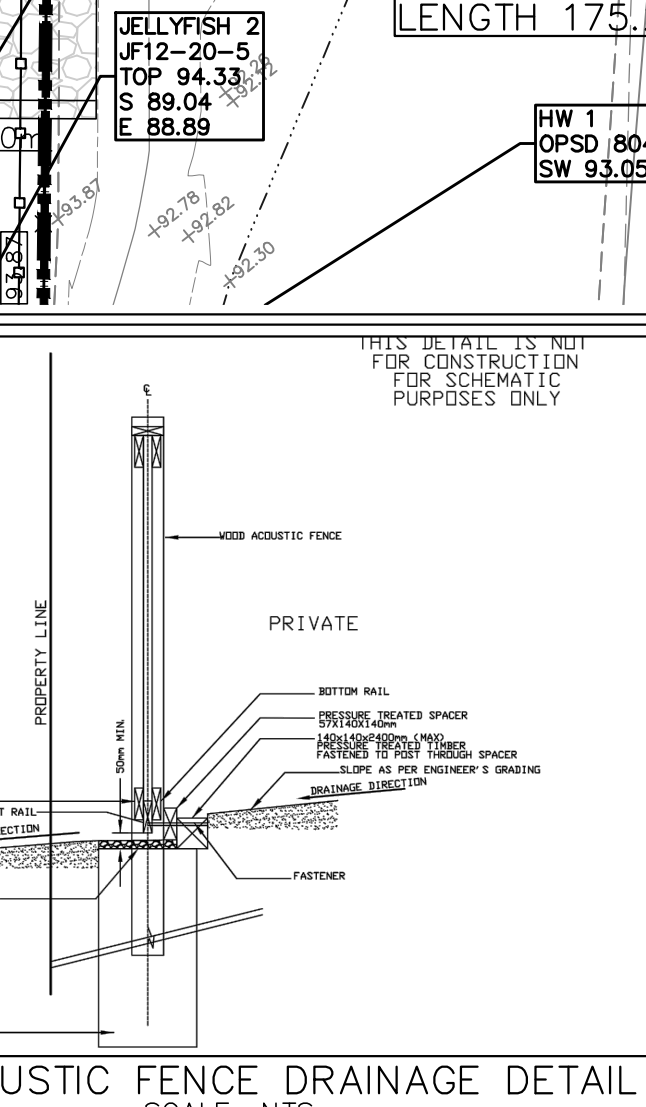
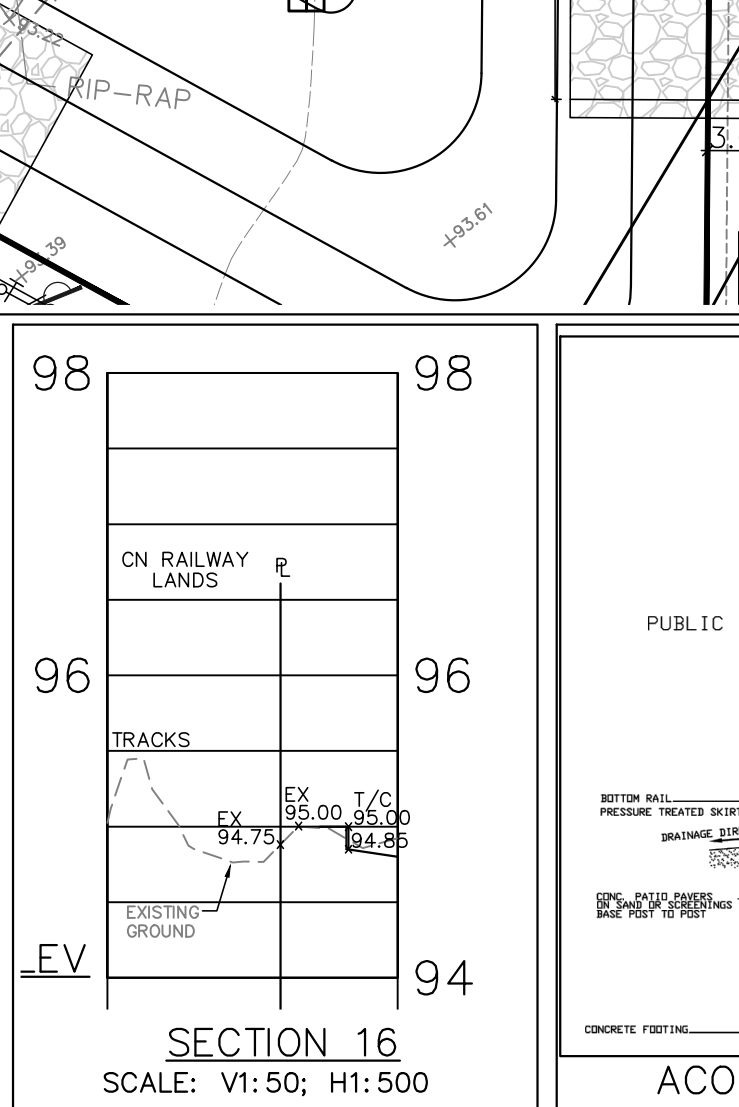
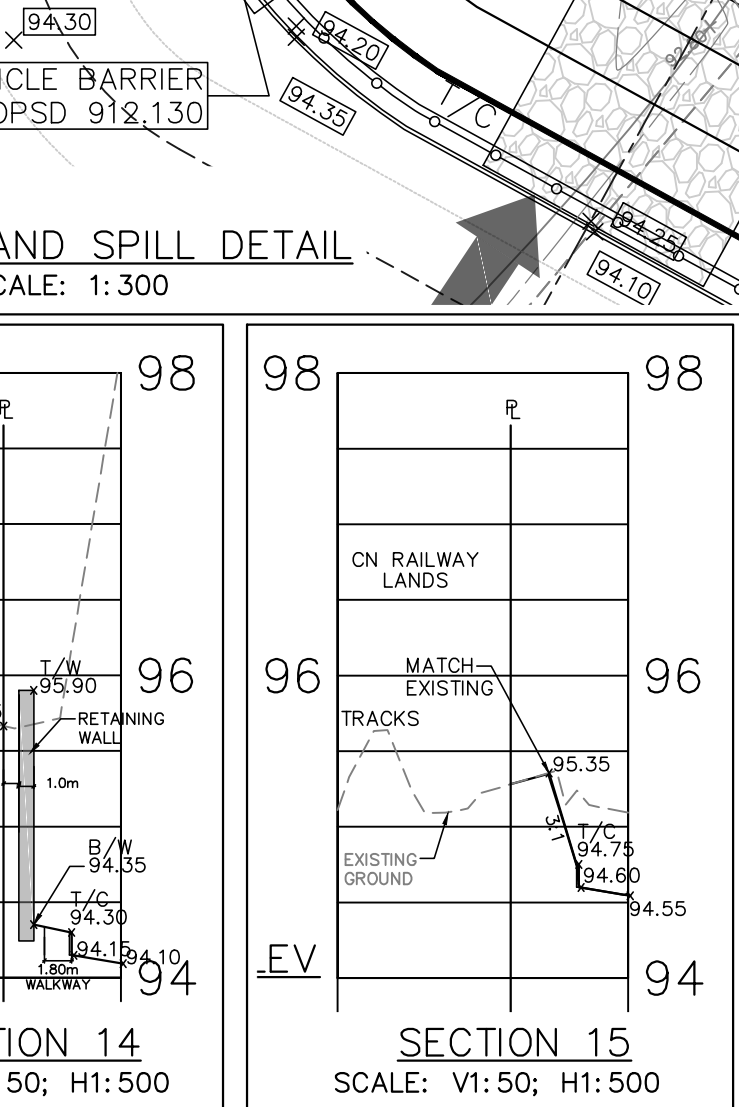
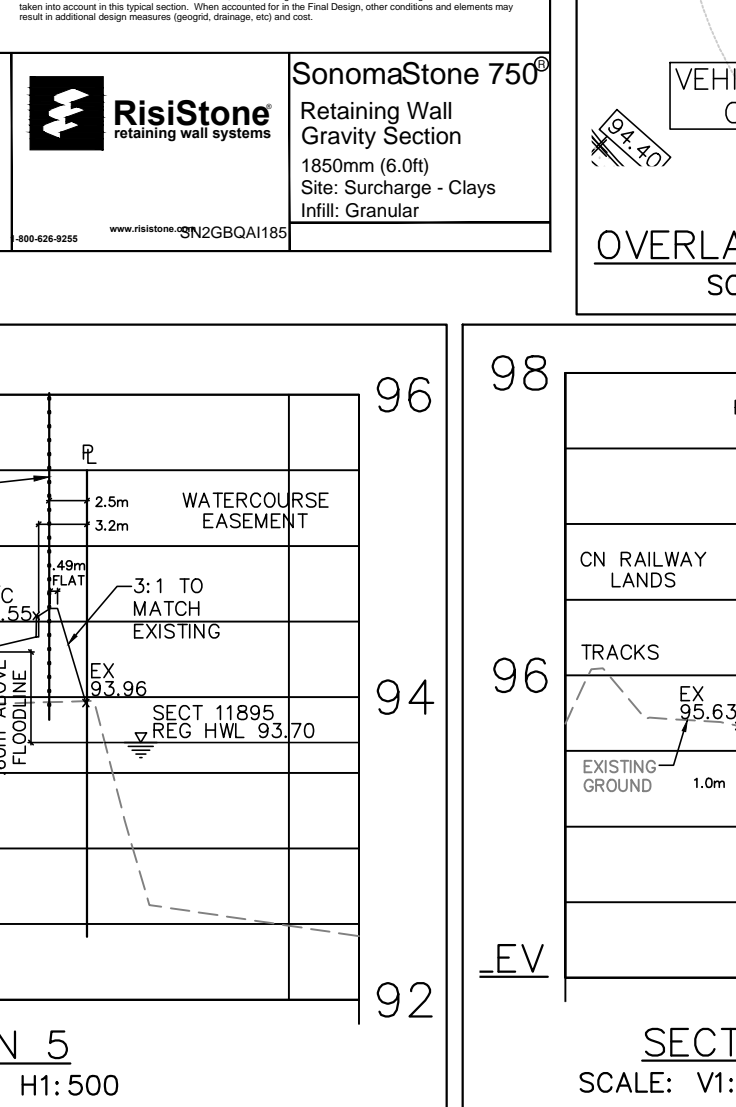
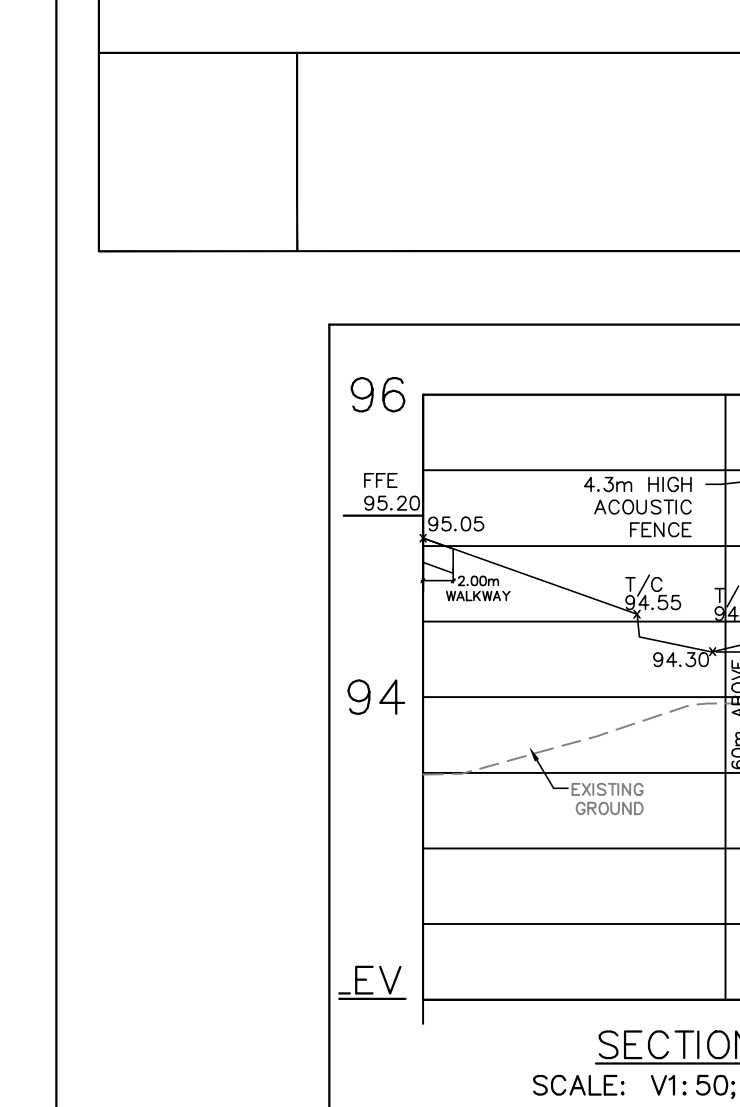
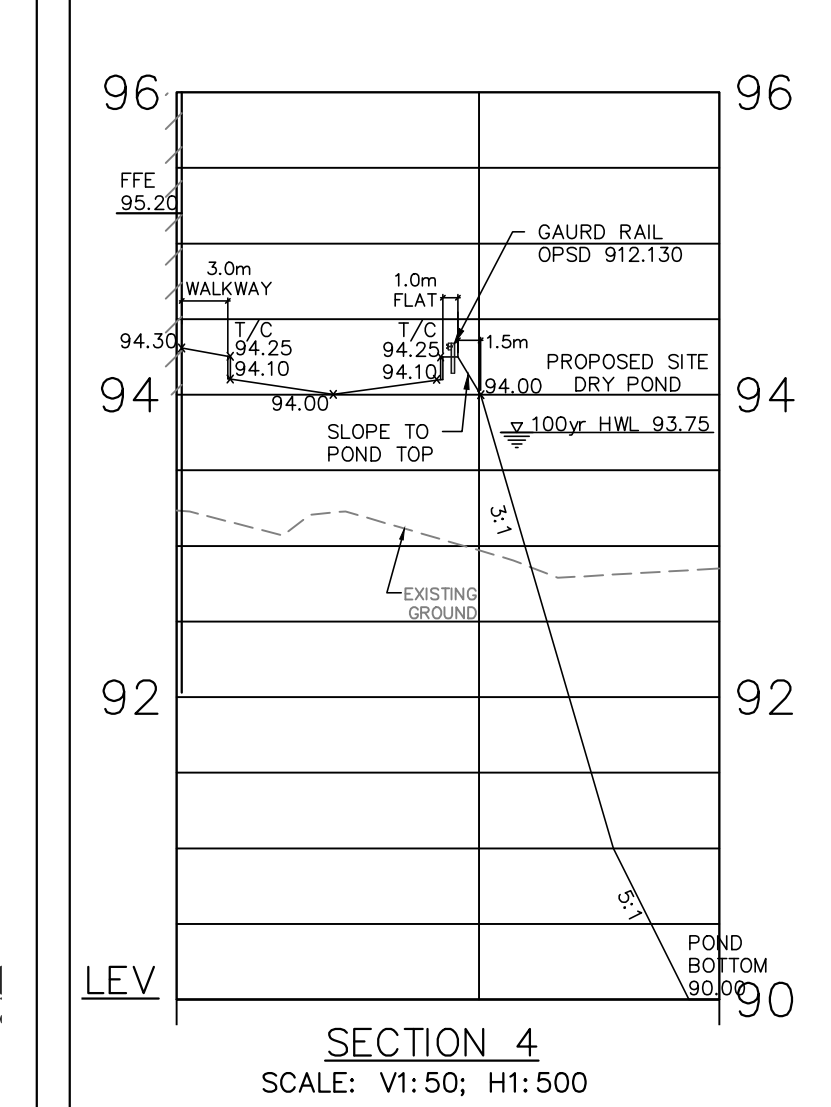
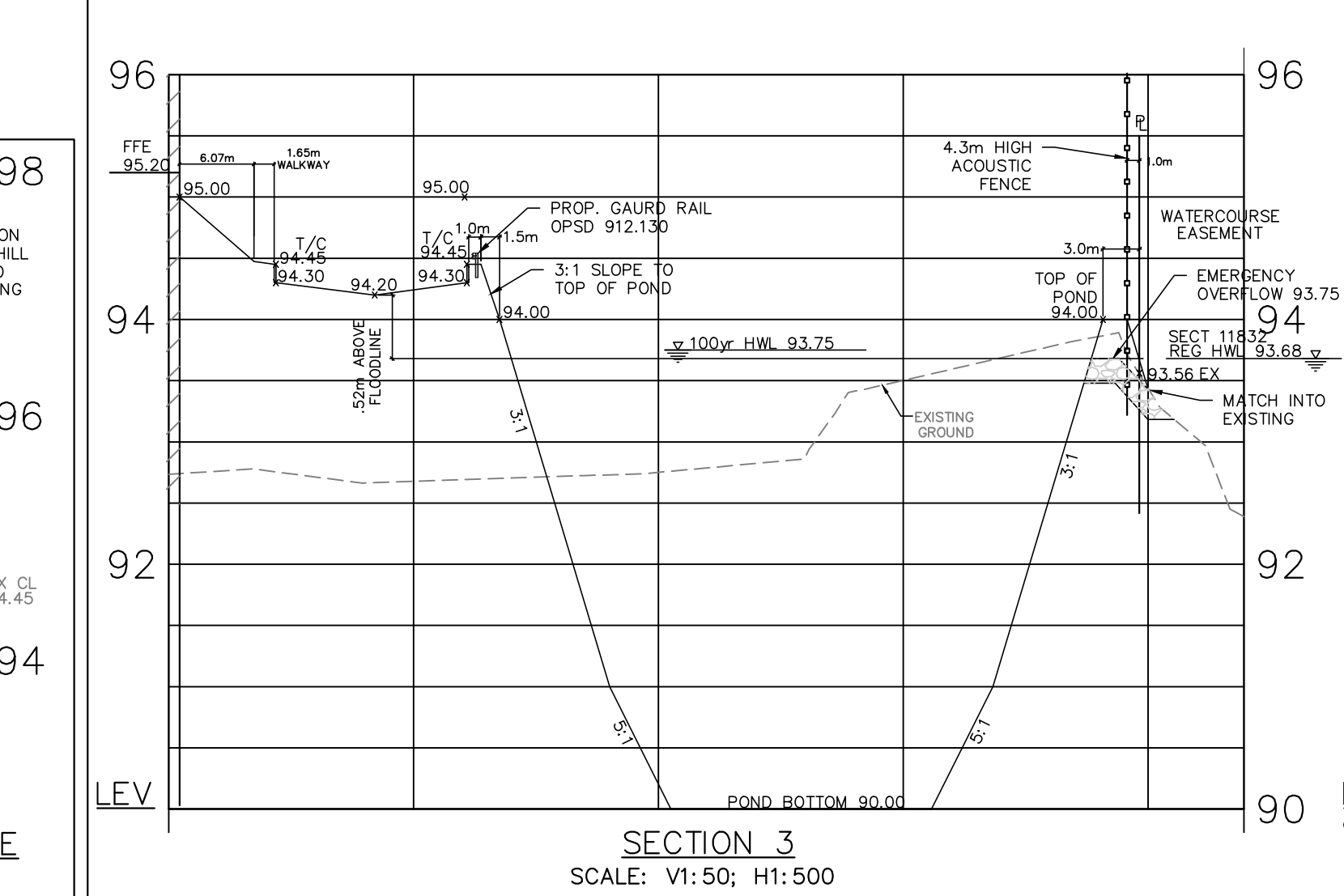
