

STORM SEWERS

- 1. ALL STORM SEWER MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO CURRENT MUNICIPAL STD. A SPEC.
2. BEDDING TO BE TYPE W AS PER C.M. STD. 212.08 UNLESS OTHERWISE NOTED.
3. SEWER BEDDING AND COVER MATERIAL SHALL CONFORM TO C.M. STD. 212.11 AND 212.16, UNLESS OTHERWISE NOTED.
4. IF WATER IS PRESENT IN THE TRENCH EXCAVATION, THEN 100mm CLEAR STONE OR 60mm WASHED CRUSHED GRAVEL IS TO BE USED FOR BEDDING IN ACCORDANCE WITH C.M. STD. 212.10 AND 212.16, RESPECTIVELY.
5. WHERE NOT SET OUT TRENCH SUBGRADE CONDITIONS ARE ENCOUNTERED, FURTHER CIVIL/ GEOTECHNICAL ASSESSMENT MAY BE REQUIRED TO DETERMINE APPROPRIATE BEDDING IN ORDER TO STABILISE THE SUBGRADE FOR SEWER CONNECTIONS.
6. STORM SEWERS AND CONNECTIONS 200mm AND SMALLER TO BE CONCRETE CL. 3 OR PVC SDR 26 PIPE, UNLESS OTHERWISE LISTED.
7. STORM SEWERS AND CONNECTIONS 250mm AND LARGER TO BE CONCRETE CL. 3 CONCRETE CL. 65-D, PVC SDR 35, WITH TYPE B BEDDING THROUGHOUT EXCEPT AT RISERS, UNLESS OTHERWISE NOTED.
8. ALL CATCHBASINS TO BE 760mm, UNLESS OTHERWISE NOTED.
9. ALL CATCHBASIN FRAME AND GRATES SHALL BE AS PER OPSD. 701.09, UNLESS OTHERWISE NOTED.
10. ALL CATCHBASIN LEADS TO BE SINGLE - 250mm, DOUBLE - 300mm UNLESS OTHERWISE NOTED.

CONNECTIONS

- 1. SANITARY: A) SINGLE AND DOUBLE MIN. 150mm DIA PVC SDR 26.
B) CONNECTIONS TO SEWER TO BE MADE WITH MANUFACTURED TREE OR WYE WHERE APPLICABLE AND SHALL BE COLOUR CODED AS: NON-WHITE, OR AS PER C.M. STD. 212.11 R.F.P. STD. 2.4.1 TO 2.4.3.
C) SANITARY SERVICE SHALL BE LOWER THAN AND TO THE RIGHT OF THE STORM SERVICE AT THE PROPERTY LINE WHEN FACING THE LOT FROM THE STREET.
D) SERVICE CONNECTION TO LOT LINE SHALL BE VISIBLY MARKED BY A 150mm x 150mm WOOD STAKE BURIED 1.5m AND PAINTED RED.
E) SERVICE CONNECTION TO LOT LINE SHALL BE VISIBLY MARKED BY A 150mm x 150mm WOOD STAKE BURIED 1.5m AND PAINTED GREEN AND/OR WHITE.
F) ALL 'BOOT JACKS' AND 'T'S' ARE TO BE CAST IRON FOR STORM HOUSE CONNECTIONS.
2. WATER: A) SERVICE CONNECTIONS TO BE 25mm DIA TYPE B SOFT COPPER TUBING UNLESS OTHERWISE NOTED AND AS PER R.F.P. STD. 2.4.4 C.M. STD. 212.18 TO 212.20.
B) SERVICE CONNECTION TO BE VISIBLY MARKED BY 150mm x 150mm WOOD STAKE BURIED 1.5m AND PAINTED BLUE.

