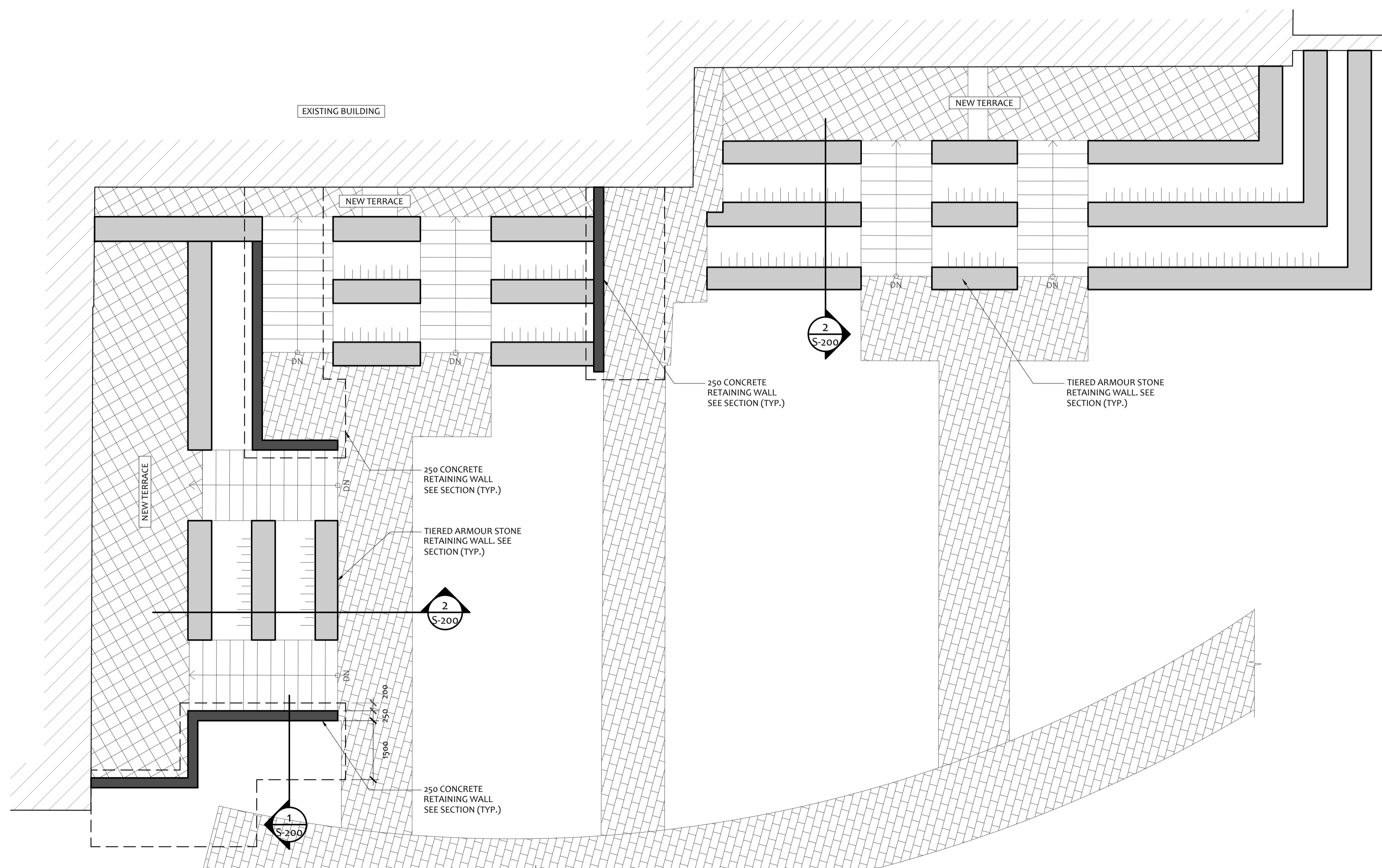
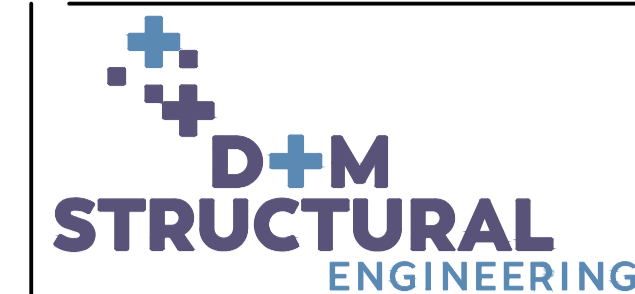


