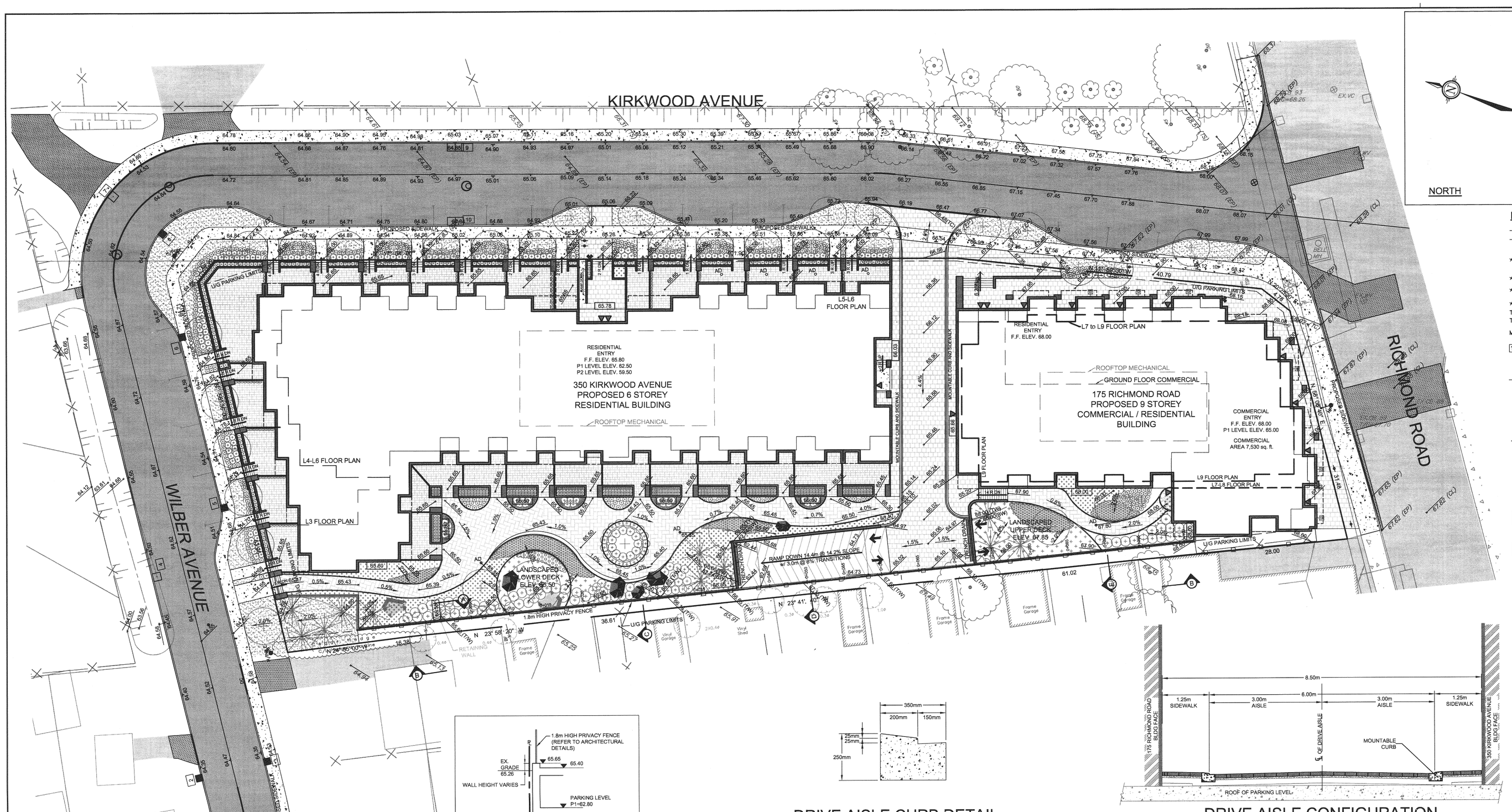
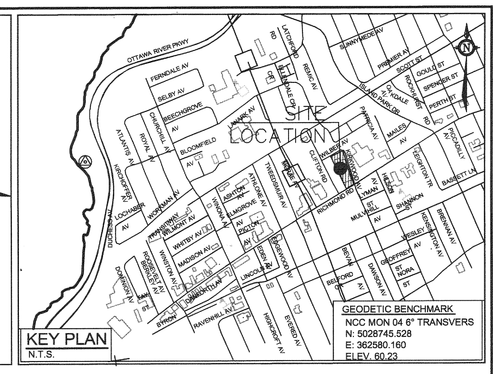