ROADS

- 1. ALL FILL WITHIN ROAD ALLOWANCE AND EASEMENTS TO BE COMPACTED TO MIN 98% STANDARD PROCTOR DENSITY. THE SUBGRADE AND COMPACTED OF ALL FILL MATERIALS TO BE CONFIRMED BY RECORDED TESTS START TO THE CITY ENGINEER AND THE SUBGRADE OF ALL ROADWAYS SHALL BE PROOF ROLLED UNDER THE SUPERVISION OF THE SOILS CONSULTANT PRIOR TO THE INSTALLATION OF ANY ROAD BASE MATERIALS.
2. THE DEVELOPER/CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES PRIOR TO ANY TRENCH CONSTRUCTION. LOCATION OF EXISTING UTILITIES, WATERMANS, SEWERS AND OTHER UNDERGROUND OR ABOVEGROUND UTILITIES AND STRUCTURES ARE NOT NECESSARILY SHOWN ON THE DRAWINGS. PRIOR TO COMMENCEMENT OF WORK CONTRACTOR MUST EXAMINE THE ACCURACY OF SUCH EXISTING UTILITIES AND STRUCTURES WHETHER SHOWN OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES TO LOCATION OF EXISTING WATERMANS AND SEWERS TO BE RECTIFIED AT DEVELOPER/ CONTRACTOR'S EXPENSE.
3. THE DEVELOPER/CONTRACTOR MUST ENSURE THAT A SUBGRADE CERTIFICATE IS ISSUED BY THE GEOTECHNICAL SOIL CONSULTANT TO THE ENGINEER. ONCE UPON VERIFICATION AND APPROVAL OF THE SUBGRADE BY THE LOCAL AUTHORITY INSPECTION DEPARTMENT WILL COMMENCEMENT OF ANY ROAD BASE MATERIALS BE PLACED. FAILURE TO FOLLOW THIS PROCEDURE WILL MEAN THE REMOVAL OF ROAD BASE MATERIALS AND/OR ADDITIONAL TESTING THAT PROPER COMPACTION HAS BEEN ACHIEVED AT THE SUBGRADE AT DEVELOPER/CONTRACTOR'S EXPENSE.
4. TRENCH BACKFILL (TRENCH BACKFILL) SHALL BE COMPACTED TO THE CITY DEVELOPMENT SECTION 4.8.8 REQUIREMENT MANUAL.
5. THE TOP 100mm OF THE SUBGRADE IS TO BE COMPACTED TO A MINIMUM 98% OF SPD WITHIN 2% OF THE OPTIMUM MOISTURE CONTENT.
6. ALL CONNECTIONS WITHIN PAVED PORTION OF ANY EXISTING ROAD TO BE BACKFILLED WITH LOOSEBLENDED GRANULAR MATERIAL AS PER C.M. STD. 222.03A, 222.03B AND 222.03C UNLESS OTHERWISE SPECIFIED PRIOR APPROVAL FOR OTHER BACKFILL MATERIAL HAS BEEN OBTAINED.
7. ALL OTHER EXCAVATIONS WITHIN EXISTING ROAD ALLOWANCE SHALL BE BACKFILLED TO SUBGRADE ELEVATION WITH GRANULAR C MATERIAL AND COMPACTED TO A MINIMUM OF 98% STANDARD PROCTOR DENSITY. SURFACE RESTORATION SHALL BE EQUAL TO OR BETTER THAN EXISTING CONDITION IN ACCORDANCE WITH O.P.S. 907.
8. CURB TO BE AS PER C.M. STD. 222.03A UNLESS OTHERWISE NOTED.
9. SUBURBAN UNDERPASS ALL CURBS AS SPECIFIED ON PLANS ON EXISTING ROADS.
10. ALL DISTURBED AREAS WITHIN EXISTING ROAD ALLOWANCE TO BE REGENERATED WITH TOPSOIL AND SOD TO THE SATISFACTION OF THE CITY OF MISSISSAUGA.
11. SIDEWALKS TO BE AS PER C.M. STD. 222.03A.
12. AND PEDESTRIAN RAMPS TO BE PROVIDED AT ALL INTERSECTIONS AS PER C.M. STD. 222.03B AND 222.03C.

NOTES

- 1. ALL DIMENSIONS AND INVERTS MUST BE VERIFIED PRIOR TO CONSTRUCTION AND IF ANY DISCREPANCIES EXIST, CONTRACTOR IS TO NOTIFY THE ENGINEER.
2. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES THAT ARE NOT SHOWN ON THE DRAWINGS. PRIOR TO COMMENCEMENT OF WORK, CONTRACTOR SHALL EXAMINE THE ACCURACY OF SUCH EXISTING UTILITIES AND STRUCTURES WHETHER SHOWN OR NOT. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY DISCREPANCIES TO LOCATION OF EXISTING UTILITIES AND STRUCTURES TO BE RECTIFIED AT DEVELOPER/ CONTRACTOR'S EXPENSE.
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FIRE DEPARTMENT

