NOTE:
A GEOTECHNICAL ENGINEER LICENSED IN THE PROVINCE OF ONTARIO IS TO INSPECT ALL SUBGRADE SURFACES FOR FOOTING AND PAVEMENT STRUCTURES PRIOR TO CONSTRUCTION

NOTE:
ALL EXISTING POST & WIRE FENCE, CULVERTS, UTILITY WIRE / POLES, TREES, SHRUBS ETC. WITHIN LOTS, BLOCKS AND ROADS TO BE REMOVED, UNLESS OTHERWISE NOTED

NOTE RE: PERFORATED PIPE
PERFORATED PIPE IS REQUIRED FOR SWALE SLOPE LESS THAN 1.5% REFER TO CITY STD. S29, S30 FOR REAR YARD TRENCH AND PIPE DETAIL ONLY

NOTE:
ALL SWALES SHALL BE 0.15m DEEP WITH 3:1 SIDE SLOPES UNLESS OTHERWISE INDICATED

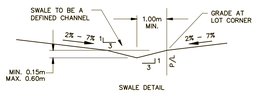
NOTE:
FOR CROSS SECTIONS REFER TO DRAWING No. 86 AND 87.

ANY DISTURBED AREA DURING CONSTRUCTION TO BE RESTORED TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION

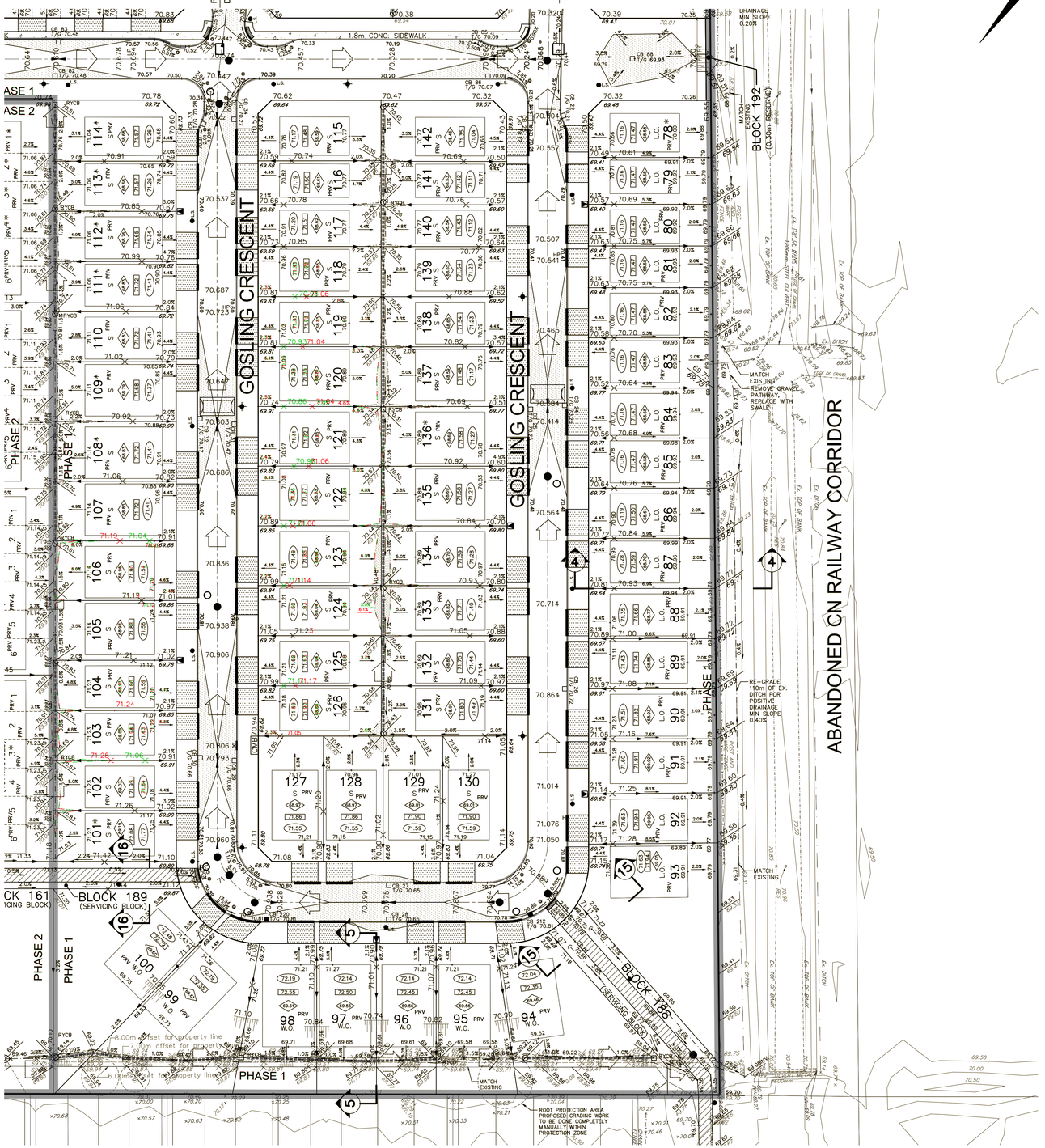
CONTRACTOR TO VERIFY THE PRECISE LOCATIONS AND INVERT ELEVATIONS OF Ex. UNDERGROUND SERVICES AND Ex. UTILITIES PRIOR TO STARTING CONSTRUCTION

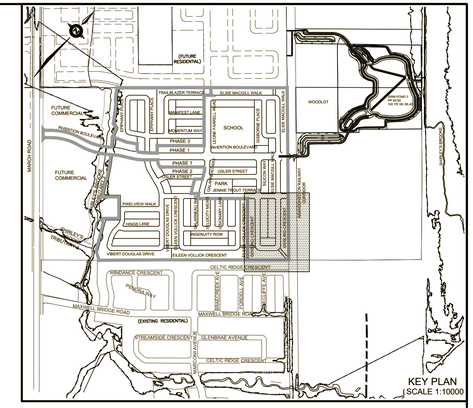
PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS

FOR LOTS REQUIRING AMENDED TOPSOIL REFER TO PATERSON GROUP MEMO PG4554-MEMO.20 DATED AUGUST 9, 2022



TYPICAL GRADE CONTROL SWALE
N.T.S.





