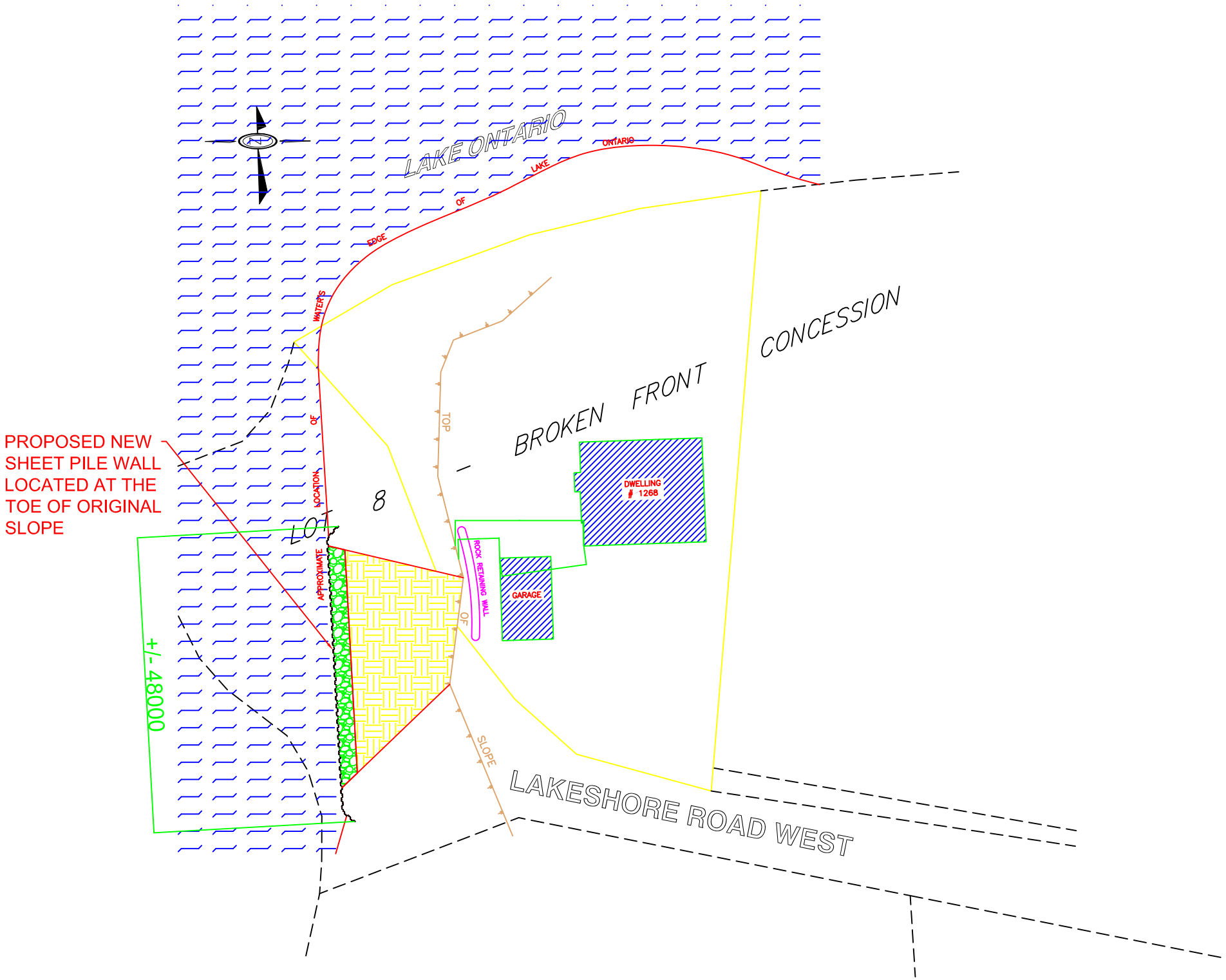
