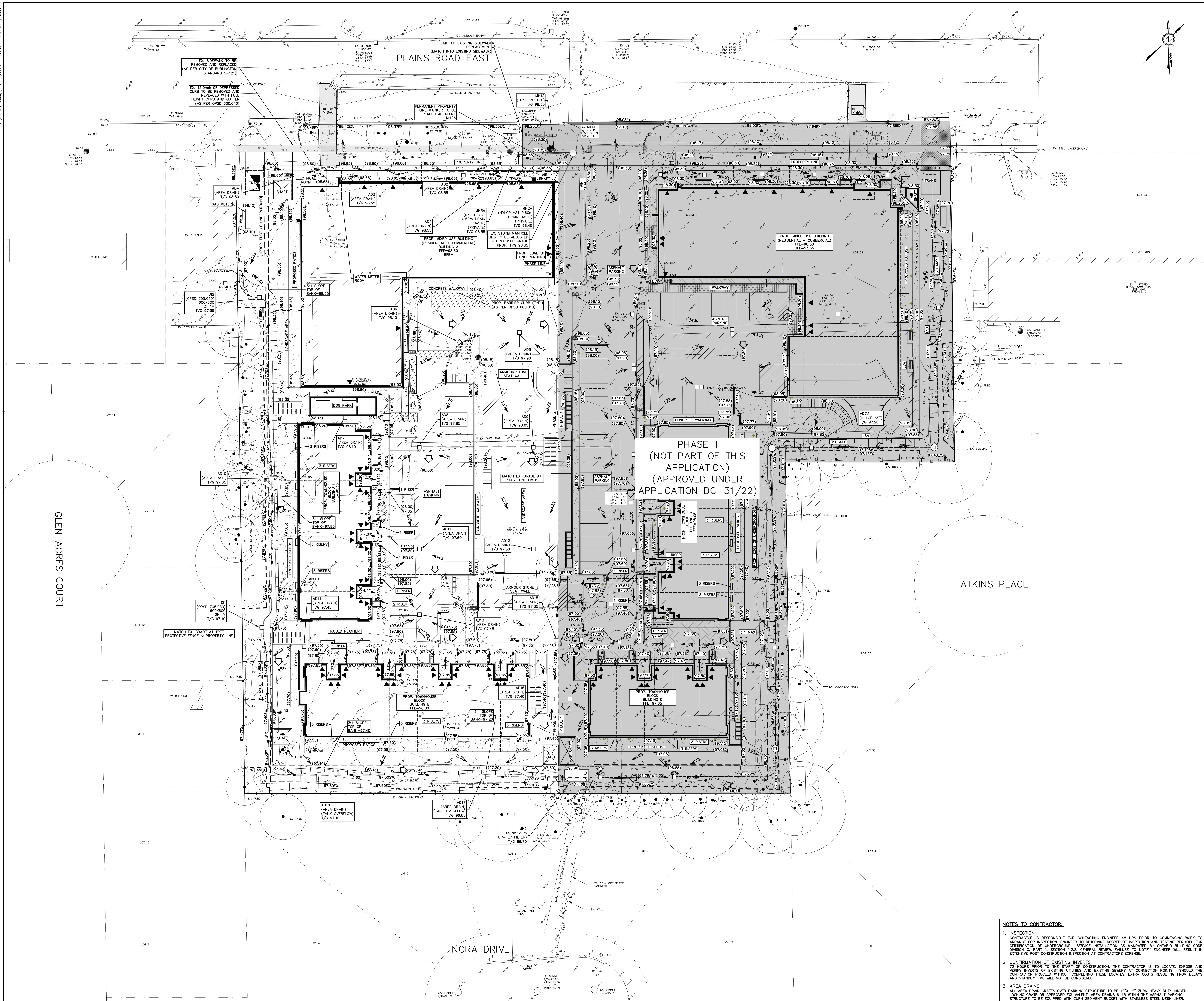
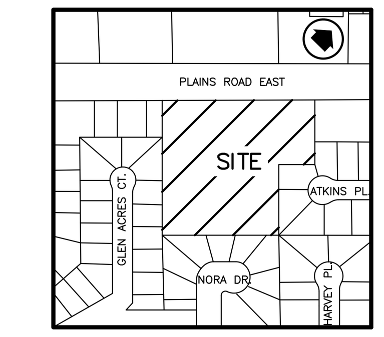




KEY MAP
N.T.S.

