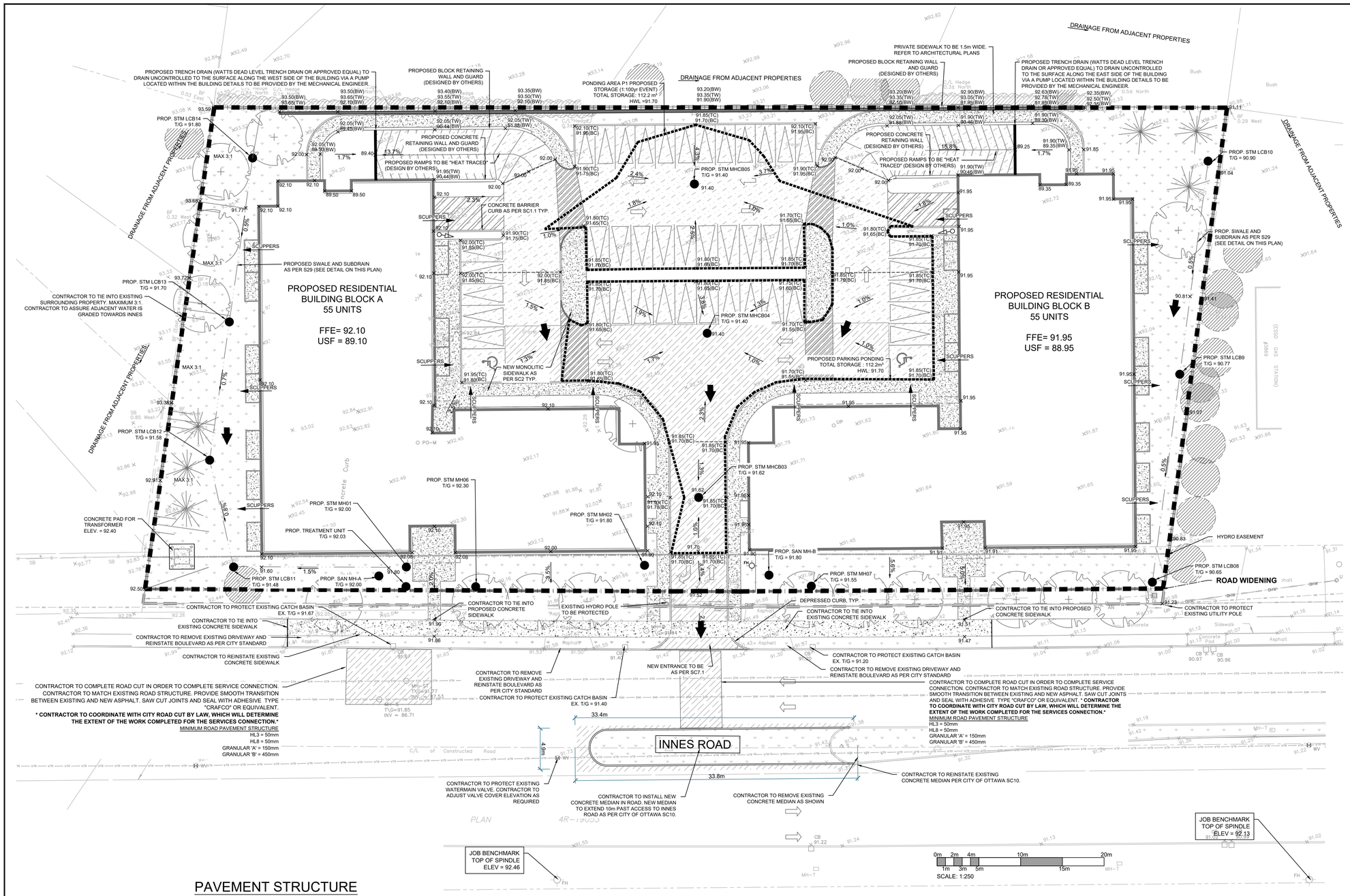
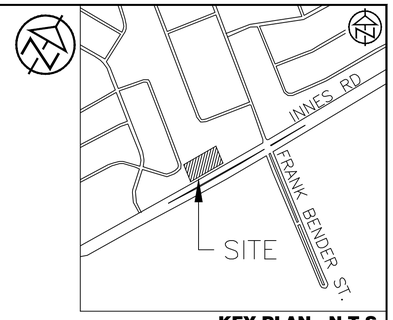
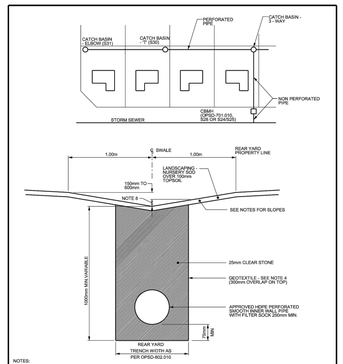



