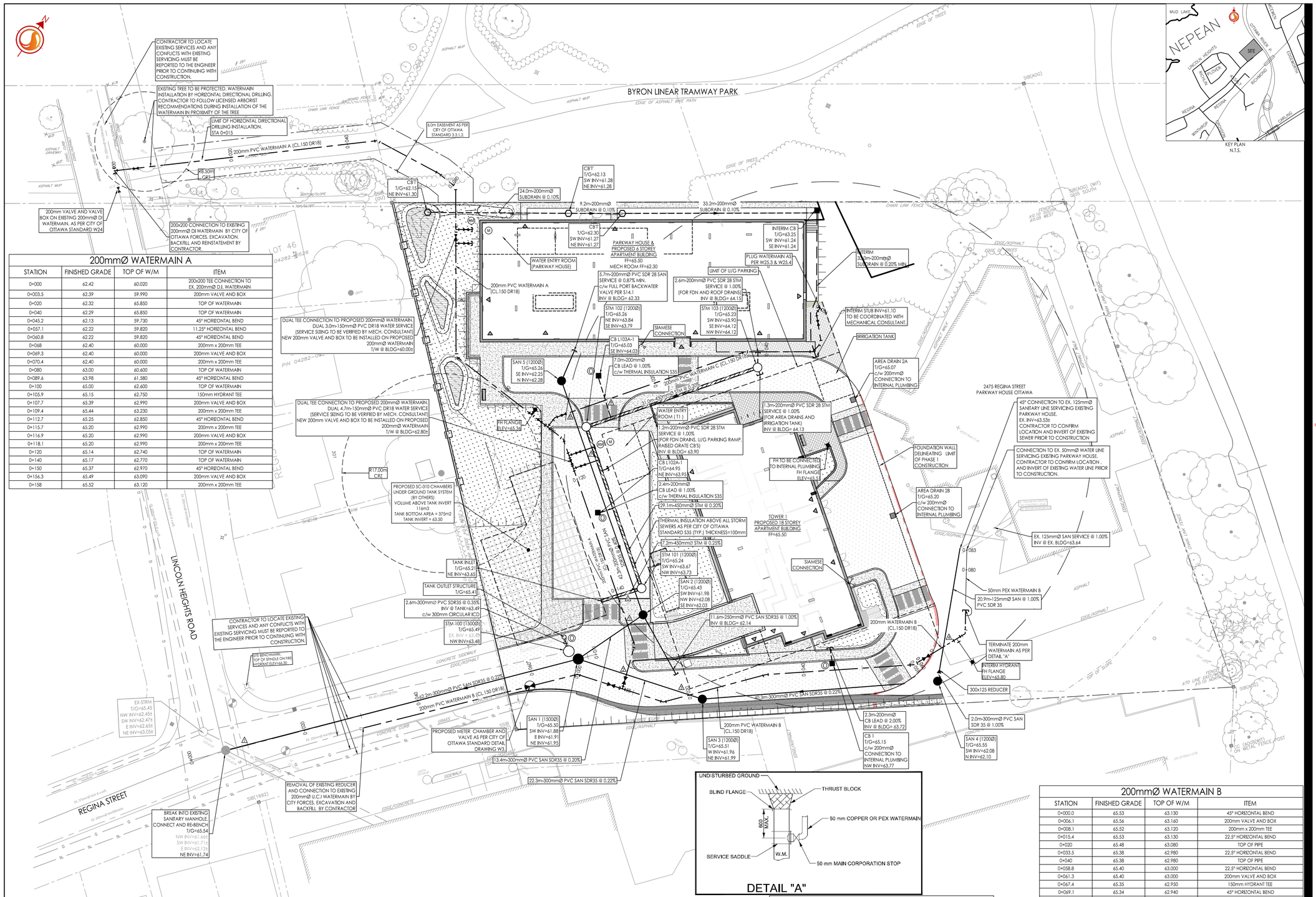
BYRON LINEAR TRAMWAY PARK
CONTRACTOR TO LOCATE EXISTING SERVICES AND ANY CONFLICTS WITH EXISTING SERVICING MUST BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.
EXISTING TREE TO BE PROTECTED. WATERMAIN INSTALLATION BY HORIZONTAL DIRECTIONAL DRILLING. CONTRACTOR TO FOLLOW LICENSED ARBORIST RECOMMENDATIONS DURING INSTALLATION OF THE WATERMAIN IN PROXIMITY OF THE TREE.
LIMIT OF HORIZONTAL DIRECTIONAL DRILLING INSTALLATION. STA.0+015
6.0m EASEMENT AS PER CITY OF OTTAWA STANDARD S.3.1.2
SS 200mm PVC WATERMAIN A (CL.150 DR18)
PB.50m CR2
200mm VALVE AND VALVE BOX ON EXISTING 200mm@ DI WATERMAIN, AS PER CITY OF OTTAWA STANDARD W24
200x200 CONNECTION TO EXISTING 200mm@ DI WATERMAIN BY CITY OF OTTAWA FORCES. EXCAVATION, BACKFILL AND REINSTATEMENT BY CONTRACTOR.
