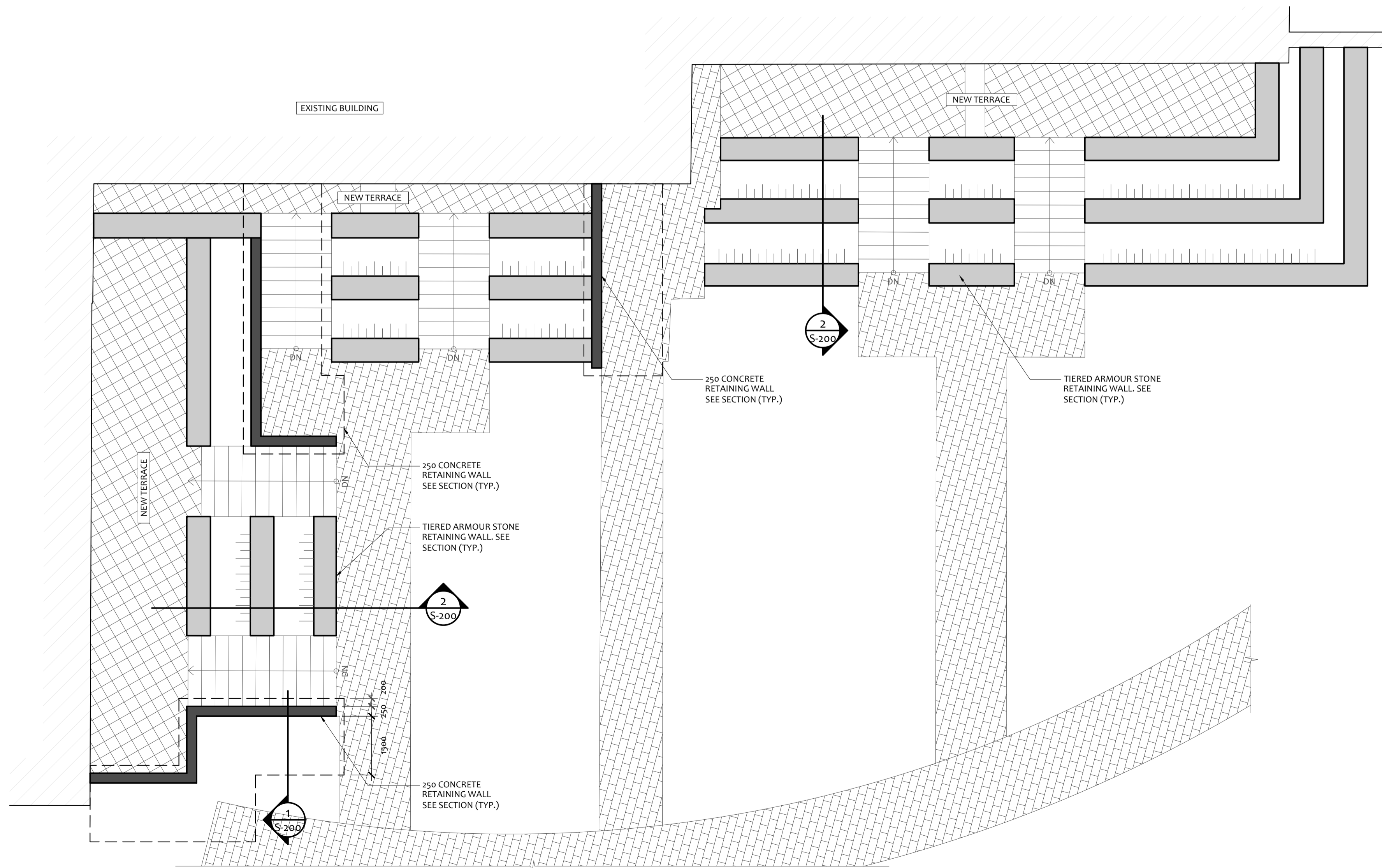
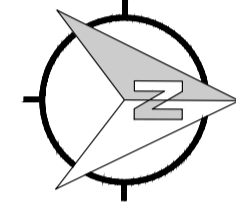
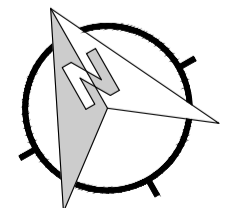