LEGEND

- PROPOSED ELEVATION — 103.45
- EXISTING ELEVATION — *102.73*
- FUTURE ELEVATION — [93.900]
- PROPOSED SWALE GRADE — 1.5%
- HIGH POINT — 102.16
- STREET CATCHBASIN
- STREET CATCHBASIN WITH CLOSED LID
- CATCHBASIN MANHOLE
- TEE CATCHBASIN
- ELBOW CATCHBASIN
- HYDRANT, VALVE & VB
- VALVE & VC
- VALVE & VB
- BUILDING ENVELOPE
  - TOP OF FOUNDATION (TOF) — 94.70
  - FINISHED FLOOR ELEVATION (FFE) — 95.00
  - UNDERSIDE OF FOOTING ELEVATION (USF) — 92.00
  - UNITS REQUIRING WATER PRESSURE REDUCING VALVES — PRV
  - WALKOUT UNITS — W.O.
  - SLAB ON GRADE — SOG
  - UNIT THAT REQUIRES ENGINEERED PAD EXTENSION (REFER TO PATERSON MEMO PG4554.MEMO12 REVISION 6 DATED AUGUST 24, 2022) — *
- HYDRO SWITCHGEAR
- HYDRO TRANSFORMER
- STREET LIGHT STANDARD — SL
- TACTILE WALKING SURFACE INDICATOR (AS PER CITY OF OTTAWA STD. SC6)
- PREVIOUS PHASES / PHASES NOT PART OF CURRENT GRADING APPROVAL
- UNITS REQUIRING WATER PRESSURE REDUCING VALVES — PRV
- PROPOSED COMMUNITY MAILBOX LOCATION — CMB
- OVERLAND FLOW DIRECTION
- EXTERNAL OVERLAND FLOW DIRECTION
- EMERGENCY OVERLAND FLOW DIRECTION
- RETAINING WALL AND ELEVATIONS — T/W=103.10 B/W=102.44
- CHAINLINK FENCE (1.5m UNLESS OTHERWISE NOTED)
- NOISE BARRIER (3.0m UNLESS OTHERWISE NOTED)
- DECORATIVE FENCE (SEE LANDSCAPE DWGS FOR DETAIL)
- CONSTRUCTION FENCE
- PROPERTY BOUNDARY
- REGULATORY LIMIT
- 3:1 TERRACING MAXIMUM SLOPE — 100.00 / 99.25
- PONDING AREA WITH SPILLWAY ELEVATION (MAXIMUM 0.30m) — 99.55
- 250ø PVC PERFORATED PIPE (REFER TO CITY STD S29 FOR REAR YARD TRENCH AND PIPE DETAILS ONLY) (SUBDRAIN APPLIED FOR SLOPE LESS THAN 1.5%)
- CLAY SEAL (REFER TO GENERAL NOTES, No.18, ON DWG. No. 1, AND GEOTECHNICAL CONSULTANT'S SPECIFICATIONS)
- SPEED HUMP (AS PER CITY OF OTTAWA STD. R19)
- RAISED CROSSWALK (AS PER CITY OF OTTAWA STD. R15)
- FIRE WALL LOCATION – SEE ARCHITECTURAL DRAWINGS FOR DETAILS

No.	BY	DATE	DESCRIPTION
28	S.N.M.	24-02-10	UPDATED PATHWAY GEOMETRIC ROAD DESIGN
26	B.N.C.	23-12-08	UPDATED SIDEWALK ALIGNMENT AND ROAD DESIGN
25	B.N.C.	23-10-06	UPDATED SIDEWALK ALIGNMENT
24	S.N.M.	23-08-30	UPDATED SIDEWALK GEOMETRIC ROAD DESIGN
23	S.L.M.	23-06-20	UPDATED GEOMETRIC ROAD DESIGN

TOPOGRAPHIC INFORMATION

STANTEC GEOMATICS LIMITED PROJECT NUMBER 161613877–111 DATED MARCH 30, 2021.

LEGAL INFORMATION

CALCULATED M–PLAN PROVIDED BY STANTEC GEOMATICS LTD, PROJECT NUMBER 161613877–132 PHASE 1, RECEIVED APRIL 11, 2022 & PHASE 2, RECEIVED SEPTEMBER 29, 2021

BENCH MARK

ELEVATIONS ARE REFERRED TO THE CANADIAN GEODETIC VERTICAL DATUM (CGVD–1928:1978) AND ARE DERIVED FROM THE CAN–NET VRS NETWORK MONUMENT: OTTAWA ELEVATION= 95.23 METRES.

MINTO GROUP

MINTO BROOKLINE PHASE 1 & 2

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www.DSEL.ca

LICENSED PROFESSIONAL ENGINEER S. L. MERRICK 100186523 2024-02-10 PROVINCE OF ONTARIO

CITY OF OTTAWA

GRADING PLAN

© DSEL

DRAWN BY: G.G.G.	CHECKED BY: S.L.M.	PROJECT No.	17–982
DESIGNED BY: G.G.G.	CHECKED BY: S.L.M.		
SCALE: HORIZ. 1:500 (0, 10, 20)		SHEET No.	64

CITY PLAN No. 18694
CITY FILE No. D07-16-18-0032