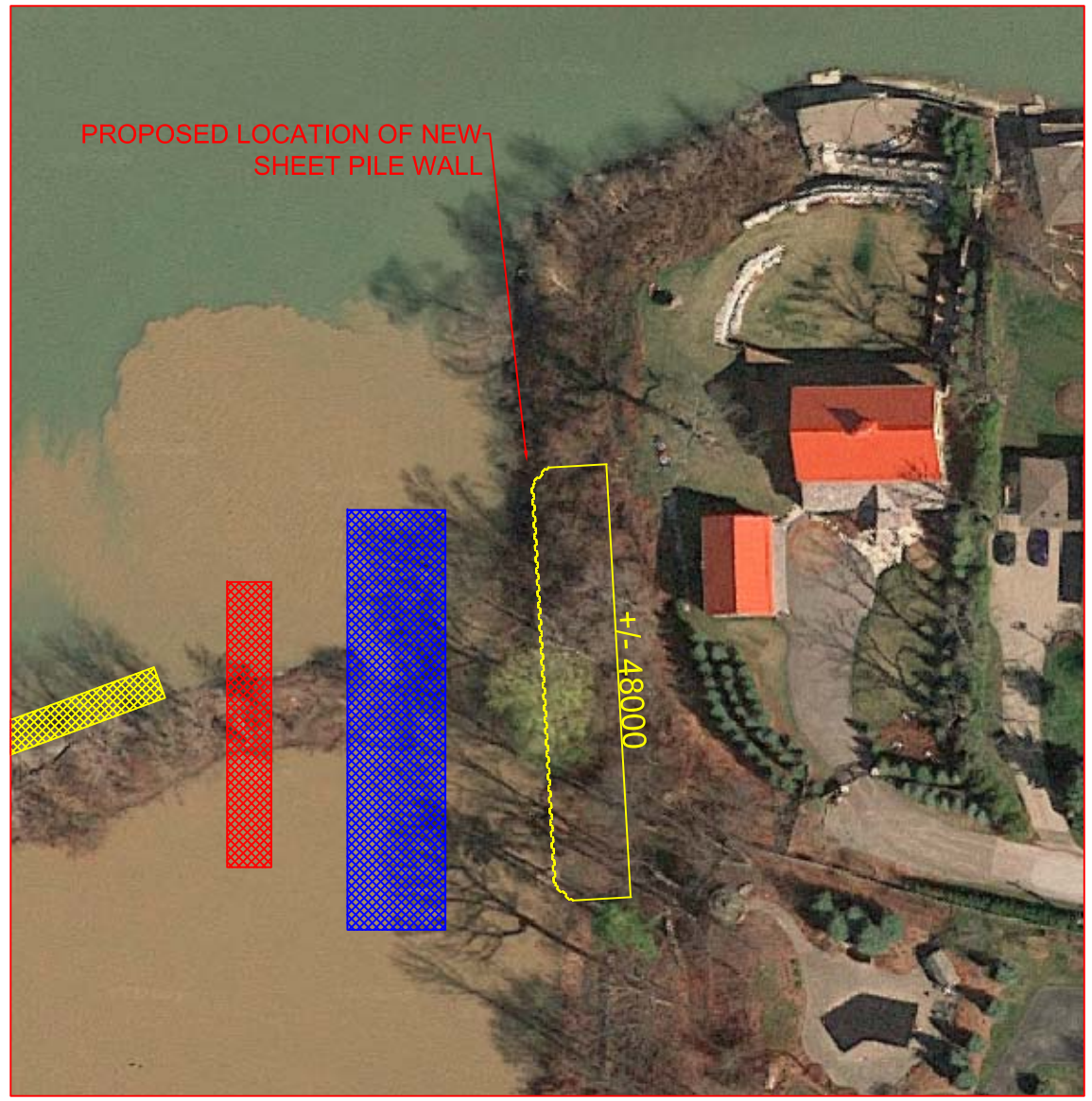