LEGEND:

- EXISTING GROUND ELEVATION
- PROPOSED GROUND ELEVATION
- PROPOSED ELEVATION TO MATCH EXISTING
- PROPOSED DIRECTION OF SHEET FLOW
- EXISTING CATCHBASIN
- EXISTING STORM/SANITARY MANHOLE
- PROPOSED CATCHBASIN
- PROPOSED STORM/SANITARY MANHOLE
- PROPOSED CURB STOP/GATE VALVE
- EXISTING DIRECTION OF DRAINAGE
- PROPOSED DIRECTION OF SWALE FLOW
- PROPOSED DIRECTION OF SWALE FLOW C/W SUBDRAIN
- PROPOSED OVERLAND FLOW ROUTE
- EXISTING OVERLAND FLOW ROUTE
- PROPOSED DRAINAGE BREAK LINE
- PROPOSED CONCRETE
- PROPOSED SIDEWALK REMOVAL & REPLACEMENT
- PROPOSED RAISED PLANTER
- PROPOSED TURF STONE
- PROPOSED UNIT PAVING
- TREE PROTECTION FENCING
- PROPOSED HYDRANT
- PROPOSED DEPRESSED CURB

BENCH MARK NOTE:
ELEVATIONS SHOWN HEREON ARE RELATED TO THE CANADIAN GEODETIC VERTICAL DATUM AND ARE DERIVED FROM:
CITY OF BURLINGTON BENCH MARK NO. 44
ELEVATION = 98.754–metres

LOCAL BENCHMARK NO. 1
CUT CROSS IN CONCRETE WALKWAY ON THE SOUTH SIDE OF PLAINS ROAD EAST APPROXIMATELY 3.0 METRES EAST OF THE ENTRANCE TO NO. 516 PLAINS ROAD EAST.
ELEAVTION = 97.79–metres

NO.	DATE	BY	REVISIONS

NOTES TO CONTRACTOR:
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DESIGN	SJD	CHK'D	JK	DATE
DRAWN	SJD	CHK'D	JK	May. 17, 24

SCALE 1:250 (0 5 10 15 20 25)

APPROVALS

REGIONAL APPROVAL

REGION DESIGN OF WATER AND/OR WASTEWATER SERVICES APPROVED SUBJECT TO DETAIL CONSTRUCTION CONFORMING TO HALTON REGION STANDARDS AND SPECIFICATIONS AND LOCATION APPROVAL FROM AREA MUNICIPALITY.

SIGNED: ____________ DATED: ____________
INFRASTRUCTURE PLANNING & POLICY

THE APPLICANT SHALL BE AWARE THAT THE APPROVAL OF THE WATER SYSTEM ON PRIVATE PROPERTY IS THE RESPONSIBILITY OF THE LOCAL MUNICIPALITY. REGARDLESS, THE APPLICANT MUST ENSURE THAT THE REGION OF HALTON'S STANDARDS AND SPECIFICATIONS ARE MET (THE WATER AND WASTEWATER LINEAR DESIGN MANUAL MAY BE OBTAINED FROM THE DATA MANAGEMENT GROUP AT 905–825–6032). FURTHERMORE, ALL WATER QUALITY TESTS MUST BE COMPLETE TO THE REGION OF HALTON'S SATISFACTION, BEFORE THE WATER SUPPLY CAN BE TURNED ON.