LEGEND

- ℄ SWALE AND DIRECTION OF FLOW
- DRAINAGE EASEMENT LIMIT
- 127.55 / 127.55 — PROPOSED ELEVATION / *EXISTING ELEVATION*
- 127.55(S) — PROPOSED SWALE ELEVATION
- 127.55(B) — PROPOSED BERM ELEVATION
- T/G=127.55 — PROPOSED TOP OF GRATE ELEVATION
- T/E= — TERRACE ELEVATION
- T/F= — TOP OF FOOTING ELEVATION
- MUSF= — MINIMUM UNDERSIDE OF FOOTING ELEVATION
- 127.55 — PROPOSED TERRACE ELEVATION
- 64,42 — FUTURE ROAD ELEVATION
- MAXIMUM 3: 1 SIDESLOPE
- 3.2% — DRIVEWAY GRADE
- 2.0% — REARYARD GRADE AND DIRECTION
- HYD — PROPOSED HYDRANT LOCATION
- T/F=127.55 — PROPOSED TOP OF BOTTOM FLANGE
- CB — PROPOSED ROAD CATCHBASIN
- RYCB — PROPOSED REARYARD CATCHBASIN
- DICB — PROPOSED DITCH INLET CATCHBASIN
- PROPOSED STREETLIGHT
- PROPOSED ROADWAY
- PROPOSED ROADWAY REINSTATEMENT AS PER CITY OF OTTAWA R10
- EXISTING ROADWAY

GENERAL NOTES:

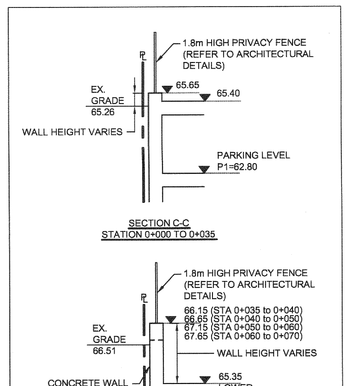
1. COORDINATE AND SCHEDULE ALL WORK WITH OTHER TRADES AND CONTRACTORS.
2. DETERMINE THE EXACT LOCATION, SIZE, MATERIAL AND ELEVATION OF ALL EXISTING UTILITIES PRIOR TO COMMENCING CONSTRUCTION. PROTECT AND ASSUME RESPONSIBILITY FOR ALL EXISTING UTILITIES WHETHER OR NOT SHOWN ON THIS DRAWING.
3. OBTAIN ALL NECESSARY PERMITS AND APPROVALS FROM THE CITY OF OTTAWA BEFORE COMMENCING CONSTRUCTION.
4. BEFORE COMMENCING CONSTRUCTION OBTAIN AND PROVIDE PROOF OF COMPREHENSIVE, ALL RISK AND OPERATIONAL LIABILITY INSURANCE FOR $5,000,000.00. INSURANCE POLICY TO NAME OWNERS, ENGINEERS AND ARCHITECTS AS CO-INSURED.
5. 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 AND ENGINEER.
6. REMOVE FROM SITE ALL EXCESS EXCAVATED MATERIAL, ORGANIC MATERIAL AND DEBRIS UNLESS OTHERWISE INSTRUCTED BY ENGINEER, EXCAVATE AND REMOVE FROM SITE ANY CONTAMINATED MATERIAL. ALL CONTAMINATED MATERIAL SHALL BE DISPOSED OF AT A LICENSED LANDFILL FACILITY.
7. ALL ELEVATIONS ARE GEODETIC.
8. REFER TO ARCHITECT'S AND LANDSCAPE ARCHITECT'S DRAWINGS FOR BUILDING AND HARDSURFACE AREAS AND DIMENSIONS.
9. REFER TO STORM WATER MANAGEMENT AND SERVICING BRIEF REPORT(R-2011-170 - OCTOBER 2011) PREPARED BY NOVATECH ENGINEERING CONSULTANTS LTD.
10. SAW CUT AND KEY GRIND ASPHALT AT ALL ROAD CUTS AND ASPHALT TIE IN POINTS AS PER CITY OF OTTAWA STAN DARDS (R10).
11. PROVIDE LINE/PARKING PAINTING.
12. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GENERAL PLAN OF SERVICES 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/WM ELEVATIONS AND ANY ALIGNMENT CHANGES, ETC.
13. DESIGN AS PER BY-LAW REGULATIONS, CITY STANDARDS AND GOOD ENGINEERING PRACTICE.

