# PHASE II CONECTIV INDEX OF SHEETS


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## CONTROL COORDINATES

| DESCRIPTION | STATION | NORTH | EAST |
|---|---|---|---|
| CONECTIV LINE 2 | | | |
| POT | 200+00.00 | 220,821.2928 | 757,428.7403 |
| PC | 204+20.85 | 221,242.0390 | 757,419.4594 |
| PI | 204+88.38 | 221,309.5528 | 757,417.9701 |
| CC | | 221,240.6607 | 757,356.9746 |
| PT | 205+23.86 | 221,302.8523 | 757,350.7731 |
| PC | 209+00.05 | 221,265.5251 | 756,976.4356 |
| PI | 209+76.81 | 221,257.9090 | 756,900.0573 |
| CC | | 221,180.9445 | 756,984.8695 |
| PT | 210+24.91 | 221,181.1522 | 756,899.8698 |
| POT | 210+31.38 | 221,174.6880 | 756,899.8540 |
| DESCRIPTION | STATION | NORTH | EAST |
| CONECTIV LINE 3 | | | |
| POT | 301+35.00 | 221,965.4801 | 757,143.0483 |
| PC | 303+35.05 | 221,945.9011 | 756,943.9618 |
| PI | 303+71.67 | 221,942.3169 | 756,907.5161 |
| CC | | 222,045.4210 | 756,934.1747 |
| PT | 304+05.26 | 221,963.1177 | 756,877.3754 |
| PC | 304+99.32 | 222,016.5430 | 756,799.9610 |
| PI | 305+45.67 | 222,042.8715 | 756,761.8104 |
| CC | | 222,098.8464 | 756,856.7602 |
| PT | 305+86.13 | 222,088.9999 | 756,757.2462 |
| PC | 312+40.33 | 222,740.0245 | 756,692.8300 |
| PI | 312+64.76 | 222,764.3388 | 756,690.4242 |
| CC | | 222,738.0552 | 756,672.9272 |
| PT | 312+75.72 | 222,757.1766 | 756,667.0644 |