NORTH DUG-OUT BASEMENT / RETAINING WALLS
SCALE: 1:75



SOUTH DUG-OUT BASEMENT / RETAINING WALLS
SCALE: 1:75



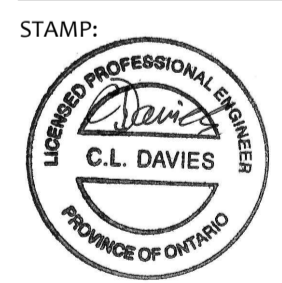
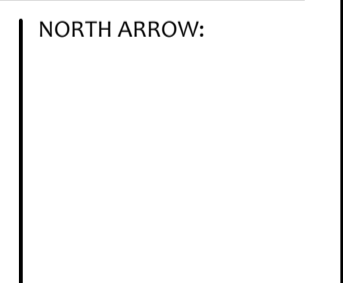
- NOTES:
1. REFER TO CIVIL DRAWINGS FOR GRADING DETAILS INCLUDING ALL FINISHED ELEVATIONS, DRAINS ETC.
 2. REFER TO LANDSCAPE DRAWINGS FOR ALL LANDSCAPING REQUIREMENTS.
 3. REFER TO GEOTECHNICAL REPORT FOR SLOPE STABILITY REQUIREMENTS.
 4. SEE SECTIONS FOR RETAINING WALL DETAILS.
 5. REFER TO ARCHITECTURAL/ LANDSCAPE DRAWINGS FOR GUARDRAIL DETAILS - REQUIRED WHERE RETAINED HEIGHT EXCEEDS 600mm



D+M Structural Ltd.
110-333 Preston Street, Ottawa, ON, K1S 5N4
Phone: (613) 651-9490

THIS DRAWING IS PROVIDED BY AND IS THE PROPERTY OF D+M STRUCTURAL LTD. COPYRIGHT RESERVED. NOT TO BE USED FOR CONSTRUCTION UNLESS STAMPED AND SIGNED BY ENGINEER. CONTRACTOR SHALL CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON SITE AND REPORT ANY DISCREPANCIES TO THE ENGINEER BEFORE PROCEEDING. ALL WORK TO BE COMPLETED IN COMPLIANCE WITH APPLICABLE BUILDING CODES, REGULATIONS, AND BY-LAWS. DO NOT SCALE DRAWINGS

#	DATE	DESCRIPTION
1	22 09 28	ISSUED FOR MUNICIPAL APPROVAL

STAMP:  NORTH ARROW: 

