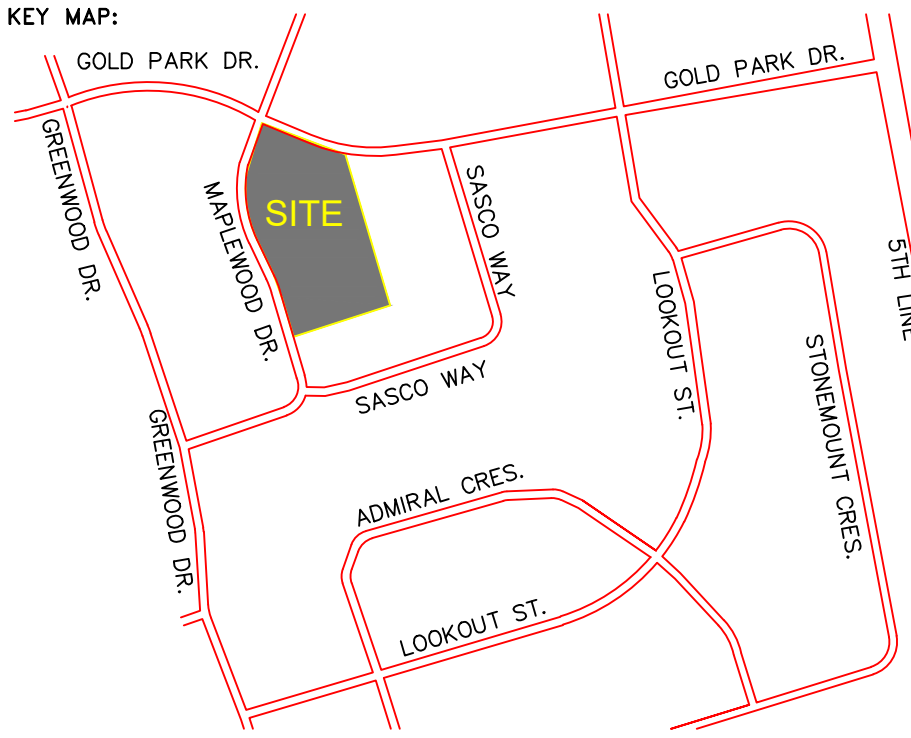


CONTRACTORS NOTES AND PRIOR TO CONSTRUCTION:

1. AT THE TIME OF TENDER, THE CONTRACTOR SHALL REVIEW THE DRAWINGS AND INVESTIGATE ALL EXISTING SERVICES, WATERMAINS, UTILITIES AND SEWERS AT POINTS OF CROSSING TO THEIR SATISFACTION AND MODIFY THEIR QUOTATION ACCORDINGLY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE ADJUSTMENT OF ALL UTILITIES, SEWERS AND WATERMAINS AS REQUIRED TO COMPLETE THE CONSTRUCTION OF THE SITE SERVICING. THE CONTRACTOR SHALL REPORT IMMEDIATELY TO THE TOWNSHIP OF ESSA AND GREENLAND INTERNATIONAL CONSULTING LIMITED ANY DISCREPANCIES FOUND ON THIS DRAWING.
2. THE CONTRACTOR AND THEIR SUPPLIERS SHALL ALLOW FOR THE DESIGN AND INCORPORATION OF COUNTER BUOYANCY MEASURES FOR ALL SUBSURFACE SERVICING STRUCTURE.
3. CONTRACTOR SHALL SECURE A ROAD OCCUPANCY PERMIT FROM THE MUNICIPAL WORKS DEPARTMENT PRIOR TO ANY WORK WITHIN THE MUNICIPAL RIGHT-OF-WAY.
4. UPON COMPLETION OF THE SEWER INSTALLATION THE CONTRACTOR SHALL COMPLETE TESTING AS REQUIRED WHICH WILL INCLUDE, BUT NOT BE LIMITED TO, CCTV, DEFLECTION, INFILTRATION / EXFILTRATION AND AIR TESTING. THE WATERMAIN SHALL ALSO BE TESTED FOR CONTINUITY, PRESSURE AND CHLORINATION BY A QUALIFIED THIRD PARTY FIRM. ALL TESTING SHALL BE IN ACCORDANCE WITH APPLICABLE MUNICIPAL AND ONTARIO BUILDING CODE STANDARDS. RESULTS SHALL BE FORWARDED TO THE TOWNSHIP OF ESSA AND GREENLAND INTERNATIONAL CONSULTING LIMITED FOLLOWING THE TEST. THE CONTRACTOR SHALL ALSO SUBMIT AS-BUILT ELEVATIONS AND LOCATIONS OF THE SERVICING AND GRADING IMMEDIATELY FOLLOWING CONSTRUCTION OF EACH STAGE OF WORK.
5. ALL EARTH MOVING OPERATIONS SHALL BE COMPLETED IN ACCORDANCE WITH O.R.G. 406 /19, REGARDING THE MANAGEMENT OF EXCESS SOIL. FILL MATERIAL SHALL BE CHEMICAL TESTED TO DETERMINE SUITABILITY TO PROVINCIAL STANDARDS FOR INTENDED USE / DESTINATION. THE CONTRACTOR SHALL BE HELD RESPONSIBLE TO PROPERLY DISPOSE OF UNSUITABLE OR CONTAMINATED MATERIALS.