NORTH DUG-OUT BASEMENT / RETAINING WALLS
SCALE: 1/75



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

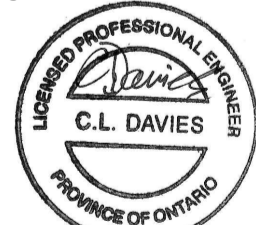

- NOTES:**
1. REFER TO CIVIL DRAWINGS FOR GRADING DETAILS INCLUDING ALL FINISHED ELEVATIONS, DRAINS ETC.
 2. REFER TO LANDSCAPE DRAWINGS FOR ALL LANDSCAPING REQUIREMENTS.
 3. REFER TO GEOTECHNICAL REPORT FOR SLOPE STABILITY REQUIREMENTS.
 4. SEE SECTIONS FOR RETAINING WALL DETAILS.
 5. REFER TO ARCHITECTURAL/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

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#	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

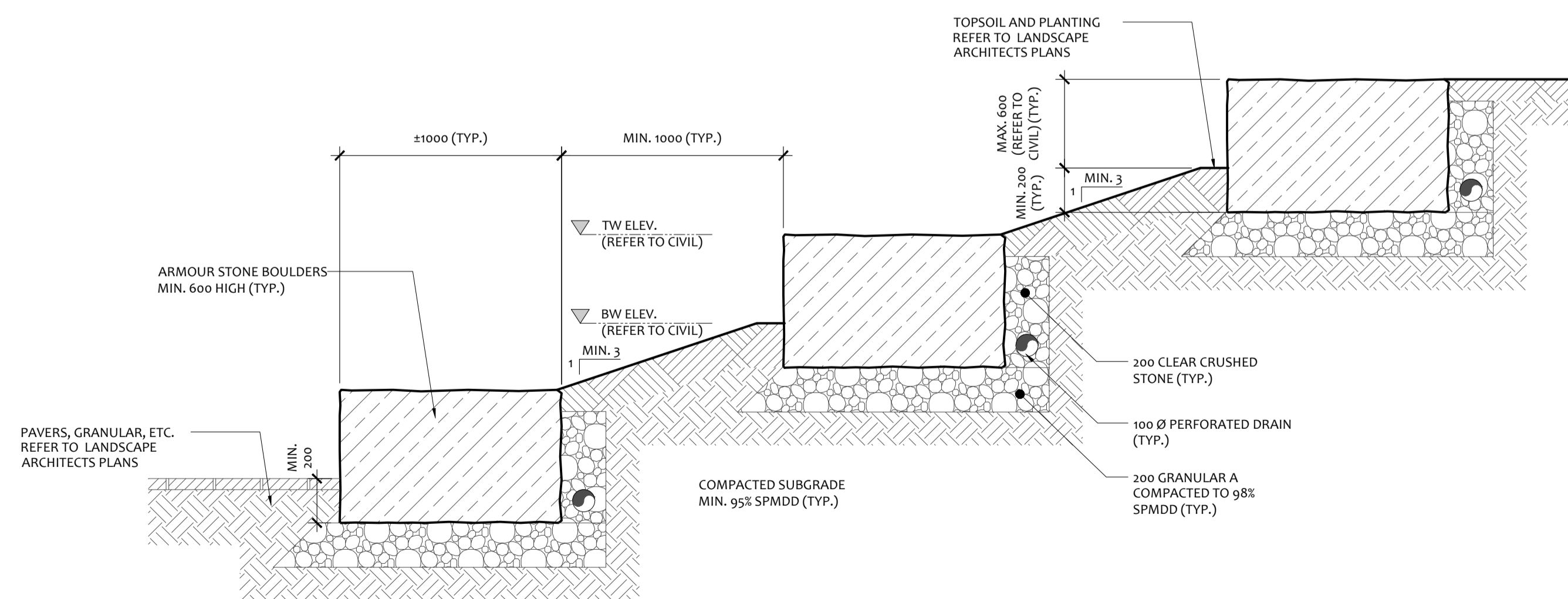
S-100

NOTES:

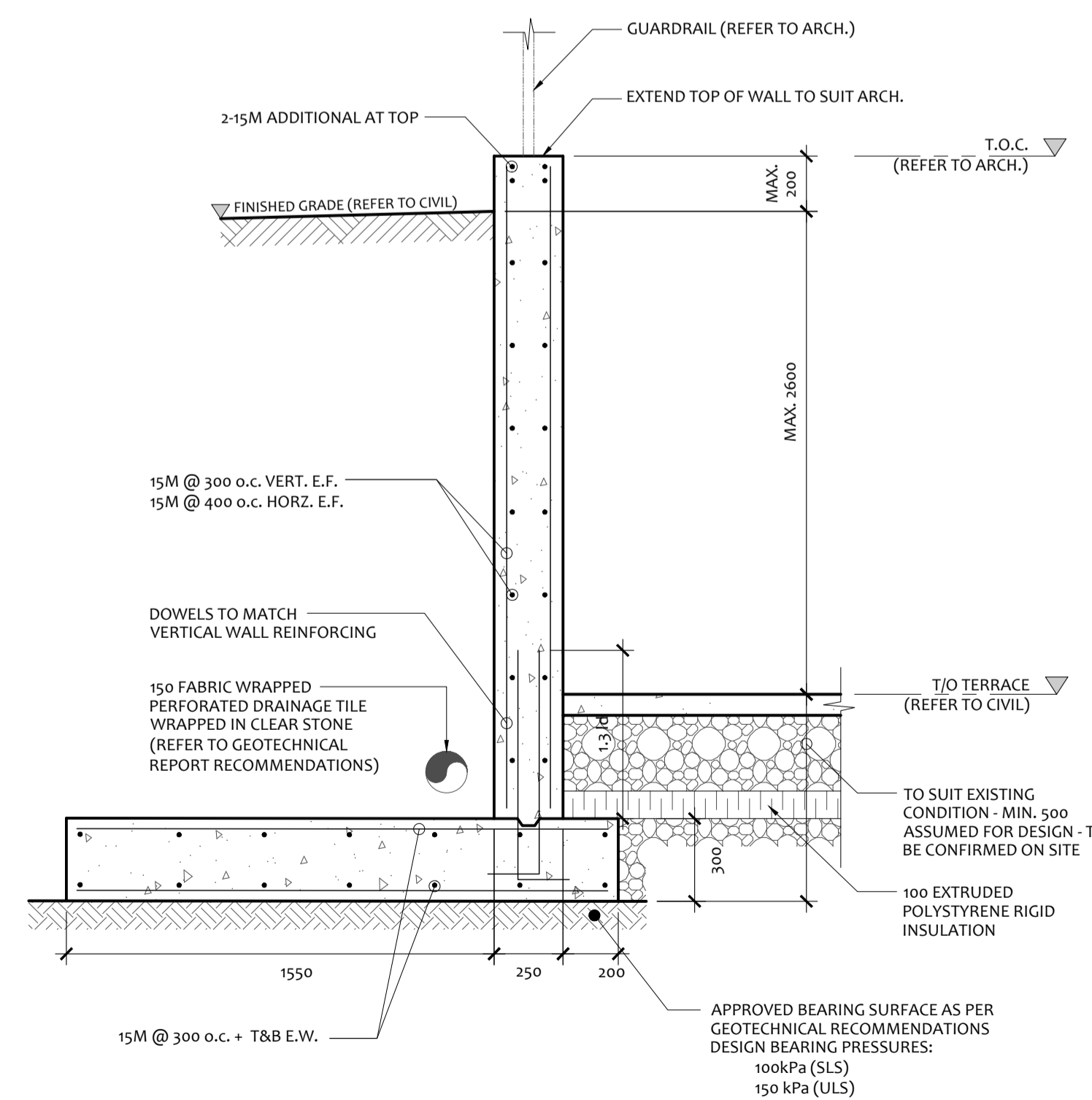
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- REFER TO ARCHITECTURAL/ LANDSCAPE DRAWINGS FOR GUARDRAIL DETAILS - REQUIRED WHERE RETAINED HEIGHT EXCEEDS 600mm

CONCRETE NOTES:

- ALL CONCRETE WORK TO COMPLY WITH CSA A23.1/A23.2
- REINFORCING STEEL SHALL BE DEFORMED STEEL BARS IN ACCORDANCE WITH CSA G30.18, GRADE 400R
- CONCRETE PERFORMANCE CHARACTERISTICS
28-DAY STRENGTH: 25MPa
EXPOSURE CLASS: F3
AIR ENTRAINMENT: 4-7%
- ALL REINFORCING STEEL TO BE DETAILED, FABRICATED, PLACED, & SUPPORTED IN ACCORDANCE WITH THE REINFORCING STEEL INSTITUTE OF CANADA MANUAL OF STANDARD PRACTICE
- CONCRETE COVER TO REINFORCING BARS
FOUNDATION BOTTOM BARS: 75mm
REMAINDER: 40mm
- ALL EXPOSED CORNERS TO HAVE 19mm CHAMFER (TYP.)



2 SECTION: TYPICAL ARMOUR STONE TERRACED WALL
S-200 SCALE: 1:20



1 SECTION: TYPICAL CAST-IN-PLACE CONCRETE RETAINING WALL
S-200 SCALE: 1:20

#	DATE	DESCRIPTION
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STAMP: NORTH ARROW:

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8 STOREY APARTMENT BUILDING CONVERSION
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OTTAWA, ON

DRAWING NAME:
SECTIONS

DESIGNED BY: C. DAVIES
DRAWN BY: A. WITTICH
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