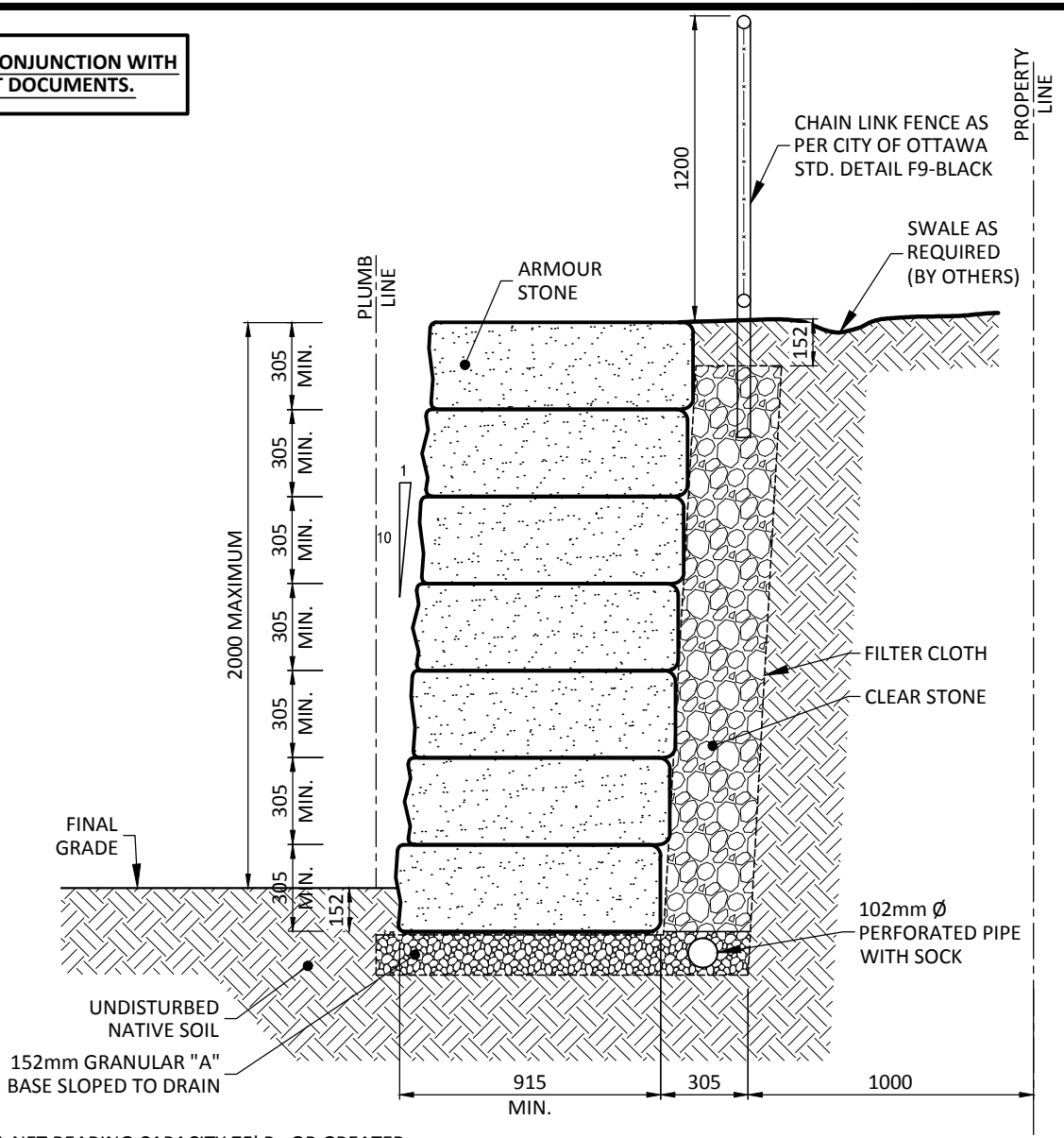


**TO BE RED IN CONJUNCTION WITH
CONTRACT DOCUMENTS.**



ASSUMPTIONS

1. ALLOWABLE SOIL NET BEARING CAPACITY 75kPa OR GREATER. SURCHARGE LOAD ON GROUND NOT TO EXCEED 50PSF. $K_a=0.32$ COEFFICIENT OF EARTH PRESSURE TO BE CONFIRMED BY GEOTECHNICAL ENGINEER.
2. TO PREVENT LONG TERM SETTLEMENT OF RETAINING WALL, FILL, ORGANIC, LOOSE WET OR DELETERIOUS MATERIAL SHOULD BE REMOVED FROM BELOW THE RETAINING WALL. GRANULAR MATERIALS PLACED BELOW THE PROPOSED RETAINING WALL SHOULD BE COMPACTED IN MAXIMUM 6" (152mm) THICK LIFTS TO AT LEAST 95% OF THE STANDARD PROCTOR MAXIMUM DRY DENSITY VALUE.
3. AMOUR STONE TO BE CLEAN, HARD, DURABLE ROCK, FREE OF CRACKS, ANGULAR SHAPE, UNIFORM GRADATION, RATIO OF MIN/MAX DIMENSION 1:4 OF ANY TWO STONES IN ENTIRE WALL. THE LENGTH OF ARMOUR STONE SHOULD BE 915mm MINIMUM.
4. CONTRACTOR TO VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.
5. WE UNDERSTAND THAT SITE REVIEW AND PERMIT APPLICATIONS WILL BE PERFORMED BY OTHERS.
6. McINTOSH PERRY CONSULTING ENGINEERS LTD. WILL NOT BE LIABLE FOR ANY CONSTRUCTION THAT HAS NOT BEEN INSPECTED BY McINTOSH PERRY CONSULTING ENGINEERS LTD.



