DWG NAME/FILE NO: C7112-5 CO-10 (5 OF 7)
CITY OF GREATER SUDBURY
SUDBURY AREA

PROPERTY DISCLAIMER: The underlying parcel fabric represents approximate boundaries only and should be verified by an O.L.S.

4. All sanitary sewer connections are 100mm PVC SDR28 unless otherwise noted.
5. All sanitary and storm sewer elevations are inverts unless otherwise noted.

NOTES: 1. All dimensions are in metres unless otherwise noted.
2. |__| denotes basement floor elevation, with house number.
3. All water connections are 20mm Cu, unless otherwise noted.

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DISCLAIMER OF WARRANTY: The data is provided "as is", without warranty of any kind either expressed or implied. Any and all liabilities for claims, direct or indirect, howsoever caused, and regardless of legal theory of the user relating in any way to the supplied data is the full and final responsibility of the user.

ARMSTRONG STREET

PIN BLOCK 73478 M-403 M-237 PIN BLOCK 73593

PIN 0507 LOT 1 | PIN 0386 LOT 11 | PIN 0384 LOT 12 | PIN 0391 LOT 13 | PIN 0392 LOT 14 | PIN 0383 LOT 15

MH 506 STA 0+014.8 o/s 5.0 LT
STA 0+010.2 o/s 1.9 RT
HYD 404 c/w VB & TEE STA 0+044.3 o/s 8.2 LT
MH 507 STA 0+043.4 o/s 4.6 LT
150mm SAN SEWER
ASPHALT GUTTER OUTLET SEE DETAILS ON PAGE 7
11.3m-450mm CONC 100-D STM SEWER @ 0.20% GR
REMOVE & REPLACE 200mm SAN SEWER
10.9-450mm CSP
HYD 405 c/w VB & TEE STA 0+118.0 o/s 6.5 LT
C/L CONST & ROAD
11.6-450mm CSP
REMOVE & REPLACE 200mm SAN SEWER
MH 508 STA 0+131.4 o/s 5.0 LT
MH 17971 STA 0+791.8 o/s 6.7 LT
BLOW-OFF
45° BEND STA 0+796.6 o/s 7.3 LT
VB 78429 STA 0+818.2 o/s 7.5 LT
MH 19484 STA 0+908.5 o/s 7.2 LT
22 1/2° BEND
CONNECT TO EXIST WM
VB 302 STA 0+003.6 o/s 7.4 RT
11 1/4° BEND STA 0+008.0 o/s 6.6 RT
22 1/2° BEND STA 0+021.7 o/s 1.1 RT
9.4-450mm CSP
8.2-450mm CSP
RIP-RAP R10 w/ GEOTEXTILE
ROCK FACE
MATCH LINE STA 0+140
SEE PAGE 6

LOT 167 PIN 0466 | LOT 10 PIN 0381 | LOT 9 PIN 0385 | LOT 8 PIN 0127 | LOT 7 PIN 0387 | LOT 6 PIN 0393

NOTE: REFER TO PAGE 7 FOR TYPICAL SECTIONS, NOTES, DETAILS & LEGEND

NOTE: LOCATION OF ALL EXISTING UTILITIES ARE APPROXIMATE ONLY & MUST BE CONFIRMED IN THE FIELD

NOTE: ALL PROPOSED WATER SERVICES ARE 20mm Cu UNLESS OTHERWISE NOTED. REMOVE & REPLACE ALL SB's. ALL PROPOSED SANITARY SEWER SERVICES ARE 125mm PVC UNLESS OTHERWISE NOTED. CONTRACTOR TO CONFIRM EXISTING SERVICE SIZES & REPORT ANY INCONSISTENCIES TO THE GENERAL MANAGER PRIOR TO PROCEEDING WITH THE WORK.

