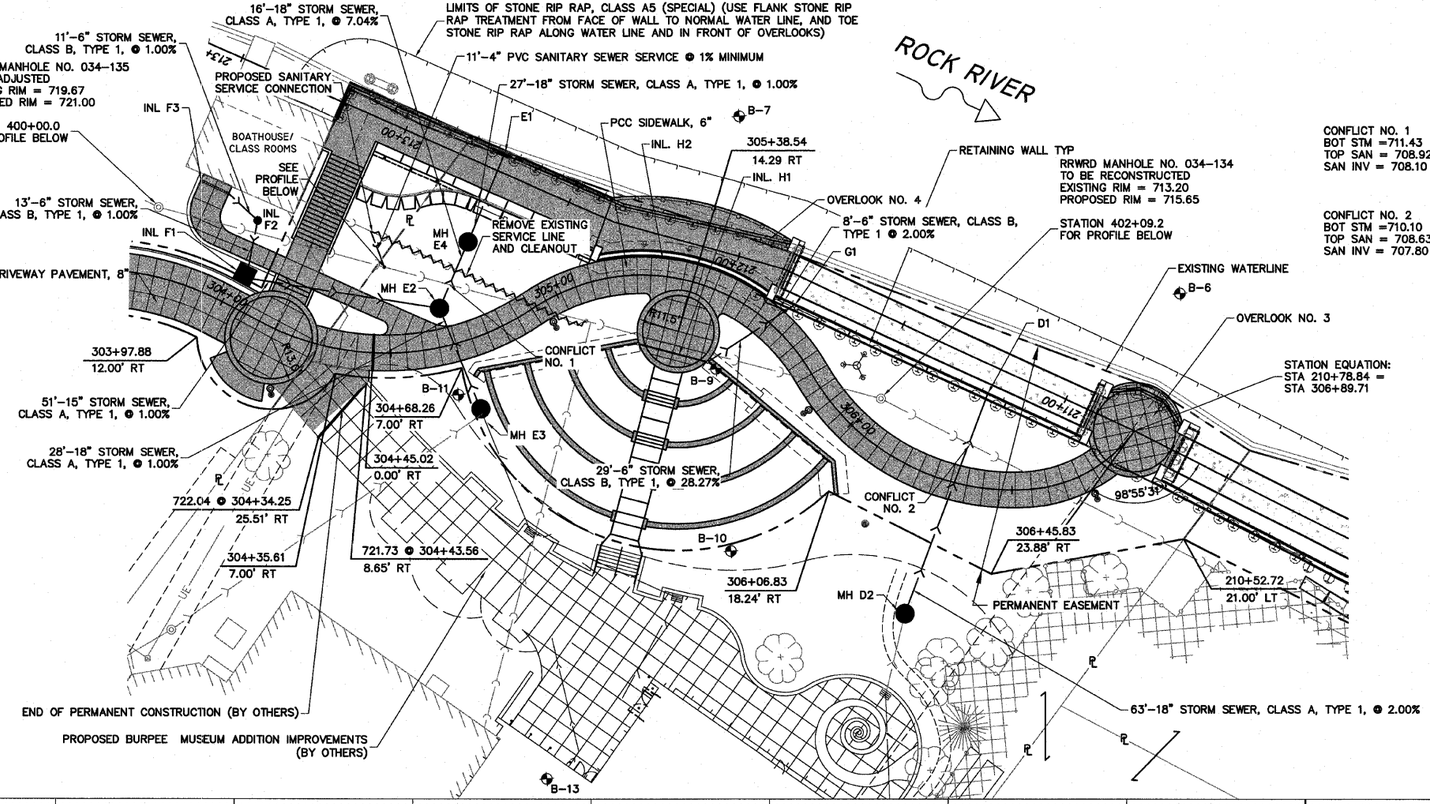
| F.A. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. |
|---|---|---|---|---|
| | 06-00543-00-BT | WINNEBAGO | 148 | 22 |
| FED. ROAD DIST. NO. | | ILLINOIS | CONTRACT NO. | 85521 |

CENTERLINE CURVE DATA
Δ = 61°10'11"
D = 76°23'40"
RADIUS = 75.00'
ARC LENGTH = 80.07'
TANGENT = 44.33'
EXTERNAL = 12.12'
PC = 304+12.23
PRC = 304+92.40

CENTERLINE CURVE DATA
Δ = 93°35'24"
D = 104°10'27"
RADIUS = 55.00'
ARC LENGTH = 89.84'
TANGENT = 58.56'
EXTERNAL = 25.34'
PRC = 304+92.30
PCC = 305+82.14

CENTERLINE CURVE DATA
Δ = 63°49'59"
D = 88°08'50"
RADIUS = 65.00'
ARC LENGTH = 72.42'
TANGENT = 40.48'
EXTERNAL = 11.58'
PRC = 305+82.14
PCC = 306+54.56