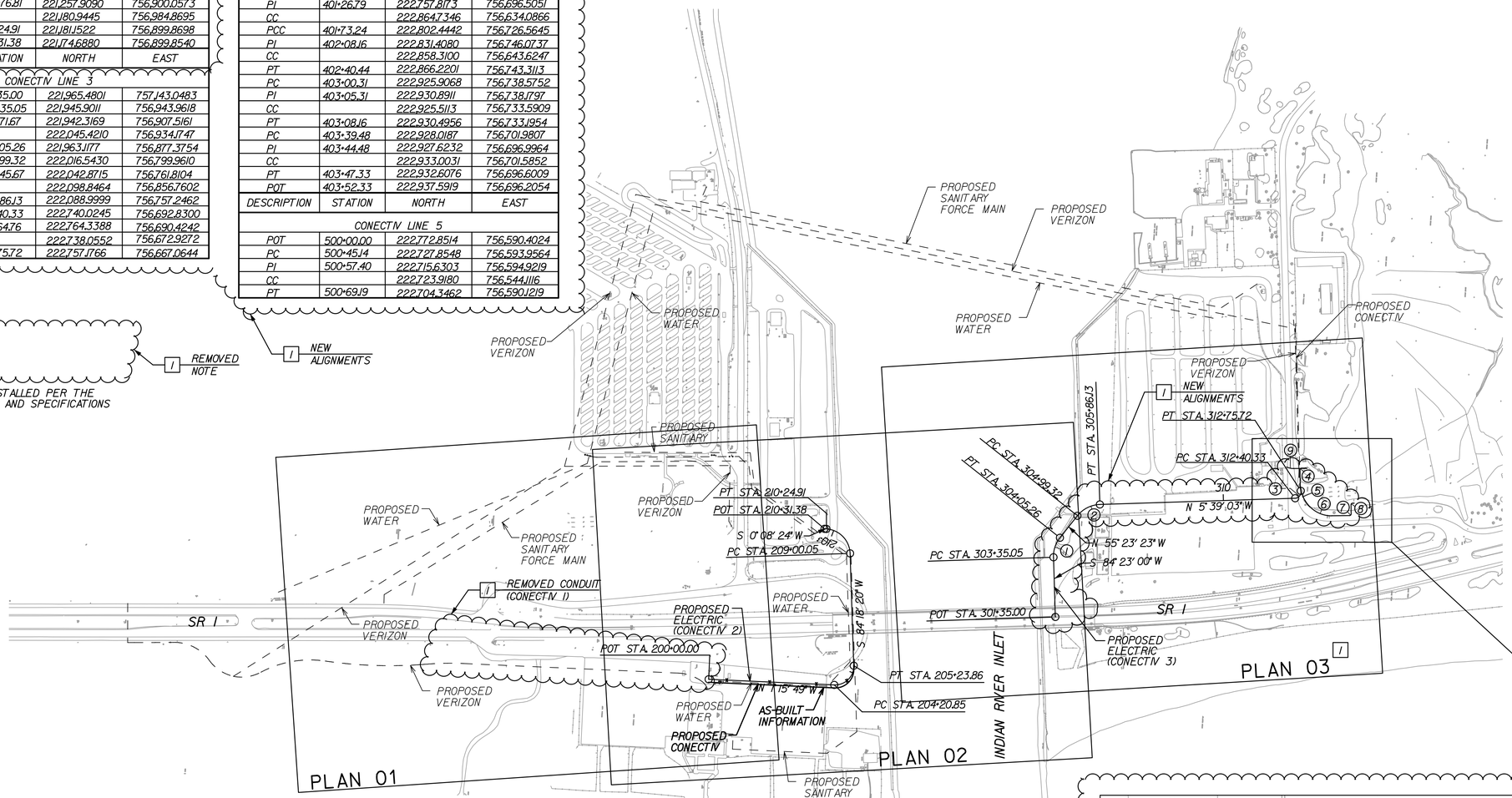
| DESCRIPTION | STATION | NORTH | EAST |
|---|---|---|---|
| CONECTIV LINE 4 | | | |
| POT | 400+00.00 | 222,772.7727 | 756,589.4055 |
| PC | 400+18.34 | 222,754.4880 | 756,590.8497 |
| PI | 400+23.34 | 222,749.5035 | 756,591.2434 |
| CC | | 222,754.8816 | 756,595.8342 |
| PT | 400+26.20 | 222,749.8972 | 756,596.2279 |
| PC | 400+72.98 | 222,753.5807 | 756,642.8658 |
| PI | 401+26.79 | 222,757.8173 | 756,696.5051 |
| CC | | 222,864.7346 | 756,634.0866 |
| PCC | 401+73.24 | 222,802.4442 | 756,726.5645 |
| PI | 402+08.16 | 222,831.4080 | 756,746.0737 |
| CC | | 222,858.3100 | 756,643.6247 |
| PT | 402+40.44 | 222,866.2201 | 756,743.3113 |
| PC | 403+00.31 | 222,925.9068 | 756,738.5752 |
| PI | 403+05.31 | 222,930.8911 | 756,738.1797 |
| CC | | 222,925.5113 | 756,733.5909 |
| PT | 403+08.16 | 222,930.4956 | 756,733.1954 |
| PC | 403+39.48 | 222,928.0187 | 756,701.9807 |
| PI | 403+44.48 | 222,927.6232 | 756,696.9964 |
| CC | | 222,933.0031 | 756,701.5852 |
| PT | 403+47.33 | 222,932.6076 | 756,696.6009 |
| POT | 403+52.33 | 222,937.5919 | 756,696.2054 |
| DESCRIPTION | STATION | NORTH | EAST |
| CONECTIV LINE 5 | | | |
| POT | 500+00.00 | 222,772.8514 | 756,590.4024 |
| PC | 500+45.14 | 222,727.8548 | 756,593.9564 |
| PI | 500+57.40 | 222,715.6303 | 756,594.9219 |
| CC | | 222,723.9180 | 756,544.1116 |
| PT | 500+69.19 | 222,704.3462 | 756,590.1219 |

NOTES:

1 REMOVED NOTE

2. CONDUITS TO BE INSTALLED PER THE OWNERS STANDARDS AND SPECIFICATIONS

1 NEW ALIGNMENTS

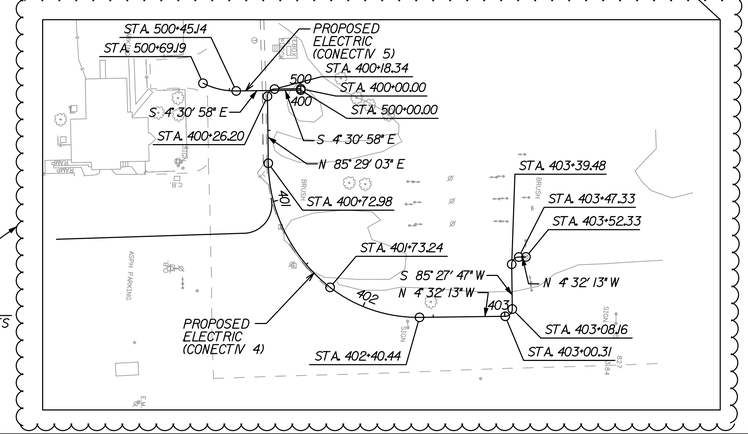



| 1 CONECTIV 3 | 2 CONECTIV 3 | 3 CONECTIV 3 | 4 CONECTIV 4 | 5 CONECTIV 4 |
|---|---|---|---|---|
| Δ = 40° 13' 37.21" RT<br>Dc = 57° 17' 44.81"<br>R = 100.00'<br>T = 36.62'<br>L = 70.21'<br>E = 6.49' | Δ = 49° 44' 19.82" RT<br>Dc = 57° 17' 44.81"<br>R = 100.00'<br>T = 46.35'<br>L = 86.81'<br>E = 10.22' | Δ =101° 23' 42.10" LT<br>Dc =286° 28' 44.03"<br>R =20.00'<br>T =24.43'<br>L =35.39'<br>E =11.57' | Δ = 90° 00' 00.00" LT<br>Dc = 1145° 54' 56.12"<br>R = 5.00'<br>T = 5.00'<br>L = 7.85'<br>E = 2.07' | Δ = 51° 31' 15.53" LT<br>Dc = 51° 23' 10.86"<br>R = 111.50'<br>T = 53.81'<br>L = 100.26'<br>E = 12.30' |

| 6 CONECTIV 4 | 7 CONECTIV 4 | 8 CONECTIV 4 | 9 CONECTIV 5 |
|---|---|---|---|
| Δ = 38° 29' 59.83" LT<br>Dc = 57° 17' 44.81"<br>R = 100.00'<br>T = 34.92'<br>L = 67.20'<br>E = 5.92' | Δ = 90° 00' 00.00" LT<br>Dc = 1145° 54' 56.12"<br>R = 5.00'<br>T = 5.00'<br>L = 7.85'<br>E = 2.07' | Δ = 90° 00' 00.00" RT<br>Dc = 1145° 54' 56.12"<br>R = 5.00'<br>T = 5.00'<br>L = 7.85'<br>E = 2.07' | Δ = 27° 33' 35.21" RT<br>Dc = 114° 35' 29.61"<br>R = 50.00'<br>T = 12.26'<br>L = 24.05'<br>E = 1.48' |

1 NEW ALIGNMENTS

GRAPHIC SCALE 0 200 400




DATUMS: VERTICALLY, THIS PROJECT REFERENCES NGVD 88. HORIZONTALLY, THIS PROJECT REFERENCES THE DELAWARE STATE COORDINATE SYSTEM FOR NAD 83/91.

**PREPARED BY**
**THE CONSULTING FIRM OF**

RUMMEL, KLEPPER & KAHL, LLP
CONSULTING ENGINEERS
Baltimore, Maryland

DAVID WAYNE WALLACE REGISTERED No. 6561 DELAWARE PROFESSIONAL ENGINEER

SEAL

RECOMMENDED

2.11.2005
DATE

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| DATE: | | DESCRIPTION: | BY: |
|---|---|---|---|
| 3-16-05 | 1 | ADDED CONECTIV 3,4,& 5 ALIGNMENTS | RK&K |
| | | REMOVED CONECTIV 1 ALIGNMENT AND NOTE 1 | RK&K |
| 7-22-05 | | AS-BUILT INFORMATION | RK&K |

# DELAWARE SEASHORE STATE PARK
# INDIAN RIVER MARINA RE-DEVELOPMENT
## PHASE II – CONECTIV PLANS

DELAWARE DEPARTMENT OF NATURAL RESOURCES AND ENVIRONMENTAL CONTROL

DESIGNED BY: RK&K

DRAWN BY: RK&K

BUILDING NO.: N/A

DATE: FEBRUARY 11, 2005

SCALE: 1" = 200'

SHEET NO.: GEOMETRIC LAYOUT 01

E.F.N.: