

NOTES

ENGINEER TO APPROVE FOUNDING CONDITIONS PRIOR TO CASTING OF CONCRETE.

SET BOTTOM ROW OF BLOCKS IN WET CONCRETE.

CONCRETE STRENGTH TO BE 25 MPa AT 28 DAYS.

ENGINEER'S CERTIFICATE OF COMPLETION TO BE PROVIDED UPON COMPLETION.

ALL BACKFILL TO BE COMPACTED TO 93% MOD. AASHTO DENSITY.

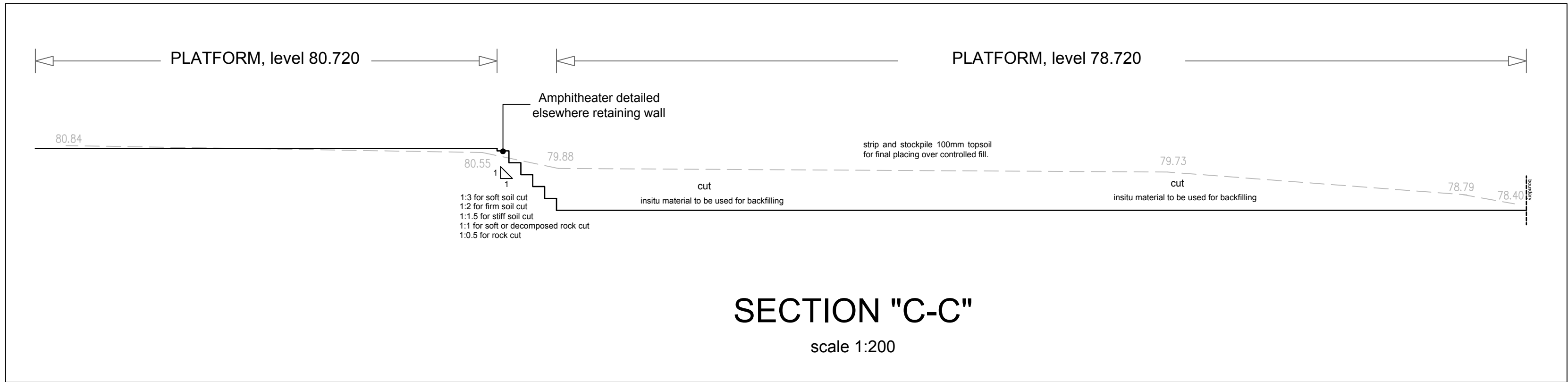
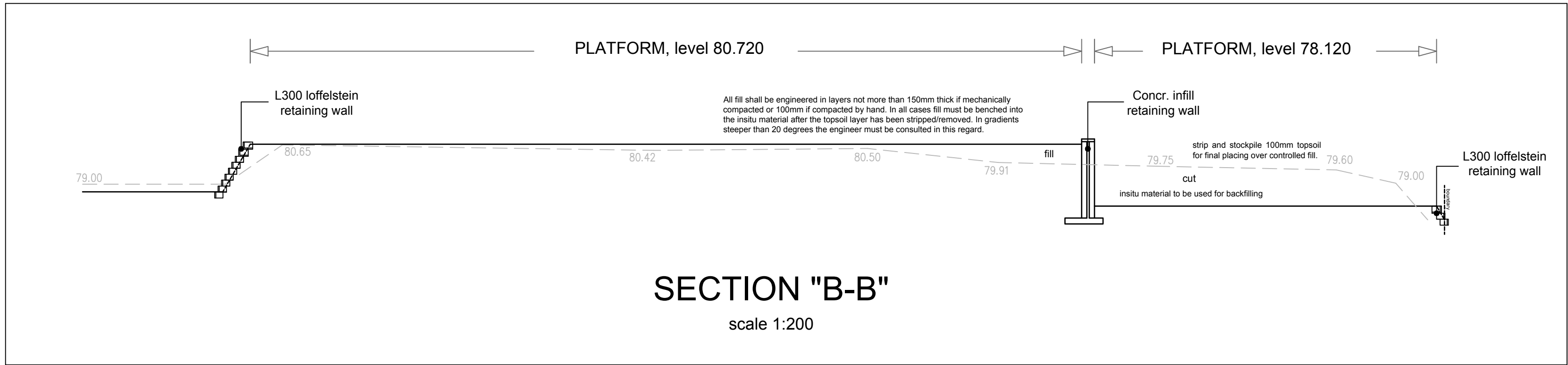
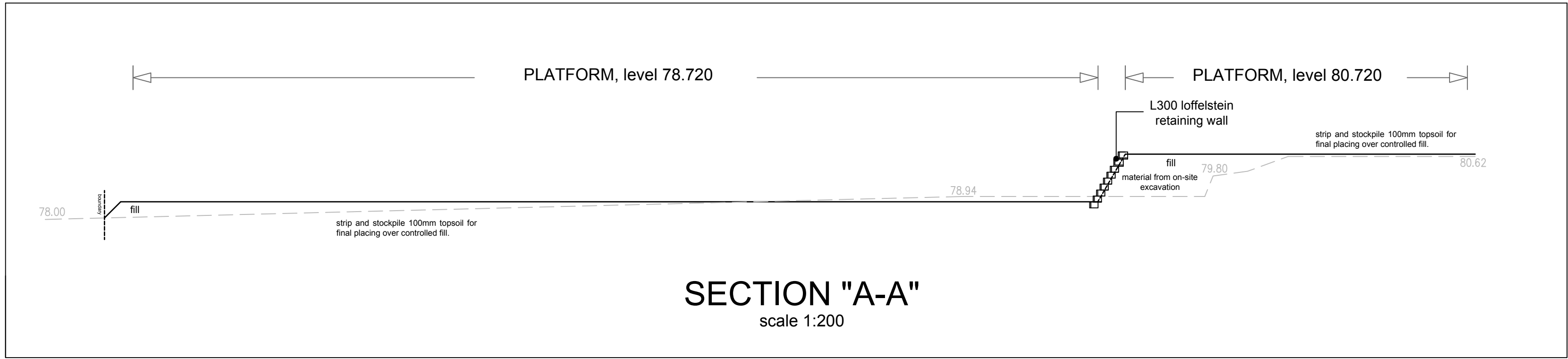
UNLESS OTHERWISE AGREED WITH ENGINEER, CONTRACTOR TO SUPPLY ENGINEER WITH RESULTS OF COMPACTED TESTS, AND WHEN APPLICABLE, PERCENTAGE STABILIZATION TESTS ON THE BACKFILL.

