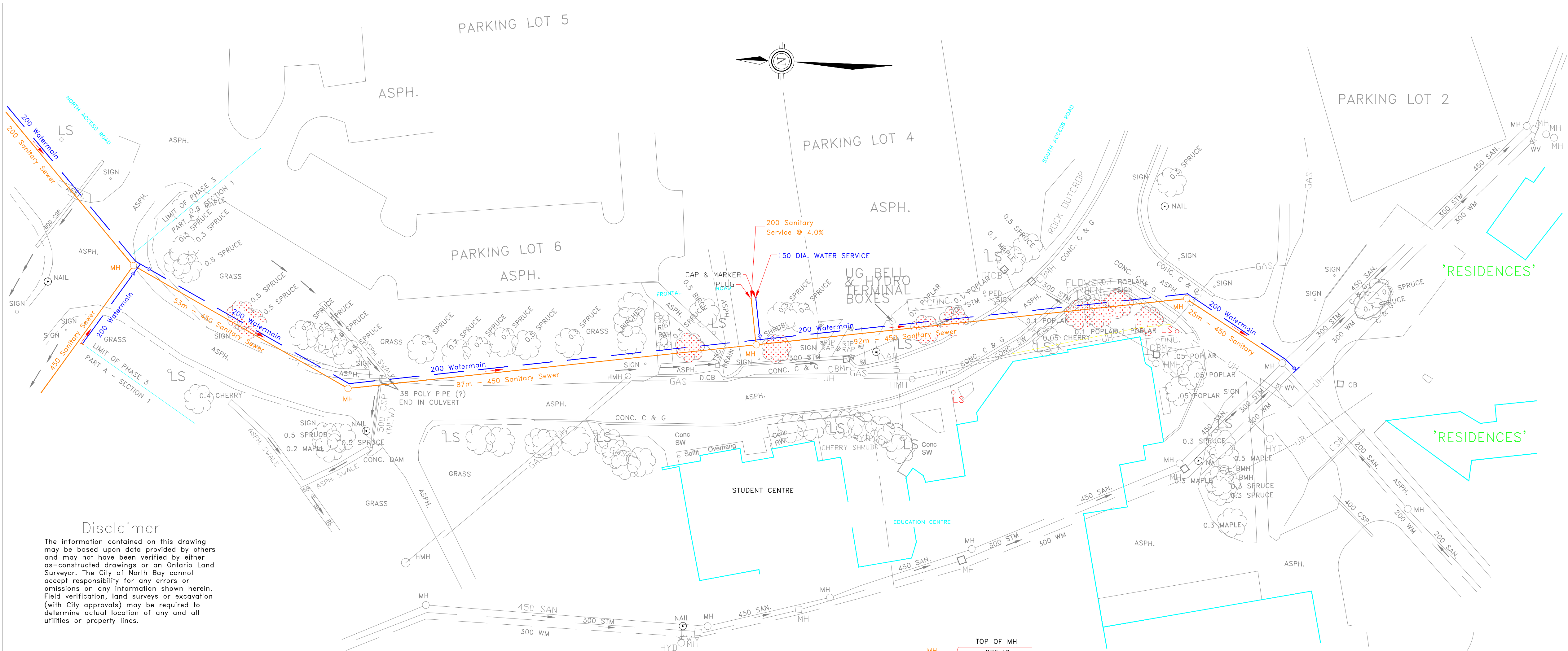




Disclaimer

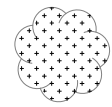
The information contained on this drawing may be based upon data provided by others and may not have been verified by either as-constructed drawings or an Ontario Land Surveyor. The City of North Bay cannot accept responsibility for any errors or omissions on any information shown herein. Field verification, land surveys or excavation (with City approvals) may be required to determine actual location of any and all utilities or property lines.

