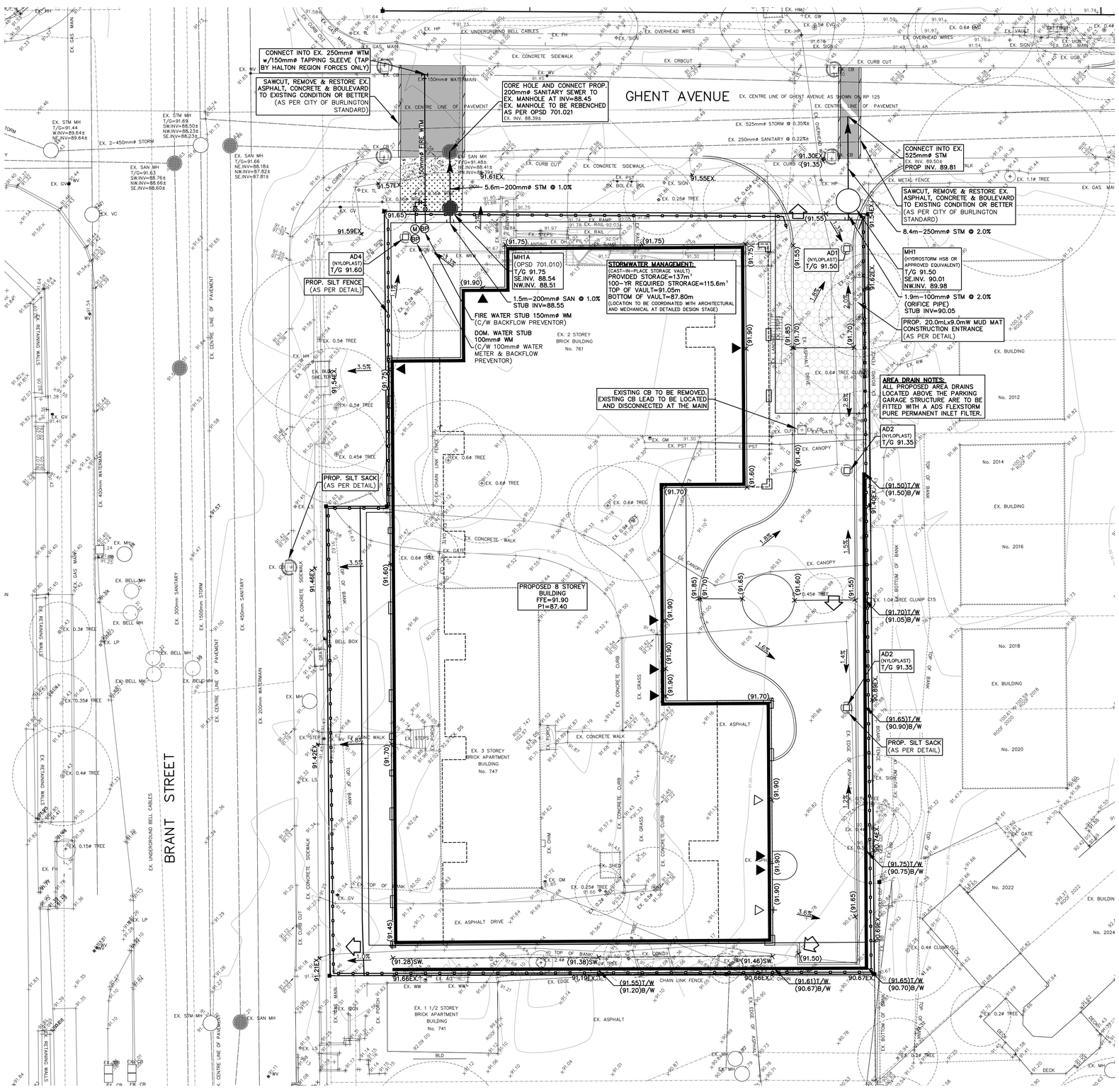
DWG No.: 20062 –C104

PRELIMINARY GRADING, SERVICING AND EROSION CONTROL PLAN (PHASE 3 OF 3)

