PAVEMENT DESIGN

40mm SUPERPAVE 12.5 ASPHALTIC CONCRETE
50mm SUPERPAVE 19.0 ASPHALTIC CONCRETE
150mm OPSS GRANULAR A CRUSHED STONE
400mm OPSS GRANULAR B TYPE II

GRADING AND SERVICING FOR ADJECENT CONDO BLOCK WEST OF PROPERTY PER IBI GRADING AND SERVICING PLANS, RECEIVED AUGUST 8, 2021.

GRADING FOR SUBDIVISION PER IBI PROJECT No. 27970 – REV 16, DATED JUNE 27, 2019.

SERVICING FOR SUBDIVISION PER IBI PROJECT No. 27970 – REV 18, DATED JANUARY 11, 2019.

COMPOSITE UTILITY PLAN OF SUBDIVISION PER IBI PROJECT No. 27970 – REV 7, DATED NOVEMBER 29, 2018.

NOTE:
ALL EXISTING BUILDINGS, BARNS, POST & WIRE FENCES, TREES, UTILITY WIRES, POLES AND CULVERTS WITHIN LOTS AND BLOCKS TO BE REMOVED, UNLESS OTHERWISE NOTED

NOTE
UNDERGROUND STORAGE TANK VOLUMES EXCLUDE VOLUME IN THE BASE STONE BELOW THE INVERT OF THE STORAGE TANK

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

WRITTEN PERMISSION REQUIRED FOR WORK ON ADJACENT LANDS

NOTE
FOR WATERMAIN STUBS, 2.4m MIN. COVER TO BE PROVIDED

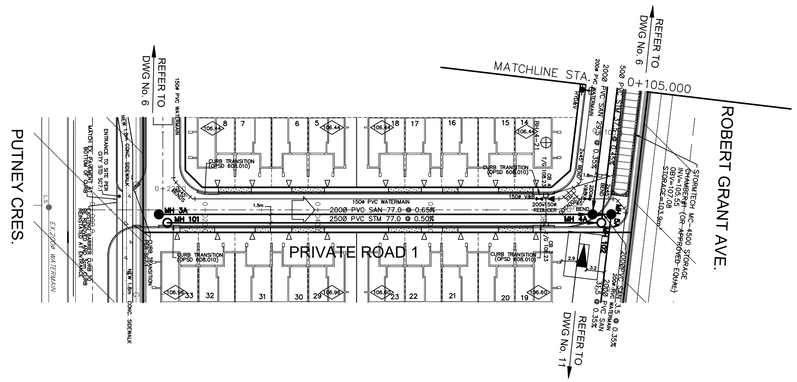
NOTE:
ALL WATERMAIN CONNECTIONS AND DECOMMISSIONING OF EXISTING WATERMAINS TO BE COMPLETED BY CITY FORCES. TRENCH BACKFILL/REINSTATEMENT TO BE COMPLETED BY THE CONTRACTOR TO THE SATISFACTION OF THE CITY OF OTTAWA.