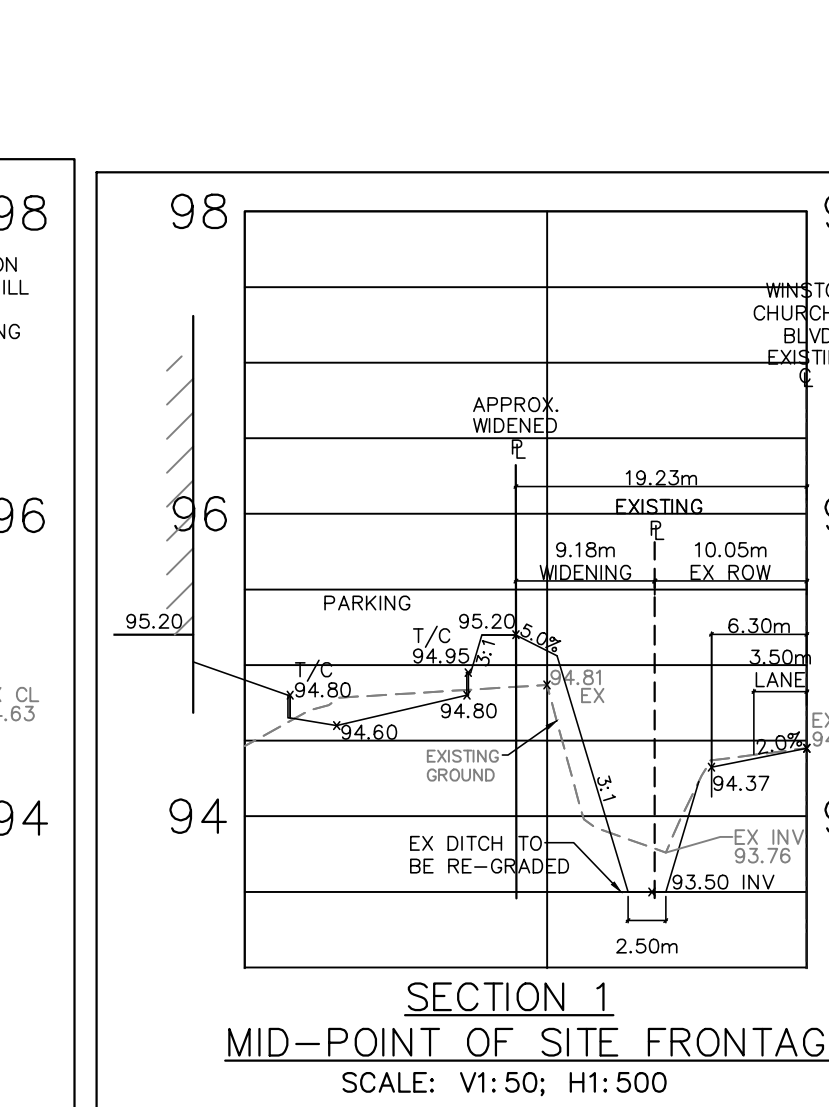
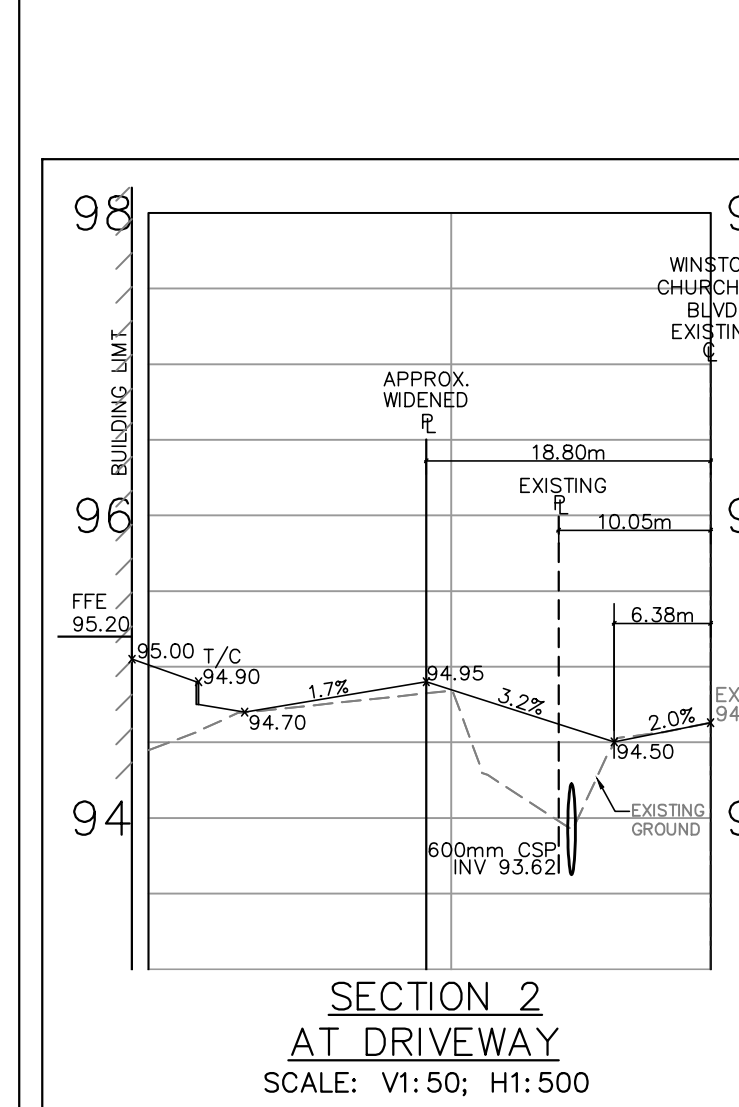
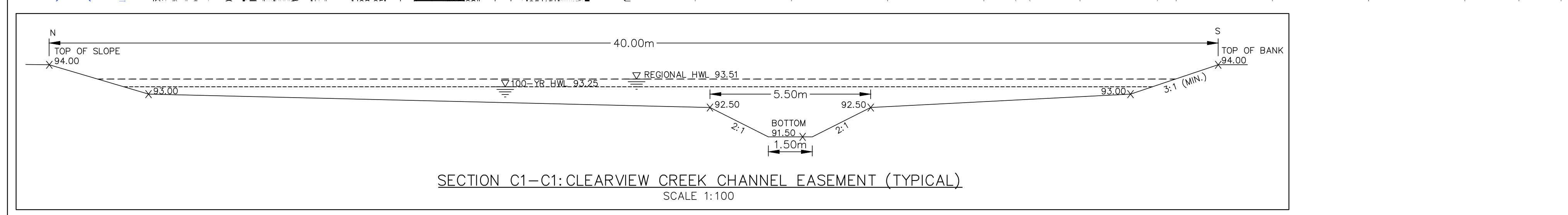
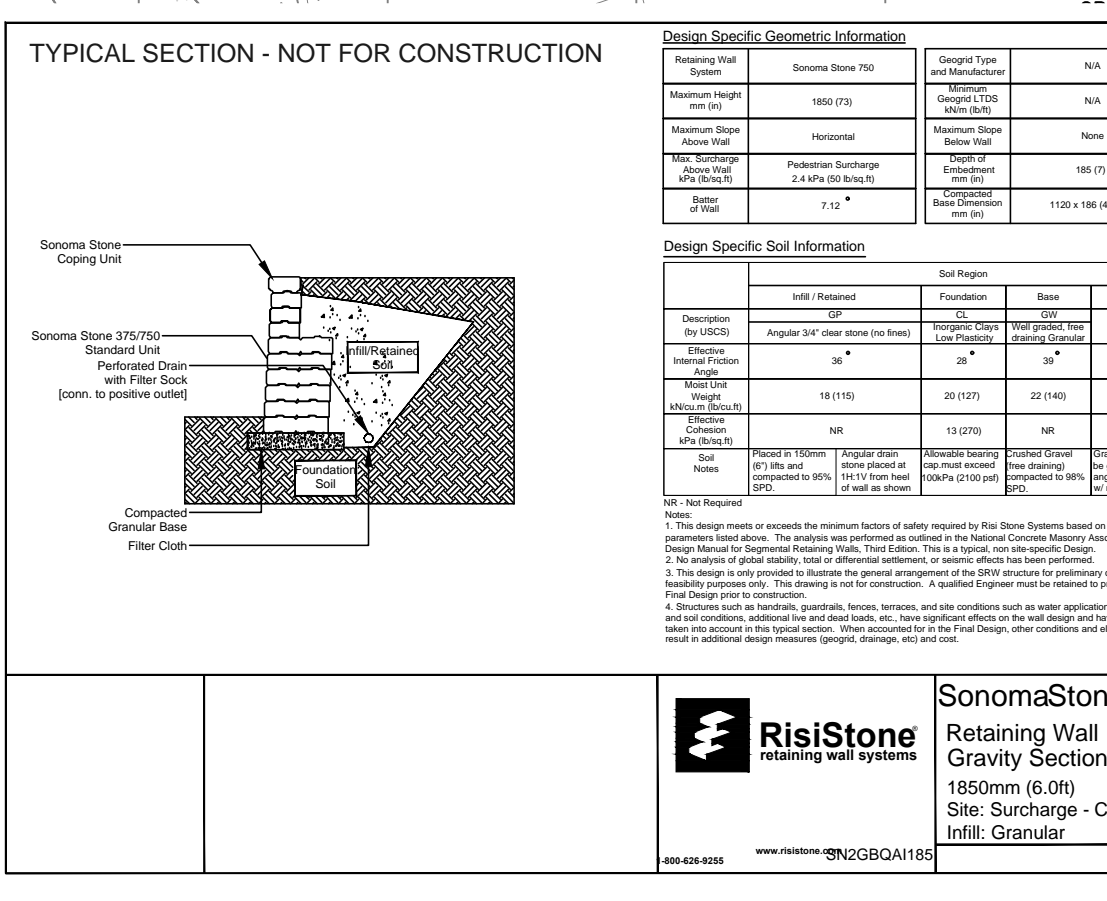
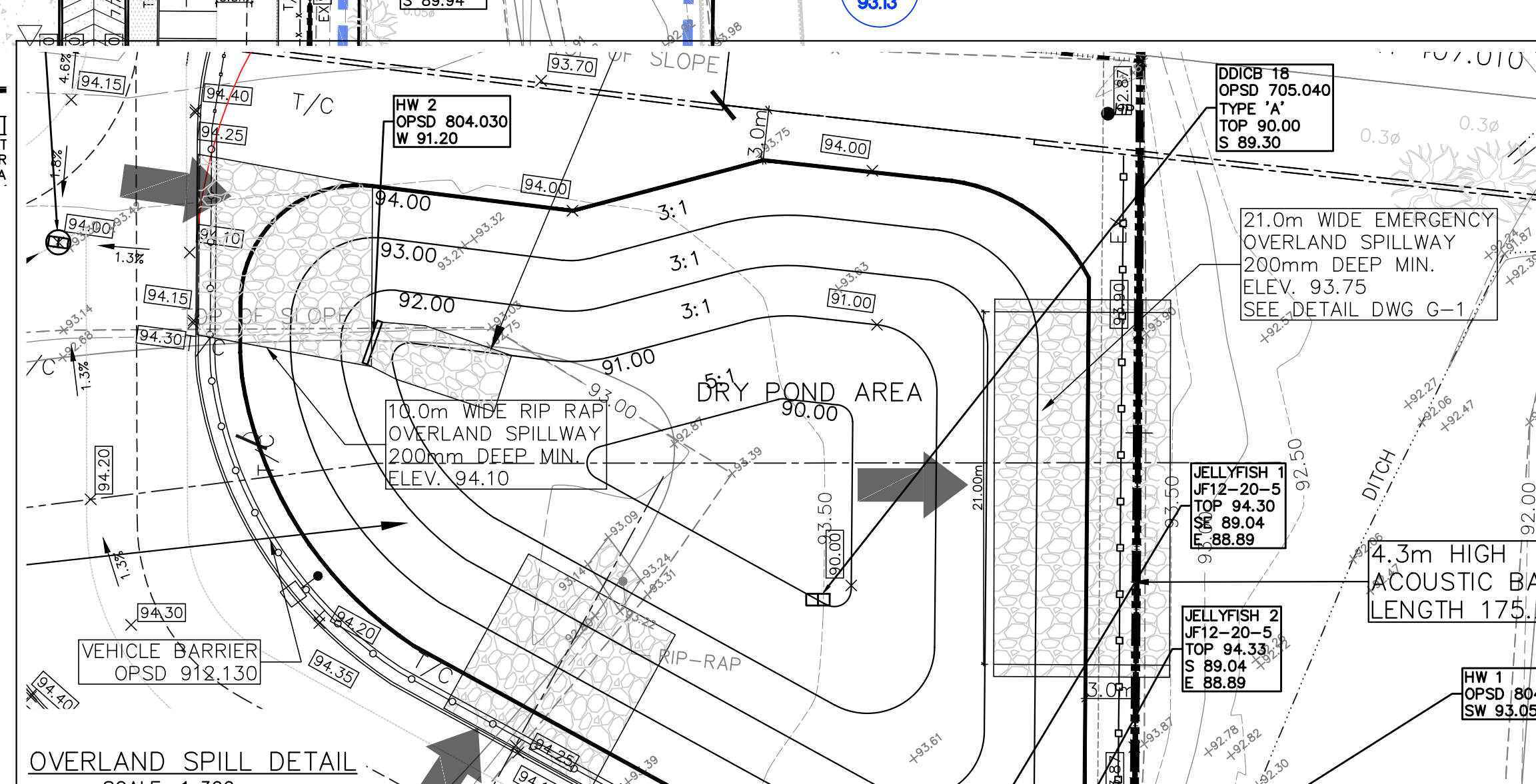
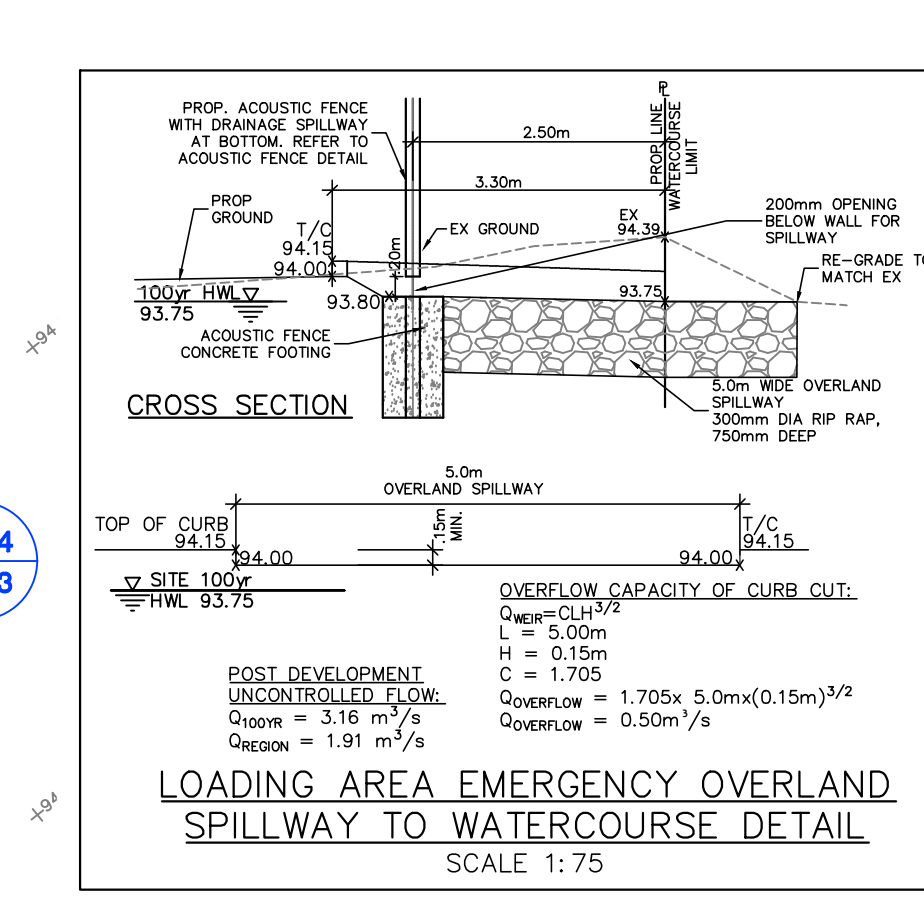