S:\20062\WORKING\CURRENT\20062-Grading and Servicing Plan.dwg


GHENT AVENUE
BRANT STREET
CONNECT INTO EX. 250mmø WM w/150mmø TAPPING SLEEVE (TAP BY HALTON REGION FORCES ONLY)
SAWCUT, REMOVE & RESTORE EX. ASPHALT, CONCRETE & BOULEVARD TO EXISTING CONDITION OR BETTER (AS PER CITY OF BURLINGTON STANDARD)
CORE HOLE AND CONNECT PROP. 200mmø SANITARY SEWER TO EX. MANHOLE AT INV=88.45
EX. MANHOLE TO BE REBENCHED AS PER OPSD 701.021
EX. INV. 88.39±
CONNECT INTO EX. 525mmø STM
EX. INV. 89.50±
PROP INV. 89.81
SAWCUT, REMOVE & RESTORE EX. ASPHALT, CONCRETE & BOULEVARD TO EXISTING CONDITION OR BETTER (AS PER CITY OF BURLINGTON STANDARD)
8.4m–250mmø STM @ 2.0%
5.6m–200mmø STM @ 1.0%
MH1A
(OPSD 701.010)
T/G 91.75
SE.INV. 88.54
NW.INV. 88.51
1.5m–200mmø SAN @ 1.0%
STUB INV=88.55
FIRE WATER STUB 150mmø WM
(C/W BACKFLOW PREVENTOR)
DOM. WATER STUB
100mmø WM
(C/W 100mmø WATER METER & BACKFLOW PREVENTOR)
STORMWATER MANAGEMENT:
(CAST-IN-PLACE STORAGE VAULT)
PROVIDED STORAGE=137m³
100-YR REQUIRED STRORAGE=115.6m³
TOP OF VAULT=91.05m
BOTTOM OF VAULT=87.80m
(LOCATION TO BE COORDINATED WITH ARCHITECTURAL AND MECHANICAL AT DETAILED DESIGN STAGE)
AD4
(NYLOPLAST)
T/G 91.60
PROP. SILT FENCE
(AS PER DETAIL)
AD1
(NYLOPLAST)
T/G 91.50
MH1
(HYDROSTORM HSB OR APPROVED EQUIVALENT)
T/G 91.50
SE.INV. 90.01
NW.INV. 89.98
1.9m–100mmø STM @ 2.0%
(ORIFICE PIPE)
STUB INV=90.05
PROP. 20.0mLx9.0mW MUD MAT CONSTRUCTION ENTRANCE
(AS PER DETAIL)
EXISTING CB TO BE REMOVED. EXISTING CB LEAD TO BE LOCATED AND DISCONNECTED AT THE MAIN
AREA DRAIN NOTES:
ALL PROPOSED AREA DRAINS LOCATED ABOVE THE PARKING GARAGE STRUCTURE ARE TO BE FITTED WITH A ADS FLEXSTORM PURE PERMANENT INLET FILTER.
AD2
(NYLOPLAST)
T/G 91.35
PROP. SILT SACK
(AS PER DETAIL)
PROPOSED 8 STOREY BUILDING
FFE=91.90
P1=87.40
EX. 2 STOREY BRICK BUILDING No. 761
EX. 3 STOREY BRICK APARTMENT BUILDING No. 747
EX. 1 1/2 STOREY BRICK APARTMENT BUILDING No. 741
EX. BUILDING
No. 2012
No. 2014
No. 2016
No. 2018
No. 2020
No. 2022
No. 2024
EX. ASPHALT DRIVE
EX. ASPHALT
EX. CANOPY
EX. CONCRETE SIDEWALK
EX. CONCRETE CURB
EX. GRASS
EX. CENTRE LINE OF PAVEMENT
EX. 150mmø WATERMAIN
EX. 525mmø STORM @ 0.35%±
EX. 250mmø SANITARY @ 0.22%±
EX. 450mmø WATERMAIN
EX. 200mmø WATERMAIN
EX. 300mm SANITARY
EX. 1500mm STORM
EX. 450mm SANITARY
EX. UNDERGROUND BELL CABLES
EX. 400mm WATERMAIN
EX. 150mm FIRE WTM
EX. 250mm WM
EX. 2–450mmø STORM
EX. STM MH T/G=91.44 W.INV=89.64± NE.INV=89.64± SE.INV=88.23±
EX. STM MH T/G=91.69 SW.INV=88.50± NW.INV=88.23± SE.INV=88.23±
EX. SAN MH T/G=91.66 NE.INV=88.18± NW.INV=87.82± SE.INV=87.81±
EX. SAN MH T/G=91.63 SW.INV=88.76± NW.INV=88.66± SE.INV=88.60±
EX. STM MH
EX. SAN MH
EX. 0.6mø TREE CLUMP C15
EX. 1.0mø TREE CLUMP C16
EX. 0.4mø TREE CLUMP C17
EX. 0.4mø TREE CLUMP C18
EX. 0.4mø TREE CLUMP C19
EX. 0.4mø TREE CLUMP C20
EX. 0.4mø TREE CLUMP C21
EX. 0.4mø TREE CLUMP C22
EX. 0.4mø TREE CLUMP C23
EX. 0.4mø TREE CLUMP