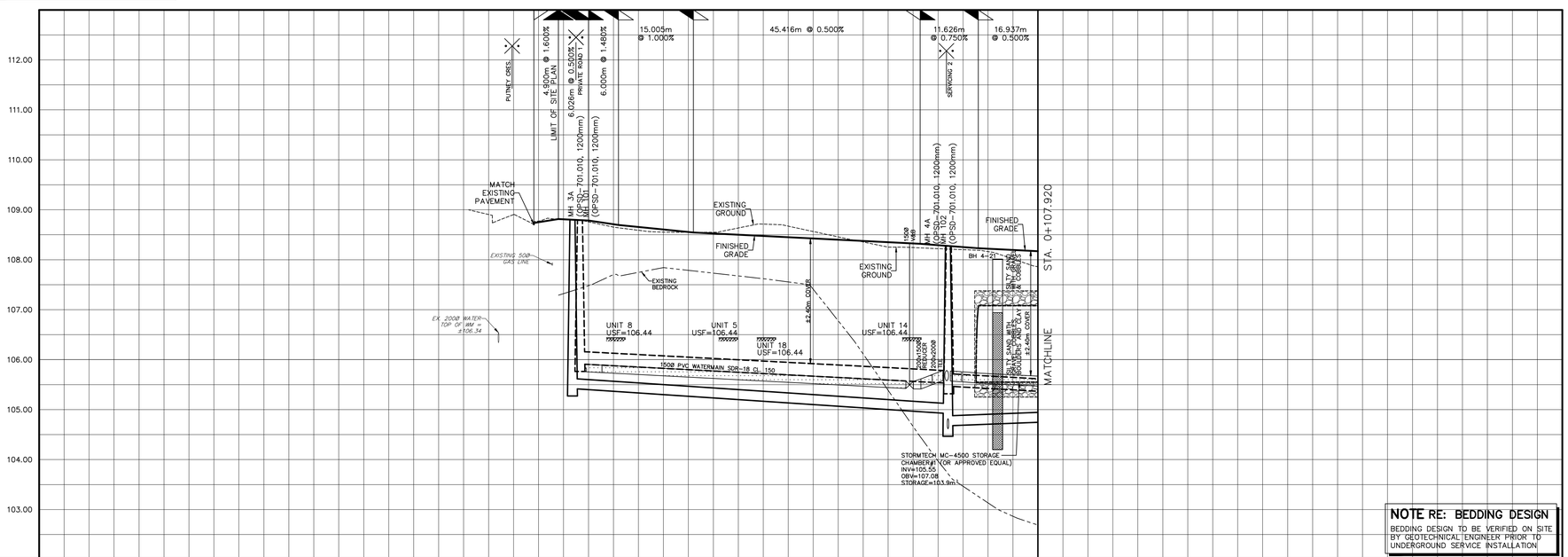
NOTE:-RE: TEST PIT/BOREHOLE EXCAVATIONS
ANY DISTURBED MATERIAL ENCOUNTERED BELOW THE SUBGRADE LEVEL WITHIN A BUILDING FOOTPRINT TO BE SUB-EXCAVATED AND BACKFILLED WITH COMPACTED ENGINEERED FILL AS PER GEOTECHNICAL ENGINEERS RECOMMENDATION.

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

NOTE: CB
FOR CATCHBASIN INFORMATION, REFER TO DRAWING No. 3 FOR DETAIL.

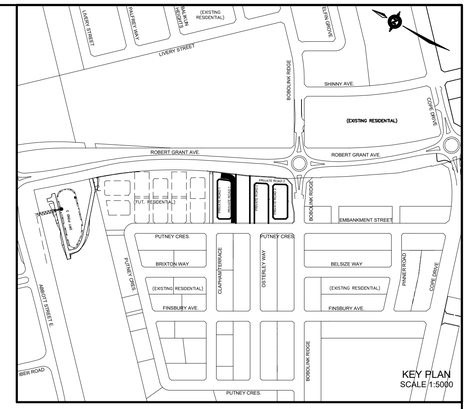
NOTE
FOR WATERMAIN LAYOUT AT DEAD-END STREETS REFER TO CITY STD. W37.2





NOTE RE: BEDDING DESIGN
BEDDING DESIGN TO BE VERIFIED ON SITE BY GEOTECHNICAL ENGINEER PRIOR TO UNDERGROUND SERVICE INSTALLATION

TOP OF WATERMAIN	105.907, 105.890, 105.860, 105.774, 105.669, 1500 VAB, 105.774, 200x150 RED, 105.657, 105.589, 45° BEND, 105.648, 200x150 RED, 105.731, 105.696
SANITARY INVERT	NE 105.422; 200Ø PVC SAN 77.0 @ 0.65% SDR-35; SW 104.921, NE 104.616, N 104.676; 200Ø PVC SAN 29.5 @ 0.35% SDR-35
STORM INVERT	NE 105.913; 250Ø PVC STM 77.0 @ 0.50% SDR-35; SW 105.528, N 105.468; 250Ø PVC STM 37.5 @ 0.45% SDR-35
PROPOSED GRADES	108.736, 108.814, 108.797, 108.784, 108.700, 108.700, 108.545, 108.525, 108.425, 108.325, 108.318, 108.275, 108.231, 108.196
CENTERLINE CHAINAGE	0+000.000, 0+004.074, 0+008.974, PI 0+012.500, 0+015.000, 0+020.000, 0+020.000, 0+036.005, 0+040.000, 0+060.000, 0+080.000, BC 0+081.421, 0+087.126, EC 0+093.047, 0+100.000, 0+105.000