- NOTES:
1. THE LOCATIONS AS WELL AS THE COMPLETENESS OF THE EXISTING UNDERGROUND UTILITIES AS SHOWN ARE APPROXIMATE. EXCAVATION TO DETERMINE ACTUAL LOCATIONS MAY BE REQUIRED PRIOR TO INSTALLATION OF PORTIONS OF THIS PROJECT.
 2. LOCATES BY THE APPROPRIATE UTILITY SHALL BE OBTAINED PRIOR ANY EXCAVATION.
 3. WHERE ANY WATERMAIN CROSSES ABOVE A SEWER (STORM OR SANITARY) AND WITHIN 150mm, THE WATERMAIN SHALL BE BEDDED WITH LEAN CONCRETE THE FULL WIDTH OF THE TRENCH AND TO 1m FROM THE CENTRELINE OF THE SEWER.
 4. WHERE ANY WATERMAIN CROSSES BELOW A SEWER (STORM OR SANITARY) 0.50m MINIMUM CLEAR SEPARATION SHALL BE ENSURED. ALSO THE WATERMAIN COVER MATERIAL SHALL EXTEND UP TO THE BOTTOM OF THE SEWER BEDDING. AS WELL PIPE JOINTS IN BOTH THE WATERMAIN AND THE SEWER SHALL BE KEPT AS FAR APART AS IS PRACTICAL.
 5. ALL GRASS AREAS DISTURBED BY GRADING OPERATIONS SHALL BE TOPSOILED AND SODDED UNLESS INDICATED OTHERWISE. PAVED AREAS DISTURBED SHALL BE RESTORED WITH NEW PAVEMENTS.
 6. CONCRETE CURB AND GUTTER TO BE AS PER OPSD 600.04 TANGENT SECTION TO BE USED UNLESS INDICATED OTHERWISE.
 7. EVERY EFFORT SHALL BE MADE TO PROTECT EXISTING TREES ALONG THE CONSTRUCTION ROUTE.
 8. DAMAGE TO ROOT MAT AND FOLIAGE OF TREES ALONG THE ROUTE SHALL NOT BE TOLERATED.
 9. ALL TREES REMOVED SHALL BE REPLACE WITH A SIMILAR TYPE OF TREE FROM A NURSERY AND SHALL BE A MINIMUM HEIGHT OF 1.5 METRES.
 10. ACCESS TO THE RESIDENCES AND THE SOUTH ENTRANCE TO THE EDUCATION CENTRE SHALL BE MAINTAINED AT ALL TIMES. THE TENTATIVE DIVERSION ROUTE INDICATED SHALL BE OF GRAVEL AND SHALL BE INSTALLED, MAINTAIN AND REMOVED AS REQUIRED.
 11. REMOVE AND REPLACE LIGHT STANDARDS (L.S.), TERMINAL BOXES, UNDERGROUND CABLES AND SIGNS AS REQUIRED TO FACILITATE INSTALLATION OF THESE WORKS. AS WELL ANY RIP RAP.
 12. REPLACE ALL CONCRETE CURBS & GUTTERS, CONCRETE SIDEWALKS, CONCRETE SLABS, ASPHALT GUTTERS, ASPHALT SIDEWALKS, AND ASPHALT PAVEMENTS REMOVED FOR THE INSTALLATION OF THESE WORKS.

