

DATE: 2024/02/22
DRAWN BY: JN
CHECKED BY: MF
DESIGNED BY: JN
PROJECT NO: 1853
PLAN NO: S1

GENERAL NOTES

- CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE LATEST STANDARDS OF THE REGIONAL MUNICIPALITY OF HALTON (INCLUDING REGION OF HALTON'S CONTRACTOR INFORMATION PACKAGE), TOWN OF OAKVILLE AND THE ONTARIO BUILDING CODE (PART 7), ONTARIO PROVINCIAL STANDARD SPECIFICATIONS AND DRAWINGS (O.P.S.S. & O.P.S.D.) SHALL BE USED IN ABSENCE OF LOCAL STANDARDS.
- THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL ARCHITECTURAL, MECHANICAL AND LANDSCAPE DRAWINGS.
- ALL INFORMATION SHOWN REGARDING THE LOCATION AND SIZE OF EXISTING UTILITIES AND/OR SERVICES HAS NOT BEEN VERIFIED. THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING THE LOCATION OF UTILITIES PRIOR TO CONSTRUCTION AND PROTECTING AND MAINTAINING DURING CONSTRUCTION.
- THE CONTRACTOR SHALL CHECK AND VERIFY ALL GIVEN GRADES AND ELEVATIONS, PRIOR TO CONSTRUCTION AND REPORT ALL DISCREPANCIES TO THE ENGINEER.
- ALL GRADING CHANGES SHALL BE APPROVED BY THE ENGINEER AND TOWN OF OAKVILLE PRIOR TO IMPLEMENTATION.
- THE CONTRACTOR SHALL CLEAN ALL MUD TRACKED ON TO ADJACENT ROADWAYS.
- THE CONTRACTOR IS RESPONSIBLE FOR RESTORING DISTURBED AREAS, AREAS WITHIN THE MUNICIPAL RIGHT OF WAY SHALL BE RESTORED TO THE TOWN OF OAKVILLE AND REGION OF HALTON SATISFACTION.
- CONTRACTOR IS RESPONSIBLE FOR ALL TEMPORARY TRAFFIC CONTROLS, PER MTO BOOK 7.
- CONTRACTOR IS RESPONSIBLE FOR ALL CONSTRUCTION LAYOUT, WITH CONTROL BARS PROVIDED BY THE OWNER. PROTECTION OF CONTROL BARS IS THE RESPONSIBILITY OF THE CONTRACTOR.
- CONTRACTOR IS RESPONSIBLE TO VERIFY THE SIZE AND LOCATION OF ALL EXISTING UTILITIES PRIOR TO CONSTRUCTION, INCLUDING VAC TRUCK AND RESTORATION AS REQUIRED.
- CONTRACTOR SHALL PROVIDE THIRD-PARTY DIGITAL AS-BUILTS IN CAD, TO INCLUDE ALL NEW SITE SERVING INCLUDING TOPS AND INVERTS, AND FINISHED GRADES, INCLUDING PAVED AREAS, SWALES, CURBS, SIDEWALKS AND RETAINING WALLS, TO THE SATISFACTION OF THE ENGINEER.
- CONTRACTOR SHALL FLUSH AND VIDEO ALL EXISTING SEWERS PRIOR TO AND AFTER CONNECTION, AND NEW AND DISTURBED SEWERS UPON INSTALLATION AND LATER UPON COMPLETION OF TOP WORKS AND LANDSCAPING, PER OPSS 405. VIDEOS TO BE PROVIDED TO THE ENGINEER FOR REVIEW AND APPROVAL.

SERVICING NOTES

- ALL UTILITIES SHALL BE BACKFILLED WITH GRANULAR BACKFILL COMPACTED TO 98% S.P.M.D.D. NATIVE BACKFILL MAY BE USED WITH THE PERMISSION OF THE GEOTECHNICAL CONSULTANT. BEDDING AND COVER MATERIAL SHALL BE PER THE GEOTECHNICAL CONSULTANTS RECOMMENDATIONS.
- BACKFILLING AND RESTORATION WITHIN THE PUBLIC ROW SHALL BE IN ACCORDANCE WITH THE TOWN OF OAKVILLE ROAD CUT PERMIT AND TO THE SATISFACTION OF THE ENGINEERING & CONSTRUCTION DEPARTMENT.
- SURROUND ALL MANHOLES WITH A MINIMUM OF 1.5m COMPACTED GRANULAR "C" BACKFILL.
- ALL ENDS OF SERVICE CONNECTIONS SHALL BE MARKED WITH 50x100 LUMBER PLACED FROM INVERT OF SERVICE TO 1.0m ABOVE GRADE.