**KEY PLAN - N.T.S.**




NOTES:
1. SIDE SLOPE OF SWALE - MIN. 1.5%, MAX. 3:1.
2. LONGITUDINAL SLOPE OF SWALE WITHOUT PERFORATED PIPE 1.5% MIN.
3. LONGITUDINAL SLOPE OF SWALE WITH PERFORATED PIPE 0.5% MIN. WITH 1% OR GREATER PREFERRED.
4. UNDER DRIVEWAYS NON PERFORATED PIPE TO BE USED WITH 75mm BEDDING AND BACKFILLED WITH APPROVED NATIVE MATERIAL.
5. CB "T" TO BE SPACED ABOUT EVERY 20 TO 25m AND LOCATED 1m OFF REAR YARD AND SIDE YARD PROPERTY LINES.
6. CB ELBOW TO BE AT UPPER ENDS OF PERFORATED PIPE AND LOCATED 1m OFF REAR YARD AND SIDE YARD PROPERTY LINES.
7. GEOTEXTILE SHALL BE APPROVED NON-WOVEN CLASS 1 OR AS SPECIFIED.
8. MAXIMUM REAR YARD WATER DEPTH IS 300mm.

N.T.S.

| Ottawa | PERFORATED PIPE INSTALLATION FOR REAR YARD AND LANDSCAPING APPLICATIONS | DATE: | MARCH 2007 |
|---|---|---|---|
| | | REV. DATE: | MARCH 2017 |
| | | DWG. No. | S29 |

## PAVEMENT STRUCTURE

| COURSE | MATERIAL | THICKNESS (mm) LIGHT DUTY | THICKNESS (mm) HEAVY DUTY |
|---|---|---|---|
| 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 | 300 | 400 |

## PONDING TABLE

100 year storm HWL = 91.70

| PONDING AREA | VOLUME (m3) | DEPTH (mm) |
|---|---|---|
| P1 | 107.8 | 300 |

## LEGEND:

- EXISTING PROPERTY LINE TO REMAIN
- PROPOSED ENTRANCE
- ×50.00 PROPOSED ELEVATION
- ×50.00(TC) PROPOSED TOP OF CURB ELEVATION
- ×50.00(BC) PROPOSED BOTTOM OF CURB ELEVATION
- ×50.00 EXISTING ELEVATION
- PROPOSED OVERLAND MAJOR FLOW ROUTE
- PROPOSED SILT FENCE AS PER OPSD 219.130
- SUB PROPOSED 250mmØ PERFORATED SUBDRAIN
- STM PROPOSED STORM SEWER
- SAN PROPOSED SANITARY SEWER
- WTR PROPOSED WATERMAIN
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATERMAIN
- PROPOSED DRAINAGE STRUCTURE
- PROPOSED CURB STOP
- PROPOSED PIPE INSULATION AS PER W22
- PROPOSED 100 YEAR HIGH WATER LEVEL
- STORM WATERSHED EXTENT
- WS-XX CONTROLLER — WATERSHED NAME
- AREA — C/N# OR % IMPERVIOUS
- AREA IN HECTARES
- PROPOSSED GRASS AREA
- PROPOSED CONCRETE FEATURES/SLAB
- PROPOSED HEAVY DUTY ASPHALT
- PROPOSED LIGHT DUTY ASPHALT
- M PROPOSED WATER METER
- SC PROPOSED SIEMIESE CONNECTION
- PROPOSED DRAIN OUTLET

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BENCHMARK1: FIRE HYDRANT LOCATED ON SOUTH SIDE OF INNES ROAD, SOUTH OF SITE. TOP OF SPINDLE ELEV=92.46

BENCHMARK2: FIRE HYDRANT LOCATED ON SOUTH SIDE OF INNES ROAD, SOUTHEAST OF SITE(90.0m EAST FROM BENCHMARK 1) TOP OF SPINDLE ELEV=92.13

| No. | REVISION DESCRIPTION | DATE |
|---|---|---|
| 1. | ISSUED FOR SPA | OCT. 2022 |
| 2. | RE-ISSUED FOR SPA | APR. 2023 |
| 3. | RE-ISSUED FOR SPA | JUL. 2023 |
| | | |
| | | |

ENGINEER STAMP

LICENSED PROFESSIONAL ENGINEER J. R. ASH 100123062 PROVINCE OF ONTARIO July 17, 2023

**BRIDOR DEVELOPMENTS**
**3817-3843 INNES ROAD**
**CITY OF OTTAWA**

SITE GRADING PLAN

TATHAM ENGINEERING

| DESIGN: HY/GC | FILE: 522676 | DWG: C200 |
|---|---|---|
| DRAWN: HY | DATE: OCT 2022 | |
| CHECK: GC | SCALE: 1:250 | |

D07-12-20-0164

18285

Drawing Name: 522676-SG01.dwg, Plotted: Jul 17, 2023