LEGEND

CROSS
45° BEND
LATERAL
HYDRANT, VALVE & VB
TEE
VALVE & VC
VALVE & VB
22.5° BEND
11.25° BEND
REDUCER
CAP
SANITARY MAINTENANCE HOLE
CAP
STREET CATCHBASIN & LEAD
STREET CATCHBASIN WITH CLOSED LID & LEAD
STORM MAINTENANCE HOLE
CURB INLET CATCHBASIN & LEAD
CATCHBASIN/ MAINTENANCE HOLE
INTERCONNECTED CATCH BASIN & LEADS
CAP
SINGLE SERVICE LOCATION (ST, SAN & WM)
SINGLE SERVICE LOCATION (ST, SAN & WM)
TEE CATCHBASIN
PERFORATED PIPE
ELBOW CATCHBASIN
DITCH AND CULVERT

305mm ø WM; V&C; V&B; 200mm ø SAN; MH202A; 375mm ø ST; MH202; CBMH201; 600ø CSP

HYDRO TRANSFORMER
STREET LIGHT STANDARD
CONCRETE SIDEWALK
CURB & DEPRESSED CURB
ASPHALT SIDEWALK
CHAINLINK FENCE (1.5m UNLESS OTHERWISE NOTED)
NOISE BARRIER (2.5m UNLESS OTHERWISE NOTED)
DECORATIVE FENCE (SEE LANDSCAPE DWGS FOR DETAIL)
CONSTRUCTION FENCE
POST AND RAIL FENCE
PHASING LIMITS
PROPERTY BOUNDARY
BOREHOLE (BH)
TEST PIT (TP)
AUGER HOLE (AH)
MONITORING WELL LOCATION
CONCEPTUAL WELL LOCATION
AS PER GEOTECHNICAL REPORT
TOP OF FOUNDATION ELEVATION
FINISHED FLOOR ELEVATION
UNDERSIDE OF FOOTING ELEVATION
NUMBER OF RISERS
UNITS REQUIRING PRESSURE REDUCING VALVES
WALKOUT UNITS
SLAB ON GRADE
OVERLAND FLOW DIRECTION
EXTERNAL OVERLAND FLOW DIRECTION
EMERGENCY OVERLAND FLOW DIRECTION
DEVELOPMENT NOT PART OF THIS APPLICATION

NOT FOR CONSTRUCTION

No.	BY	DATE	DESCRIPTION
2	S.L.M.	22-06-10	2nd SUBMISSION
1	S.L.M.	22-01-13	1st SUBMISSION

TOPOGRAPHIC INFORMATION
TOPOGRAPHIC INFORMATION PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD. PROJECT No. 22111-21 RECEIVED JUNE 24, 2021

LEGAL INFORMATION
CALCULATED M-PLAN PROVIDED BY ANNIS, O'SULLIVAN, VOLLEBEKK LTD., PROJECT No. 22111-21, RECEIVED MAY 17th, 2022.

BENCH MARK
SITE BENCHMARK #1, FIRE HYDRANT TOP OF SPINDLE
ELEVATION = 109.78m
SITE BENCHMARK #2, CP IN ASPHALT
ELEVATION = 109.09

TAMARACK HOMES

BOBOLINK RIDGE
BLOCK 343

DSEL
120 Iber Road Unit 103
Stittsville, Ontario, K2S 1E9
Tel. (613) 836-0856
Fax. (613) 836-7183
www.DSEL.ca

LICENSED PROFESSIONAL ENGINEER S. L. MERRICK 100186523 2022-06-10 PROVINCE OF ONTARIO

PLAN AND PROFILE OF

PRIVATE ROAD 1
(STA. 0+000.000 TO 0+105.000)

© DSEL

DRAWN BY: G.G.G.	CHECKED BY: S.L.M.	PROJECT No.	21-1261
DESIGNED BY: G.G.G.	CHECKED BY: S.L.M.		
SCALE: HORZ. 1:50 (0 5 10 15 20)		SHEET No.	7
VERT. 1:500 (0 0.5 1.0 1.5 2.0)			

CITY FILE No. D07-12-21-0230 CITY PLAN No. 18642