STAMP
LICENSED PROFESSIONAL ENGINEER
J. F. KOCH
100073395
17-MAY-24
PROVINCE OF ONTARIO

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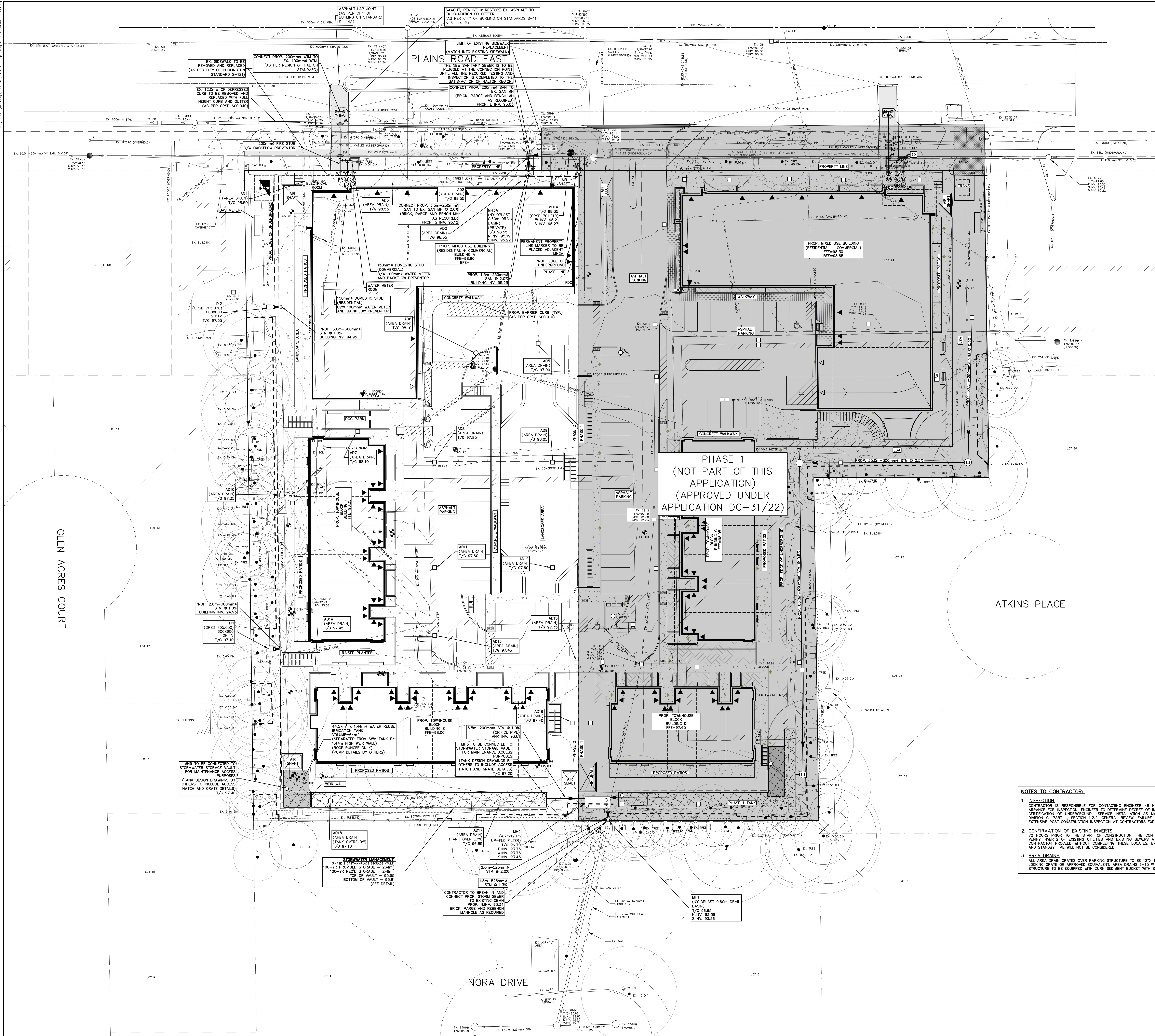
484 PLAINS ROAD EAST, PHASE 2
BURLINGTON, ON

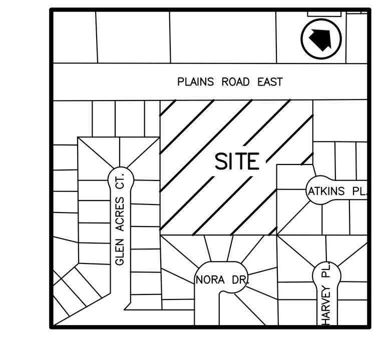
PRELIMINARY GRADING PLAN PHASE 2

22057 | DRAWING No. C102

NOTES TO CONTRACTOR:

