' LT
- * ANTI-SEEP COLLAR REQUIRED**
- * END OF PIPE G1**
 6" PIPE WALL OPENING
 211+79.9, 7.5' LT
 IE = 706.00
- * END OF PIPE C1**
 15" PIPE WALL OPENING
 209+66.8, 10.2' LT
 IE = 706.98
- C2**
 INLET BOX, SPECIAL, No.1
 CENTER AT BACK OF WALL
 209+66.8, 11.8' RT.
 TC = 719.45
 IE = 714.80 (W) IN
 IE = 707.02 (E) OUT
- INLET SPECIAL No.2**
 209+65.5, 28.5' LT
 EP = 729.12 TC 729.52
 I.E. = 715.00 OUT
- INLET F1**
 INLET SPECIAL No. 2
 304+02.3, 7.0' LT
 EP = 721.98 TC 722.38
 IE = 716.30 (E) IN
 IE = 716.18 OUT
- INLET F2**
 INLET TYPE A, WITH
 TYPE B GRATE
 303+98.8, 24.6' LT
 RIM = 718.23
 IE = 716.53 IN
 IE = 716.43 OUT
- INLET F3**
 TRENCH DRAIN
 MODEL:ACO K100S (OR EQUAL)
 PART No. 99388 WITH K900
 IN-LINE CATCH BASIN AND
 No. 98866 GRATE
 RIM = 719.15
 IE = 716.50
 303+84.7, 29.1' LT
 303+91.0, 28.2' LT

SHEET REVIEW		REVISIONS		SCALE: Hor. 1"=20'	 7282 Argus Drive Rockford, Illinois 61107-5837 (815) 398-2332 FAX (815) 398-2496 Design Firm License: Illinois 184-000816	OVERALL DRAINAGE PLAN		SHEET NO. 27 OF 148
AGENCY	DATE	NO.	ITEM	DATE		711 NORTH MAIN STREET	ROCKFORD, IL	
						FED. ROAD DIST. NO.	CONTRACT NO.	
						06-00543-00-BT	85521	

H:\08-008 RIVERWALK MUSEUM\DESIGN\DRAWINGS\08-008 GRADING PLAN.DWG, OVERALL GRADING PLAN, 11/23/2010 10:40:22 AM, 11, JWH