SOUTHERN RIVER ROAD
LESLIE STREET
ANCONA STREET
COCHING STREET
ARAUCANIA STREET
LANGSHAN STREET
BARNEVELDER BEND
BANTAM LINK
ORPINGTON DRIVE
SILKIE LINK
HOUDAN STREET
BRADLEY STREET
BRAHMA STREET
FAVEROLLES DRIVE
ASIL LANE
WYANDOTTE STREET
CAMPINE DRIVE
LANEWAY
ROAD 1
ROAD
MATISON STREET
HOLMES STREET
SUBDIVISION BY OTHERS SEE DP77195
Road Widening 462m²
Road Widening 25m²
Road Widening 22m²
Road Widening 1m²
Road Widening 5m²
369 LOCAL CENTRE 3233m²
368 GROUP HOUSING 2335m²
367 GROUP HOUSING 1996m²
371 RESERVE FOR RECREATION 7265m²
370 RESERVE FOR RECREATION 5135m²
372 RESERVE FOR RECREATION 3890m²
169 GH 2792m²
Balance 29756m²
Transformer Easement
Pump Station Easement
Overflow Tanks Easement
Easement for temporary turning bay.
Restrictive Covenant
Reciprocal Easement
1508 1509 1510 1511 1512 1513 1514 1515 1516 1517 1518 1519 1520 1521 1522 1523 1524 1525 1526 1527 1528 1529 1530 1531 1532 1533 1534 1535 1536 1537 1538 1539 1540 1541 1542 1543 1544 1545 1546 1547 1548 1549 1550 1551 1552 1553 1554 1555 1556 1557 1558 1559 1560 1561 1562 1563 1564 1565 1566 1567 1568 1569 1570 1571 1572 1573 1574 1575 1576 1577 1578 1579 1580 1581 1582 1583 1584 1585 1586 1587 1588 1589 1590 1591 1592 1593 1594 1595 1596 1597 1598 1599 1600 1601 1602 1603 1604 1605 1606 1607 1608 1609 1610 1611 1612 1613 1614 1615 1616 1617 1618 1619 1620 1621 1622 1623 1624 1625 1626 1627 1628 1629 1630 1631 1632 1633 1634 1635 1636 1637 1638 1639 1640 1641 1642 1643 1644 1645 1646 1647 1648 1649 1650 1651 1652 1653 1654 1655 1656 1657 1658 1659 1660 1661 1662 1663 1664 1665 1666 1667 1668 1669 1670 1671 1672 1673 1674 1675 1676 1677 1678 1679 1680 1681 1682 1683 1684 1685 1686 1687 1688 1689 1690 1691 1692 1693 1694 1695 1696 1697 1698 1699 1700 1701 1702 1703 1704 1705 1706 1707 1708 1709 1710 1711 1712 1713 1714 1715 1716 1717 1718 1719 1720 1721 1722 1723 1724 1725 1726 1727 1728 1729 1730 1731 1732 1733 1734 1735 1736 1737 1738 1739 1740 1741 1742 1743 1744 1745 1746 1747 1748 1749 1751
9000 9001 9002 9003 9004 9005 9006 9007 9009 9010 9011 9012 9013 9014 9015 9016 9017 9018 9019 9020 9021 9022 9023 9024 9025 9026 9027 9028 9029 9030 9031 9032 9033 9500 9501 9502 9503 9504 9505 9506 9507 9508 9509 9510 9511 9512 9513 9514 9515 9516 9517 9518 9519 9520 9521 9522 9523 9524 9525 9526 9527 9529 9530 9531 9800 9801 9802 215 26 500 501 502

Control - SSM's

Pt No	Easting	Northing	Height	Description
26	64,703.954	247,767.466	16.695	SSM CVAL 26A
27	64,092.528	247,154.572	24.081	SSM CVAL 27
39	64,423.752	246,311.822	22.679	SSM CVAL 39
86	65,057.650	247,321.792	19.293	SSM CVAL 86
87	65,414.446	246,991.337	18.594	SSM CVAL 87
9009	65,411.530	246,988.146	18.430	SSM CVAL 87T