CBT T/G=62.15 NE INV=61.30
CBT T/G=62.13 SW INV=61.28 NE INV=61.28
24.0m-200mm@ SUBDRAIN @ 0.10%
9.2m-200mm@ SUBDRAIN @ 0.10%
33.2m-200mm@ SUBDRAIN @ 0.10%
CBT T/G=62.30 SW INV=61.27 NE INV=61.27
PARKWAY HOUSE & PROPOSED 4 STOREY APARTMENT BUILDING FF=65.50 MECH ROOM FF=62.30
INTERIM CB T/G=63.25 SW INV=61.24 SE INV=61.24
INTERIM 24.0m-200mm@ SUBDRAIN @ 0.20% MIN.
WATER ENTRY ROOM (PARKWAY HOUSE)
PLUG WATERMAIN AS PER W25.3 & W25.4
LIMIT OF U/G PARKING
200mm PVC WATERMAIN A (CL.150 DR18)
5.7m-200mm@ PVC SDR 28 SAN SERVICE @ 0.87% MIN. c/w FULL PORT BACKWATER VALVE PER S14.1 INV @ BLDG= 62.33
2.6m-200mm@ PVC SDR 28 STM SERVICE @ 1.00% (FOR FDN AND ROOF DRAINS) INV @ BLDG= 64.15
STM 102 (1200Ø) T/G=65.26 NE INV=63.84 SE INV=63.79
STM 103 (1200Ø) T/G=65.23 SW INV=63.90 SE INV=64.12 NW INV=64.12
SIAMESE CONNECTION
CB L103A-1 T/G=65.03 SE INV=64.03
INTERIM STUB INV=61.10 TO BE COORDINATED WITH MECHANICAL CONSULTANT.
IRRIGATION TANK
DUAL TEE CONNECTION TO PROPOSED 200mm@ WATERMAIN. DUAL 3.0m-150mm@ PVC DR18 WATER SERVICE (SERVICE SIZING TO BE VERIFIED BY MECH. CONSULTANT) NEW 200mm VALVE AND BOX TO BE INSTALLED ON PROPOSED 200mm@ WATERMAIN T/W @ BLDG=60.00±
SAN 5 (1200Ø) T/G=65.26 SE INV=62.25 N INV=62.28
7.0m-200mm@ CB LEAD @ 1.00% c/w THERMAL INSULATION S35
200mm PVC WATERMAIN C (CL.150 DR18)
200mm@ STM @ 0.20%
AREA DRAIN 2A T/G=65.07 c/w 200mm@ CONNECTION TO INTERNAL PLUMBING
2475 REGINA STREET PARKWAY HOUSE OTTAWA
DUAL TEE CONNECTION TO PROPOSED 200mm@ WATERMAIN. DUAL 4.7m-150mm@ PVC DR18 WATER SERVICE (SERVICE SIZING TO BE VERIFIED BY MECH. CONSULTANT) NEW 200mm VALVE AND BOX TO BE INSTALLED ON PROPOSED 200mm@ WATERMAIN T/W @ BLDG=62.80±
FH FLANGE ELEV=65.34
WATER ENTRY ROOM (T1)
1.2m-200mm@ PVC SDR 28 STM SERVICE @ 1.00% (FOR FDN DRAINS, U/G PARKING RAMP, RAISED GRATE CB'S) INV @ BLDG= 63.90
1.3m-200mm@ PVC SDR 28 STM SERVICE @ 1.00% (FOR AREA DRAINS AND IRRIGATION TANK) INV @ BLDG= 64.13
45° CONNECTION TO EX. 125mm@ SANITARY LINE SERVICING EXISTING PARKWAY HOUSE. EX. INV=63.53± CONTRACTOR TO CONFIRM LOCATION AND INVERT OF EXISTING SEWER PRIOR TO CONSTRUCTION
FOUNDATION WALL DELINEATING LIMIT OF PHASE 1 CONSTRUCTION
CONNECTION TO EX. 50mm@ WATER LINE SERVICING EXISTING PARKWAY HOUSE. CONTRACTOR TO CONFIRM LOCATION AND INVERT OF EXISTING WATER LINE PRIOR TO CONSTRUCTION.