INSTALL TEMPORARY CULVERT TO DIVERT WATER

BACKFILL EXISTING CHANNEL TO GAIN ACCESS TO WORK AREA

ACCESS FOR MACHINERY VIA CHARLES DALEY PARK

***NOTE: THE WATER DIVERSION IS ONLY REQUIRED IF THE WATER LEVEL IS TOO HIGH TO REACH THE WORK AREA.

AREA OF EARTH BACKFILL ONLY PLACED ON FAILED SLOPE. NO EARTH PLACED ON VEGETATED SLOPE.

APPROXIMATE AREA OF CLEAR STONE BACKFILL REQUIRED

RANKIN CONSTRUCTION INC.
CONTRACTORS & ENGINEERS

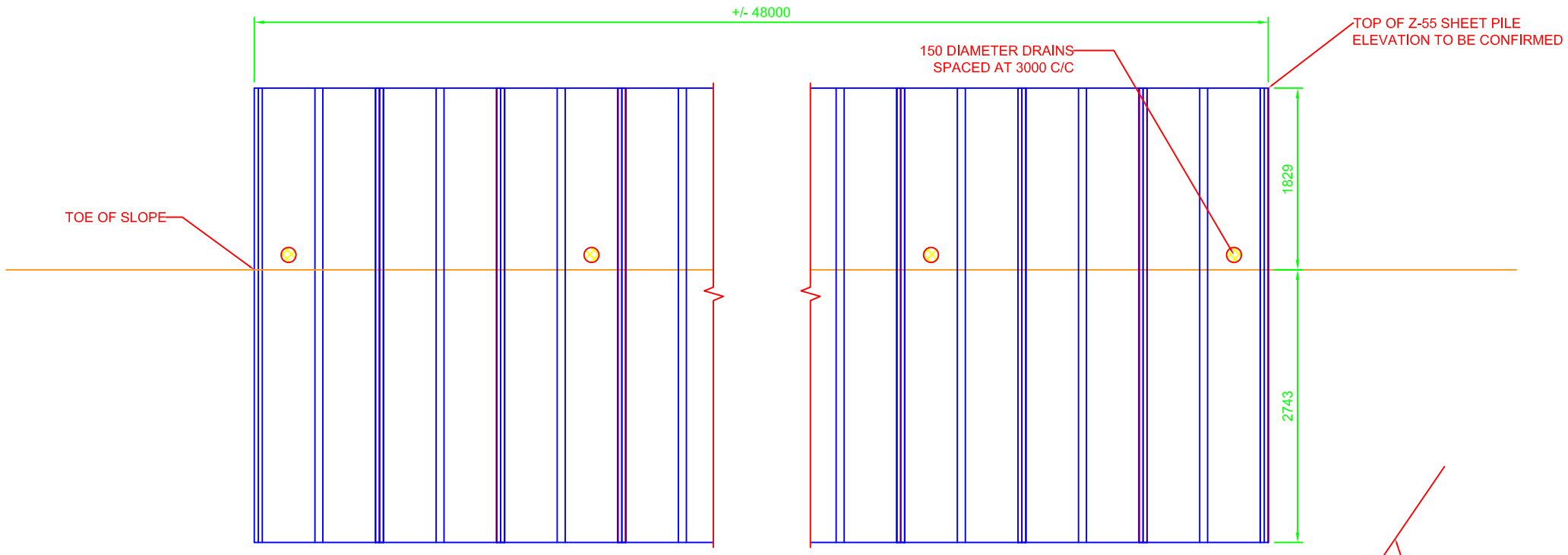
222 Martindale Road
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EDWARDS SHEET PILE WALL