100 YEAR AND REGIONAL FLOODLINE INFORMATION TAKEN FROM CVC FLOOD HAZARD MAP FOR CLEARVIEW CREEK WATERSHED, SHEET 3

LEGEND

- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED TOP OF WALL ELEVATION
- PROPOSED BOTTOM OF WALL ELEVATION
- PROPOSED SWALE ELEVATION
- CATCHBASIN
- CATCHBASIN MANHOLE
- STORM MANHOLE
- SANITARY MANHOLE
- VALVE AND BOX
- HYDRANT AND VALVE
- WATER METER
- 100YR STORMWATER PONDING AREA ELEV. 94.00
- OVERLAND FLOW ROUTE
- REGULATORY FLOODLINE
- SECTION NUMBER
- REGIONAL FLOOD ELEVATION
- 100YEAR FLOOD ELEVATION
- ACOUSTIC FENCE
- VEHICLE GUARD RAIL, OPSD 912.130



PROFESSIONAL ENGINEER
A. M. CANDARAS
DEC 15 2021
REGISTERED ENGINEER
PROV. OF ONTARIO

2 DEC 15/21 FP SECOND SUBMISSION
1 APR 9/21 FP FIRST SUBMISSION

No. Date By REVISIONS

a.m.candaros associates inc.
consulting engineers
8551 Weston rd., suite 203
Woodbridge ont. L4L 9R4
905-850-8000 Fax 905-850-8099
Email: civil@amcoi.com

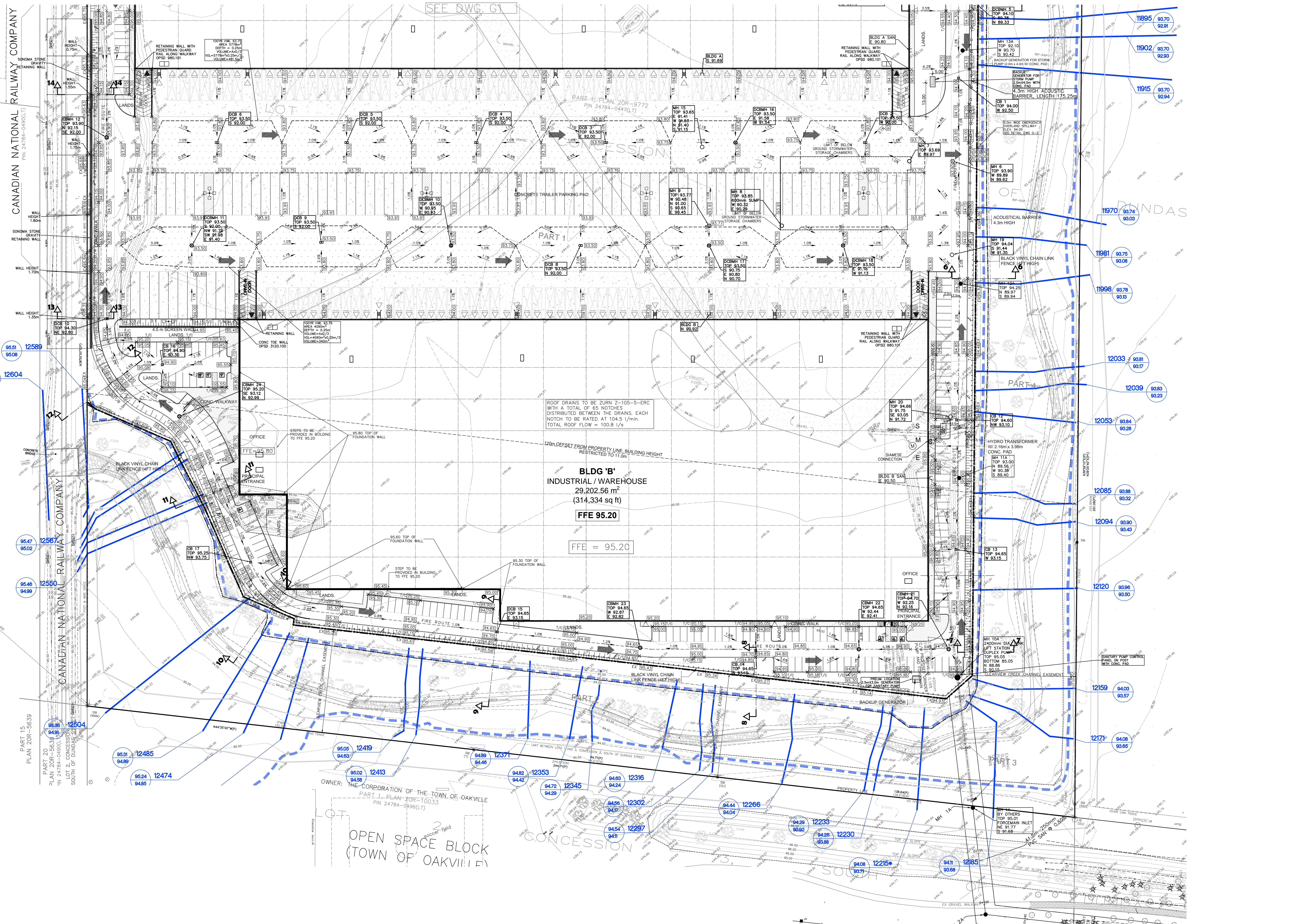
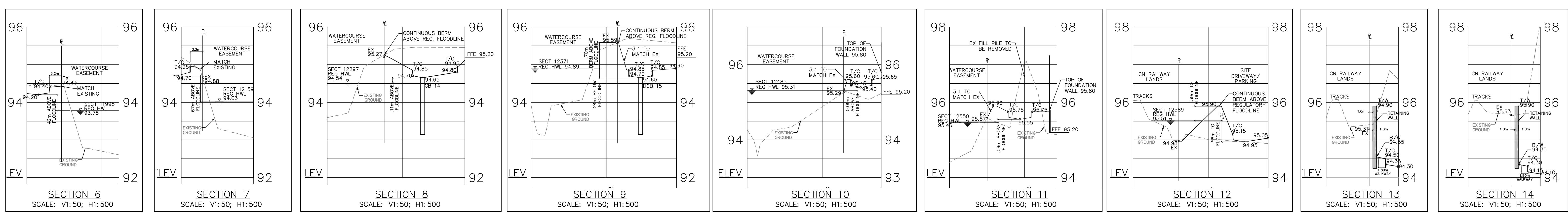
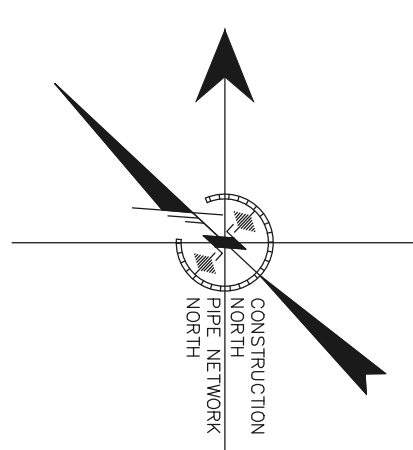
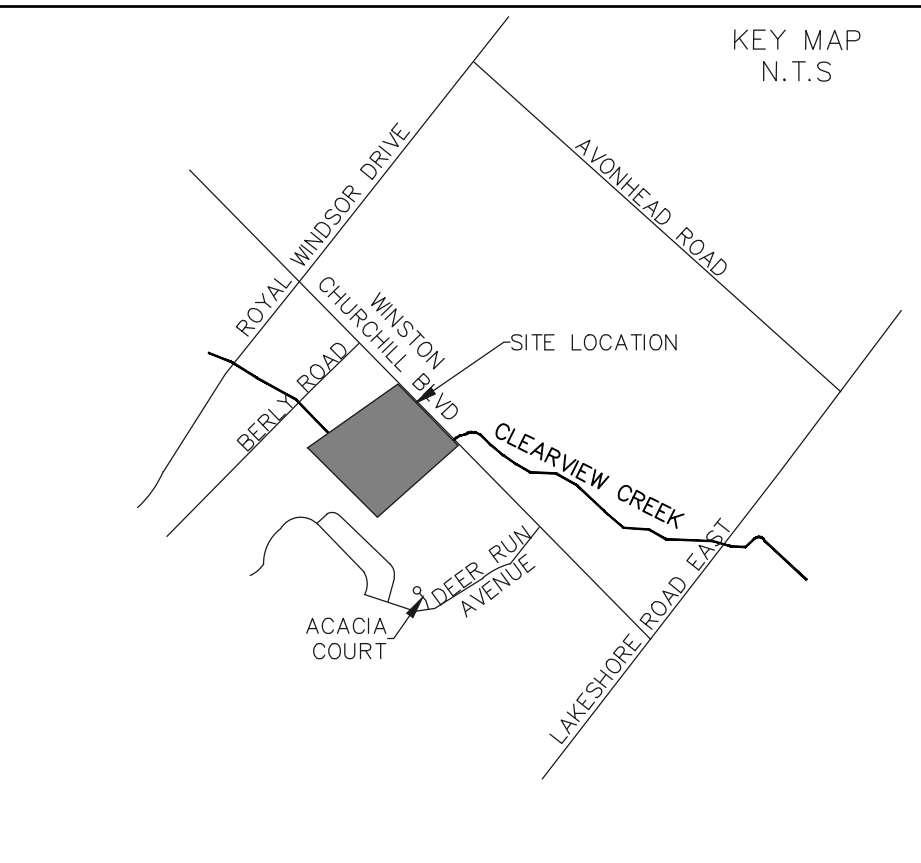
772 WINSTON CHURCHILL BLVD.