PROJECT NAME AND ADDRESS:
8 STOREY APARTMENT BUILDING CONVERSION
1600 JAMES NAISMITH DRIVE
OTTAWA, ON

DRAWING NAME:
RETAINING WALL PLAN

DESIGNED BY: C. DAVIES
DRAWN BY: A. WITTICH
START DATE: 2022 09 26
D+M PROJECT #: 22-110

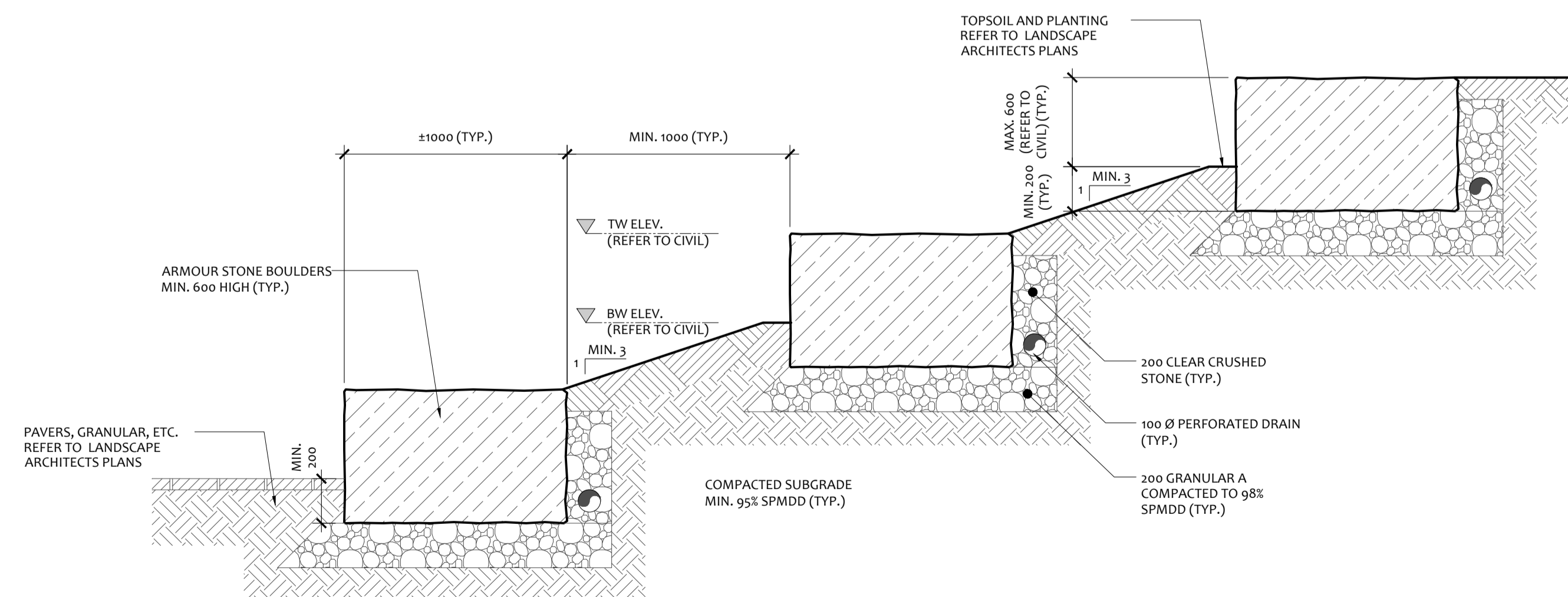
S-100

NOTES:

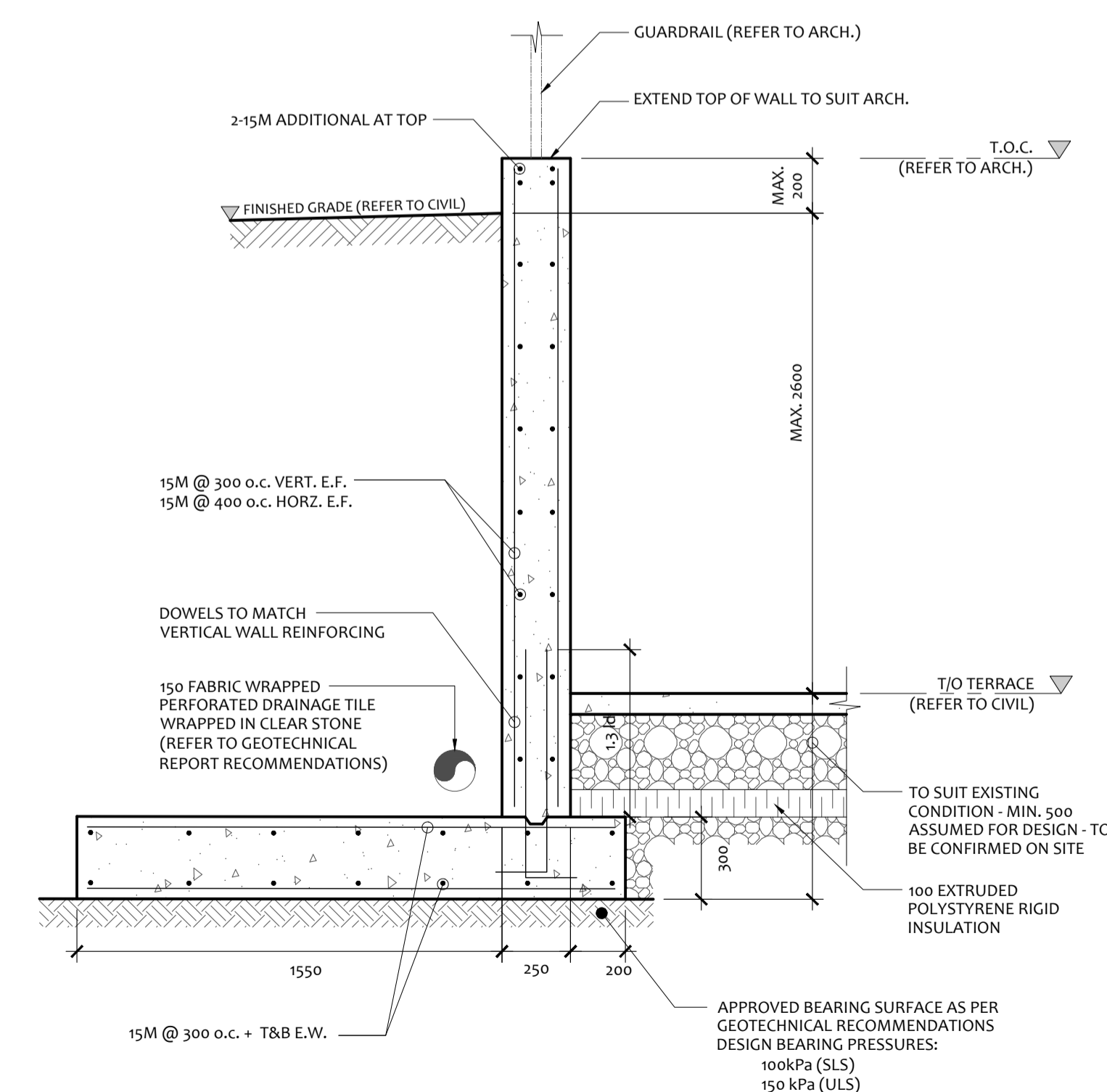
1. REFER TO CIVIL DRAWINGS FOR GRADING DETAILS INCLUDING ALL FINISHED ELEVATIONS, DRAINS ETC.
2. REFER TO LANDSCAPE DRAWINGS FOR ALL LANDSCAPING REQUIREMENTS.
3. REFER TO GEOTECHNICAL REPORT FOR SLOPE STABILITY REQUIREMENTS.
4. SEE SECTIONS FOR RETAINING WALL DETAILS.
5. REFER TO ARCHITECTURAL/ LANDSCAPE DRAWINGS FOR GUARDRAIL DETAILS - REQUIRED WHERE RETAINED HEIGHT EXCEEDS 600mm

CONCRETE NOTES:

1. ALL CONCRETE WORK TO COMPLY WITH CSA A23.1/A23.2
2. REINFORCING STEEL SHALL BE DEFORMED STEEL BARS IN ACCORDANCE WITH CSA G30.18, GRADE 400R
3. CONCRETE PERFORMANCE CHARACTERISTICS
28-DAY STRENGTH: 25MPa
EXPOSURE CLASS: F-2
AIR ENTRAINMENT: 4-7%
4. ALL REINFORCING STEEL TO BE DETAILED, FABRICATED, PLACED, & SUPPORTED IN ACCORDANCE WITH THE REINFORCING STEEL INSTITUTE OF CANADA MANUAL OF STANDARD PRACTICE
5. CONCRETE COVER TO REINFORCING BARS
FOUNDATION BOTTOM BARS: 75mm
REMAINDER: 40mm
6. ALL EXPOSED CORNERS TO HAVE 19mm CHAMFER (TYP.)



2 SECTION: TYPICAL ARMOUR STONE TERRACED WALL
SCALE: 1:20



1 SECTION: TYPICAL CAST-IN-PLACE CONCRETE RETAINING WALL
SCALE: 1:20

#	DATE	DESCRIPTION
1	22 09 28	ISSUED FOR MUNICIPAL APPROVAL

STAMP: NORTH ARROW:

PROJECT NAME AND ADDRESS:
8 STOREY APARTMENT BUILDING CONVERSION
1600 JAMES NAISMITH DRIVE
OTTAWA, ON

DRAWING NAME:
SECTIONS

DESIGNED BY: C. DAVIES
DRAWN BY: A. WITTICH
START DATE: 2022 09 26
D+M PROJECT #: 22-110

S-200