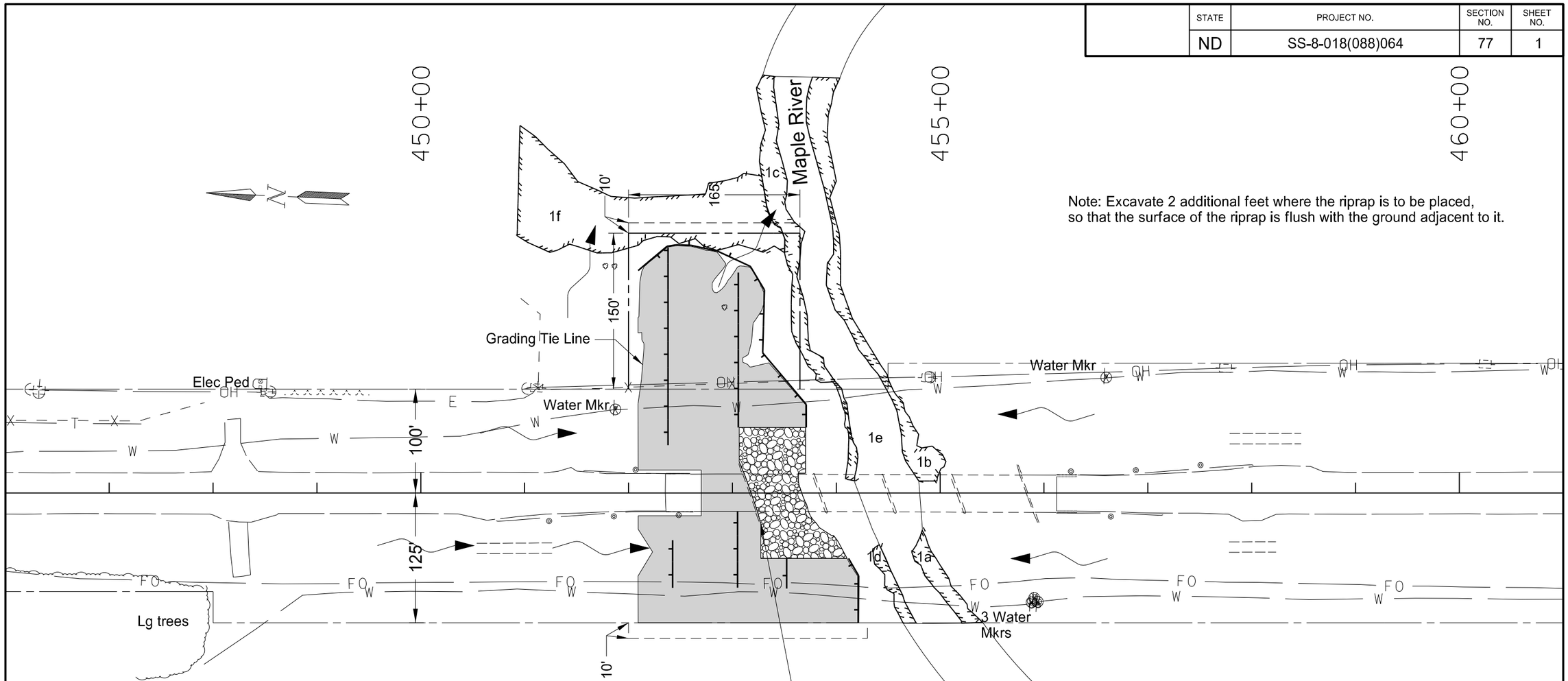
STATE	PROJECT NO.	SECTION NO.	SHEET NO.
ND	SS-8-018(088)064	77	1



Note: Excavate 2 additional feet where the riprap is to be placed, so that the surface of the riprap is flush with the ground adjacent to it.

SPEC	CODE	BID ITEM	UNIT	QUANTITY
251	0200	**SEEDING CLASS II**		
		Sta 452+09.2 to Sta 454+20.5	ACRE	1.008
255	0102	**ECB TYPE 2**		
		Sta 452+09.2 to Sta 454+20.5	SY	4878
256	0200	**RIPRAP GRADE II**		
		Sta 453+06.5 to Sta 454+10 - 63' Lt & Rt	CY	561
261	0112	**FIBER ROLLS 12IN**		
		Sta 452+43 Rt	LF	46
		Sta 452+38 Lt	LF	190
		Sta 453+05 Rt	LF	74
		Sta 453+05 Lt	LF	149
		Sta 453+52 Rt	LF	29
		Sta 452+09.2 - 214' Lt to Sta 453+18 - 218' Lt	LF	121
		Sta 453+18 - 218' Lt to Sta 453+71 - 63' Lt	LF	174
		Sta 454+12 - 63' Rt to 454+20.5 - 125' Rt	LF	65
709	0155	**GEOSYNTHETIC MATERIAL TYPE RR**		
		Sta 453+06.5 to Sta 454+10 - 63' Lt & Rt	SY	842

Riprap Grade II

Seeding Class II

Fiber Roll 12IN

REGISTERED PROFESSIONAL ENGINEER
Aaron Derman
Derman, Aaron J.
PE-27165
05/30/18
NORTH DAKOTA

Permanent Erosion Control

ND Highway 18 Slide Repair

9 Miles North of Jct ND 46