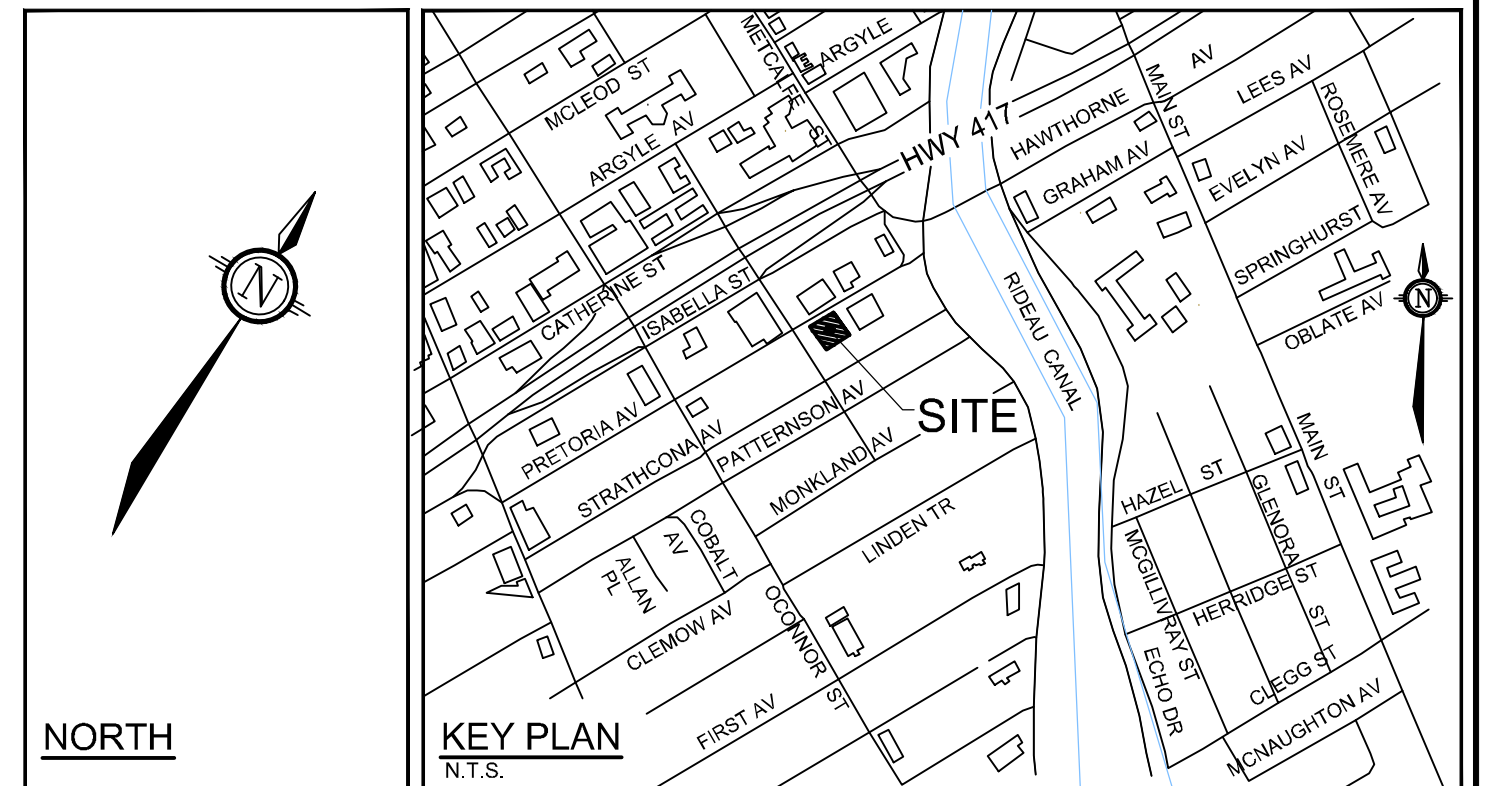


Saide Sayah
SAIDE SAYAH
 MANAGER, CENTRAL BRANCH
 PLANNING, INFRASTRUCTURE & ECONOMIC
 DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

APPROVED
 By Saide Sayah at 12:04 am, Sep 09, 2020



LEGEND

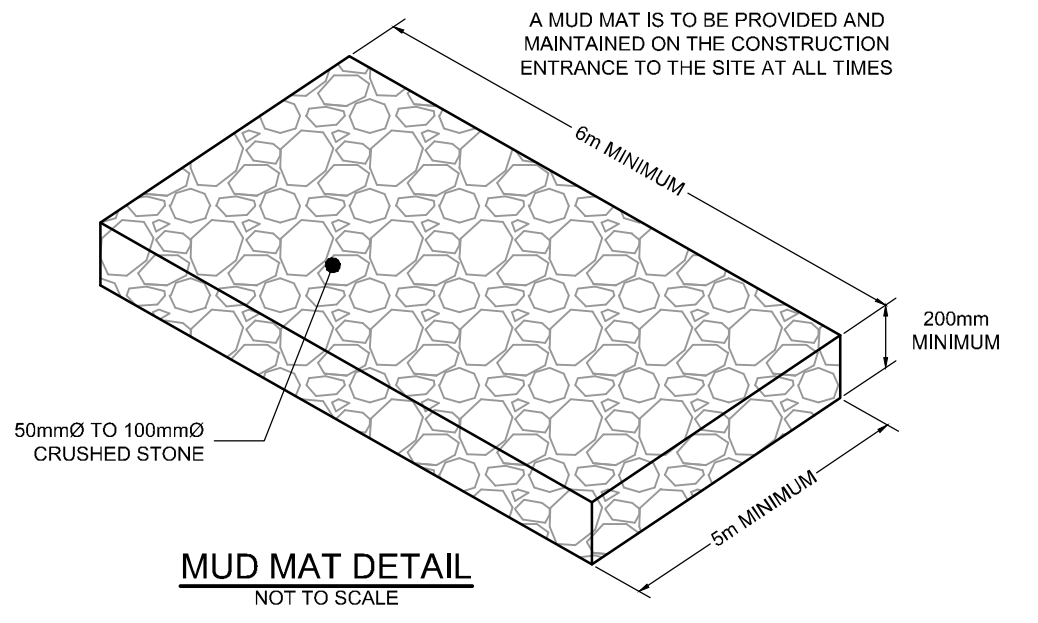
---	PROPERTY LINE	— OHW —	EXISTING OVERHEAD WIRES
DC	PROPOSED BARRIER CURB	---	EXISTING CONCRETE CURB
68.00	PROPOSED DEPRESSED CURB	○ SAMH	EXISTING SANITARY MANHOLE
68.00	PROPOSED RETAINING WALL	○ CBMH	EXISTING CATCHBASIN MANHOLE
68.00	PROPOSED ELEVATION	○ STMMH	EXISTING STORM MANHOLE
68.00	EXISTING ELEVATION	○ CB	EXISTING CATCHBASIN
68.00	EXISTING TOP OF CURB ELEVATION	○ HYD	EXISTING HYDRANT & VALVE
68.00	PROPOSED TOP OF CURB ELEVATION	○ EX UP	EXISTING UTILITY POLE CW GUY WIRES
68.00	PROPOSED TOP OF WALL ELEVATION	---	EXISTING FENCE
68.00	PROPOSED BOTTOM OF WALL ELEVATION	---	EXISTING LIGHT STANDARD
68.00	PROPOSED DOOR SILL ELEVATION	---	INTERLOCK PAVERS REFER TO LANDSCAPE PLAN FOR DETAILS
2.0%	GRADE AND DIRECTION	---	TERRACED SLOPE
---	PROPOSED AREA DECK DRAIN	---	
H.P.	PROPOSED HIGH POINT	---	
---	DIRECTION OF MAJOR OVERLAND FLOW	---	
---	PROPOSED BUILDING ENTRANCE	---	
X	REMOVALS	---	
○ VB	PROPOSED VALVE & VALVE BOX	---	
---	PROPOSED SIMMSE CONNECTION	---	
---	SAWCUT AND ASPHALT REINSTATEMENT	---	

PAVEMENT STRUCTURE:

---	ACCESS LANE (NEW PAVEMENT)
---	40mm HL-3 or SUPERPAVE 12.5
---	50mm HL-3 or SUPERPAVE 19.0
---	150mm GRANULAR "A"
---	400mm GRANULAR "B" TYPE II
---	ASPHALT GRADE PG 58-34

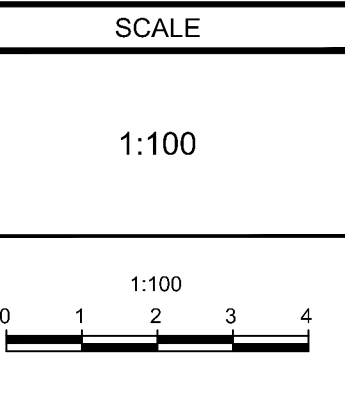
- GENERAL NOTES:**
- COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
 - DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS DRAWING.
 - OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
 - BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR \$2,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED AND THE CITY OF OTTAWA AS THIRD PARTY.
 - RESTORE ALL DISTURBED AREAS ON-SITE AND OFF-SITE, INCLUDING TRENCHES AND SURFACES ON PUBLIC ROAD ALLOWANCES TO EXISTING CONDITIONS OR BETTER TO THE SATISFACTION OF THE CITY OF OTTAWA.
 - REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL UNLESS OTHERWISE INSTRUCTED BY ENGINEER. EXCAVATE AND REMOVE FROM SITE ALL ORGANIC MATERIAL AND DEBRIS. ALL CONTAMINATED MATERIAL (IF ANY) SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
 - ALL ELEVATIONS ARE GEODETIC. SITE BENCHMARK IS A HYDRANT LOCATED AT THE NORTH EAST CORNER OF THE SITE. (TOP OF SPINDLE ELEV. = 67.19).
 - REFER TO GEOTECHNICAL REPORT No. PG4798-2 DATED AUGUST 2, 2019 PREPARED BY PATERSON GROUP, FOR SUBSURFACE CONDITIONS, CONSTRUCTION RECOMMENDATIONS, AND GEOTECHNICAL INSPECTION REQUIREMENTS. THE GEOTECHNICAL CONSULTANT IS TO REVIEW ON-SITE CONDITIONS AFTER EXCAVATION PRIOR TO PLACEMENT OF THE GRANULAR MATERIAL.
 - REFER TO THE DEVELOPMENT SERVICING STUDY AND STORMWATER MANAGEMENT REPORT No. R-2019-116, REVISED DATED MARCH 24, 2020 PREPARED BY NOVATECH.
 - REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARD SURFACE AREAS AND DIMENSIONS.
 - SAW CUT AND KEYGRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STANDARDS (R10). ALL ROAD CUTS TO BE REINSTATED WITH FULL MILL OVERLAY AS PER CITY OF OTTAWA STANDARDS (R10).
 - CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES AND GRADING PLAN INDICATING ALL SERVICING AS-BUILT INFORMATION SHOWN ON THIS PLAN. AS-BUILT INFORMATION MUST INCLUDE: PIPE MATERIAL, SIZES, LENGTHS, SLOPES, INVERT AND T/G ELEVATIONS, STRUCTURE LOCATIONS, VALVE AND HYDRANT LOCATIONS, T/W/E ELEVATIONS, ANY ALIGNMENT CHANGES, AND ALL SURFACE ELEVATION AS BUILT GRADES.

- EROSION AND SEDIMENT CONTROL NOTES:**
- THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES, TO PROVIDE FOR PROTECTION OF THE AREA DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE, DURING CONSTRUCTION ACTIVITIES. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
- THE OWNER AGREES TO PREPARE AND IMPLEMENT AN EROSION AND SEDIMENT CONTROL PLAN TO THE SATISFACTION OF THE CITY OF OTTAWA, APPROPRIATE TO THE SITE CONDITIONS, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.) AND DURING ALL PHASES OF SITE PREPARATION AND CONSTRUCTION IN ACCORDANCE WITH THE CURRENT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL SUCH AS BUT NOT LIMITED TO INSTALLING FILTER CLOTHS ACROSS MANHOLE/CATCHBASIN LIDS TO PREVENT SEDIMENTS FROM ENTERING STRUCTURES AND INSTALL AND MAINTAIN A LIGHT DUTY SILT FENCE BARRIER AS REQUIRED.
 - THE CONTRACTOR SHALL PLACE FILTER BAGS UNDER THE CATCHBASIN AND MANHOLE GRATES FOR THE DURATION OF CONSTRUCTION AND WILL REMAIN IN PLACE DURING ALL PHASES OF CONSTRUCTION.
 - SILT FENCING FOR ENTIRE PERIMETER OF SITE, SHALL BE UTILIZED TO CONTROL EROSION FROM THE SITE DURING CONSTRUCTION.
 - PROVIDE MUD MATS AT ALL CONSTRUCTION ACCESS POINTS TO MINIMIZE SEDIMENT TRANSPORT OFFSITE.
 - EROSION AND SEDIMENT CONTROL MEASURES MAY BE MODIFIED IN THE FIELD AT THE DISCRETION OF THE CITY OF OTTAWA SITE INSPECTOR OR CONSERVATION AUTHORITY.
 - THE CONTRACTOR IS RESPONSIBLE TO ENSURE ROADS ARE KEPT FREE OF MUD AND DEBRIS.



NOTE:
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

No.	REVISION	DATE	BY	No.	REVISION	DATE	BY
8.	REVISED SIDE YARD GRADING	JUNE 18/20	CJR	1.	ISSUED FOR SITE PLAN APPLICATION	JULY 3/19	CJR
7.	REVISED DRIVEWAY GRADING	JUNE 5/20	CJR	2.	REVISED PER CITY COMMENTS	JAN 28/20	CJR
6.	ISSUED FOR BUILDING PERMIT	MAY 22/20	CJR	3.	REVISED PER CITY COMMENTS	MAR 24/20	CJR
5.	ISSUED FOR FINAL APPROVAL	MAY 14/20	CJR	4.	REVISED PER CITY COMMENTS	APRIL 15/20	CJR
4.	REVISED PER CITY COMMENTS	APRIL 15/20	CJR	5.	ISSUED FOR DAR APPROVAL	AUG 18/20	CJR
3.	REVISED PER CITY COMMENTS	MAR 24/20	CJR				
2.	REVISED PER CITY COMMENTS	JAN 28/20	CJR				
1.	ISSUED FOR SITE PLAN APPLICATION	JULY 3/19	CJR				



FOR REVIEW ONLY

DESIGN	MJH
CHECKED	CJR
DRAWN	MJH
CHECKED	CJR
APPROVED	JLS

PROFESSIONAL ENGINEER
 C.J. RUDDLE
 AUG 18/20
 PROVINCE OF ONTARIO

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 Telephone: (613) 254-9643
 Facsimile: (613) 254-5867
 Website: www.novatech-eng.com

LOCATION CITY OF OTTAWA 24-30 PRETORIA AVENUE		PROJECT No. 119011
DRAWING NAME GRADING AND EROSION & SEDIMENT CONTROL PLAN		REV REV #
		DRAWING No. 119011-GR

D07-12-19-0126