TOWN OF OAKVILLE REGION OF HALTON

ABOVE GROUND GRADING AND SWM PLAN - EAST SITE AREA

SCALE: 1:500 DATE: APR 2021 PROJ. NO: 2060
DRAWN: F.P. CHK'D: A.M.C. PLAN NO.
DESIGNED: A.M.C. SHEET 1 OF 6

G-1



CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING THE LOCATIONS OF ALL EXISTING UNDERGROUND AND ABOVE UTILITIES AND SERVICES. THE CONTRACTOR SHALL ADVISE THE ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION. UNDERSIGNED IS NOT RESPONSIBLE FOR THE ACCURACY OF ANY INFORMATION PROVIDED BY ANY OTHER PARTY. THE ENGINEER ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

LEGEND

- 1198.00 EXISTING ELEVATION
- 1200.00 EX EXISTING ELEVATION
- 1200.00 PROPOSED ELEVATION
- 1200.00C PROPOSED TOP OF CURB ELEVATION
- 1200.00W PROPOSED TOP OF WALL ELEVATION
- 1200.00B PROPOSED BOTTOM OF WALL ELEVATION
- 1200.00SW PROPOSED SWALE ELEVATION
- CATCH-BASIN
- CATCH-BASIN MANHOLE
- STORM MANHOLE
- SANITARY MANHOLE
- VALVE AND BOX
- HYDRANT AND VALVE
- WATER METER
- 100YR STORMWATER PONDING AREA ELEV. 94.00
- REGULATORY FLOODLINE
- SECTION NUMBER
- 12094 REGIONAL FLOOD ELEVATION
- 100-YEAR FLOOD ELEVATION
- OVERLAND FLOW ROUTE
- ACOUSTIC FENCE
- VEHICLE GUARD RAIL, OPSD 9121.130