STORM SEWERS

- ALL STORM SEWERS 600 mm AND SMALLER SHALL BE PVC SDR35 OR ULTRA RIBBED PVC CSA B182.2 WITH BEDDING PER OPSS 802.010 UNLESS OTHERWISE NOTED.
- ALL STORM SEWERS 675 mm AND LARGER SHALL BE REINFORCED CONCRETE PIPE CLASS 65-D CSA A257.2 COMPLETE WITH BEDDING PER OPSS 802.030.
- CATCHBASIN SHALL BE PER OPSS 705.010, DOUBLE CATCHBASIN PER OPSS 705.020 C/W GRATE PER OPSS 400.020.
- CATCHBASINS IN LANDSCAPED AREAS SHALL BE SUMPLESS AND C/W BEHIVE TOP AS PER TOWN STD. 5-2.
- ALL CB'S IN LANDSCAPED AREAS SHALL BE INSTALLED WITH A SUB-DRAIN AS NOTED ON THE SERVING PLAN. SUB-DRAIN TO BE 100mm PERFORATED PIPE C/W FILTER SOCK SURROUNDED BY 15mm CLEAR STONE AS PER SUB-DRAIN DETAIL.
- ALL CB LEADS SHALL BE 250mm# PER OPSS 401.010 UNLESS OTHERWISE NOTED.
- ALL CATCHBASIN MANHOLES SHALL BE BENCHED.
- ALL STORM MANHOLES SHALL BE 1200mm# PER OPSS 401.010 UNLESS OTHERWISE NOTED.
- ALL CATCHBASIN AND CATCHBASIN MANHOLES IN PAVED AREAS SHALL BE INSTALLED WITH 3.0m - 100mm# PERFORATED PIPE C/W FILTER SOCK EXTENDING OUT FROM THE CATCHBASIN AND LOCATED BELOW THE SUBGRADE SURROUNDED BY 150mm GRANULAR "A".
- ALL CATCHBASINS TO BE FITTED WITH CB SHELD.

WATERMAINS

- 100mm AND LARGER SERVICES SHALL BE PVC, C-900, CLASS 150, SDR18 C/W MECHANICAL RESTRAINTS & TRACER WIRE PER REGION OF HALTON REQUIREMENTS.
- 50mm AND SMALLER SERVICE SHALL BE TYPE "K" SOFT COPPER TUBING.
- BEDDING ON WATER SERVICE SHALL BE PER OPSS 802.010*.
- VALVE AND BOX FOR 100mm TO 300mm WATER SERVICE PER REGION OF HALTON STD.
- COVER SHALL BE 1.7m MIN. UNLESS OTHERWISE NOTED.
- CONNECTION TO EXISTING WATERMAIN SHALL BE PER REGION OF HALTON STD R 409.010.
- WATER SYSTEM SHALL BE PRESSURE TESTED TO 150 PSI FOR 3 HRS AND WITNESSED BY REGION OF HALTON.
- HYDRANTS SHALL BE MANUFACTURED IN ACCORDANCE WITH AWWA C502 AND SHALL HAVE STEAMER PORTS AS PER REGION STANDARD SPECIFICATIONS (SEE NOTE 12). ALL HYDRANTS SHALL BE INSTALLED AS PER OPSS 1105.010* IF HYDRANT BARREL DEPTH EXCEEDS 1.7m A HYDRANT THAT CAN BE RAISED FROM THE BOTTOM WITHOUT INCREASING ROD LENGTH IS TO BE USED.
- * INDICATES O.P.S.D. CAN BE USED AS MODIFIED BY REGION OF HALTON.
- MINIMUM LATERAL SEPARATION FROM OTHER UTILITIES IS 2.5m.
- WATERMAINS MUST HAVE A MINIMUM VERTICAL CLEARANCE OF 0.30m (12 INCHES) OVER, 0.50m (20 INCHES) UNDER SEWERS AND ALL OTHER UTILITIES.
- STORZ PUMPER CONNECTION FOR HYDRANTS AS FOLLOWS:
TWO (2) 63.5mm (2 1/2") WITH CSA STANDARD THREAD, 63.5mm I.D., 5 THREADS PER 25mm, 31.75mm SQUARE OPERATING NUT; AND STORZ CAP PAINTED GLOSS BLACK.
- WATER SERVICES/MAINS SHALL BE TESTED & DISINFECTED AS PER ANS/AWWA C651-99 AND REGION OF HALTON REQUIREMENTS.