- 1. FIRE ROUTE WILL BE DESIGNATED AS PER CITY OF MISSISSAUGA BYLAW (1030-8) AS AMENDED PRIOR TO OCCUPANCY OF THE BUILDINGS.
2. FIRE ROUTES TO BE DESIGNED TO WITH STAND A LOAD NOT LESS THAN 11.2kN/m² PER AXLE AND HAVE A MINIMUM TURNING RADIUS NOT MORE THAN 18m OVER A DISTANCE 180m AS PER L.M. 1030-8.1.
3. ALL 12.5m TURNING RADIUS HAVE CLEARANCE OF 3m BETWEEN THE CENTRE LINE OF TURNING RADIUS AND ANY CURB OR PART OF BUILDING.
4. PRIVATE FIRE HYDRANTS SHALL BE FLUSH TESTED AND COLOUR CODED IN CONFORMANCE WITH THE REGION OF P.E.I. 'UNIFORM MARKING OF HYDRANTS'.

SANITARY SEWERS

- 1. ALL SANITARY SEWER MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO CURRENT REGION OF P.E.I. STD. A SPEC.
2. SANITARY CONNECTIONS 200mm AND LESS TO BE PVC SDR 26.
3. SANITARY SEWERS AND CONNECTIONS 250mm AND LARGER TO BE PVC SDR 35 WITH 300mm DIA WITH TYPE B BEDDING THROUGHOUT EXCEPT AT RISERS, UNLESS OTHERWISE NOTED.
4. ALL MANHOLES TO BE R.F.P. STD 2.4.3, UNLESS OTHERWISE NOTED.

WATERMANS

- 1. ALL MATERIALS AND CONSTRUCTION METHODS MUST CORRESPOND TO CURRENT P.E.I. PUBLIC WORKS STANDARDS AND SPECIFICATIONS.
2. WATERMAN AND WATER SERVICE MATERIALS SHALL UP TO AND INCLUDING 300mm TO BE P.V.C. DR-18 TO MINWA SPEC C007.7, COPPER TYPE K FOR 200mm AND SMALLER.
3. WATERMANS AND/OR WATER SERVICES ARE TO HAVE A MIN. DEPTH OF 1.7m WITH A MIN. HORIZONTAL SPACING OF 1.2m FROM TRENCHES AND OTHER UTILITIES.
4. PROVISIONS FOR FLOODING WATER LINE PRIOR TO TESTING, ETC. MUST BE PROVIDED WITH AT LEAST A 50mm OUTLET ON 100mm AND LARGER LINES. COPPER LINES TO HAVE FLUSHING POINTS AT THE PAD, THE SAME SIZE AS THE LINE. THEY MUST ALSO BE HOSED OR PIPED TO ALLOW THE WATER TO DRAIN ONTO A PARKING LOT OR DOWN A DRAIN. ON FIRE LINES, FLUSHING OUTLET TO BE 150mm MINIMUM ON HYDRANT.
5. ALL CURB STOPS TO BE 300mm OFF THE FACE OF THE BUILDING UNLESS OTHERWISE NOTED.