100 YEAR AND REGIONAL FLOODLINE INFORMATION TAKEN FROM CVC FLOOD HAZARD MAP FOR CLEARVIEW CREEK WATERSHED, SHEET 3

PROFESSIONAL ENGINEER
A. M. CANDARAS
ENGINEER OF ONTARIO

2 DEC 15/21 FP SECOND SUBMISSION
1 APR 9/21 FP FIRST SUBMISSION

No.	Date	By	REVISIONS

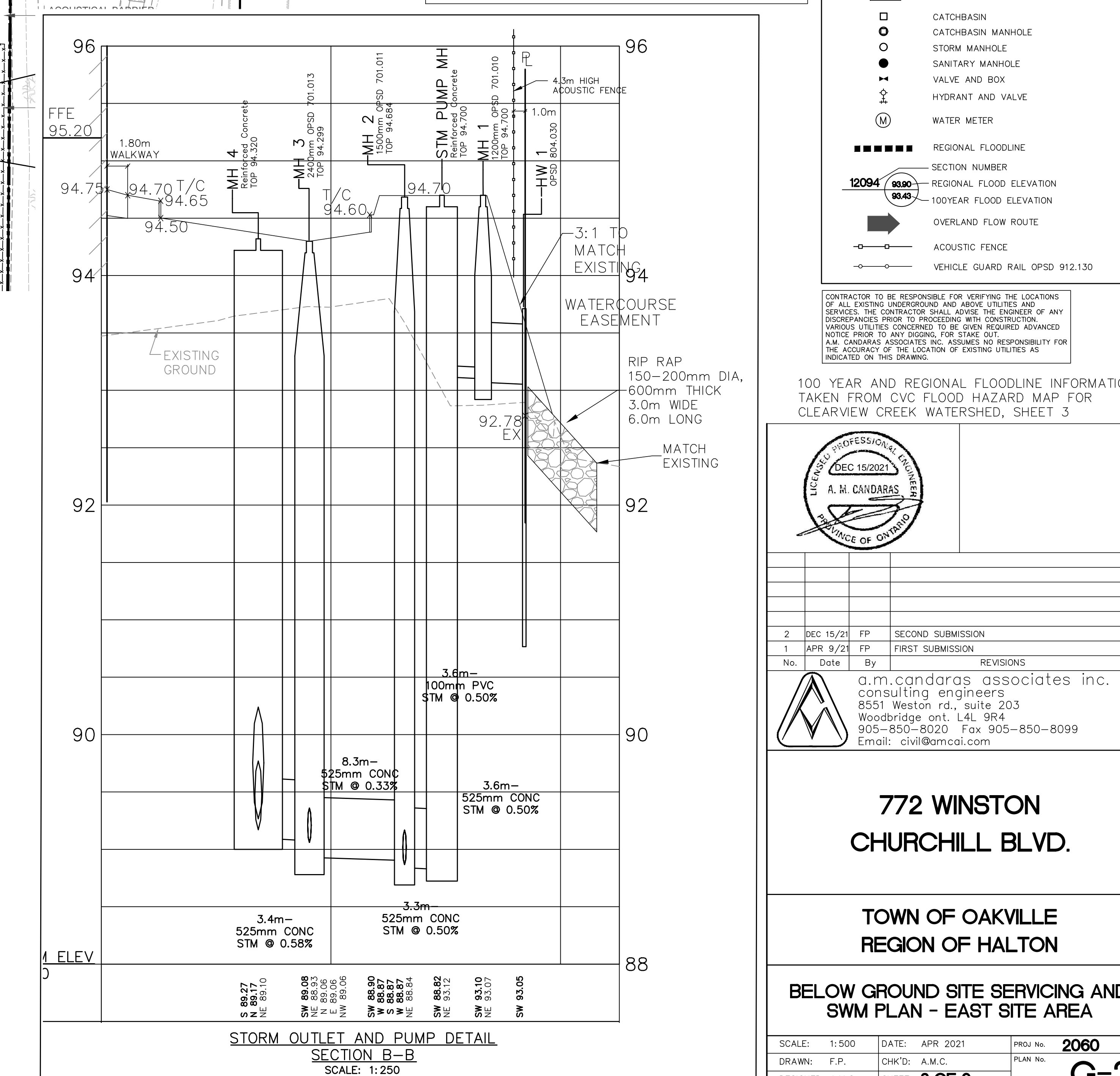
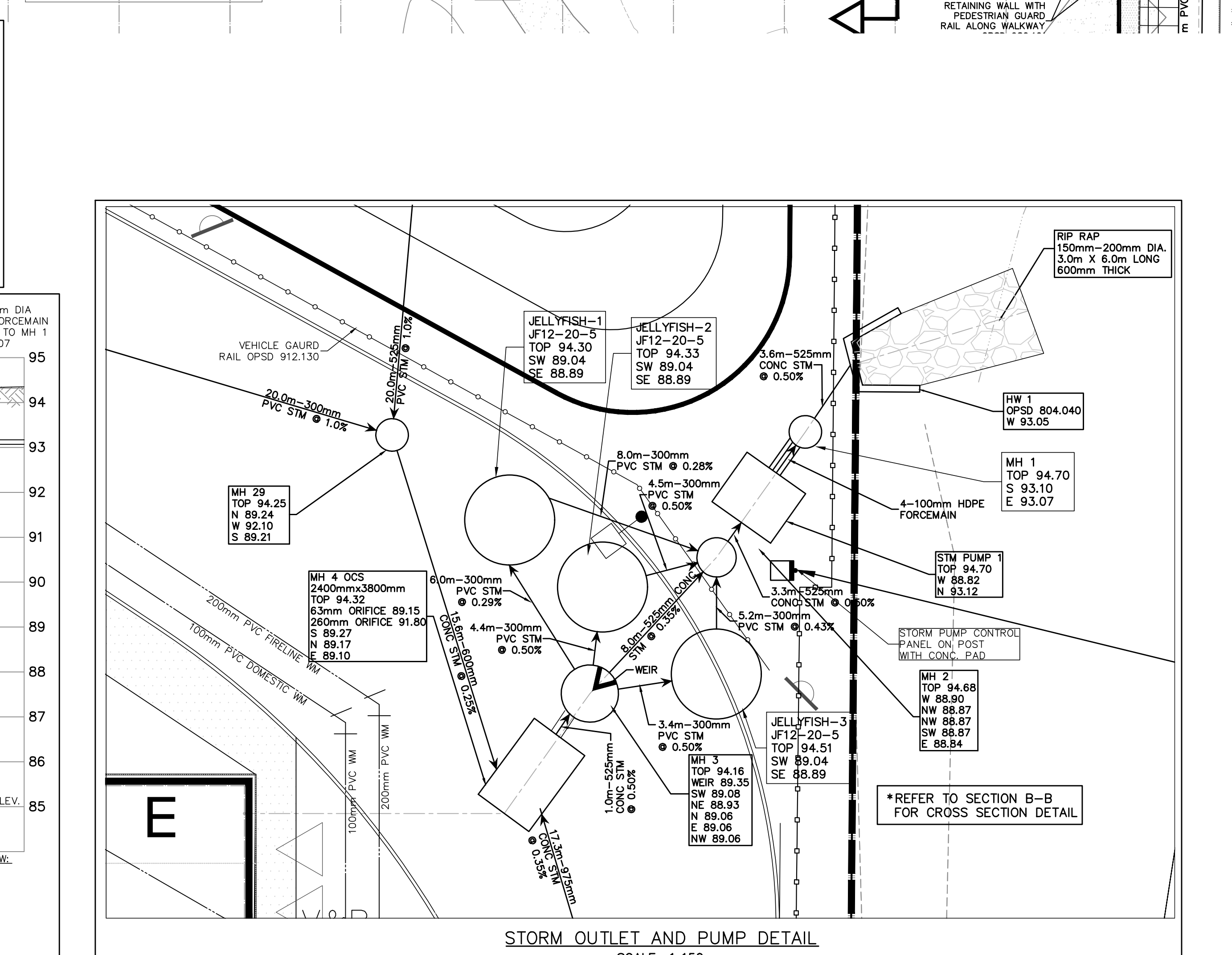