Control - Engineering

Pt No	Easting	Northing	Height	Description
500	64,492.390	247,385.595	21.138	SIP
501	64,514.983	247,308.659	20.999	SIP
502	64,395.525	247,348.252	20.718	SIP

Control - SSA

Pt No	Easting	Northing	Height	Description
9102	64,317.988	247,130.586		SPK IN BIT
9500	64,740.065	247,629.146		SPK IN BIT
9501	64,700.966	247,581.936		SPK IN BIT
9502	64,576.231	247,508.825	19.571	HILTI IN RBEAM
9503	64,554.811	247,545.785	19.741	HILTI IN RBEAM
9504	64,609.382	247,592.328		SPK IN BIT
9505	64,655.495	247,429.744	19.480	SPK IN BIT
9506	64,606.298	247,378.375	19.751	SPK IN BIT
9507	64,525.500	247,446.560	20.002	HILTI IN RBEAM
9508	64,448.566	247,483.074		HILTI IN RBEAM
9509	64,649.768	247,631.512		HILTI IN RBEAM
9510	64,736.581	247,508.790	19.815	SPK IN BIT
9511	64,805.805	247,581.555	19.120	HILTI IN RBEAM
9512	64,866.125	247,527.964		SPK IN BIT
9513	64,789.231	247,451.122	20.433	SPK IN BIT
9514	64,709.523	247,375.627	19.572	SPK IN BIT
9515	64,819.060	247,425.538	20.397	SIP
9516	64,466.244	247,387.689		HILTI IN RBEAM
9517	64,547.114	247,310.975		SPK IN BIT
9518	64,397.147	247,326.582		SPK IN BIT (GONE)
9519	64,398.951	247,323.504		HILTI IN RBEAM
9520	64,371.231	247,355.841		SPK IN BIT
9521	64,328.879	247,260.271		HILTI IN RBEAM
9522	64,457.034	247,269.925		SPK IN BIT
9523	64,387.047	247,195.358		SPK IN BIT
9524	64,514.812	247,220.130		SPIKE IN BIT
9525	64,566.092	247,153.049		HILTI IN RBEAM
9526	64,427.176	247,128.455		HILTI IN RBEAM
9527	64,378.894	247,090.777		SPK IN BIT
9528	64,480.924	247,082.714		HILTI IN RBEAM
9529	64,426.002	247,014.502		HILTI IN RBEAM
9530	64,465.963	246,979.592		SPK IN BIT
9531	64,559.817	247,052.086		SPK IN BIT
9532	64,614.099	247,105.349		SPK IN BIT
9533	64,479.777	246,973.223		SIP
9800	64,611.778	247,487.260	19.560	BRASS PLAQUE
9801	64,726.084	247,352.226	19.183	BRASS PLAQUE
9802	64,502.230	247,104.888		BRASS PLAQUE

Control - Surround

Pt No	Easting	Northing	Height	Description
215	64,380.073	247,634.657		DSPK & PLATE
9000	64,332.323	247,392.994	20.699	SIP
9001	64,227.261	246,781.694	22.886	DSPK & PLATE IN BIT
9002	64,479.517	247,544.054	20.002	DSPK & PLATE IN BIT
9003	64,553.401	247,176.633	22.477	DSPK & PLATE IN BIT
9004	64,663.770	247,727.465		SPK (0.4d)
9005	64,799.733	247,589.515	19.030	SPK IN BIT
9006	64,953.163	247,433.842	19.564	SPK IN BIT
9007	65,060.826	247,324.605		SIP IN CONC (0.3d)
9008	65,097.486	247,289.435		DSPK IN BIT (0.12d)
9010	64,921.615	247,114.091		SPK (0.3d)
9011	65,097.084	247,287.015	18.939	DSPK IN BIT 892
9012	64,919.480	247,121.280		DSPK IN BIT
9013	64,850.368	247,036.023	19.628	SIP
9014	64,764.234	246,962.470	22.173	SPK IN BIT
9015	64,756.856	246,969.864		DSPK IN BIT (0.02d)
9016	64,666.415	247,060.488	20.957	DSPK IN BIT
9017	64,618.362	247,108.639	21.191	DSPK IN BIT
9018	64,635.893	246,834.349	21.026	SPK IN BIT
9019	64,563.090	246,761.671	23.164	SPK IN BIT
9020	64,479.536	246,974.164	27.399	SIP
9021	64,539.758	247,028.989		SPK (0.3d)
9022	64,495.568	246,714.129	25.320	SIP
9023	64,347.910	246,885.268	23.143	SIP
9024	64,317.607	246,549.078	23.683	DSPK & PLATE IN BIT
9025	64,428.785	246,324.149	23.135	DSPK IN BIT
9026	64,484.947	247,243.628	21.718	DSPK IN BIT
9027	64,477.040	247,251.366	21.556	DSPK IN BIT (GONE)
9028	64,413.513	247,166.787		SPK (0.3d)
9029	64,351.128	247,099.678	24.134	SIP
9030	64,405.730	247,046.307		SPK (0.35d)
9031	64,630.831	247,396.278	18.499	SIP
9032	64,709.492	247,319.241	18.842	SIP
9033	64,817.658	247,259.708	18.088	SIP