6. HYDRANT AND VALVE SET TO R.F.P. STD. 1.6-1. DIMENSION A AND B 0.70m AND 0.90m AND TO HAVE PUMPER NOZZLE.
7. WATERMANS TO BE INSTALLED TO GRADE AS SHOWN ON APPROVED SITE PLAN. COPY OF EACH SHEET MUST BE SUPPLIED TO INSPECTOR PRIOR TO COMMENCEMENT OF WORK. WHEN REQUESTED BY INSPECTOR.
8. WATERMANS MUST HAVE A MIN. VERTICAL CLEARANCE OF 300mm OVER OR 800mm UNDER SEWERS AND ALL OTHER UTILITIES WHEN CROSSING.
9. ALL PROPOSED WATER PIPING MUST BE ISOLATED FROM EXISTING LINES IN ORDER TO ALLOW INDEPENDENT PRESSURE TESTING AND CHLORINATING FROM EXISTING SYSTEMS.
10. ALL LINE TAPPING AND OPERATION OF REGION WATER VALVES SHALL BE ARRANGED THROUGH THE REGIONAL INSPECTOR ASSIGNED OR BY CONTACTING THE OPERATIONS AND MAINTENANCE DIVISION.
11. DUCTILE IRON WATERMAIN FITTINGS TO BE CEMENT LINED TO APPROX. C11077.
12. MECHANICAL RESTRAINTS MUST BE INSTALLED ON ALL BENDS, TEES AND REDUCERS.
13. LOCATION OF ALL EXISTING UTILITIES IN THE FIELD TO BE ESTABLISHED BY THE CONTRACTOR.
14. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR LOCATING, EXPOSING, SUPPORTING AND PROTECTING OF ALL UNDERGROUND AND OVERHEAD UTILITIES AND STRUCTURES EXISTING AT THE TIME OF CONSTRUCTION IN THE AREA OF THEIR WORK. WHETHER SHOWN ON THE PLANS OR NOT AND FOR ALL REPAIRS AND CONSEQUENCES RESULTING FROM DAMAGE TO SAME. THE CONTRACTOR SHALL BE RESPONSIBLE TO THE CITY ENGINEER FOR THE PROTECTION OF ALL UTILITIES AND STRUCTURES. SUCH UTILITIES SHALL BE IDENTIFIED BY THE CONTRACTOR'S INSPECTOR. THIS INSPECTION WILL BE FOR THE DURATION OF THE CONSTRUCTION WITH THE CONTRACTOR RESPONSIBLE FOR ALL COSTS ARISING FROM SUCH INSPECTION.
15. ALL PROPOSED WATER PIPING MUST BE ISOLATED THROUGH A TEMPORARY CONNECTION THAT SHALL INCLUDE AN APPROPRIATE CROSS-CONNECTION CONTROL DEVICE, CONSISTENT WITH THE DEGREE OF HAZARD; FOR BACKFLOW PREVENTION OF THE ACTIVE DISTRIBUTION SYSTEM, CONFORMING TO R.F.P. STD. 1.7 AND 1.7.A.

