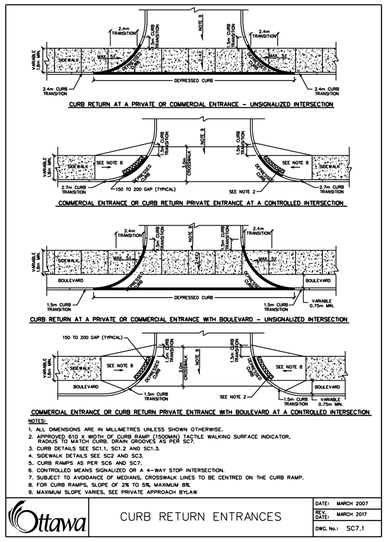
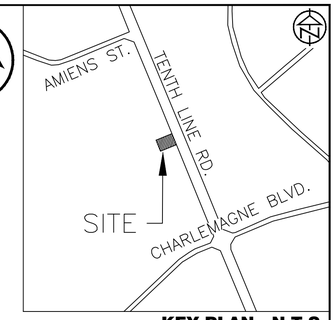



## PAVEMENT STRUCTURE

| COURSE | MATERIAL | THICKNESS (mm) | |
|---|---|---|---|
| | | AUTOMOBILE PARKING | TRUCK ROUTE (HEAVY TRAFFIC) |
| SURFACE | HL.3 A/C (PG 58-28) | 50 | 40 |
| BINDER | HL.8 A/C (PG 58-28) | -- | 50 |
| BASECOURSE | GRANULAR "A" | 150 | 150 |
| SUBBASE | GRANULAR "B" TYPE II | 350 | 450 |

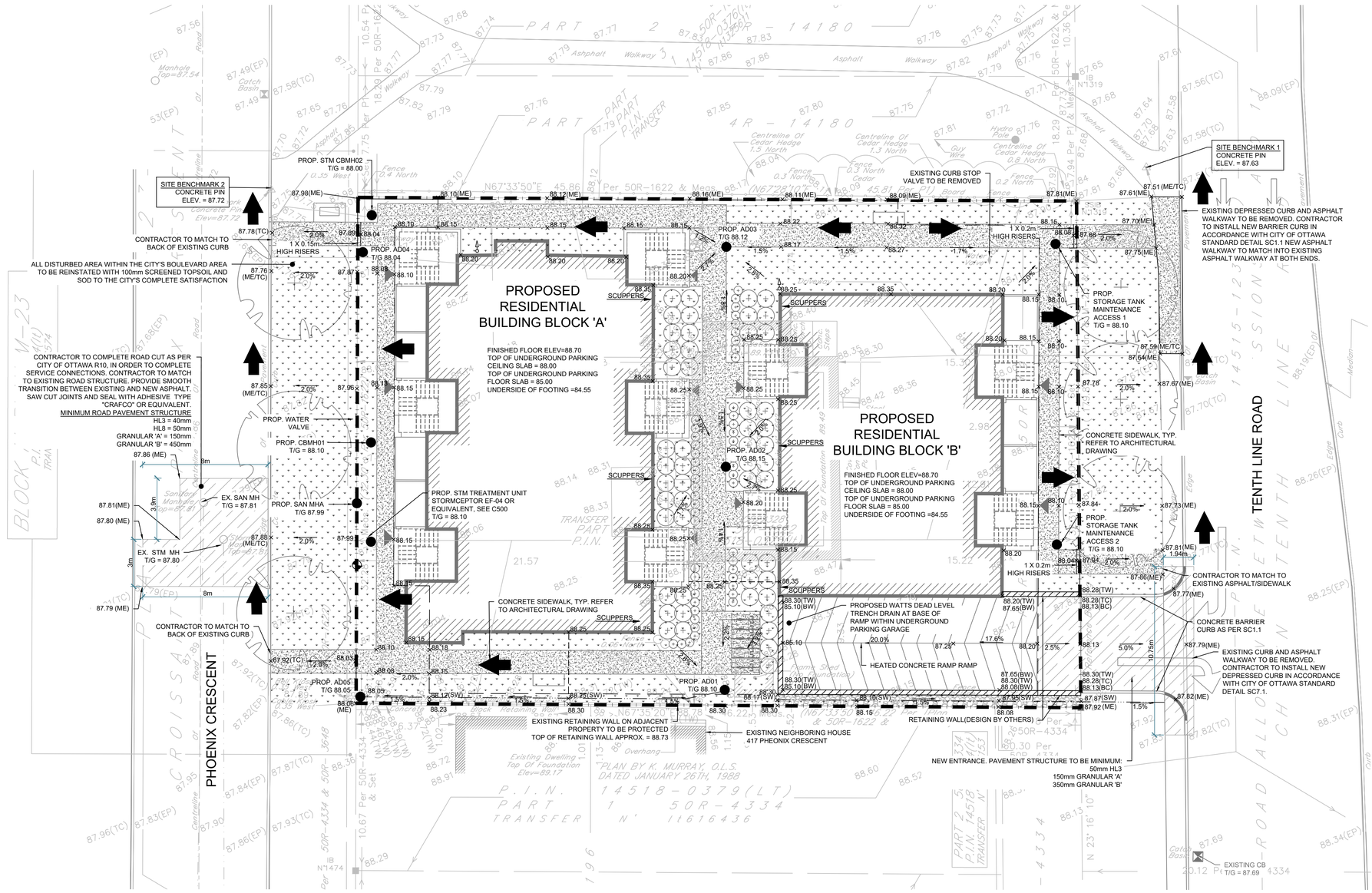
NOTE:
IN PREPARATION FOR PAVEMENT CONSTRUCTION AT THIS SITE, ANY SURFICIAL OR NEAR SURFACE/SUBGRADE LEVEL TOPSOIL AND ANY SOFT, WET OR DELETERIOUS MATERIALS SHOULD BE REMOVED FROM THE PROPOSED PAVED AREAS. THE EXPOSED SUBGRADE SHOULD BE INSPECTED AND APPROVED BY GEOTECHNICAL ENGINEER AND ANY SOFT AREAS EVIDENT SHOULD BE SUBEXCAVATED AND REPLACED WITH SUITABLE EARTH BORROW APPROVED BY THE GEOTECHNICAL ENGINEER. FOLLOWING APPROVAL OF THE PREPARATION OF THE SUBGRADE, THE PAVEMENT GRANULARS MAY BE PLACED.