REV.	DATE	DESCRIPTION	CALC	MCE	CHK
21.0	01.05.13	Amendments to lots 106,142,144 & 376. Updated road name Wyandotte Street	TCH	TCH	SPT
20.0	11.04.13	Amend padmount to Lot 183. Amend Lots 161-163 and road widening	BLT	BLT	SPT
19.0	07.03.13	Amendments to lots 136-142, 148, 149, 153, 154 & 159-179	TCH	TCH	SPT
18.0	23.01.13	Amend trunc Lots 106-108, 116, 117, 183, 216, Add RL pt, 9506, Add Engineering control 500-502	BLT	BLT	SPT
17.0	03.09.12	Item 54 - Amended trucations in lots 108,116,117,183 & 216, Added RL to CP 9507	TCH	TCH	SPT
16.0	24.05.12	Add SSA control pts 9512-9515,9801.	BLT	BLT	SPT
1.0	25.03.10	MCE Edit & First Issue	TCH	TCH	SPT

ADDITIONS, AMENDMENTS AND APPROVALS

REV.	DATE	DESCRIPTION	CALC	MCE	CHK
29.0	12.04.16	Portion of Langshan Street Added, Barnevelder Bend Extended	TVW	TVW	SPT
28.0	16.10.14	Amend Road Widening and Lot 142	TRM	TRM	SPT
27.0	12.08.14	Add 4m wide easement over Lot 145 & 171. Remove Ease from Lot 142 & 170. Add Stage 7 SSA.	TRM	TRM	SPT
26.0	10.07.14	Add 1m x 1.2m NBN Easements over Lot 149 & 153. 1m x 1.5m over Lot 151	TRM	TRM	SPT
25.0	13.06.14	Amend Lots 151, 161 & 370. Add Campine Dr. Add Easements over Lots 142 & 170.	TRM	TRM	SPT
24.0	16.04.14	Add Stage 6 SSA Control, Update Tables	TRM	TRM	SPT
23.0	27.02.14	10364-S004-I077 - Amendments to lots 340,341,347,348,365,366 & 376-380	TCH	TCH	SPT
22.0	08.07.13	Add SSA control points 9516-9518	BLT	BLT	PNH

ADDITIONS, AMENDMENTS AND APPROVALS

SCALE 1:1000 @ A0

10 0 10 20 30 40
ALL DISTANCES ARE IN METRES

DATE: 12th April 2016
JOB No: 10364
WAPC App No: 139508
WORK DIR: 10\10364\comps\precal\
ACSp: 10364 southern_river-31-160412
CAD REF: fp10364-002-r29.dgn
UPLOAD FILE: s:\projects\ 10\ 10364\survey\precal\carlson\fp10364-002-r29.crd

HORIZONTAL DATUM: PCG '94
VERTICAL DATUM: AHD
SURVEYOR: RL
CALCULATED: TCH DRAWN: TCH
PLAN No: FP-10364-002-Rev.29.0
PLOT: fp10364-002-29.pdf

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PRECALCULATION PLAN
SOUTHERN RIVER - Riverbanks for SPM

REVISION 29