Client:
DOYLE HOMES
124 REIS ROAD. CARP, ONTARIO, K0A 1L0
Drawing Title:
2m ARMOUR STONE RETAINING WALL
150 & 170 SALISBURY STREET, OTTAWA, ON.

Project Number:
CP-12-104

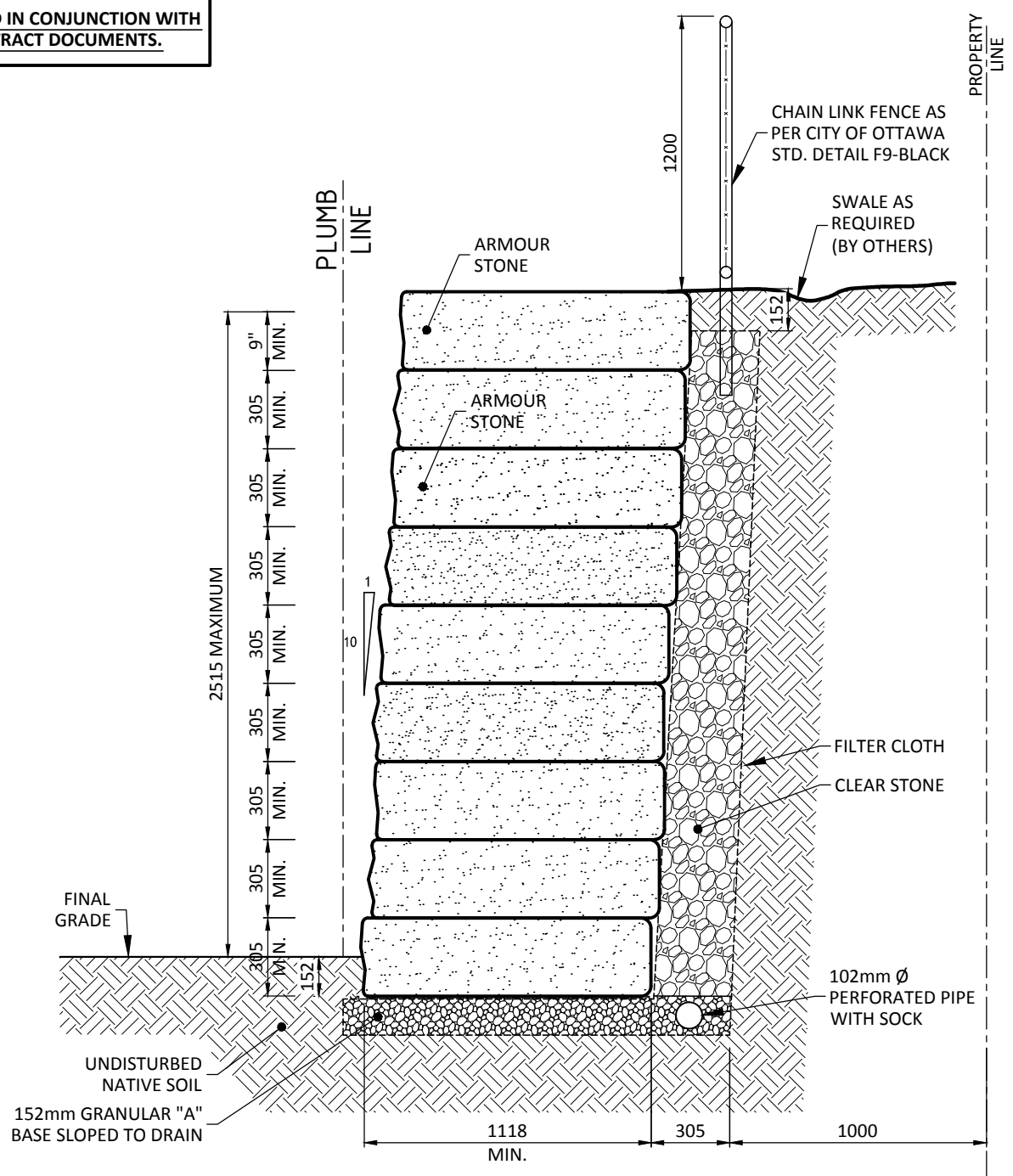
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M.Z.
Scale:
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Checked By:
M.Z.
Date:
APR 15, 2014

2	REV 01 (CITY OF OTTAWA COMMENTS)	15 AUG 14
1	ISSUED FOR PERMIT & CONSTRUCTION	15 APR 14
No.	Revision / Issue	Date

Drawing Number:
S1

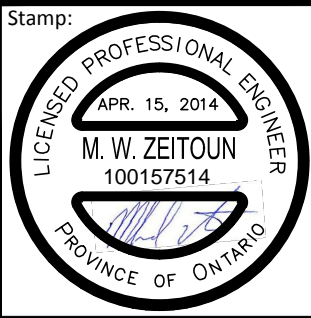
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**TO BE RED IN CONJUNCTION WITH
CONTRACT DOCUMENTS.**



ASSUMPTIONS

- REFER TO S1 FOR NOTES AND ASSUMPTIONS.



Client: **DOYLE HOMES**
124 REIS ROAD, CARP, ONTARIO, K0A 1L0
Drawing Title: **2.5m ARMOUR STONE RETAINING WALL**
150 & 170 SALISBURY STREET, OTTAWA, ON.

Project Number:
CP-12-104

Drawing Number:
S2

Drawn by: M.Z.	Scale: 1:25		
Checked By: M.Z.	Date: APR 15, 2014	2	REV 01 (CITY OF OTTAWA COMMENTS) 15 AUG 14
		1	ISSUED FOR PERMIT & CONSTRUCTION 15 APR 14
		No.	Revision / Issue Date

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