**KEY PLAN - N.T.S.**

## LEGEND:

- EXISTING PROPERTY LINE TO REMAIN
- ×50.00 PROPOSED ELEVATION
- ×50.00 (SW) SWALE ELEVATION
- ×50.00 (BW) PROPOSED BOTTOM OF WALL ELEVATION
- ×50.00 (TW) PROPOSED TOP OF WALL ELEVATION
- ×50.00 (BC) PROPOSED BOTTOM OF CURB ELEVATION
- ×50.00 (TC) PROPOSED TOP OF CURB ELEVATION
- ×50.00 (ME) PROPOSED ELEVATION MATCH INTO EXISTING ELEVATION
- × 70.19 EXISTING ELEVATION
- PROPOSED RETAINING WALL(DESIGN BY OTHERS)
- PROPOSED SILT FENCE AS PER OPSD 219.110
- PROPOSED 200mmØ PERFORATED SUBDRAIN
- STM PROPOSED STORM SEWER
- SUB PROPOSED 250mmØ PERFORATED SUBDRAIN
- SAN PROPOSED SANITARY SEWER
- WTR PROPOSED WATERMAIN
- SAN EXISTING SANITARY SEWER
- WTR EXISTING WATERMAIN
- PROPOSED CATCHBASIN-MANHOLE/MANHOLE/AREA DRAIN
- PROPOSED WATER VALVE
- PROPOSED PIPE INSULATION
- PROPOSED 100 YEAR HIGH WATER LEVEL
- STORM WATERSHED EXTENT
- WS-XX CONTROLLED AREA — WATERSHED NAME, % IMPERVIOUS, AREA IN HECTARES
- PROPOSSED GRASS AREA. REFER TO LANDSCAPING
- PROPOSED CONCRETE FEATURES/SLAB
- PROPOSED HEAVY DUTY ASPHALT
- PROPOSED LIGHT DUTY ASPHALT
- PROPOSED GRAVEL AREA
- PROPOSED RIP RAP AS PER OPSD 810.010
- M PROPOSED WATER METER
- PROPOSED MAJOR OVERLAND FLOW ROUTE
- PROPOSED ROOF DRAIN OUTLET






LEGAL AND TOPOGRAPHIC SURVEY COMPLETED BY ARPENTAGE DUTRISAC SURVEYING INC.

BENCHMARK1: CONCRETE PIN LOCATED ON NORTH EAST CORNER OF THE SITE, ELEVATION: 87.63

BENCHMARK2: CONCRETE PIN LOCATED ON NORTH WEST CORNER OF THE SITE, ELEVATION: 87.72

| No. | REVISION DESCRIPTION | DATE |
|---|---|---|
| 1. | ISSUED FOR SPA | DEC. 2022 |
| 2. | AS PER ARCHITECT'S COMMENTS | DEC. 2022 |
| 3. | RE-ISSUED FOR SPA | JUN. 2023 |
| | | |
| | | |

ENGINEER STAMP

LICENSED PROFESSIONAL ENGINEER
J. RASH
100123062
PROVINCE OF ONTARIO

**BRIDOR DEVELOPMENTS**
**1592 TENTH LINE ROAD**
**CITY OF OTTAWA**

SITE GRADING PLAN

TATHAM ENGINEERING

| | | |
|---|---|---|
| DESIGN: HY/GC | FILE: 522677 | DWG: C200 |
| DRAWN: HY | DATE: NOV 2022 | |
| CHECK: GC | SCALE: 1:150 | |

D07-12-21-0084

18576

Drawing Name: 522677-SG01.dwg, Plotted: Jun 16, 2023