STORM WATER BEHIND THE TOP OF THE WALL TO BE MANAGED IN SUCH A MANNER AS TO OBIATE SCOUR BEHIND OR OVER -TOPPING OF THE WALL .

170mm X 170mm CLEAN SAND DRAINAGE WEEPHOLES THROUGH STABILIZATION AT 2m CENTRES. FIRST ROW 200mm ABOVE FGL IN FRONT AND REPEAT IN 1m LIFTS.

BACKFILL TO BE BENCHED IN COMPACTED GROUND.

40 Kg/m3 OF STEEL REINFORCEMENT TO BE ALLOWED FOR IN CONCRETE FOUNDATION BY CONTRACTOR



- EARTHWORKS NOTES:**
- 1.MATERIAL, CONSTRUCTION, TESTING, BEDDING ETC. SHALL BE IN ACCORDANCE WITH THE RELEVANT CLAUSE OF STANDARDIZED SPECIFICATIONS SANS 1200C AND DM
 - 2.LEVELS ARE BASED ON MSL DATUM.
 - 3.ALL BULK EARTHWORKS AREAS SHALL BE CLEARED AND GRUBBED.
 4. TOPSOIL TO A DEPTH OF 100mm SHALL BE REMOVED FROM BULK EARTHWORKS AREAS AND STOCKPILED ON SITE FOR LATER LANDSCAPING.
 - 4.FILL MATERIAL SHALL BE COMPACTED TO 95% OF Mod AASHTO IN LAYERS NOT EXCEEDING 300mm (OR AS PER SPECIFICATION)
 - 5.CUT AND FILL SLOPES SHALL BE 1:1.5 FOR EARTHWORKS PLATFORMS UNLESS NOTED OTHERWISE.
 - 6.THE LOCATION AND DEPTH OF EXISTING SERVICES SHALL BE CONFIRMED PRIOR TO COMMENCING EARTHWORKS OPERATIONS.
 - 7.ENGINEER TO APPROVE SETTING OUT BEFORE CONSTRUCTION COMMENCES.

TO BE READ WITH BULK EARTHWORKS AND PLATFORMS DRAWING

REVISIONS		
	DATE	DESCRIPTION
A	18/10/2019	DESIGN APPROVAL
CLIENT:		
 Department: Education PROVINCE OF KWAZULU-NATAL		
Head Office, 247 Burger Street, Pietermaritzburg, 3200 Telephone Number: (033) 392 1203 Fax number: (033) 392 1203		
IMPLEMENTING AGENT:		
 Headway Hill, 1258 Lever Road, Midrand, South Africa Telephone Number: +27 11 313 3500 Fax number: +27 11 313 3500 or +27 11 313 3297 Web: webmaster@dbsa.org		
PROJECT MANAGERS:		
CIVIL ENGINEERS:		
STRUCTURAL ENGINEERS:		
 Regus Westway, 3 Floor, 18 The Boulevard Westway Office Park, Westville, DURBAN Tel: (031) 003 3137, Fax: (031) 003 3101, F2E, 086 671 3682 sdu@bhadama.co.za, sduw@bhadama.co.za		
PROJECT NAME INFORMATION		
ALTERATIONS AND ADDITIONS TO KHANDISA PRIMARY SCHOOL IN DLANGEZWE		
SECTION / BLOCK		
GENERAL SITE LAYOUT PLAN		
TITLE		
CIVIL ENGINEERING DRAWING		
DRAWING DESCRIPTION		
BULK EARTHWORKS AND PLATFORM: SECTIONS AND DETAILS		
SCALE	AS SHOWN	
DESIGNED SAM	DATE OCT 2019	PI/Eng No. 20160552
DRAWN SAM	DATE OCT 2019	PI/Eng No. 20160552
APPROVED RJK	DATE OCT 2019	DRAWN: 20060009
DRAWING NUMBER: P1911/10-004		REVISION A