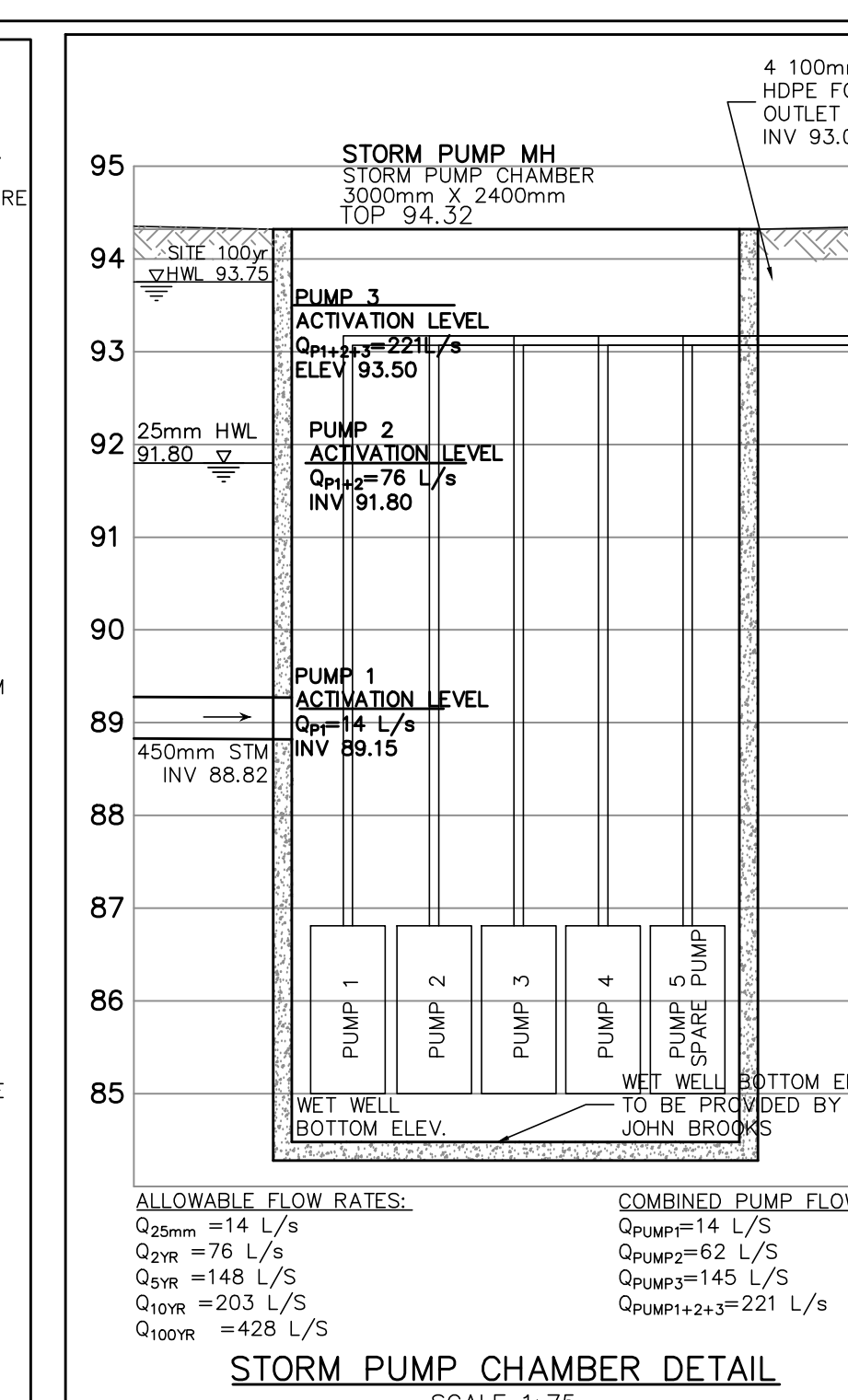
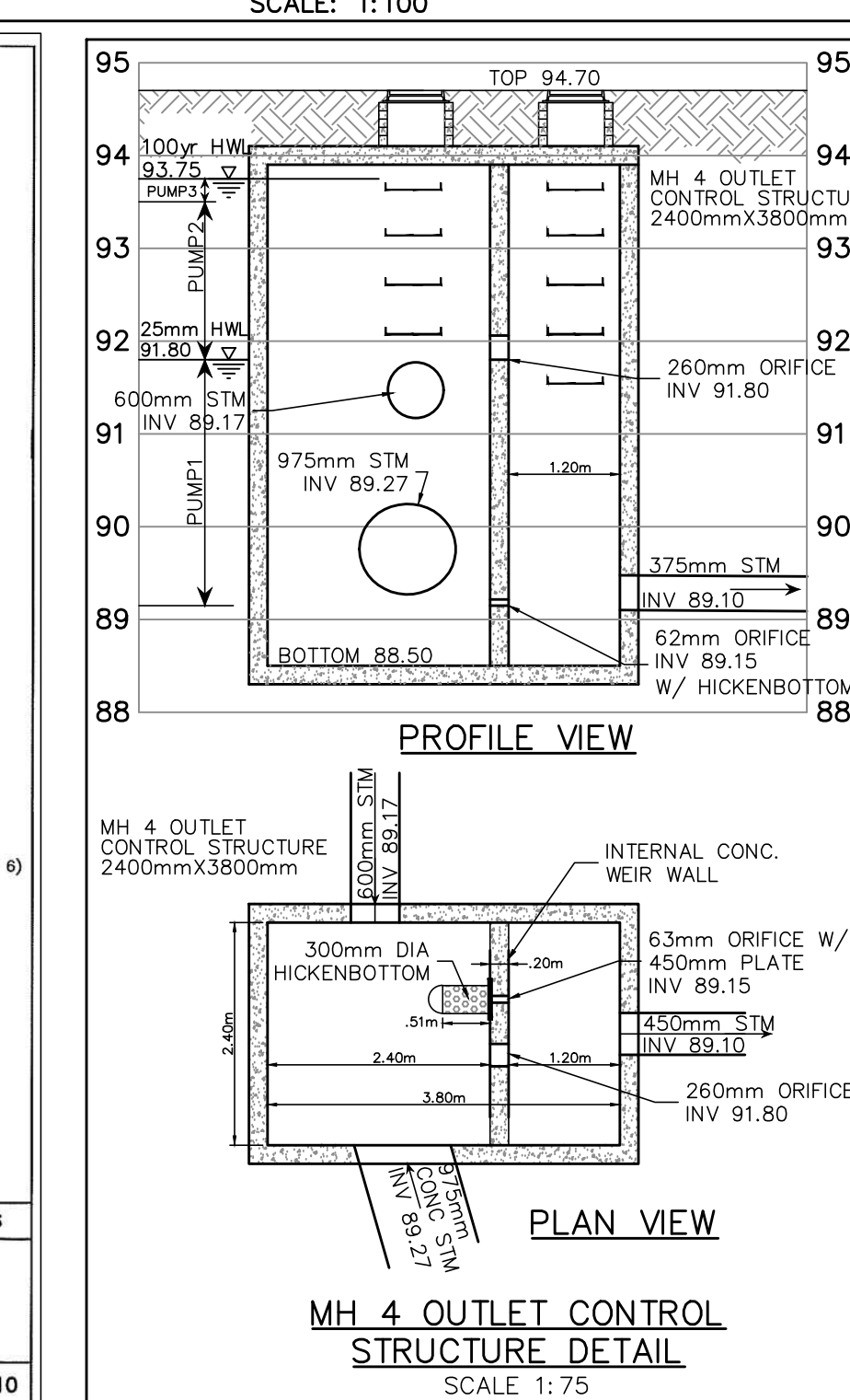
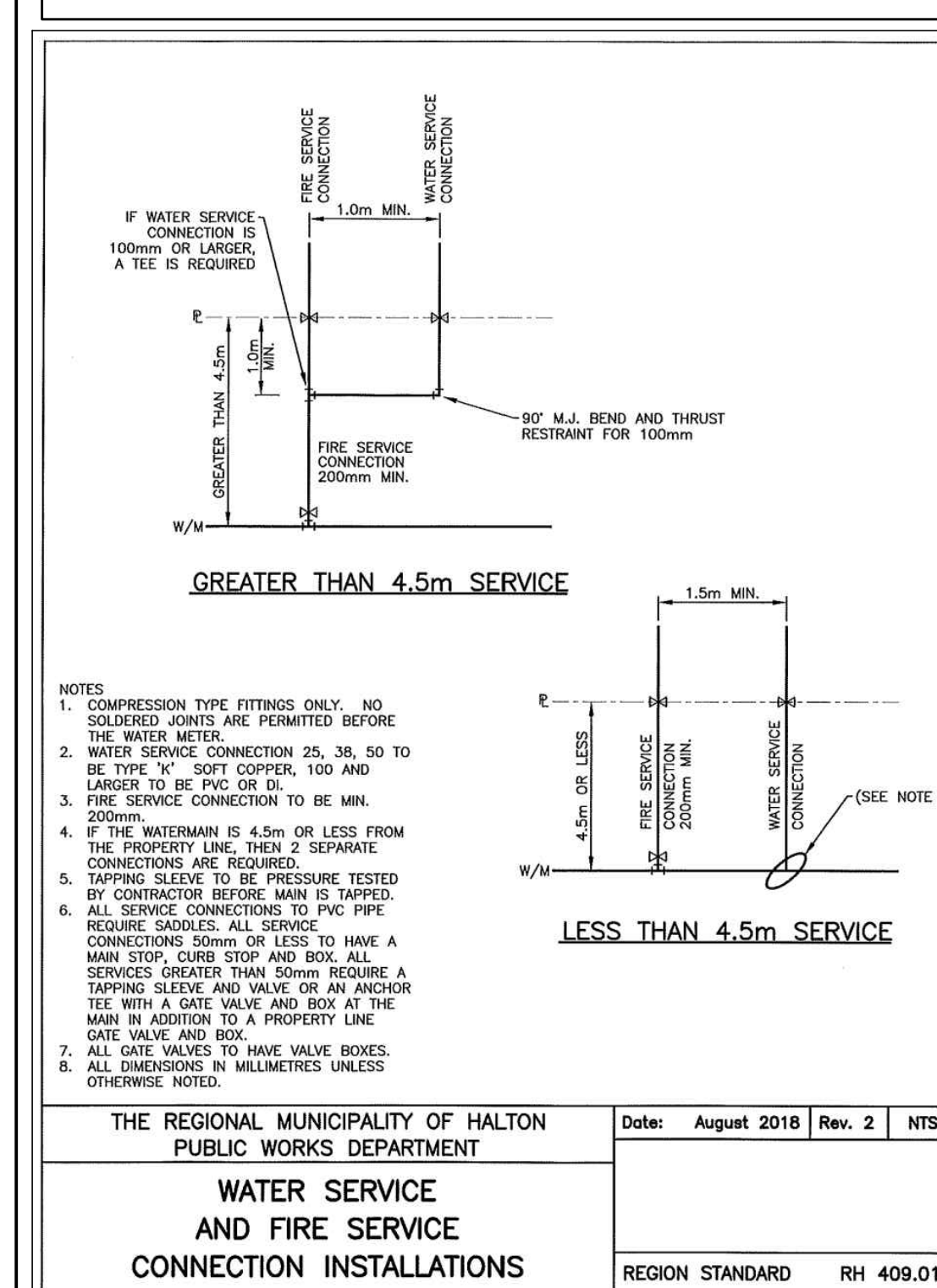
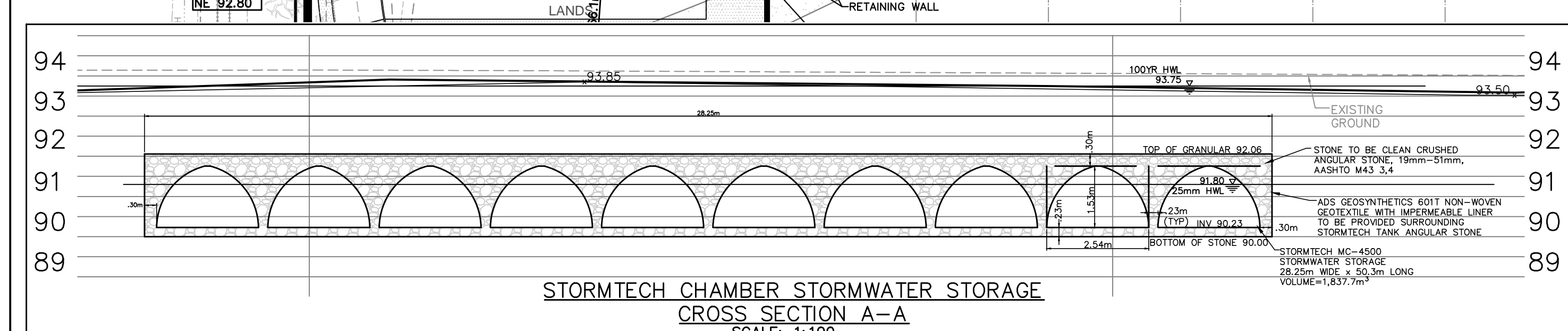
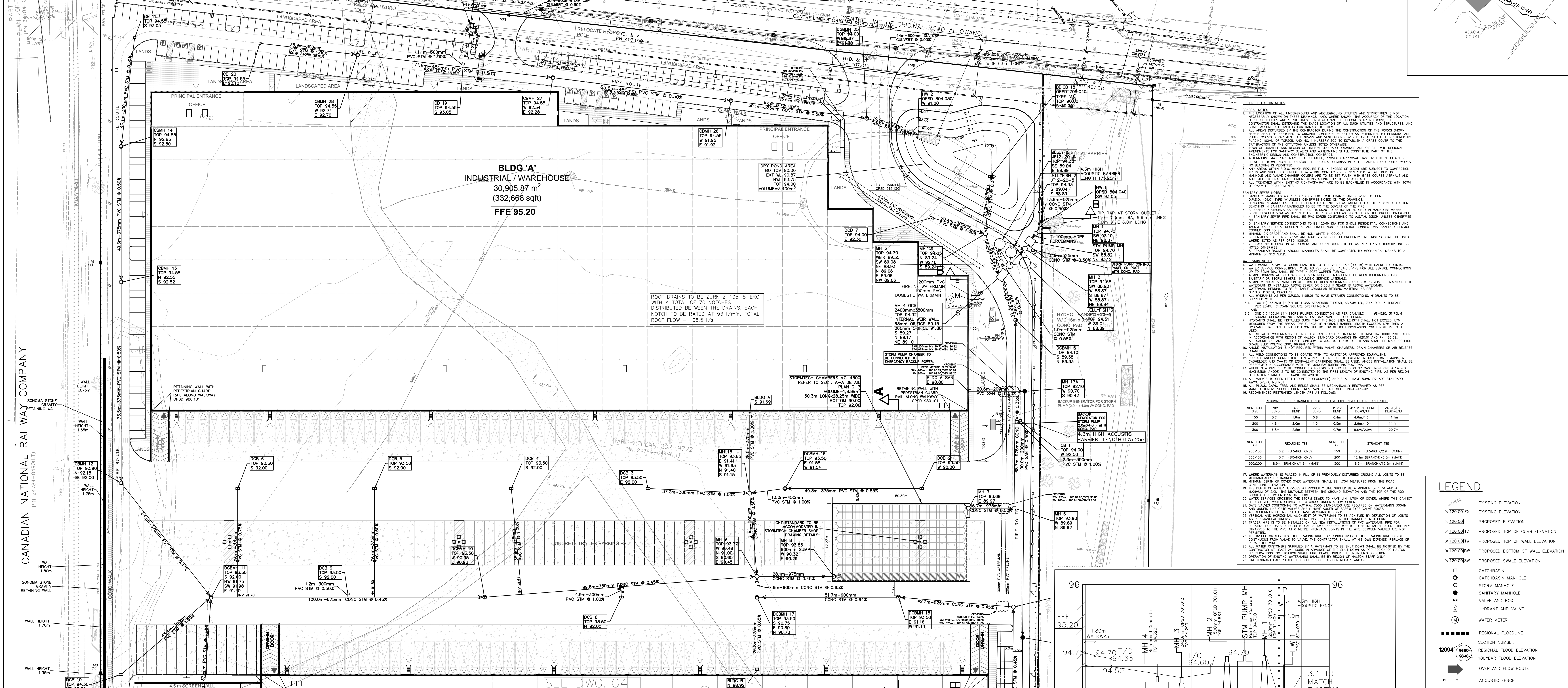
a.m.candaros associates inc.
consulting engineers
8551 Weston rd., suite 203
Woodbridge ont. L4L 9R4
905-850-8020 Fax 905-850-8099
Email: civil@amc.com