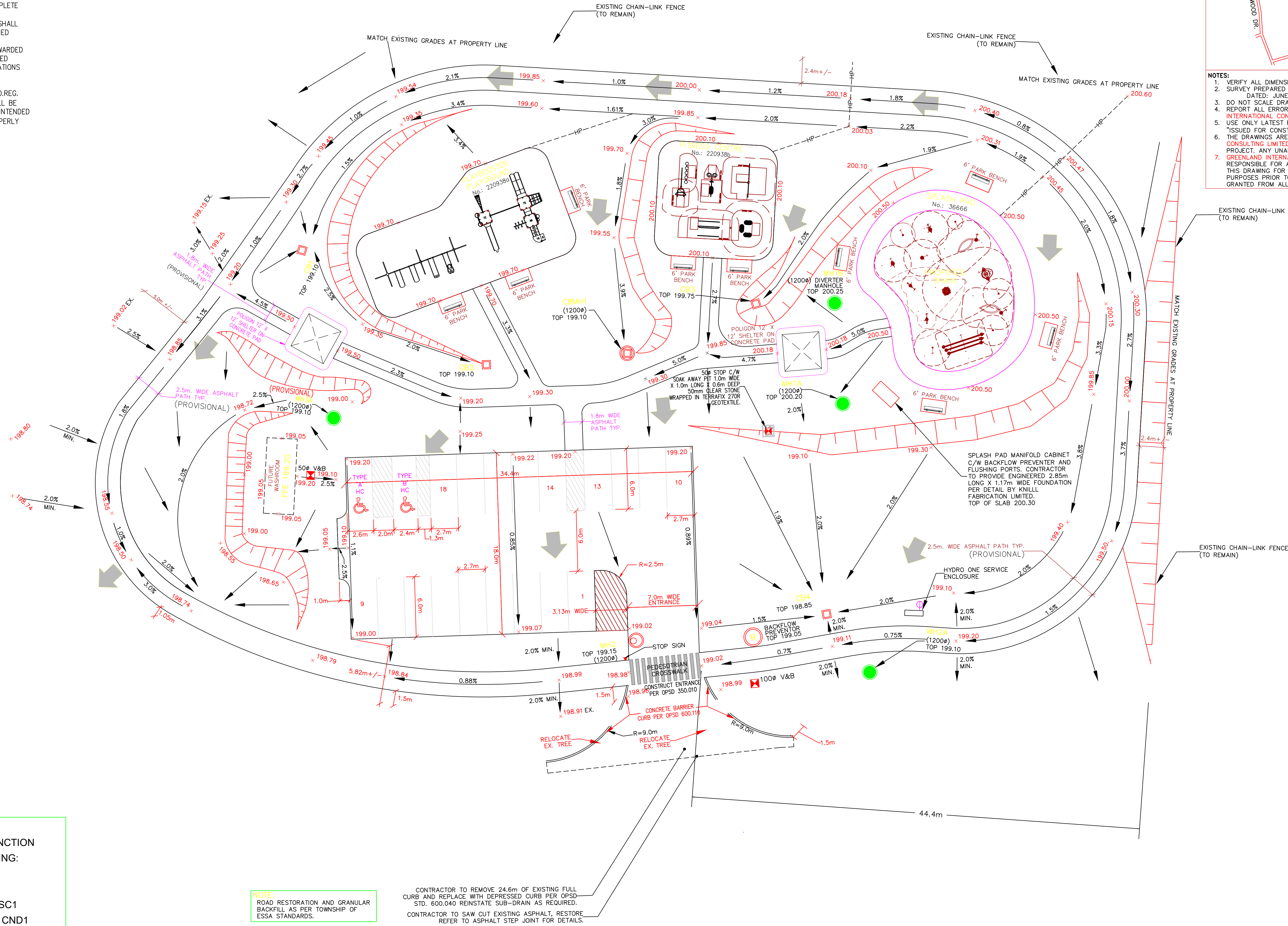
NOTE:
CONTRACTOR TO SUBMIT A FOUNDATION AND SLAB DESIGN FOR THE POLYGON STRUCTURES SEALED BY A STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION FOR APPROVAL