C.M. BENCHMARK No. 339 ELEVATION: 112.899m
DESCRIPTION: LOCATED ON THE SOUTH FACE AT THE CORNER OF A RED BRICK BUNGALOW 8221 AT THE NORTHEAST CORNER OF KING STREET AND EDDENHURST DRIVE.



SKIRA & ASSOCIATES LTD. CONSULTING ENGINEERS
3464 Seminary Court, Suite 100, Mississauga, Ontario L5C 4P8
Tel: (905) 276-5100 Fax: (905) 270-1938 Email: info@skiraconsult.ca

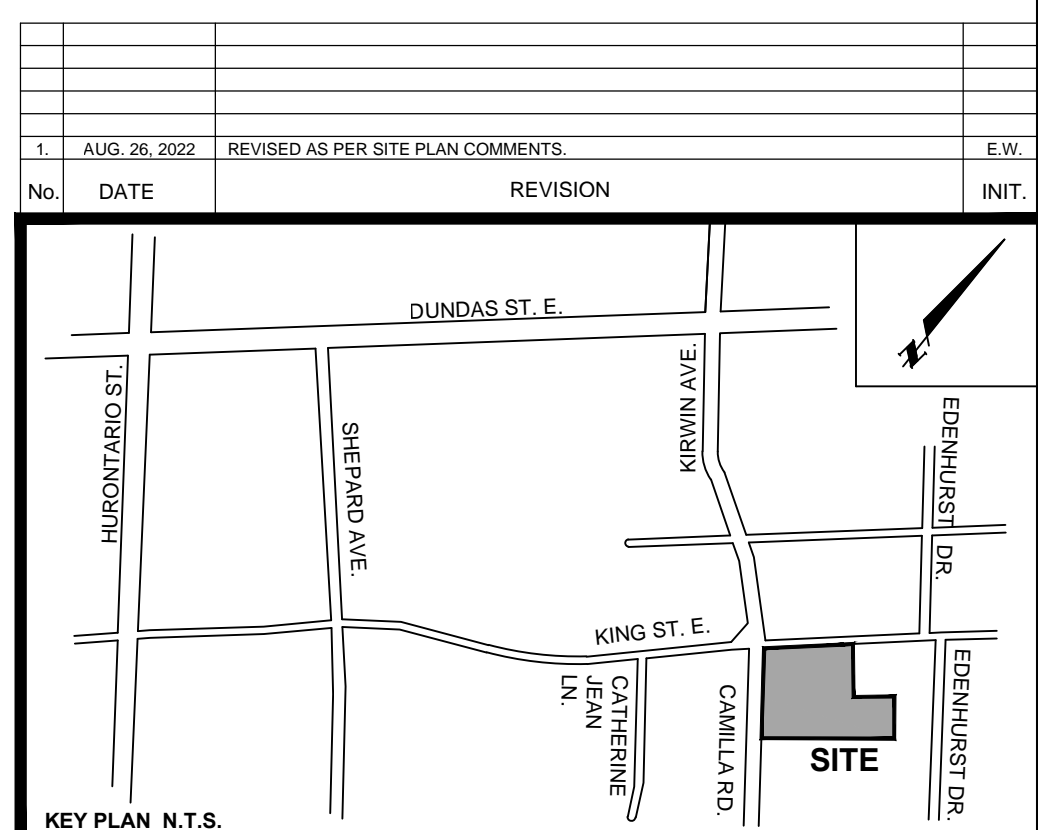
PROPOSED RESIDENTIAL DEVELOPMENT PART OF BLOCK A, REG. PLAN A-27

CITY PARK HOMES ADDRESS

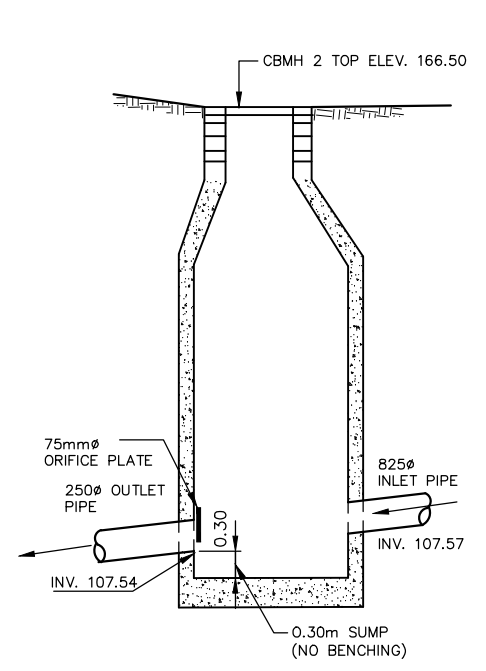
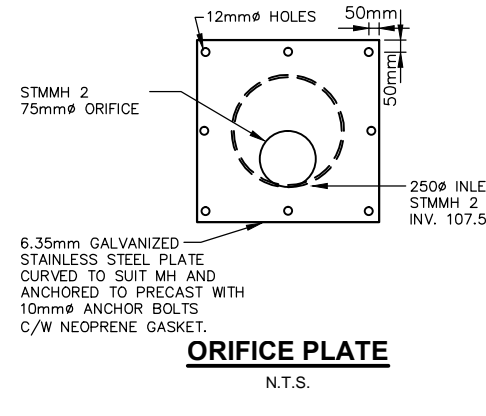


SITE SERVICING PLAN S.P.

Table with columns: DATE, AREA, DWG No., SCALE, DRAWN BY, PROJECT No., CITY FILE, REGION FILE. Includes values like FEBRUARY 2021, 2-00, C101, 1:300, E.W., 220-M109.



KEY PLAN N.T.S.