772 WINSTON CHURCHILL BLVD.

TOWN OF OAKVILLE REGION OF HALTON

ABOVE GROUND GRADING AND SWM PLAN - WEST SITE AREA

SCALE: 1:500 DATE: APR 2021 PROJ. NO: 2060
DRAWN: F.P. CHK'D: A.M.C. PLAN NO:
DESIGNED: A.M.C. SHEET 2 OF 6 G-2



- REGION OF HALTON NOTES**
1. ALL UNDERGROUND UTILITIES AND STRUCTURES IS NOT TO BE DELETED FROM THE REGIONAL CONCEPTUAL PLAN AND PUBLIC WORKS.
 2. ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THE WORKS SHOWN HEREIN SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER AS DETERMINED BY PLANNING AND PUBLIC WORKS.
 3. ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THE WORKS SHOWN HEREIN SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER AS DETERMINED BY PLANNING AND PUBLIC WORKS.
 4. ALTERNATIVE MATERIALS MAY BE ACCEPTABLE PROVIDED APPROVAL HAS FIRST BEEN OBTAINED FROM THE TOWN ENGINEER AND/OR THE REGIONAL COMMISSIONER OF PLANNING AND PUBLIC WORKS.
 5. ANY AREAS WITHIN THE REGION WHICH REQUIRE FILL IN EXCESS OF 1.0M SHALL BE SUBJECT TO CONTRACTOR TESTS AND SOIL REPORTS TO BE APPROVED BY THE REGIONAL COMMISSIONER OF PLANNING AND PUBLIC WORKS.
 6. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 7. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 8. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 9. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 10. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 11. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 12. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 13. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 14. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 15. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 16. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 17. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 18. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 19. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 20. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 21. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 22. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 23. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 24. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 25. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 26. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 27. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.
 28. ALL STRUCTURES SHALL BE CONSTRUCTED TO A MINIMUM OF 1.0M ABOVE FINISHED GRADE UNLESS OTHERWISE SPECIFIED.

LEGEND

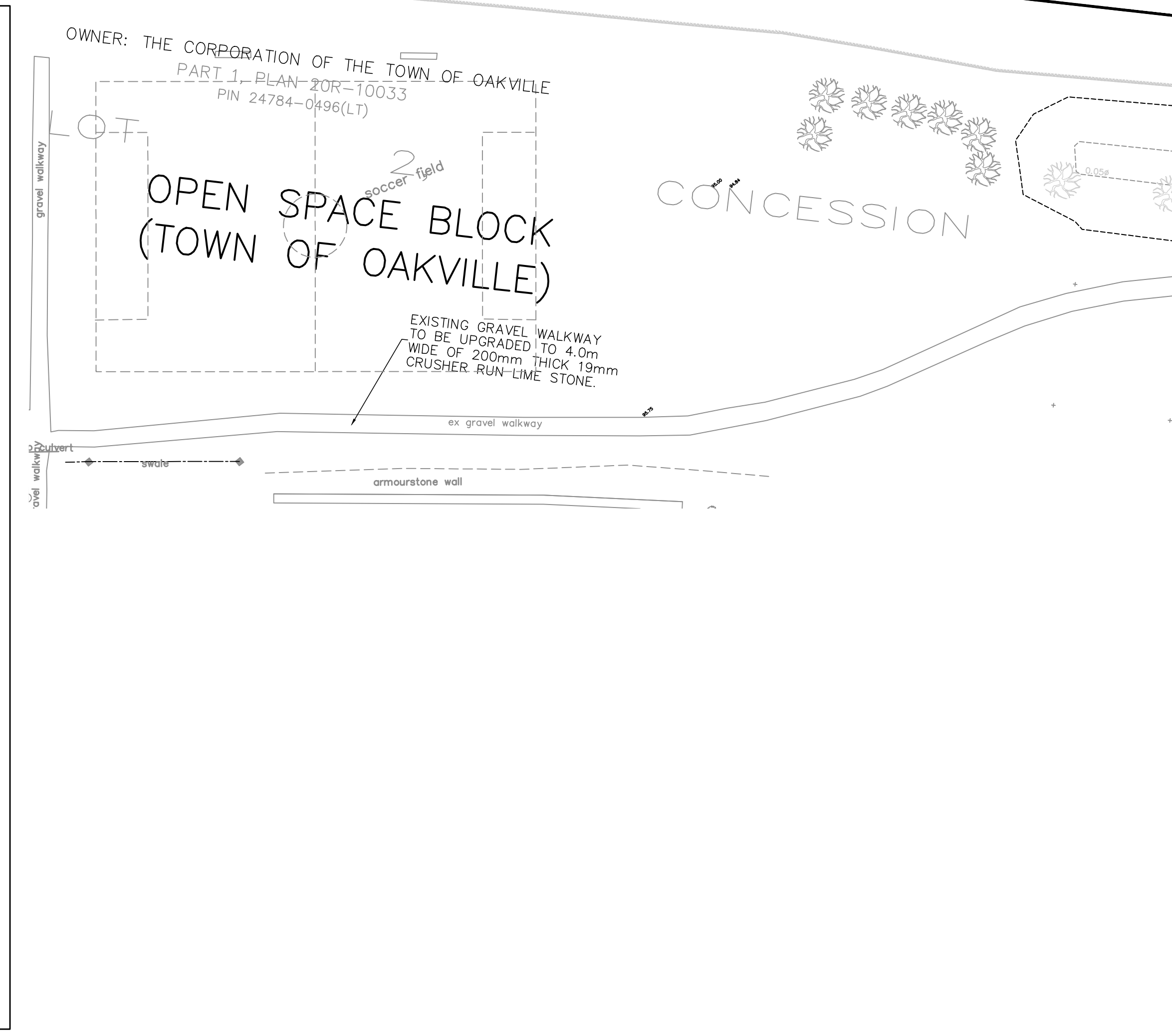
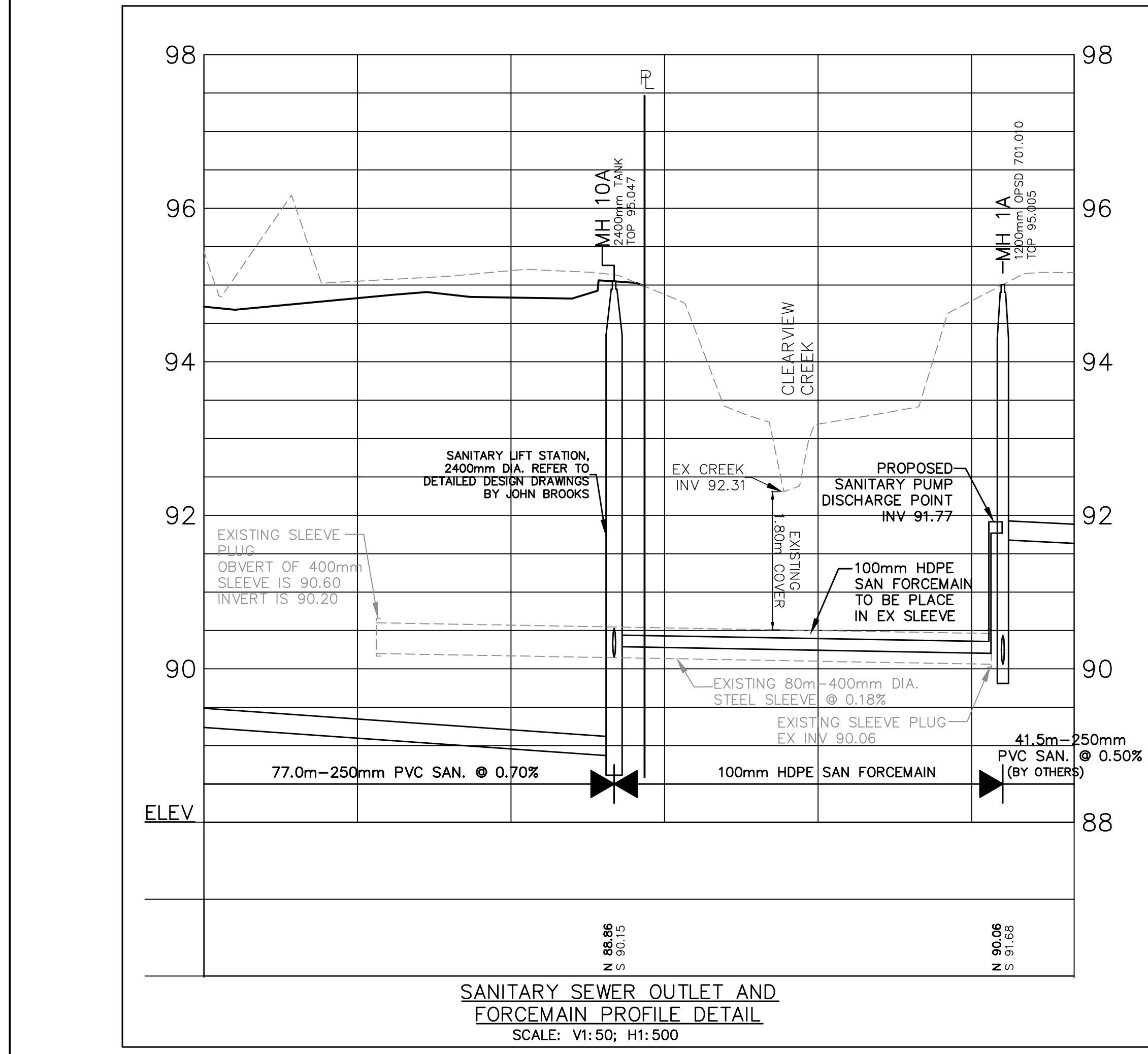
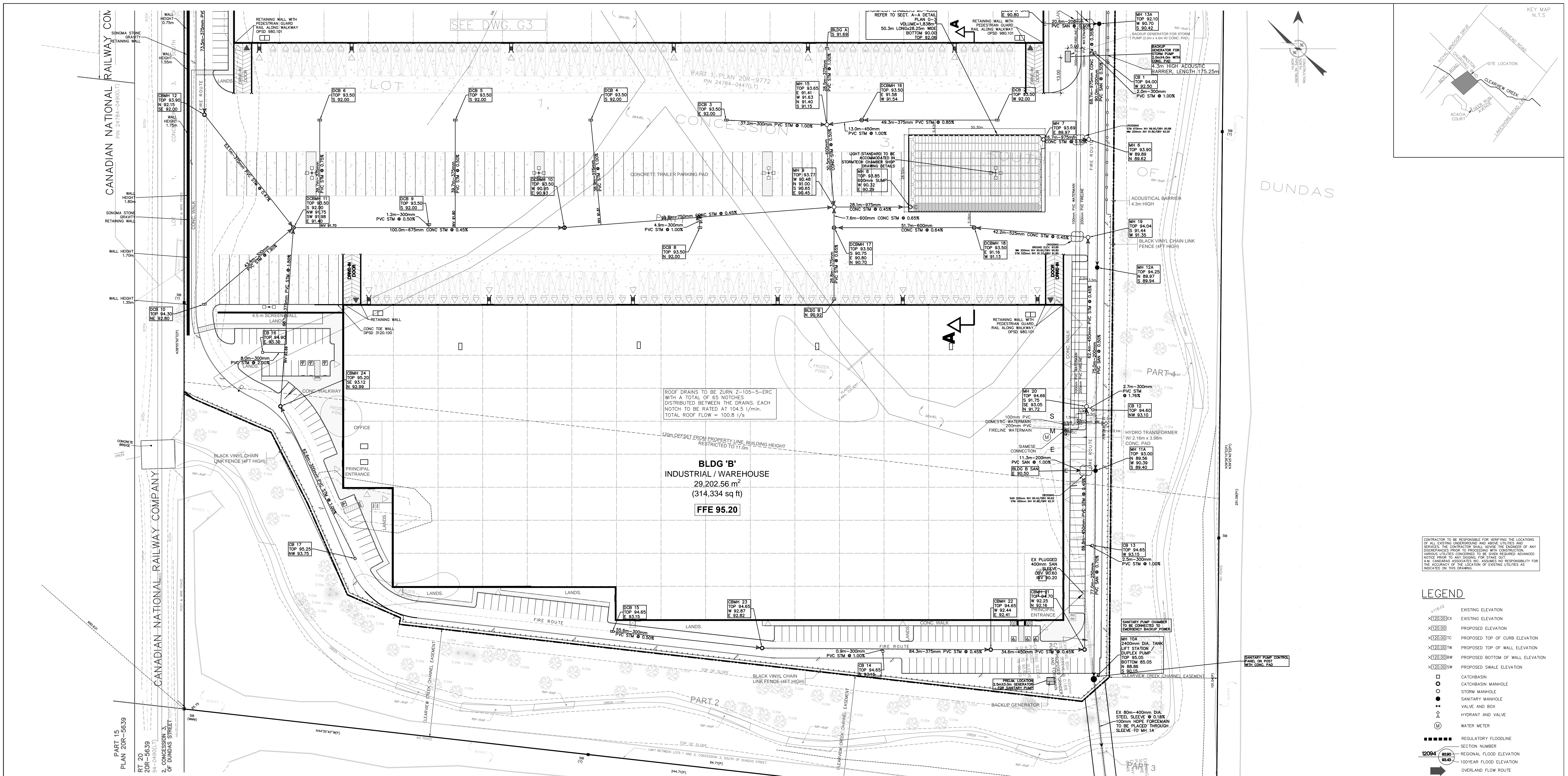
- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED TOP OF WALL ELEVATION
- PROPOSED BOTTOM OF WALL ELEVATION
- PROPOSED SMALL ELEVATION
- CATCHBASIN
- STORM MANHOLE
- SANITARY MANHOLE
- VALVE AND BOX
- HYDRANT AND VALVE
- WATER METER
- REGIONAL FLOODLINE
- SECTION NUMBER
- REGIONAL FLOOD ELEVATION
- 100-YEAR FLOOD ELEVATION
- OVERLAND FLOW ROUTE
- ACQUSTIC FENCE
- VEHICLE GUARD RAIL CPSD 912.130

CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND STRUCTURES AND PROVIDING ADVANCED NOTICE TO ALL UTILITIES AND STRUCTURE OWNERS. CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING THE LOCATION OF ALL UTILITIES AND STRUCTURES AND PROVIDING ADVANCED NOTICE TO ALL UTILITIES AND STRUCTURE OWNERS.

100 YEAR AND REGIONAL FLOODLINE INFORMATION TAKEN FROM CVC FLOOD HAZARD MAP FOR CLEARVIEW CREEK WATERSHED, SHEET 3

2 DEC 15/21 FP SECOND SUBMISSION
 1 APR 9/21 FP FIRST SUBMISSION

772 WINSTON CHURCHILL BLVD.
 TOWN OF OAKVILLE REGION OF HALTON
 BELOW GROUND SITE SERVICING AND SWM PLAN - EAST SITE AREA
 SCALE: 1:500 DATE: APR 2021 PROJ NO: 2060
 DRAWN: F.P. CHK'D: A.M.C. PLAN NO:
 DESIGNED: A.M.C. SHEET 3 OF 6 G-3



SECTION OF HALLOWN NOTES

1. THE LOCATION OF ALL UNDERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THESE DRAWINGS AND SHOULD BE VERIFIED BY THE CONTRACTOR BEFORE COMMENCING WORK.
2. ALL AREAS DISTURBED BY THE CONTRACTOR DURING THE CONSTRUCTION OF THE WORKS WORTH RECORD SHALL BE RESTORED TO ORIGINAL CONDITION OR BETTER BY REPAIRING AND REGRADING ALL AREAS TO ORIGINAL GRADE.
3. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 1.0M CLEARANCE FROM THE WORKS.
4. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 0.5M CLEARANCE FROM THE WORKS.
5. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 0.3M CLEARANCE FROM THE WORKS.
6. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 0.2M CLEARANCE FROM THE WORKS.
7. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 0.1M CLEARANCE FROM THE WORKS.
8. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 0.05M CLEARANCE FROM THE WORKS.
9. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 0.02M CLEARANCE FROM THE WORKS.
10. ALL UTILITIES SHALL BE PROTECTED BY A MINIMUM OF 0.01M CLEARANCE FROM THE WORKS.

WATERMAIN NOTES

1. ALL WATERMANS SHALL BE 200MM DIA. UNLESS OTHERWISE SPECIFIED.
2. ALL WATERMANS SHALL BE 150MM DIA. UNLESS OTHERWISE SPECIFIED.
3. ALL WATERMANS SHALL BE 100MM DIA. UNLESS OTHERWISE SPECIFIED.
4. ALL WATERMANS SHALL BE 75MM DIA. UNLESS OTHERWISE SPECIFIED.
5. ALL WATERMANS SHALL BE 50MM DIA. UNLESS OTHERWISE SPECIFIED.
6. ALL WATERMANS SHALL BE 25MM DIA. UNLESS OTHERWISE SPECIFIED.
7. ALL WATERMANS SHALL BE 15MM DIA. UNLESS OTHERWISE SPECIFIED.
8. ALL WATERMANS SHALL BE 10MM DIA. UNLESS OTHERWISE SPECIFIED.
9. ALL WATERMANS SHALL BE 5MM DIA. UNLESS OTHERWISE SPECIFIED.
10. ALL WATERMANS SHALL BE 2.5MM DIA. UNLESS OTHERWISE SPECIFIED.

RECOMMENDED RESTRAINED LENGTHS OF PVC PIPE INSTALLED IN SAND/SLIT

NO. OF JOINTS	PIPE DIA.	RESTRAINED LENGTH
1	150	1.5m
2	150	3.0m
3	150	4.5m
4	150	6.0m
5	150	7.5m
6	150	9.0m
7	150	10.5m
8	150	12.0m
9	150	13.5m
10	150	15.0m

KEY MAP N.T.S.

CONTRACTOR TO BE RESPONSIBLE FOR VERIFYING THE LOCATIONS OF ALL UTILITIES AND STRUCTURES AND ABOVE UTILITIES AND SERVICES. THE CONTRACTOR SHALL ADVISE THE ENGINEER OF ANY DISCREPANCIES PRIOR TO PROCEEDING WITH CONSTRUCTION. VARIOUS UTILITIES CONCERNED TO BE GIVEN REQUIRED ADVANCED NOTICE PRIOR TO ANY EXCAVATION. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE ACCURACY OF THE LOCATION OF EXISTING UTILITIES AS INDICATED ON THIS DRAWING.

LEGEND

- EXISTING ELEVATION
- PROPOSED ELEVATION
- PROPOSED TOP OF CURB ELEVATION
- PROPOSED TOP OF WALL ELEVATION
- PROPOSED BOTTOM OF WALL ELEVATION
- PROPOSED SWALE ELEVATION
- CATCHBASIN
- CATCHBASIN MANHOLE
- STORM MANHOLE
- SANITARY MANHOLE
- VALVE AND BOX
- HYDRANT AND VALVE
- WATER METER
- REGULATORY FLOODLINE
- SECTION NUMBER
- REGIONAL FLOOD ELEVATION
- 100-YEAR FLOOD ELEVATION
- OVERLAND FLOW ROUTE

100 YEAR AND REGIONAL FLOODLINE INFORMATION TAKEN FROM CVC FLOOD HAZARD MAP FOR CLEARVIEW CREEK WATERSHED, SHEET 3

772 WINSTON CHURCHILL BLVD.

TOWN OF OAKVILLE REGION OF HALTON

BELOW GROUND SITE SERVING AND SWM PLAN - WEST SITE AREA

SCALE: 1:500 DATE: MAR 2021 PROJ. NO: 2060

DRAWN: F.P. CHK'D: A.M.C. DESIGNED: A.M.C. SHEET 4 OF 6