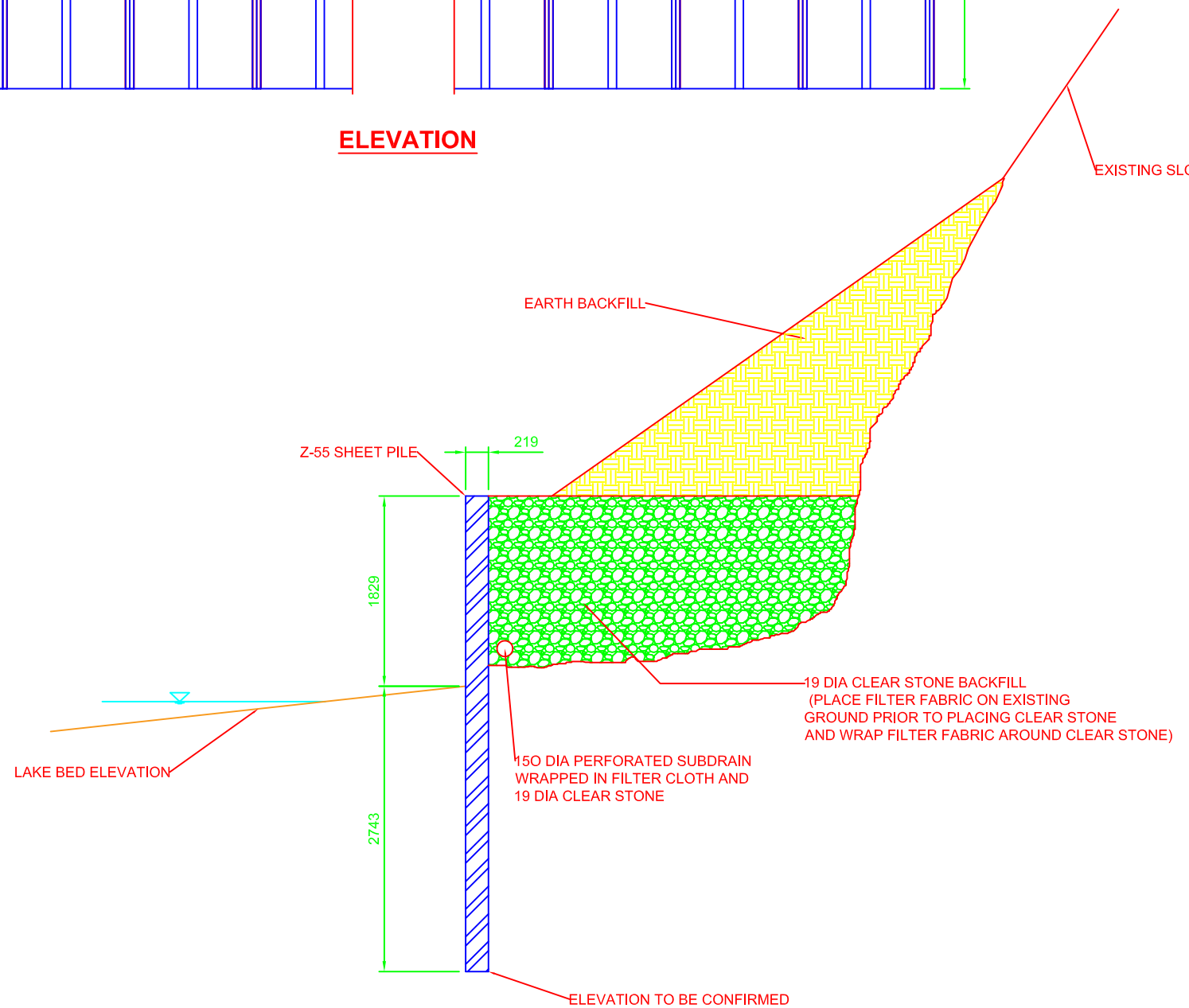
1268 LAKESHORE RD WEST ST. CATHARINES

DESIGN BY: T. RANKIN	SCALE: AS NOTED	RANKIN JOB No.: N/A
CHECK BY:	DATE: DECEMBER 20, 2017	
DRAWN BY: B. ALBANO	DRAWING No.: 1	



ELEVATION

PILE CAP DETAIL



TYPICAL SECTION THROUGH SHEET PILE WALL

NOTES:

1. SHEET PILES TO CONFORM TO CSA G40.21 GRADE 300W.
2. SHEET PILES TO BE Z55 OR BETTER.

CONSTRUCTION NOTES:

1. DIVERT WATER AWAY FROM CONSTRUCTION AREA BY INSTALLING TEMPORARY CULVERT, IF REQUIRED.
2. BACKFILL EXISTING CHANNEL TO GAIN ACCESS TO WORK AREA, IF REQUIRED.
3. REMOVE FALLEN TREES AND VEGETATION.
4. INSTALL SHEET PILES.
5. INSTALL DRAIN HOLES IN FRONT FACE OF SHEET PILES.
6. INSTALL SUB DRAIN AND CLEAR STONE WRAPPED IN FILTER FABRIC.
7. BACKFILL 3-4m BEHIND SHEET PILE WALL WITH 19mm DIA CLEAR STONE, PLACE FILTER FABRIC ON EXISTING GROUND PRIOR TO PLACING CLEAR STONE AND WRAP FILTER FABRIC AROUND CLEAR STONE.
8. BACKFILL REMAINING VOID ON SLOPE WITH EARTH, ENSURE NO NEW SOIL IS PLACED ON EXISTING VEGETATION. ONLY PLACE SOIL ON BARE FAILED SLOPE.
9. RESTORE WATER DIVERSION TO PREVIOUS CONDITION OR AS REQUIRED.

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DESIGN BY: T. RANKIN	SCALE: AS NOTED	RANKIN JOB No.: N/A
CHECK BY:	DATE: DECEMBER 20, 2017	
DRAWN BY: B. ALBANO	DRAWING No.: 2	