1. INSPECTION
CONTRACTOR IS RESPONSIBLE FOR CONTACTING ENGINEER 48 HRS PRIOR TO COMMENCING WORK TO ARRANGE FOR INSPECTION. ENGINEER TO DETERMINE DEGREE OF INSPECTION AND TESTING REQUIRED FOR CERTIFICATION OF UNDERGROUND SERVICE INSTALLATION AS MANDATED BY ONTARIO BUILDING CODE DIVISION C, PART 1, SECTION 1.2.2, GENERAL REVIEW. FAILURE TO NOTIFY ENGINEER WILL RESULT IN EXTENSIVE POST CONSTRUCTION INSPECTION AT CONTRACTORS EXPENSE.
2. CONFIRMATION OF EXISTING INVERTS
72 HOURS PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR IS TO LOCATE, EXPOSE AND VERIFY INVERTS OF EXISTING UTILITIES AND EXISTING SEWERS AT CONNECTION POINTS. SHOULD THE CONTRACTOR PROCEED WITHOUT COMPLETING THESE LOCATES, EXTRA COSTS RESULTING FROM DELAYS AND STANDBY TIME WILL NOT BE CONSIDERED.
3. AREA DRAINS
ALL AREA DRAIN GRATES OVER PARKING STRUCTURE TO BE 12"X 12" ZURN HEAVY DUTY HINGED LOCKING GRATE OR APPROVED EQUIVALENT. AREA DRAINS 6–15 WITHIN THE ASPHALT PARKING STRUCTURE TO BE EQUIPPED WITH ZURN SEDIMENT BUCKET WITH STAINLESS STEEL MESH LINER.





KEY MAP
N.T.S.

LEGEND:

- EXISTING CATCHBASIN
- EXISTING STORM/SANITARY MANHOLE
- PROPOSED AREA DRAIN
- PROPOSED STORM/SANITARY MANHOLE
- PROPOSED GATE VALVE
- PROPOSED WATER METER
- PROPOSED BACKFLOW PREVENTOR
- #1 SEWER/UTILITY CROSSING
- PROPOSED ROAD RESTORATION
- PROPOSED HYDRANT
- PROPOSED DEPRESSED CURB
- PROPOSED CONCRETE
- PROPOSED SIDEWALK REMOVAL & REPLACEMENT
- PROPOSED RAISED PLANTER
- PROPOSED TURF STONE
- PROPOSED UNIT PAVING

SEWER & WATER CROSSING CHART:

CROSSING NO. 1
(EX. CONC. DUCT & WTM)
EX. DUCT INV.=95.81±
WTM. OBV.=94.52
(MINIMUM 0.5m SEPARATION)

CROSSING NO. 2
(EX. CONDUIT & WTM)
EX. CONDUIT INV.=96.44±
WTM. OBV.=94.52
(MINIMUM 0.5m SEPARATION)

CROSSING NO. 3
(2X EX. CONDUIT & WTM)
EX. CONDUIT INVS.=96.48±
WTM. OBV.=94.52
(MINIMUM 0.5m SEPARATION)

CROSSING NO. 4
(EX. STM. & WATER)
EX. STM. INV.=95.02±
EX. WTM.=94.52
(MINIMUM 0.5m SEPARATION)

CROSSING NO. 5
(3x EX. GAS & WTM)
EX. GAS INV.=96.63±
WTM. OBV.=94.52
(MINIMUM 0.5m SEPARATION)

CROSSING NO. 6
(EX. GAS & SANI)
EX. GAS. INV.=96.63±
SANI. OBV.=95.58

CROSSING NO. 7
(EX. GAS & SANI)
EX. GAS. INV.=96.63±
SANI. OBV.=95.32

CROSSING NO. 8
(WTM & EX. STM)
WTM INV.=96.53
EX. STM. OBV.=95.32±
(MINIMUM 0.25m SEPARATION)

CROSSING NO. 9
(WTM & EX. STM)
WTM INV.=96.67
EX. SAN. OBV.=94.94±
(MINIMUM 0.25m SEPARATION)

(UTILITY CROSSINGS WERE DERIVED FROM HYDROVAC DAYLIGHTING WORK COMPLETED ON JUNE 9, 2023 BY LANDSHARK AND SUE SITE INVESTIGATION DRAWING COMPLETED BY 4 SIGHT UTILITY ENGINEERS DATED JUNE 20,2022)

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SCALE 1:250 (0 5 10 15 20 25)

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484 PLAINS ROAD EAST, PHASE 2
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PRELIMINARY SITE SERVICING PLAN PHASE 2

22057 | DRAWING No. C103