* END OF PIPE D1
18" PIPE WALL OPENING
211+20.6, 7.5' LT
IE = 709.79

MH D2
RESTRICTED DEPTH MANHOLE, 4' DIA. WITH TYPE 1 F&C.L.
306+30.9, 32.9' RT
RIM = 719.53
IE = 713.64 (W) IN
IE = 711.05 (E) OUT

* END OF PIPE E1
18" PIPE WALL OPENING
212+72.0, 5.8' LT
IE = 702.15

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 = 711.69 (E) OUT

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)

INL 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

INL F2
INLET TYPE A, WITH TYPE 8 GRATE
303+98.8, 24.6' LT
RIM = 718.23
IE = 716.53 IN
IE = 716.43 OUT

INL 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

* END OF PIPE G1
6" PIPE WALL OPENING
305+65.4, 8.6' LT
IE = 706.00

* ANTI-SEEP COLLAR REQUIRED

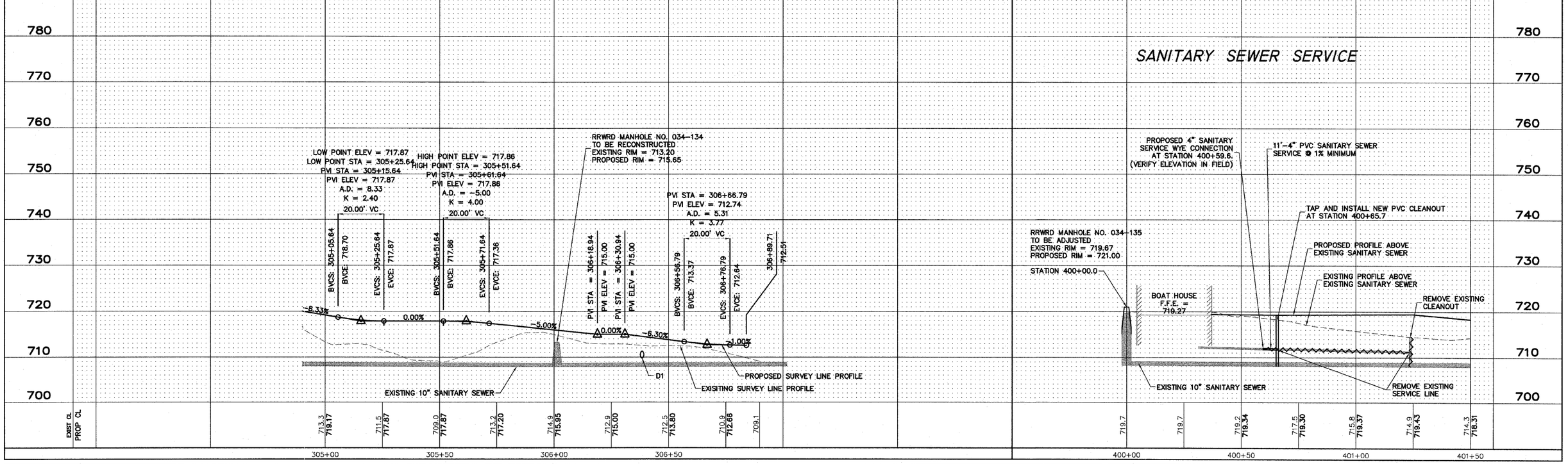
MH E4
MANHOLE TYPE A, 4' DIA.
212+71.4, 21.6' LT.
TYPE 1 F&G
RIM = 718.10
IE = 711.53 (W) IN
IE = 704.05 (E) OUT

SCALES:
PLAN: 1"= 20'
PROFILE: 1" = 20' HORIZONTAL
1" = 10' VERTICAL

0 20 40
Scale in Feet

INL H1
TRENCH DRAIN
MODEL:ACO KS100S (OR EQUAL)
PART No. 06765 TO 06770 WITH KS020 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

INL 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




| SHEET REVIEW | |
|---|---|
| AGENCY | DATE |
| | |

| REVISIONS | | |
|---|---|---|
| NO. | ITEM | DATE |
| | | |

SCALE: Hor. 1"=20' Ver. 1"=5'
DRAWN BY: MS
CHECKED BY: JWH
DATE: AUGUST 13, 2010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Design Firm License: Illinois 184-000816

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# PLAN & PROFILE - 305+00 TO END

RIVERWALK MUSEUM CAMPUS

711 NORTH MAIN STREET ROCKFORD, IL

FILE:H:\08-008 RIVERWALK MUSEUM\DESIGN\DRAWINGS\08-008 PP 305+00 TO END.DWG JOB:04-28-10-008

SHEET NO. 22 OF 148

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