GEOTECHNICAL REPORT:

1. REFER TO GEOTECHNICAL INVESTIGATION (PGxxxx-xxx.xx JAN. 2011) PREPARED BY PATERSON GROUP CONSULTING ENGINEERS.

GRADING NOTES:

1. ALL TOPSOIL, ORGANIC OR DELETERIOUS MATERIAL MUST BE ENTIRELY REMOVED FROM BENEATH THE PROPOSED PAVED AREAS AS DIRECTED BY THE SITE ENGINEER OR GEOTECHNICAL ENGINEER.
2. EXPOSED SUBGRADES IN PROPOSED PAVED AREAS SHOULD BE PROOF ROLLED WITH A LARGE STEEL DRUM ROLLER AND INSPECTED BY THE GEOTECHNICAL ENGINEER PRIOR TO THE PLACEMENT OF GRANULARS.
3. ANY SOFT AREAS EVIDENT FROM THE PROOF ROLLING SHOULD BE SUB-EXCAVATED AND REPLACED WITH SUITABLE MATERIAL THAT IS FROST COMPATIBLE WITH THE EXISTING SOILS AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
4. THE GRANULAR BASE SHOULD BE COMPACTED TO AT LEAST 100% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE. ANY ADDITIONAL GRANULAR FILL USED BELOW THE PROP OSED SUB-BASE SHOULD BE COMPACTED TO AT LEAST 95% OF THE STANDARD PROCTOR MAXI MUM DRY DENSITY VALUE.
5. MINIMUM OF 2% GRADE FOR ALL GRASS AREAS UNLESS OTHERWISE NOTED.
6. MAXIMUM TERRACING GRADE TO BE 3:1 UNLESS OTHERWISE NOTED.
7. ALL GRADES BY CURBS ARE EDGE OF PAVEMENT GRADES UNLESS OTHERWISE INDICATED.
8. ALL CURBS SHALL BE BARRIER CURB (150mm) UNLESS OTHERWISE NOTED AND CONSTRUCTED AS PER CITY OF OTTAWA STAN DARDS (SC1.1).
9. REFER TO LANDSCAPE PLAN FOR PLANTING AND OTHER LANDSCAPE FEATURE DETAILS.
10. CONTRACTOR TO PROVIDE THE CONSULTANT WITH A GRADING PLAN INDICATING AS-BUILT ELEVATIONS OF ALL DESIGN GRADES SHOWN ON THIS PLAN.

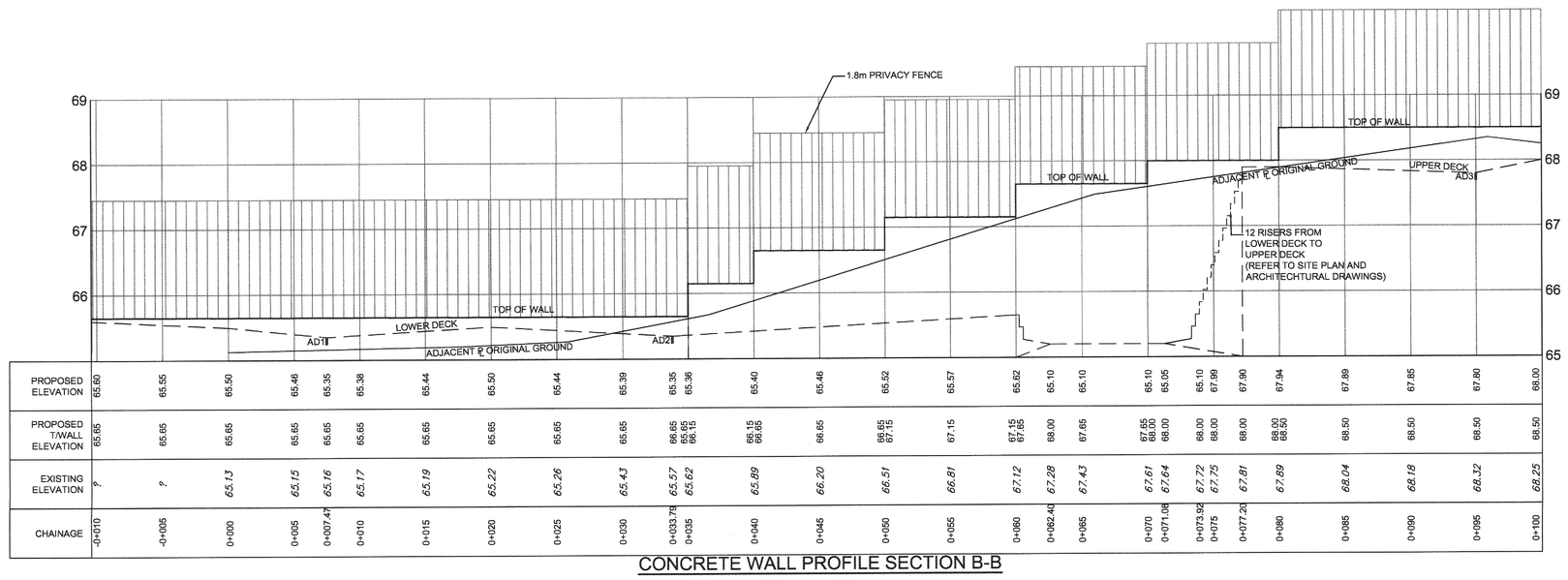


DRIVE AISLE CURB DETAIL

SCALE = 1:10

DRIVE AISLE CONFIGURATION

SCALE = 1:50



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