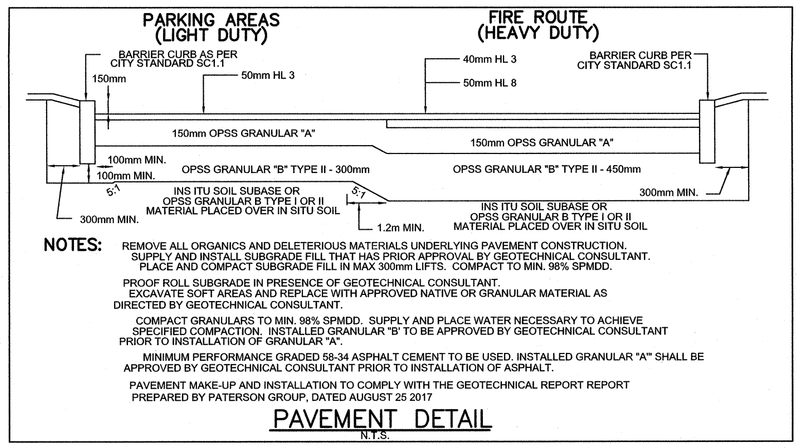
GENERAL NOTES

1. CONTRACTOR IS RESPONSIBLE FOR ALL LAYOUT FOR CONSTRUCTION.
2. ALL ELEVATIONS ARE GEODETIC AND UTILIZE METRIC UNITS.
3. JOB BENCH MARK – CONFIRM WITH exp SERVICES INC. PRIOR TO UTILIZATION.
4. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE STATED. ALL DRAWINGS SHOULD NOT BE SCALED BY THE CONTRACTOR. ANY MISSING OR QUESTIONABLE DIMENSIONS ARE TO BE CONFIRMED WITH THE CONSULTANT IN WRITING.
5. CONSTRUCTION SHALL BE IN ACCORDANCE WITH CITY OF OTTAWA AND ONTARIO PROVINCIAL STANDARD DRAWING SUPPLEMENTS WHERE APPLICABLE AND ONTARIO PROVINCIAL STANDARDS SHALL APPLY WHERE NO CITY STANDARDS ARE AVAILABLE.
6. ANY DISCREPANCIES, INTERPRETATIONS, CHANGES AND ADDITIONS TO THESE DRAWINGS MUST BE BROUGHT TO THE ATTENTION OF THE ENGINEER, WHEN NOTED AND BEFORE PROCEEDING WITH CONSTRUCTION WORKS.
7. REFER TO ARCHITECT'S SITE PLAN FOR BUILDING DIMENSIONS AND SITE LAYOUT. DIMENSIONS AND LAYOUT INFORMATION SHALL BE CONFIRMED PRIOR TO COMMENCEMENT OF CONSTRUCTION.
8. REFER TO THE LANDSCAPE ARCHITECT'S PLAN FOR SIDEWALK, PATHWAYS, PLANTING AND OTHER LANDSCAPE FEATURE MATERIALS AND LOCATIONS.
9. FOR GEOTECHNICAL INFORMATION REFER TO THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY PATERSON GROUP DATED NOVEMBER 2018.
10. ALL DISTURBED AREAS TO BE REINSTATED TO EQUAL OR BETTER CONDITION. ALL NEW WORK SHALL TIE INTO EXISTING.
11. ALL GROUND SURFACES SHALL BE EVENLY GRADED WITHOUT PONDING AREAS AND WITHOUT LOW POINTS EXCEPT WHERE APPROVED SWALE OR CATCHBASIN OUTLETS ARE PROVIDED.
12. ALL EDGES OF DISTURBED PAVEMENT SHALL BE SAWCUT TO FORM A NEAT AND STRAIGHT LINE PRIOR TO PLACING NEW PAVEMENT.
13. CONTRACTOR IS TO COMPLY WITH THE CITY OF OTTAWA REQUIREMENTS FOR TRAFFIC CONTROL WHEN WORKING ON CITY STREETS.
14. ALL MATERIAL SUPPLIED AND PLACED FOR PARKING LOT AND ACCESS ROAD CONSTRUCTION SHALL BE TO CITY OF OTTAWA AND OPSS STANDARDS AND SPECIFICATIONS UNLESS OTHERWISE NOTED (CONSTRUCTION OPSS 206, 310 & 314 MATERIALS OPSS 1001, 1003 & 1010).
15. THE CONTRACTOR SHALL CONFIRM LOCATIONS AND ELEVATIONS OF EXISTING SERVICES AND STRUCTURES TO BE CONNECTED TO AND EXISTING SERVICES THAT MAY BE DAMAGED OR CAUSE CONFLICTS PRIOR TO CONSTRUCTION OF ANY NEW SEWER, WATER AND/OR STORM WATER WORKS. THE ENGINEER SHALL BE INFORMED IMMEDIATELY OF ANY ERRORS, DISCREPANCIES, CONFLICTS, OMISSIONS etc THAT ARE FOUND. DO NOT CONTINUE CONSTRUCTION IN AREAS WHERE DISCREPANCIES APPEAR UNTIL SUCH DISCREPANCIES HAVE BEEN RESOLVED.
16. THE CONTRACTOR SHALL PROTECT ANY SUCH EXISTING SERVICES & FACILITIES. SUCH REQUIRED MEASURES INCLUDE, BUT ARE NOT LIMITED TO: ENSURE ALL CONCERNED UTILITIES HAVE LOCATED THEIR PLANT PRIOR TO ANY EXCAVATING, LOCATE AND FLAG/PAINT THE LOCATIONS OF OTHER U/G PLANT WHICH MIGHT BE DAMAGED BY EXCAVATION AND CONSTRUCTION TRAFFIC, HAND DIG IN PROXIMITY TO EXISTING BURIED SERVICES TO LOCATE THEM WITHOUT ANY RESULTING DAMAGE, BRACE AND SUPPORT WHERE REQUIRED.
17. THE CONTRACTOR SHALL IMPLEMENT BEST MANAGEMENT PRACTICES FOR THE PROTECTION OF THE AREA'S DRAINAGE SYSTEM AND THE RECEIVING WATERCOURSE DURING CONSTRUCTION ACTIVITIES. THIS INCLUDES LIMITING THE AMOUNT OF EXPOSED SOIL, USING FILTER CLOTH UNDER GRATES OF CATCHBASINS AND MANHOLES AND INSTALLING SILT FENCES AND OTHER EFFECTIVE SEDIMENT TRAPS. THE CONTRACTOR ACKNOWLEDGES THAT FAILURE TO IMPLEMENT APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES MAY BE SUBJECT TO PENALTIES IMPOSED BY ANY APPLICABLE REGULATORY AGENCY.
18. DESIGN ELEVATIONS GIVEN ON THESE PLANS ARE TO BE ADHERED TO WITH NO CHANGES WITHOUT PRIOR WRITTEN APPROVAL BY exp SERVICES INC. SURFACE PONDING STORAGE VOLUMES AND INLET CONTROL DEVICE DIMENSIONS MUST COMPLY WITH THE DESIGN REPORT PREPARED BY exp SERVICES INC FOR THIS PROJECT.
19. THE CONTRACTOR IS RESPONSIBLE FOR AND SHALL PROVIDE FOR DEWATERING, SUPPORT AND PROTECTION OF EXCAVATIONS AND TRENCHING AS WELL AS RELEASE OF ANY PUMPED GROUND WATER IN A CONTROLLED AND APPROVED MANNER. THE CONTRACTOR SHALL APPLY FOR A PERMIT TO TAKE WATER FROM THE MINISTRY OF ENVIRONMENT IF MORE THAN 50,000 LITRES PER/DAY OF GROUNDWATER IS PUMPED FOR CONSTRUCTION ACTIVITIES.
20. FOR TOPOGRAPHICAL INFORMATION REFER TO PLAN PREPARED BY FAIRHALL MOFFATT & WOODLAND LTD. FOR LEGAL PROPERTY LINE DESCRIPTIONS.
21. CITY INSPECTOR IS TO NOTIFIED OF ANY WORKS IN THE ROW WITH SUFFICIENT NOTICE.
22. CLAY SEAL TO BE AS PER OPSD 802.095.
23. SHOULD ANY CONDITIONS AT THE SITE BE ENCOUNTERED WHICH DIFFER FROM THE TEST LOCATIONS IDENTIFIED IN THE GEOTECHNICAL REPORT, PATERSON'S GEOTECHNICAL ENGINEER IS TO BE NOTIFIED IMMEDIATELY IN ORDER TO PERMIT REASSESSMENT OF THE GEOTECHNICAL RECOMMENDATIONS.
24. REFER TO THE REDI-ROCK SEGMENTAL RETAINING WALL DESIGN FOR RETAINING WALL DETAILS PREPARED BY PATERSON GROUP DATED NOVEMBER 2018.

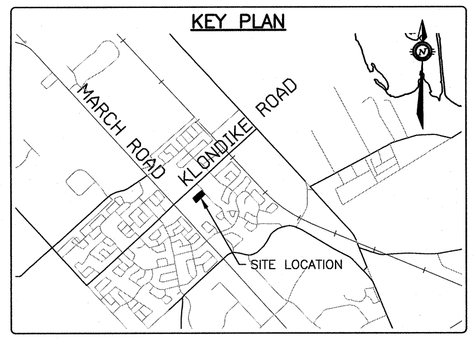
ROADWAYS & CURBS

1. ASPHALT REINSTATEMENT AS PER CITY OF OTTAWA STANDARD DRAWING R10.
2. CURBS TO BE CONCRETE BARRIER CURBS AS PER CITY OF OTTAWA STANDARD DRAWING SC1.1.
3. THE CONTRACTOR SHALL COMPLETE ALL RESTORATION WITHIN CITY ROW's TO A CONDITION EQUAL TO ORIGINAL OR BETTER AND TO THE SATISFACTION OF THE MUNICIPAL AUTHORITIES.
4. THE EXISTING PRIVATE APPROACH IS TO BE REMOVED AS PART OF PHASE 2 WORK. RIGHT-OF-WAY TO BE REINSTATED TO THE SATISFACTION OF THE CITY OF OTTAWA.



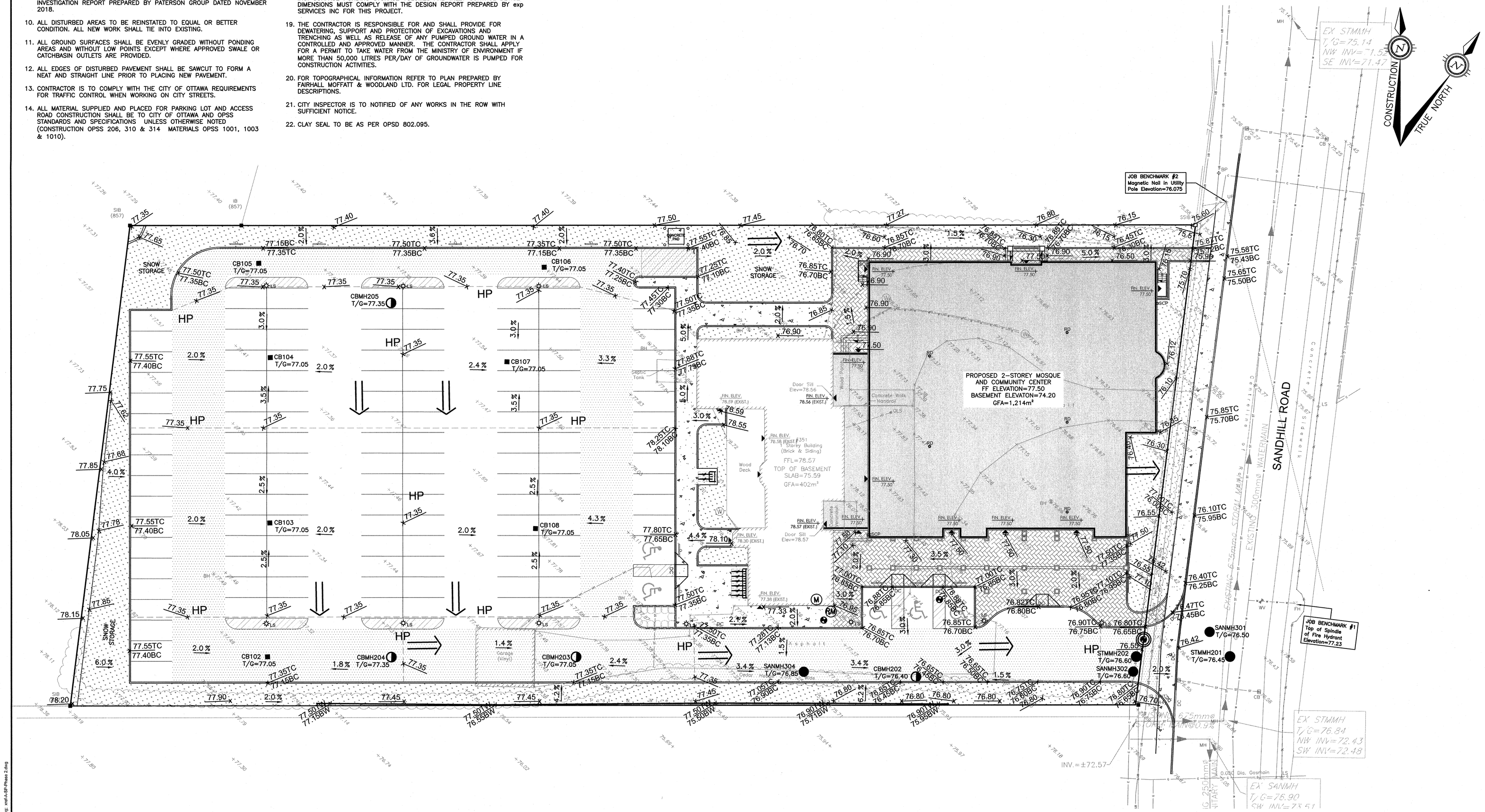
NOTES:
REMOVE ALL ORGANICS AND DELETERIOUS MATERIALS UNDERLYING PAVEMENT CONSTRUCTION.
SUPPLY AND INSTALL SUBGRADE FILL THAT HAS PRIOR APPROVAL BY GEOTECHNICAL CONSULTANT.
PLACE AND COMPACT SUBGRADE FILL IN MAX 300mm LIFTS. COMPACT TO MIN. 98% SPMDD.
PROOF ROLL SUBGRADE IN PRESENCE OF GEOTECHNICAL CONSULTANT.
EXCAVATE SOFT AREAS AND REPLACE WITH APPROVED NATIVE OR GRANULAR MATERIAL AS DIRECTED BY GEOTECHNICAL CONSULTANT.
COMPACT GRANULARS TO MIN. 98% SPMDD. SUPPLY AND PLACE WATER NECESSARY TO ACHIEVE SPECIFIED COMPACTION. INSTALLED GRANULAR "B" TO BE APPROVED BY GEOTECHNICAL CONSULTANT PRIOR TO INSTALLATION OF GRANULAR "A".
MINIMUM PERFORMANCE GRADED 58-34 ASPHALT CEMENT TO BE USED. INSTALLED GRANULAR "A" SHALL BE APPROVED BY GEOTECHNICAL CONSULTANT PRIOR TO INSTALLATION OF ASPHALT.
PAVEMENT MAKE-UP AND INSTALLATION TO COMPLY WITH THE GEOTECHNICAL REPORT REPORT PREPARED BY PATERSON GROUP, DATED AUGUST 25 2017

PAVEMENT DETAIL
N.T.S.



LEGEND

- SIB – STANDARD IRON BAR
- IB – IRON BAR
- CB – CATCH BASIN
- MH – MANHOLE
- WMH – WATER MANHOLE
- LS – LAMP STANDARD
- UP – UTILITY POLE
- WV – WATER VALVE
- FH – FIRE HYDRANT
- W – WELL
- GUY WIRE AND ANCHOR
- W – WATERMAIN
- OVERHEAD UTILITY WIRES
- UH – UNDERGROUND HYDRO
- UB – UNDERGROUND BELL
- G – GAS MAIN
- C – CABLE (ROGERS)
- SL – STREET LIGHT
- ST – STORM SEWER
- S – SANITARY SEWER
- CURB
- PROPOSED CURB
- PROPOSED WATERMAIN
- PROPOSED STORM SEWER
- PROPOSED SANITARY SEWER
- PROPOSED CLAY SEAL AT 60m INTERVALS
- PROPOSED SANITARY MANHOLE
- PROPOSED STORM MANHOLE
- PROPOSED STORM CATCHBASIN MANHOLE
- PROPOSED STORM CATCHBASIN
- PROPOSED FIRE HYDRANT
- V&VB – PROPOSED VALVE & VALVE BOX
- V&VC – PROPOSED VALVE & VALVE CHAMBER
- M – PROPOSED WATER METER
- RM – PROPOSED REMOTE WATER METER
- LS – PROPOSED LIGHT STANDARD
- 76.40 – PROPOSED ELEVATION
- EXISTING ELEVATION
- PROPOSED HEAVY DUTY PAVEMENT
- PROPOSED LIGHT DUTY PAVEMENT
- PROPOSED CONCRETE SIDEWALK
- HP – HIGH POINT
- OVERLAND FLOW DIRECTION


JOB BENCHMARK #2
Magnetic Nail in Utility Pole Elevation=76.075
JOB BENCHMARK #1
Top of Spindle of Fire Hydrant Elevation=77.23
PROPOSED 2-STOREY MOSQUE AND COMMUNITY CENTER
FF ELEVATION=77.50
BASEMENT ELEVATON=74.20
GFA=1,214m²
FFL=78.57
TOP OF BASEMENT SLAB=75.59
GFA=402m²
EX STMMH
T/G=75.14
NW INV=71.57
SE INV=71.47
EX STMMH
T/G=76.84
NW INV=72.43
SW INV=72.48
EX SANMH
T/G=76.90
SW INV=73.51
INV.=±72.57
SANDHILL ROAD
CONSTRUCTION
TRUE NORTH
SNOW STORAGE
CB105 T/G=77.05
CB104 T/G=77.05
CB103 T/G=77.05
CB102 T/G=77.05
CB106 T/G=77.05
CB107 T/G=77.05
CB108 T/G=77.05
CBMH205 T/G=77.35
CBMH204 T/G=77.35
CBMH203 T/G=77.05
CBMH202 T/G=76.40
SANMH304 T/G=76.85
STMMH202 T/G=76.60
SANMH302 T/G=76.60
SANMH301 T/G=76.50
STMMH201 T/G=76.45
Septic Tank
Wood Deck
Concrete Walk — Handrail
Garage (Integ.)
Asphalt
Cedar Hedge
Door Sill Elev=78.56
Door Sill Elev=78.57
Door Sill Elev=78.30
FIN. ELEV. 78.59 (EXIST.)
FIN. ELEV. 78.56 (EXIST.)
FIN. ELEV. 78.58 (EXIST.)
FIN. ELEV. 78.57 (EXIST.)
FIN. ELEV. 78.30 (EXIST.)
FIN. ELEV. 77.38 (EXIST.)
FIN. ELEV. 77.50
FIN. ELEV. 77.30
FIN. ELEV. 77.80
FIN. ELEV. 77.90
FIN. ELEV. 77.33
FIN. ELEV. 77.00
FIN. ELEV. 76.90
FIN. ELEV. 76.80
FIN. ELEV. 76.75
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