SCALE 10 0 10

ROCK PROBE NOTES:
X DENOTES ROCK REFUSAL
WHERE NO REFUSAL WAS ENCOUNTERED ROCK PROBE WAS TAKEN TO 4.0m DEPTH

0.3m @ -3.48% GR | 8.5m @ -3.53% GR | 3.9m @ -6.68% GR | 13.0m @ 1.01% GR | 19.1m @ 2.55% GR

PVI STA: 0+011.69 PVI ELEV: 271.74 K=5.7 LVC=14.32
PVI STA: 0+023.23 PVI ELEV: 271.05 K=3.6 LVC=8.74
PVI STA: 0+043.43 PVI ELEV: 270.34 K=4.7 LVC=14.74
PVI STA: 0+068.89 PVI ELEV: 268.63 K=3.7 LVC=28.42
PVI STA: 0+131.40 PVI ELEV: 269.81 K=4.2 LVC=32.27

VB 302 BVCS: 0+004.53 BVE: 271.90
BVCS: 0+018.86 BVCE: 271.31
EVCS: 0+018.25 EVCE: 271.11
EVCS: 0+027.60 EVCE: 270.90
BVCS: 0+036.06 BVCE: 270.60
EVCS: 0+050.80 EVCE: 269.84
BVCS: 0+054.68 BVCE: 269.58
EVCS: 0+083.10 EVCE: 268.78
BVCS: 0+115.27 BVCE: 269.40

VPI STA 0+011.7 ELEV 271.74
VPI STA 0+023.2 ELEV 271.05
VPI STA 0+043.4 ELEV 270.34
VPI STA 0+068.9 ELEV 268.63
VPI STA 0+131.4 ELEV 269.81

LIMIT OF FULL DEPTH CONSTRUCTION STA 0+018.7
TOP ASPH C/L ROAD
C/L ROAD PROFILE
28.6m-150mm SAN @ 2.97% GR
450mm STM SEWER
375mm CSP STM @ 1.96% GR
INV 268.33
BTM GRAN C/L CONST
TOP 200mm PVC WM
53.7-200mm AC/VC SAN @ 1.55% GR
88.1m-200mm SAN @ 0.96% GR
840mm
10:1

MH 506 | TOP 271.60 | N INV 267.50 | OPSD 701.010 | AUTO-STABLE F&C
MH 507 | TOP 270.25 | N INV 266.60 | S INV 266.65 | OPSD 701.010 | AUTO-STABLE F&C
MH 508 | TOP 269.01 | N INV 265.70 | S INV 265.75 | OPSD 701.010 | AUTO-STABLE F&C

MH 17971 | TOP 271.49 | N 268.52 S 269.79 | SERV
VB 78429 | TOP 270.25 | T/SP 267.56 | SERV?
MH 19485 | TOP 270.21 | S 267.31 N 267.30 S 268.36 S 267.78
MH 19484 | TOP 269.58 | S 266.46 N 266.46

FINAL TOP OF ASPH ELEV AT C/L CONST
PROPOSED TOP OF WATERMAIN ELEVATIONS

CHAINAGE	0+000	0+015	0+030	0+045	0+060	0+075	0+090	0+105	0+120	0+135	0+140
		268.95	268.49	267.78	266.82	266.32	266.42	266.72	267.06	267.00	266.87
		271.53	270.81	270.20	269.27	268.79	268.85	269.14	269.49	269.44	269.30

NOTE: "CO" CHANGES TO "AD" FOR AN ADDENDUM. "CHANGE ORDER" BECOMES "ADDENDUM"

BLDG NO. 1910 TO 1869

REVISIONS		
DATE	DETAILS	BY
2025-03-08	ISSUED FOR TENDER	TPG
2025-03-19	ADDENDUM No. 3 (3) REVISED WM LOCATION	KLB
2025-03-19	CHANGE ORDER No. 7 (7) REVISED SANITARY SEWER	KLB
2025-03-19	CHANGE ORDER No. 10 (10) REVISED STM CLASSIFICATION & DITCH ELEV	KLB

CAUTION
- ALL UTILITIES ARE NOT NECESSARILY SHOWN ON THIS DRAWING.
- WHERE UTILITIES ARE SHOWN, LOCATIONS ARE NOT GUARANTEED
- LOCATION & SIZE OF ALL UTILITIES MUST BE VERIFIED IN THE FIELD.

DATE: 2025-02-24
DRAWN: KLB
DESIGNED:
CHECKED:
ENGINEER:
APPROVED:

Greater Grand Sudbury

PLAN & PROFILE

ARMSTRONG STREET
STA 0+000 TO STA 0+140
AT SOUTH END
SUDBURY AREA

SCALE: 1:250 HOR. 1:50 VER.
CONTRACT NO: ENG23-1
CHANGE ORDER No. 10
CAD/FILE NUMBER: C7112-5 CO-10 (1 OF 2)
PAGE NO.: 5 OF 7