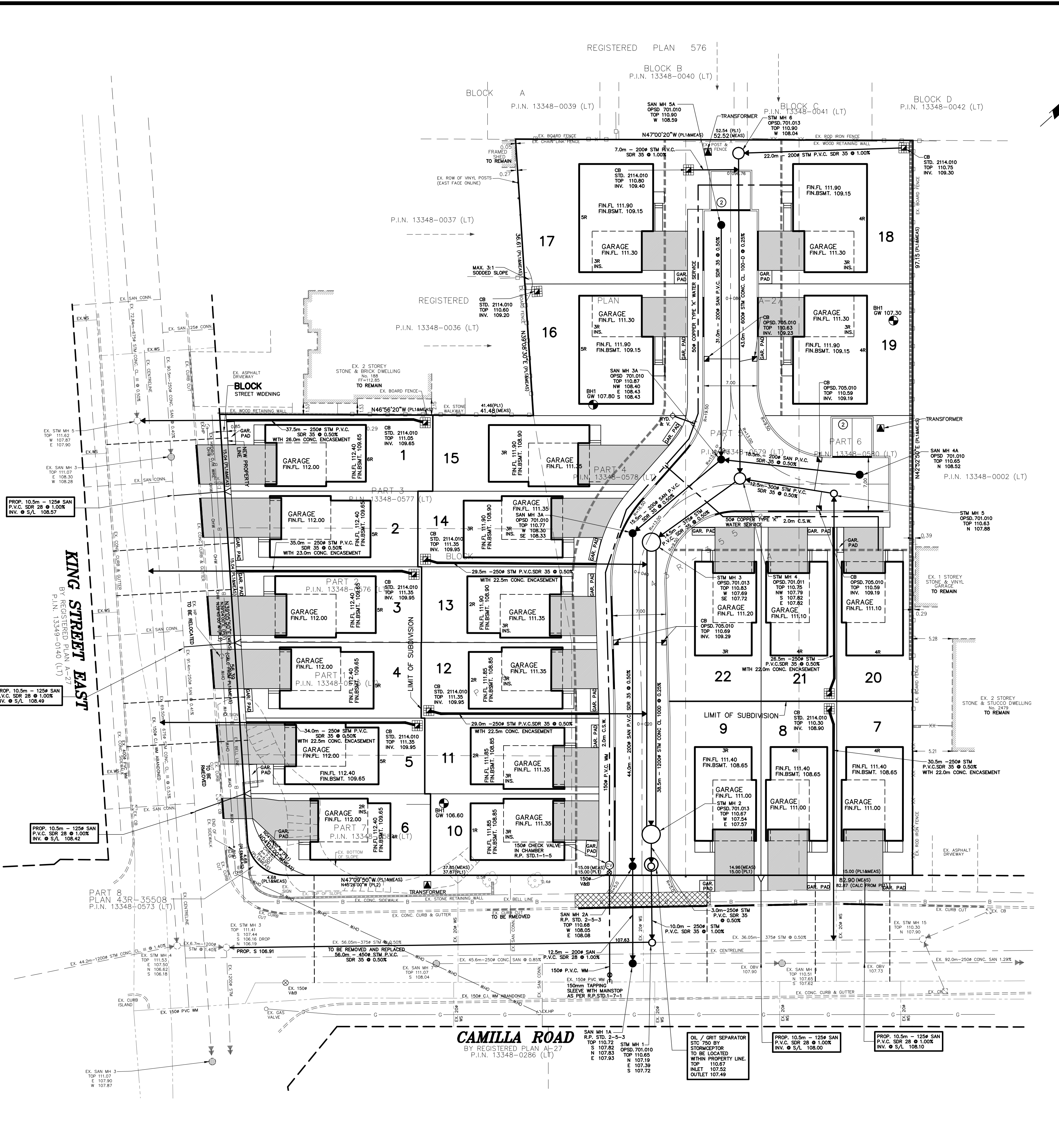
CONTROL MANHOLE - STM MH 2 N.T.S.

- LEGEND
- STORM MANHOLE
- SANITARY MANHOLE
- CATCH-BASIN
- CATCH-BASIN/MANHOLE
- FULL CURB & GUTTER
- DEPRESSED CURB & GUTTER
- SUMP PUMP
- ROOF DOWNSPOUTS
- HYDRO TRANSFORMER
- STREET LIGHT
- FINISHED MAIN FLOOR ELEVATION
- FIN. BASEMENT SLAB ON GRADE
- CONSTRUCTION UNIT NUMBER
- MUNICIPAL ADDRESS NUMBER

MIN. PAVEMENT DESIGN FOR CONDOMINIUM
40mm HL3 TOP ASPHALT
60mm HL8 BASE ASPHALT
200mm 20mm CRUSHER-RUN LIMESTONE
250mm 50mm CRUSHER-RUN LIMESTONE
55mm TOTAL CONSTRUCTION DEPTH

DRIVEWAY PAVEMENT DESIGN
25mm HL3 TOP ASPHALT
60mm HL8 BASE ASPHALT
150mm 20mm CRUSHER-RUN LIMESTONE
225mm TOTAL CONSTRUCTION DEPTH

INFORMATION SHOWN HEREON REGARDING THE SIZE AND LOCATION OF EXISTING SERVICES AND/OR UTILITIES IS FURNISHED AS THE BEST AVAILABLE INFORMATION AND SHALL BE INTERPRETED AS THE CONTRACTOR SEES FIT WITH THE UNDERSTANDING THAT THE OWNER DISCLAIMS ALL RESPONSIBILITY FOR ITS SUFFICIENCY AND/OR ACCURACY.
ALL INTERNAL EXISTING SERVICES AND APPURTENANCES NOT UTILIZED FOR SERVICING OF THIS PROJECT ARE TO BE REMOVED OFF SITE UNLESS OTHERWISE DIRECTED BY THE ENGINEER.



Additional notes and details at the bottom of the plan, including material specifications and construction requirements for the site.