SANITARY SEWERS

- SANITARY MANHOLE SHALL BE AS PER OPSS 701.010* C/W "TYPE A" COVER PER OPSS 401.010* AND FULL BENCHING.
- * INDICATES O.P.S.D. CAN BE USED MODIFIED BY REGION OF HALTON.

PINE GLEN ROAD

KHALSA GATE

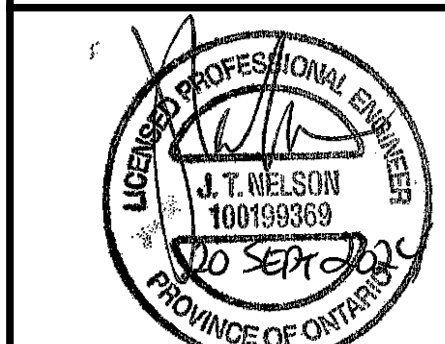
HALTON STANDARD CONDOMINIUM PLAN 664

KEY PLAN

- LEGEND**
- PROPOSED CATCHBASIN
 - PROPOSED DOUBLE CATCHBASIN
 - PROPOSED STORM MANHOLE
 - PROPOSED FIRE HYDRANT
 - PROPOSED VALVE AND BOX
 - PROPOSED STORM SEWER
 - PROPOSED SANITARY SEWER
 - PROPOSED PLUS
 - PROPOSED WATER METER
 - EXISTING STORM MANHOLE
 - EXISTING SANITARY MANHOLE
 - EXISTING WATERMAIN
 - EXISTING SANITARY
 - PROPERTY BOUNDARY

NO.	DATE	BY/DRAWN	REVISIONS
1	24/09/17	MF	ISSUED FOR OPA/ZBA
2	18/05/20	JN	REVISED FOR OPA/ZBA
3	18/05/20	JN	REVISED FOR OPA/ZBA
4	18/05/20	JN	REVISED FOR OPA/ZBA
5	18/05/20	JN	REVISED FOR OPA/ZBA
6	18/05/20	JN	REVISED FOR OPA/ZBA
7	18/05/20	JN	REVISED FOR OPA/ZBA
8	18/05/20	JN	REVISED FOR OPA/ZBA
9	18/05/20	JN	REVISED FOR OPA/ZBA
10	18/05/20	JN	REVISED FOR OPA/ZBA
11	18/05/20	JN	REVISED FOR OPA/ZBA
12	18/05/20	JN	REVISED FOR OPA/ZBA
13	18/05/20	JN	REVISED FOR OPA/ZBA
14	18/05/20	JN	REVISED FOR OPA/ZBA
15	18/05/20	JN	REVISED FOR OPA/ZBA
16	18/05/20	JN	REVISED FOR OPA/ZBA
17	18/05/20	JN	REVISED FOR OPA/ZBA
18	18/05/20	JN	REVISED FOR OPA/ZBA
19	18/05/20	JN	REVISED FOR OPA/ZBA
20	18/05/20	JN	REVISED FOR OPA/ZBA

BENCHMARK
TOPOGRAPHIC INFORMATION MEASURED APRIL 11TH 2024, COMPLETED BY J.H. GELBLOOM SURVEYING LIMITED, PROJECT NO. 24-047
ELEVATIONS SHOWN ARE GEODETIC IN NATURE AND REFER TO SURVEY OF CANADA BENCHMARK NO 272, HAVING AN ELEVATION OF 151.637m



DESIGNED BY

APPROVED BY

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PROJECT TITLE	SIKH TEMPLE PROPOSED RELIGIOUS BUILDING
LOCATION	2403 KHALSA GATE OAKVILLE, ON
DRAWING TITLE	SERVICING PLAN
SCALE	1:250
DESIGN BY	JN
PROJECT NO.	1853
DRAWN BY	ZJ
CHECKED BY	MF
PLAN NO.	S1
DATE	2024/02/22
SHEET	1 OF 1