BENCH NOTE:
9 (NINE) BENCHES - 6' PARK / PLAYERS BENCH WITH BACK WOOD PLANKS, IN-GROUND MOUNT
MODEL: 772-6-GP



- NOTES:
1. VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
 2. SURVEY PREPARED BY: BETTER MEASURES DATED: JUNE 17, 2023.
 3. DO NOT SCALE DRAWINGS.
 4. REPORT ALL ERRORS, OMISSIONS OR DISCREPANCIES TO GREENLAND INTERNATIONAL CONSULTING LIMITED IMMEDIATELY UPON DISCOVERY.
 5. USE ONLY LATEST REVISED DRAWINGS OR THOSE THAT ARE MARKED "ISSUED FOR CONSTRUCTION".
 6. THE DRAWINGS ARE THE PROPERTY OF GREENLAND INTERNATIONAL CONSULTING LIMITED AND MUST BE RETURNED ON COMPLETION OF THE PROJECT. ANY UNAUTHORIZED USE OF THIS PLAN IS PROHIBITED.
 7. GREENLAND INTERNATIONAL CONSULTING LIMITED SHALL NOT BE HELD RESPONSIBLE FOR ANY DAMAGES WHICH MAY ARISE FROM THE USE OF THIS DRAWING FOR TENDER, ESTIMATING, CONSTRUCTION OR OTHER PURPOSES PRIOR TO FINAL APPROVAL AND PRIOR TO PERMITS BEING GRANTED FROM ALL AUTHORITIES HAVING JURISDICTION.

NOTE:
BENCHES SHALL BE 6FT LONG AS PER DWG No. 58 SERIES SHEET 1 & 2 SUPPLIED BY DUMOR INC. ALL BENCHES SHALL BE ANCHORED TO A 1.3m WIDE X 2.45m LONG CONCRETE PAD DESIGNED BY A STRUCTURAL ENGINEER. REFER TO DWG No. 23031-GD2 FOR DETAILS.



NOTE:

ALL DRAWINGS IN THIS SET SHALL BE READ IN CONJUNCTION WITH EACH OTHER. DRAWINGS INCLUDE THE FOLLOWING:

1. SITE GRADING PLAN - 23031 - GR1
2. SITE SERVICING PLAN 23031 - SS1
3. EROSION & SEDIMENT CONTROL PLAN - 23031 - ESC1
4. CONSTRUCTION NOTES & DETAILS PLAN - 23031 - CND1
5. CONSTRUCTION PARK DETAILS PLAN - 23031 - CD2

NOTE:
ROAD RESTORATION AND GRANULAR BACKFILL AS PER TOWNSHIP OF ESSA STANDARDS.

CONTRACTOR TO REMOVE 24.6m OF EXISTING FULL CURB AND REPLACE WITH DEPRESSED CURB PER OPSD STD. 600.040 REINSTATE SUB-DRAIN AS REQUIRED. CONTRACTOR TO SAW CUT EXISTING ASPHALT, RESTORE REFER TO ASPHALT STEP JOINT FOR DETAILS.

TEMPORARY BENCH MARK:

- TBM 1: SET ON CUT CROSS S.E. CORNER OF CONCRETE PAD OF TRANSFORMER. 199.08m
- TBM 2: SET ON CUT CROSS S.E. CORNER OF CONCRETE PAD OF TRANSFORMER. 198.76m

LEGEND:

- PROPERTY LINE
- EXISTING ELEVATION
- PROPOSED ELEVATION
- EXISTING SHEET FLOW
- PROPOSED SHEET FLOW
- EXISTING STORM MANHOLE
- PROPOSED CATCHBASIN MANHOLE
- EXISTING SINGLE/DOUBLE CATCHBASIN
- PROPOSED SINGLE/DOUBLE CATCHBASIN
- EXISTING SANITARY MANHOLE
- PROPOSED SANITARY MANHOLE



EXISTING VALVE & BOX
PROPOSED VALVE & BOX
EXISTING HYDRANT & VALVE
PROPOSED HYDRANT & VALVE

MAJOR SYSTEM OVERLAND FLOW ROUTE

PROPERTY LINE / MATCH EXISTING

PROPOSED SWALE ELEVATION

BACKFLOW PREVENTER 2 1/2 TO 10"

WARTS SERIES 757 DOUBLE CHECK VALVE ASSEMBLY OR APPROVED EQUIVALENT

NO.	REVISIONS	DATE	INITIAL
11	ISSUED FOR CONSTRUCTION	2024/05/28	B.K.
10	REVISED SANITARY CONNECTION, HYDRO AND INVERTS	2024/04/08	B.K.
9	ISSUED FOR TENDER - ADDENDUM ELECTRICAL EA-01	2024/03/18	B.K.
8	ISSUED FOR TENDER	2024/03/01	B.K.
7	ADJUSTED PARKING LOT AND ENTRANCE	2024/02/14	B.K.

SCALE: 1:200

DESIGN: P.E.

DRAWN: B.K.

CHECKED: J.M.

DATE: 2022/11/30

TOWNSHIP OF ESSA

MAPLEWOOD PARK
191 MAPLEWOOD DRIVE, TOWNSHIP OF ESSA

SITE GRADING PLAN

CONTRACT No.

DWG. No. 23031-GR1

GREENLAND Consulting Engineers
120 Hume Street
Collingwood, Ontario, L9Y 1V5
Tel: (705) 444-8805
Fax: (705) 444-5482
E-mail: greenland@grmland.com
Website: www.grmland.com