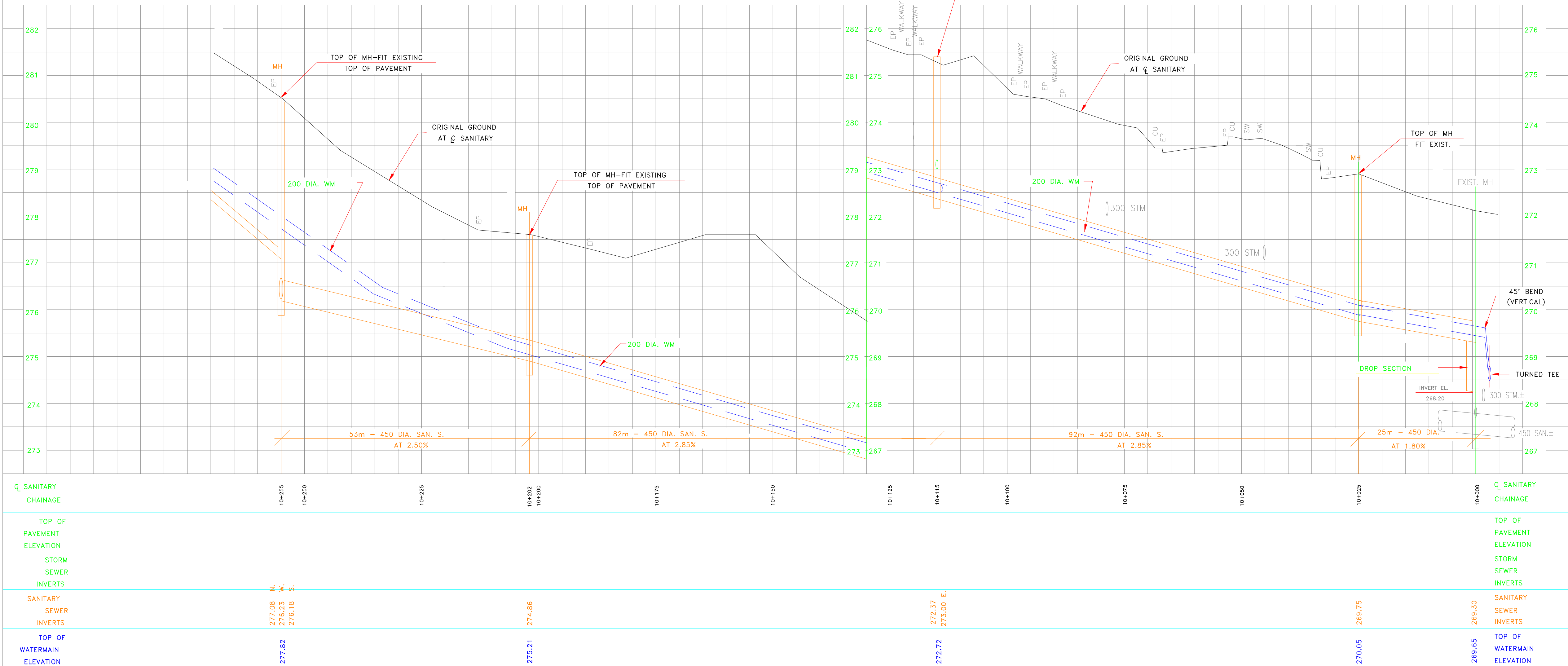
LEGEND

1. TREES TO BE REMOVED.

2. ASPHALT
3. CONCRETE
4. CURB & GUTTER
5. SIDEWALK
6. MAINTENANCE HOLE
7. SANITARY SEWER
8. STORM SEWER
9. WATERMAIN
10. HYDRANT
11. UNDERGROUND BELL
12. UNDERGROUND HYDRO
13. UNDERGROUND GASMAIN
14. HYDRO MAINTENANCE HOLE
15. DITCH INLET CATCHBASIN
16. CATCHBASIN
17. CATCHBASIN MAINTENANCE HOLE
18. DOUBLE CATCHBASIN
19. CORRUGATED STEEL PIPE
20. LIGHT STANDARD
21. RETAINING WALL
22. BOREHOLE
23. ROCKPROBE
24. WATERMAIN THRUST BLOCK REQUIRED.



- ASPH.
CONC.
C. & G.
SW.
MH
SAN.
STM.
WM.
HYD.
UB
UH
GAS
HMH
DICB
CB
CBMH
DCB
CSP
L.S.
RW.
BH
RP
▼



APP'D BY	DETAILS	DATE	No
REVISIONS			
RECOMMENDED BY			
APPROVED BY			
CITY OF NORTH BAY NIPISSING UNIVERSITY CANADORE COLLEGE			
SANITARY SEWER, WATERMAINS AND ROAD RECONSTRUCTION PHASE 3 - PART A - SECTION 1 SANITARY TRUNK AND WATER SERVICE			
EDUCATION CENTRE FROM SOUTH OF THE EDUCATION CENTRE TO THE ENTRANCE TO PARKING LOTS 7&8			
northland engineering limited			
Consulting Engineers and Planners			
NORTH BAY			
SUBBURY			
DRAWN BY: R.E.A.		DATE: APRIL 1999	
CHECKED BY: R.E.A.		SCALE: HORIZ. 1 : 500 VERT. 1 : 50	
CAD FILE: 4341ED01_21			
OFFICE: NORTH BAY		PROJECT No: 4341	
		DRAWING No: C-1175	
		REV.	