CB L100A-1 T/G=64.95 NE INV=63.95
FH TO BE CONNECTED TO INTERNAL PLUMBING FH FLANGE ELEV=64.61
R17.00m CR2
PROPOSED SC-310 CHAMBERS UNDER GROUND TANK SYSTEM (BY OTHERS) VOLUME ABOVE TANK INVERT 116m3 TANK BOTTOM AREA = 375m2 TANK INVERT = 63.50
2.4m-200mm@ CB LEAD @ 1.00% c/w THERMAL INSULATION S35
29.1m-450mm@ STM @ 0.20%
THERMAL INSULATION ABOVE ALL STORM SEWERS AS PER CITY OF OTTAWA STANDARD S35 (TYP.) THICKNESS=100mm
TOWER 1 PROPOSED 18 STOREY APARTMENT BUILDING FF=65.50
AREA DRAIN 2B T/G=65.20 c/w 200mm@ CONNECTION TO INTERNAL PLUMBING
EX. 125mm@ SAN SERVICE @ 1.00% INV @ EX. BLDG=63.64
7.2m-450mm@ STM @ 0.25%
STM 101 (1200Ø) T/G=65.24 SW INV=63.67 NW INV=63.73
SIAMESE CONNECTION
SAN 2 (1200Ø) T/G=65.43 SW INV=61.98 NW INV=62.08 SE INV=62.03
50mm PEX WATERMAIN B
20.9m-125mm@ SAN @ 1.00% PVC SDR 35
TANK INLET T/G=65.21 NE INV=63.65
TANK OUTLET STRUCTURE T/G=65.41
2.6m-300mm@ PVC SDR35 @ 0.35% INV @ TANK=63.49 c/w 300mm CIRCULAR ICD
STM 100 (1500Ø) T/G=65.49 EX. INV = 63.29 NW INV=63.48
11.6m-250mm@ PVC SAN SDR35 @ 1.00% INV @ BLDG= 62.14
200mm WATERMAIN B (CL.150 DR18)
TERMINATE 200mm WATERMAIN AS PER DETAIL "A"
INTERIM HYDRANT FH FLANGE ELEV=65.80
CONTRACTOR TO LOCATE EXISTING SERVICES AND ANY CONFLICTS WITH EXISTING SERVICING MUST BE REPORTED TO THE ENGINEER PRIOR TO CONTINUING WITH CONSTRUCTION.
SITE BENCHMARK: TOP OF SPINDLE ON FIRE HYDRANT ELEV=66.30
300x125 REDUCER
2.3m-200mm@ CB LEAD @ 2.00% INV @ BLDG= 63.72
2.0m-300mm@ PVC SAN SDR 35 @ 1.00%
CB 1 T/G=65.15 c/w 200mm@ CONNECTION TO INTERNAL PLUMBING NW INV=63.77
SAN 4 (1200Ø) T/G=65.55 SW INV=62.08 N INV=62.10
EX-STRM T/G=65.45 NW INV=62.45± SW INV=62.47± E INV=62.65± NE INV=63.05±
SAN 1 (1500Ø) T/G=65.50 SW INV=61.88 E INV=61.91 NE INV=61.95
PROPOSED METER CHAMBER AND VALVE AS PER CITY OF OTTAWA STANDARD DETAIL DRAWING W3.
200mm PVC WATERMAIN B (CL.150 DR18)
SAN 3 (1200Ø) T/G=65.51 W INV=61.96 NE INV=61.99
13.4m-300mm@ PVC SAN SDR35 @ 0.20%
22.3m-300mm@ PVC SAN SDR35 @ 0.22%
40.3m-300mm@ PVC SAN SDR35 @ 0.22%
REMOVAL OF EXISTING REDUCER AND CONNECTION TO EXISTING 200mm@ U.C.I WATERMAIN BY CITY FORCES. EXCAVATION AND BACKFILL BY CONTRACTOR
BREAK INTO EXISTING SANITARY MANHOLE, CONNECT AND RE-BENCH T/G=65.54 NW INV=61.66± SW INV=61.71± E INV=62.10± NE INV=61.74
LINCOLN HEIGHTS ROAD
REGINA STREET
EDGE OF TREES
EDGE OF ASPHALT BIKE PATH
CHAIN LINK FENCE
WOOD FENCE
ASPHALT MUP
EDGE/ASPHALT
CONCRETE SIDEWALK
GRASS
SIB(1692)
SIB(1690)
SIB(1690) (INT) 0.05 SOUTH
±0.15 FENCE/SIB 0.05 WEST
±0.10 LINE EASEMENT/SIB 20.19 WEST
TOP OF SLOPE
BOTTOM/SLOPE
EX. 200mm WATERMAIN
EX. STORM MAIN Ø 1400
EX. 300mm WATERMAIN
EX. 600mm STM
EX. 1200mm STM
EX. 1500mm STM
EX. 1800mm STM
EX. 2100mm STM
EX. 2400mm STM
EX. 2700mm STM
EX. 3000mm STM
EX. 3300mm STM
EX. 3600mm STM
EX. 3900mm STM
EX. 4200mm STM
EX. 4500mm STM
EX. 4800mm STM
EX.