

DERRY ROAD EAST

(Road Allowance Between Lots 10 & 11 Concession 3 East of Hurontario Street)

NOTE
IT IS CONTRACTOR'S RESPONSIBILITY TO LOCATE ALL UTILITIES & ANY DISCREPANCIES TO REPORT TO ENGINEER.

PONDING STORAGE TABLE

PONDING #	LOCATION	PONDING DEPTH (MM)	AREA (M ²)	VOLUME (M ³)
1	CB1	150	339.40	17.00
2	CBMH1	150	194.20	9.70



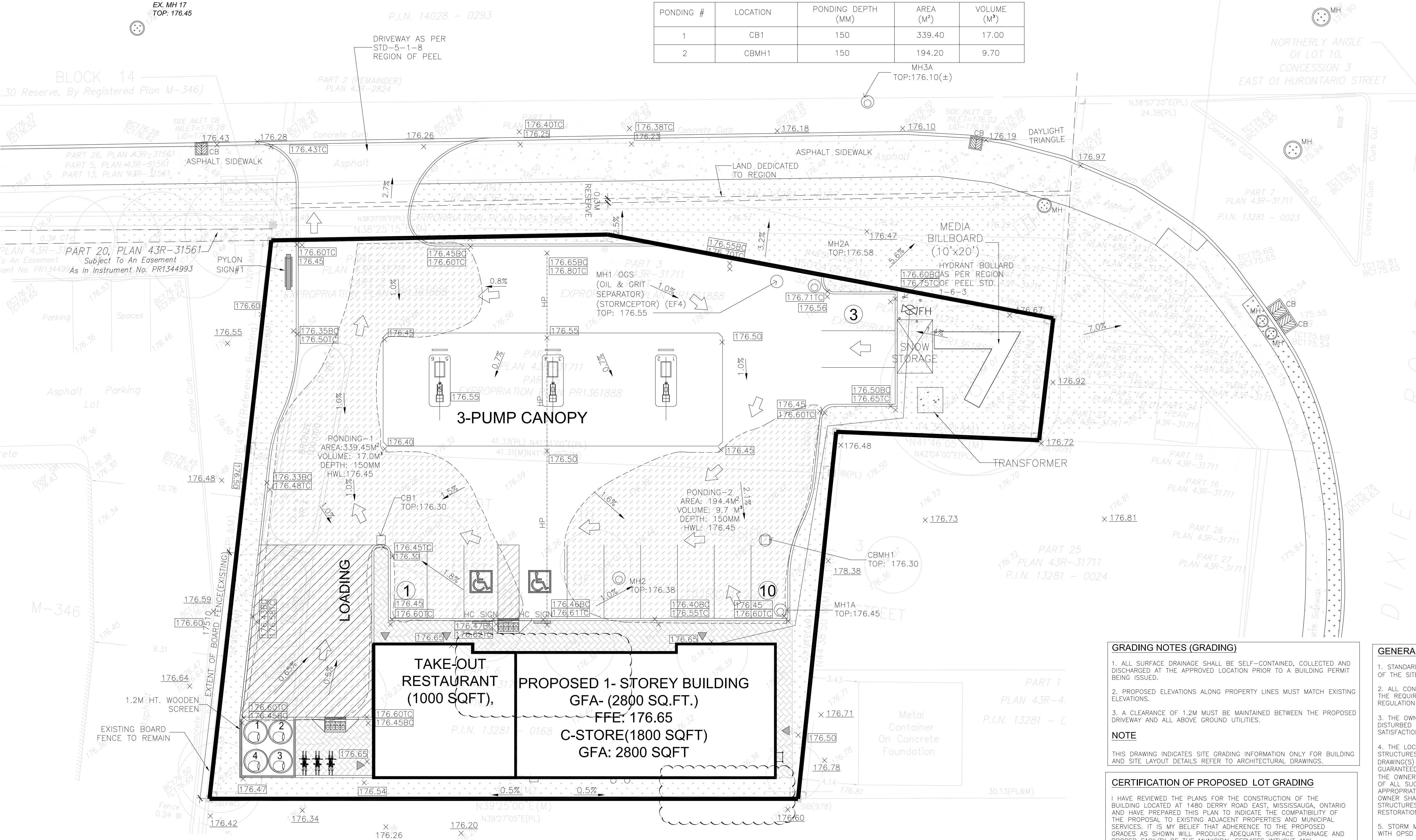
LEGEND

- PROPERTY LINE
- PROPOSED CONCRETE CURB
- PROPOSED DEPRESSED CONCRETE CURB
- PROPOSED STORM SEWER
- PROPOSED STORM MANHOLE
- PROPOSED CATCH BASIN MANHOLE
- PROPOSED CATCH BASIN
- PROPOSED SANITARY MANHOLE
- EXISTING CATCH BASIN
- EXISTING FIRE HYDRANT
- BARRIER FREE PARKING
- MAIN ENTRANCE
- OVERHEAD DOOR
- UTILITY POLE
- EXISTING TREE
- ARIAL WIRE
- BARRIER CURB
- WATER VALVE
- OVERLAND FLOW ROUTE
- EXISTING ELEVATION TO REMAIN
- EXISTING ELEVATION
- PROPOSED TOP/CURB ELEVATION
- PROPOSED ELEVATION
- PROPOSED SURFACE SLOPE
- CONCRETE RETAINING TOE WALL
- H.P. HIGH POINT (DRAINAGE DIVIDE)
- INTERPOLATED EXISTING ELEVATION TO REMAIN

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PROFESSIONAL ENGINEER
A.S. ZIAUDDIN
100233432
21 FEB. 2020
PROVINCE OF ONTARIO

PROJECT NORTH



GENERAL NOTES

- READ THIS DRAWING IN CONJUNCTION WITH ARCHITECTURAL, MECHANICAL AND LANDSCAPING PLANS.
- ALL WORK SHALL BE CARRIED OUT IN COMPLIANCE WITH THE APPLICABLE HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS.
- ALL WORK, MATERIALS AND CONSTRUCTION METHODS TO CONFORM WITH THE LATEST STANDARDS, SPECIFICATIONS, POLICIES, REGULATIONS, GUIDELINES AND LAWS FOR THE CITY OF TORONTO, THE ONTARIO BUILDING CODE (OBC), MINISTRY OF THE ENVIRONMENT (MOE), ONTARIO PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPS), THE ENVIRONMENTAL PROTECTION ACT AND THE WATER RESOURCES ACT. THE MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY WHERE REQUIRED.
- THE INFORMATION SHOWN FOR EXISTING UTILITIES WAS COMPILED FROM LOCATES INFORMATION AND RECORD DRAWINGS FROM THE CITY. THE INFORMATION IS SHOWN FOR GENERAL INFORMATION ONLY AND THE ACCURACY OR COMPLETENESS OF THE PROVIDED INFORMATION HAS NOT BEEN CONFIRMED. THE CONTRACTOR IS RESPONSIBLE FOR LOCATING AND PROTECTING ALL UTILITIES DURING CONSTRUCTION. ALL EXISTING UTILITIES MUST BE LOCATED AND VERIFIED BY THE CONTRACTOR PRIOR TO COMMENCEMENT OF WORK. ANY VARIANCE IS TO BE IMMEDIATELY REPORTED TO THE ENGINEER. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO CONFIRM UTILITY LOCATIONS AND NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS PRIOR TO CONSTRUCTION WILL BE AT THE CONTRACTOR'S EXPENSE.
- THIS PLAN SHOULD BE READ IN CONJUNCTION WITH ALL OTHER CONSULTANTS' PLANS. ANY DISCREPANCIES SHALL BE CLARIFIED PRIOR TO CONSTRUCTION. INFORMATION RELATED TO DIMENSIONS FOR PRIVATE ROADS, PARKING, CURBING, BUILDING LOCATION AND SETBACKS SHALL BE TAKEN FROM THE SITE PLAN PREPARED BY THE ARCHITECT.
- ALL DIMENSIONS AND ELEVATIONS TO BE VERIFIED PRIOR TO CONSTRUCTION AND ANY DISCREPANCIES FOUND PRIOR TO OR DURING CONSTRUCTION SHALL BE CLARIFIED WITH THE ENGINEER.

INSPECTIONS:

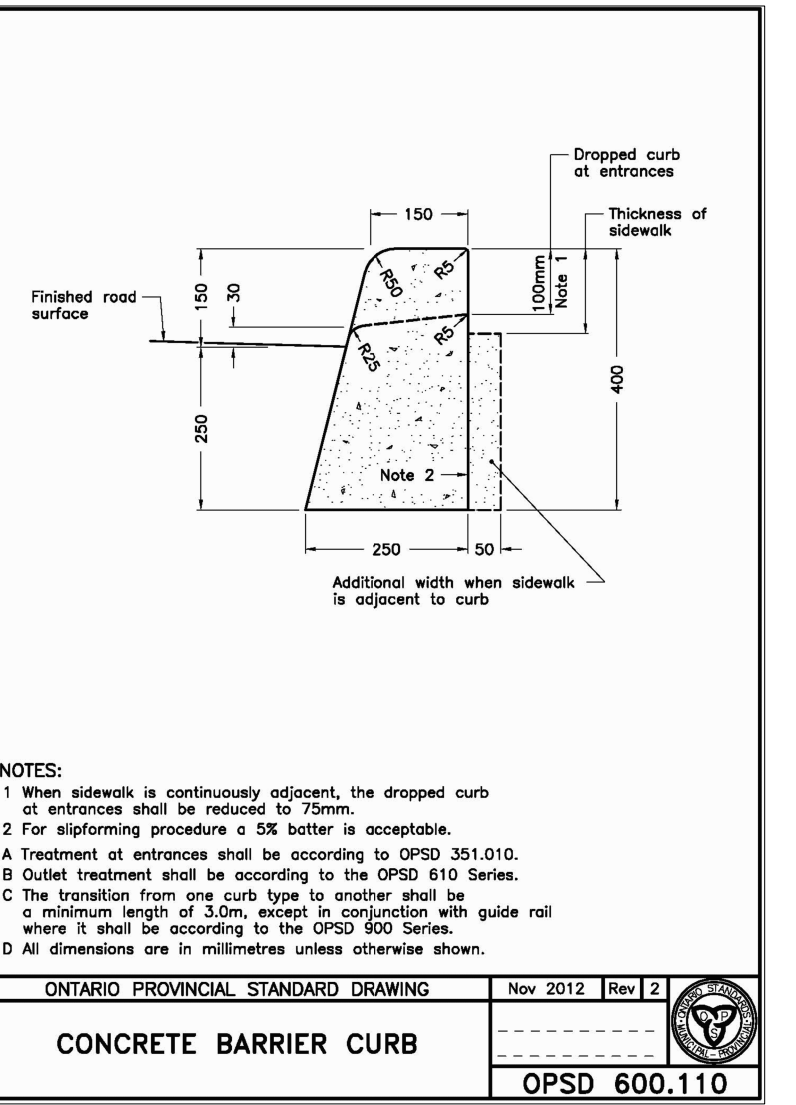
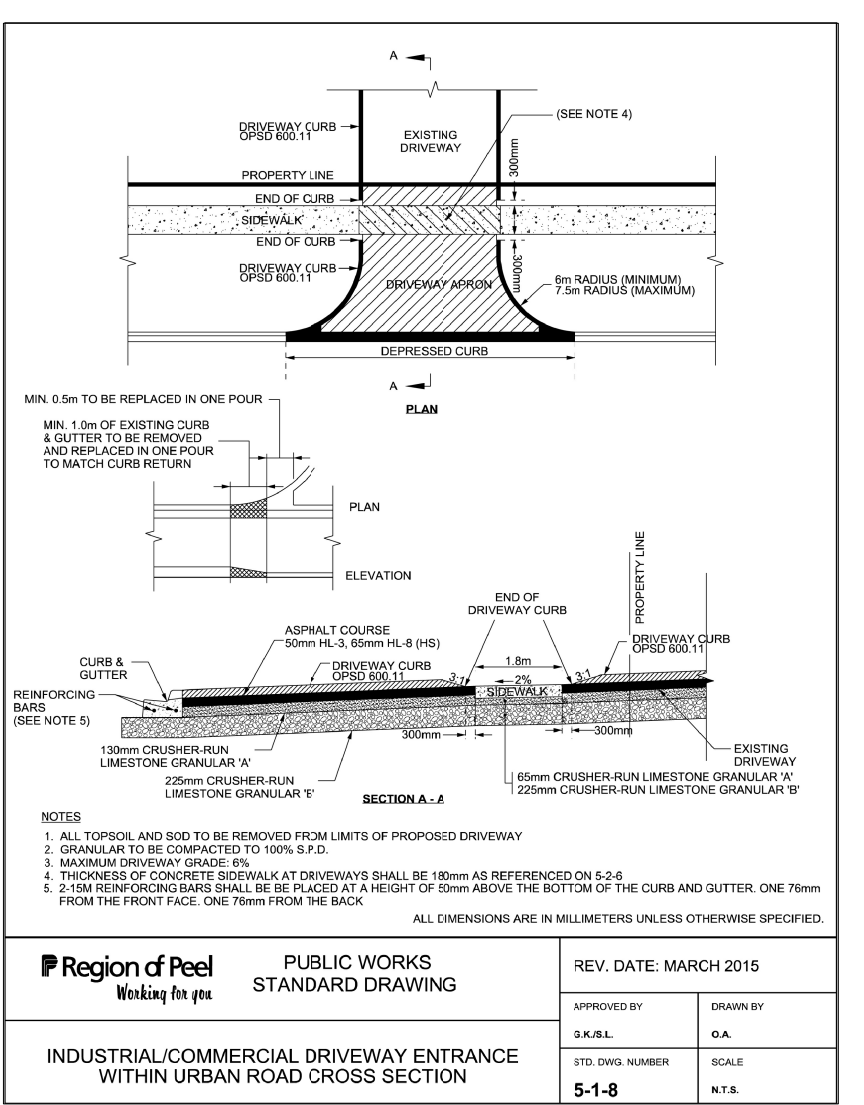
- ALL WORK IN THE MUNICIPAL RIGHT OF WAY AND EASEMENTS IS TO BE INSPECTED BY THE CITY PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMANS AND SEWERS TO BE INSPECTED BY THE CITY AS PER THE SITE PLAN AGREEMENT.
- ALL DISTURBED GRASSED AREAS TO BE RESTORED WITH MINIMUM 200MM TOPSOIL AND NO. 1 NURSERY SOIL.
- THE CONTRACTOR AGREES NOT TO MAKE A MATERIAL CHANGE OR CAUSE A MATERIAL CHANGE TO BE MADE TO A PLAN, SPECIFICATION, DOCUMENT OR OTHER INFORMATION, ON THE BASIS OF WHICH THIS DRAWING WAS APPROVED BY THE CITY, WITHOUT NOTIFYING, FILING DETAILS WITH AND OBTAINING WRITTEN AUTHORIZATION OF THE MUNICIPAL AND PROJECT ENGINEER.
- ALL STORMWATER MANAGEMENT WORK, WATER SERVING WORK AND SANITARY SEWER WORK INSIDE THE BOUNDARY OF THE SITE IS TO BE INSPECTED BY ARCHITECTURE INC PRIOR TO BACKFILLING. ALL WORK RELATING TO WATERMANS AND SEWERS TO BE INSPECTED BY ARCHITECTURE INC, AS PER APPROVED PLANS BY THE CITY.

SURVEY INFORMATION TAKEN FROM:
GREATER TORONTO ACRES SURVEYING INC.
7003 STEELES AVE. WEST, UNIT12,
TORONTO, ON M9W 0A2
TEL: (416) 679-0572
EMAIL: jw@gatasurveying.ca
PROJECT: 17208

MUNICIPAL ADDRESS & LEGAL DESCRIPTION:
1480 DERRY ROAD EAST,
MISSISSAUGA, ON,
PART OF LOT 10, CONCESSION 3 EAST OF
HURONTARIO STREET, 43R31711, PTS 5,
6 (GEOGRAPHIC TOWNSHIP OF TORONTO),
CITY OF MISSISSAUGA, REGIONAL
MUNICIPALITY OF PEEL

APPLICANT:
NITIN MALHOTRA
n ARCHITECTURE INC.
9120 LESLIE STREET, SUITE-208,
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OWNER:
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Prabh Aulakh Ltd.
1480 Derry Rd E, Mississauga, ON.
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GRADING NOTES (GRADING)

- ALL SURFACE DRAINAGE SHALL BE SELF-CONTAINED, COLLECTED AND DISCHARGED AT THE APPROVED LOCATION PRIOR TO A BUILDING PERMIT BEING ISSUED.
- PROPOSED ELEVATIONS ALONG PROPERTY LINES MUST MATCH EXISTING ELEVATIONS.
- A CLEARANCE OF 1.2M MUST BE MAINTAINED BETWEEN THE PROPOSED DRIVEWAY AND ALL ABOVE GROUND UTILITIES.

NOTE
THIS DRAWING INDICATES SITE GRADING INFORMATION ONLY FOR BUILDING AND SITE LAYOUT DETAILS REFER TO ARCHITECTURAL DRAWINGS.

CERTIFICATION OF PROPOSED LOT GRADING

I HAVE REVIEWED THE PLANS FOR THE CONSTRUCTION OF THE BUILDING LOCATED AT 1480 DERRY ROAD EAST, MISSISSAUGA, ONTARIO AND HAVE PREPARED THIS PLAN TO INDICATE THE COMPATIBILITY OF THE PROPOSAL TO EXISTING ADJACENT PROPERTIES AND MUNICIPAL SERVICES. IT IS MY BELIEF THAT ADHERENCE TO THE PROPOSED GRADES AS SHOWN WILL PRODUCE ADEQUATE SURFACE DRAINAGE AND PROPER FACILITY OF THE MUNICIPAL SERVICES WITHOUT ANY DETRIMENTAL EFFECT TO THE EXISTING DRAINAGE PATTERNS OR ADJACENT PROPERTIES.

(ABU. S. ZIAUDDIN)
P.ENG.

CITY TRANSPORTATION AND WORKS DEVELOPMENT ENGINEERING NOTES

- ALL SURFACE DRAINAGE WILL BE SELF-CONTAINED, COLLECTED AND DISCHARGED AT A LOCATION TO BE APPROVED PRIOR TO THE ISSUANCE OF A BUILDING PERMIT.
- THE PORTIONS OF THE DRIVEWAY WITHIN THE MUNICIPAL BOULEVARD WILL BE PAVED BY THE APPLICANT TO CITY REQUIREMENTS AND STANDARDS.
- ALL EXCESS EXCAVATED MATERIAL WILL BE REMOVED FROM THE SITE.
- THE EXISTING DRAINAGE PATTERN WILL BE MAINTAINED EXCEPT WHERE NOTED.
- THE APPLICANT WILL BE REQUIRED TO CONTACT ALL UTILITY COMPANIES TO OBTAIN ALL REQUIRED LOCATES PRIOR TO THE INSTALLATION OF HOARDING WITHIN THE MUNICIPAL RIGHT OF WAY.
- THE APPLICANT WILL BE RESPONSIBLE FOR THE COST OF ANY UTILITY RELOCATIONS NECESSITATED BY THE SITE PLAN.
- PRIOR TO CONSTRUCTION TAKING PLACE, ALL REQUIRED HOARDING IN ACCORDANCE WITH THE ONTARIO OCCUPATIONAL HEALTH & SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS MUST BE ERRECTED AND THEN MAINTAINED THROUGHOUT ALL PHASES OF CONSTRUCTION.
- SHOULD ANY WORKS BE REQUIRED WITHIN THE MUNICIPAL RIGHT OF WAY, A ROAD OCCUPANCY PERMIT WILL BE REQUIRED. PUCC APPROVAL WILL BE REQUIRED. FOR FURTHER INFORMATION, PLEASE CONTACT THE PUCC/PERMIT TECHNOLOGIST, LOCATED AT 3185 MAVIS ROAD.

GENERAL NOTES (SITE ALTERATION)

- STANDARD DRAWINGS OF THE CITY OF MISSISSAUGA CONSTITUTE PART OF THE SITE PLAN DRAWING(S).
- ALL CONSTRUCTION WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE REQUIREMENTS OF THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATION FOR CONSTRUCTION PROJECTS.
- THE OWNER AND/OR HIS REPRESENTATIVE SHALL RECTIFY ALL DISTURBED AREAS TO ORIGINAL CONDITION OR BETTER AND TO THE SATISFACTION OF THE CITY.
- THE LOCATION OF ALL UNDER/ABOVE GROUND UTILITIES AND STRUCTURES IS APPROXIMATE ONLY, AND WHERE SHOWN ON THE DRAWING(S) THE ACCURACY OF THE LOCATION OF SUCH UTILITIES IS NOT GUARANTEED. THE OWNER AND/OR HIS CONTRACTOR SHALL DETERMINE THE LOCATION OF ALL SUCH UTILITIES AND STRUCTURES BY CONSULTING THE APPROPRIATE AUTHORITIES OR UTILITY COMPANIES CONCERNED. THE OWNER SHALL PROVE THE LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND SHALL ASSUME ALL LIABILITY FOR DAMAGE OR RESTORATION TO SAME.
- STORM MANHOLES INCLUDING BENCHING SHALL BE IN ACCORDANCE WITH OPSD STANDARD DRAWINGS.
- ALL SANITARY MANHOLES COVERS IN THE PONDING AREAS TO BE WATER TIGHT SEALED COVERS AS PER OPSD 401.030.
- ALL CATCHBASINS SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD DRAWING COMPLETE WITH GOSS TRAPS.
- ALL STM MANHOLES SHALL BE INSTALLED IN ACCORDANCE WITH CITY STANDARD WITH FRAMES AND COVERS AS PER OPSD 401.010 TYPE A. THE STORM SEWER SHALL BE INSTALLED WITH PVC PIPE SDR-35 CSA B182.2-06 CERTIFIED ASTM D 3034-04a. ALL CATCH BASIN MANHOLES SHALL BE INSTALLED WITH OPSD 401.010 TYPE B FRAMES AND COVERS. BENCHING OF MANHOLES AS PER OPSD 701.021.
- SLOPE IN LANDSCAPE AND ON BERMS SHALL NOT EXCEED 3 HORIZONTAL TO 1 VERTICAL.
- DRAINAGE SWALES WITH GRADES (MIN. 2.0%, MAX. 5.0%)
- SILT FENCE(S) TO BE INSTALLED AND MAINTAINED TO PREVENT SILT FLOWING ONTO ADJACENT LANDS.
- SEWER BEDDING AS PER OPSD 802.030 CLASS B FOR RIGID PIPES.
- CATCHBASINS AS PER CITY STD. COMPLETE WITH GOSS TRAPS. FRAMES AND COVERS AS PER OPSD 400.020
- WATERMANN - PVC PIPE SHALL BE CLASS 150, SDR 18 AND MANUFACTURED IN ACCORDANCE TO AWWA SPECIFICATION C900-97.
- THE CONTRACTOR SHALL SITE CONFIRM THE EX. SITE SERVICES AND CONFIRM THE PIPE SIZES, INVERTS AND LOCATIONS BEFORE STARTING ANY CONSTRUCTION WORKS. HE SHALL INFORM THE ENGINEER ANY DISCREPANCIES AND FOR INSTRUCTIONS.
- APPLICANT SHALL COMPLETE THE PROPOSED ALTERATIONS, INCLUDING REINSTATEMENT OF ANY OTHER EXISTING UTILITIES, EXISTING CURB CUTS ETC. CONSTRUCTION WORKS. HE SHALL INFORM THE ENGINEER ANY DISCREPANCIES
- THE FIRE ROUTE IS DESIGNED AS HEAVY DUTY ASPHALT PAVED STRUCTURE SUFFICIENTLY STRONG ENOUGH TO WITHSTAND HEAVY LOADS OF TRUCKS AND FIRE FIGHTING EQUIPMENT; AND ACCESSIBLE UNDER ALL CLIMATE CONDITIONS.

No.	Date	Version	Dwn.
1.	21 FEB. 2020	ISSUED FOR ZBA	AZ

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Contractor must verify all job dimensions, drawings, details and specifications and report any discrepancies to designer before proceeding with work.

PROJECT:
PROPOSED GAS STATION
1480 DERRY ROAD EAST,
MISSISSAUGA, ON.

DRAWING TITLE:
SITE GRADING PLAN

DRAWN BY: AZ	DATE: MAY 15 2018
CHECKED BY: AZ	SCALE: 1:150
PROJECT NO.: 16-90	DRAWING NO.: C1