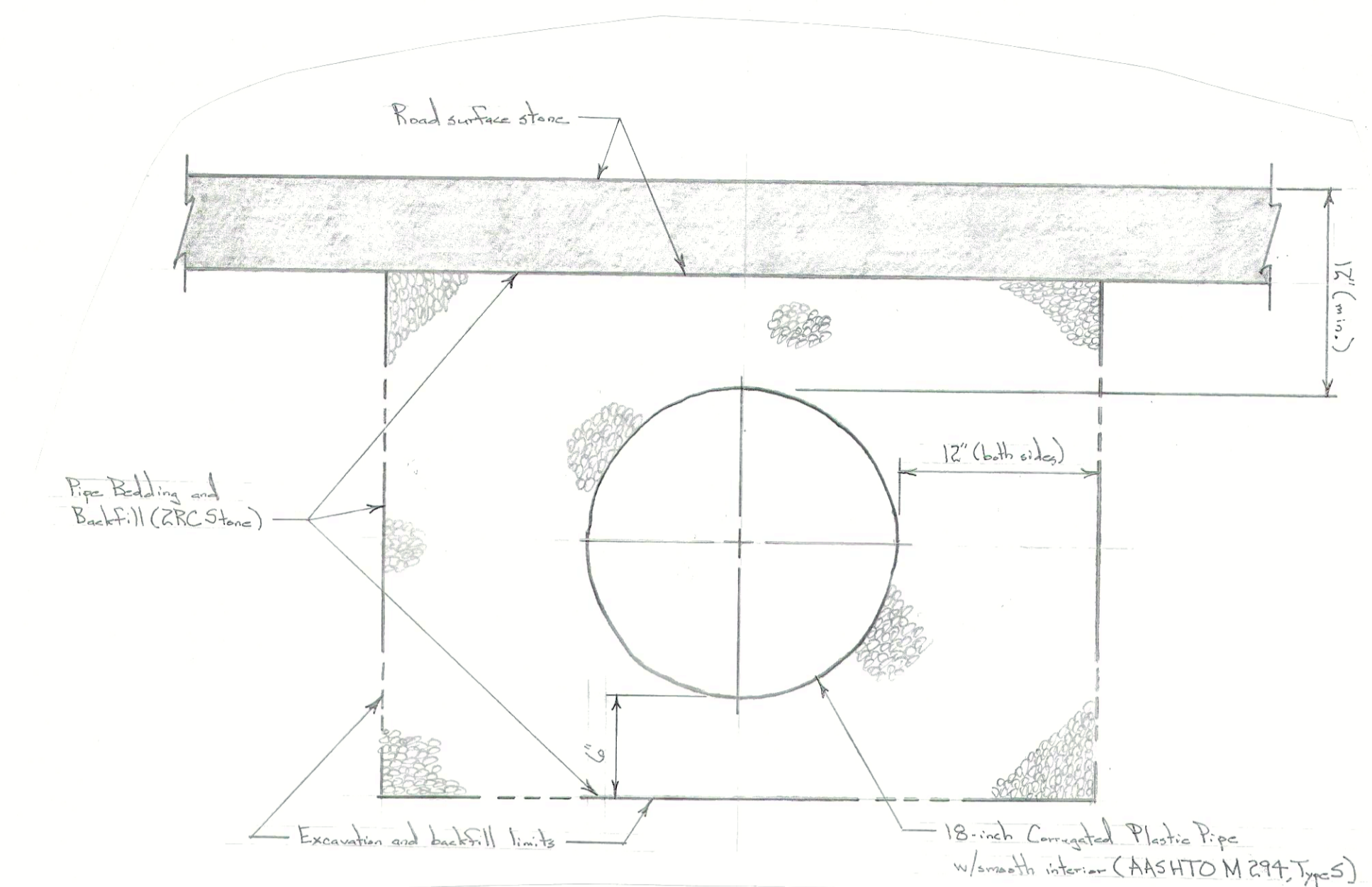


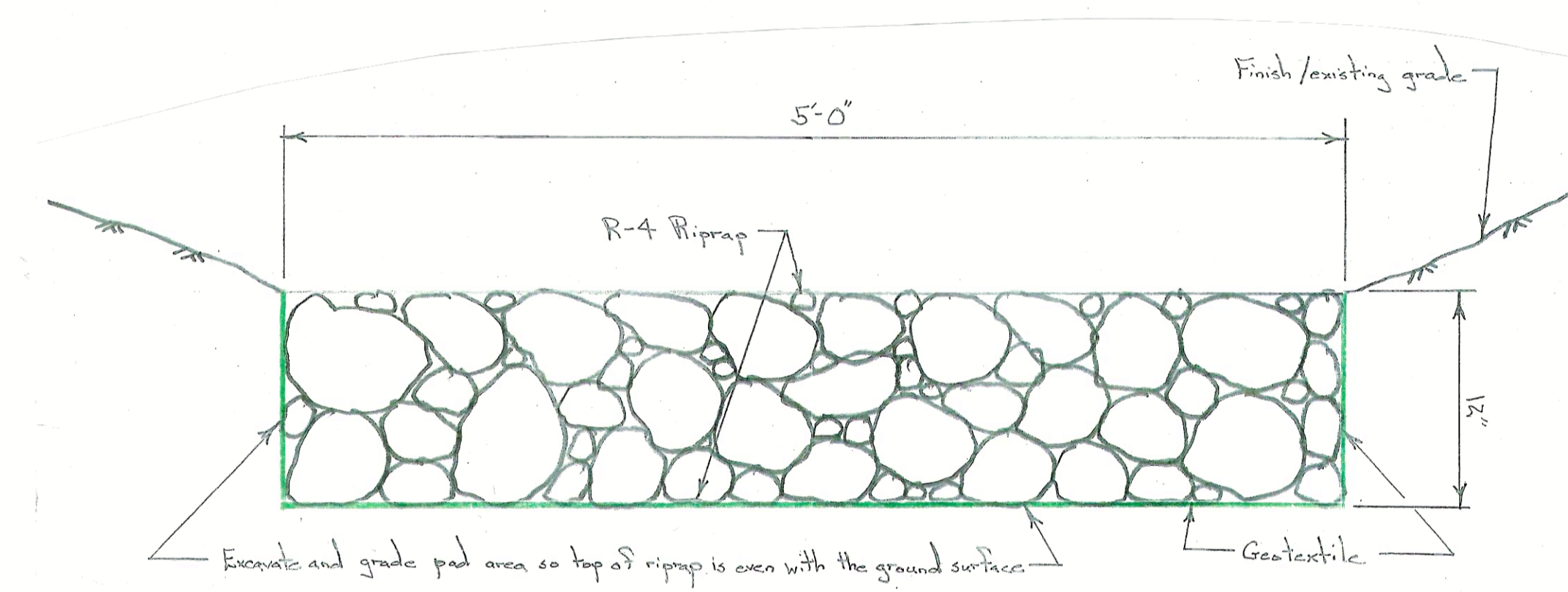
DRAINAGE PIPE PLAN

Scale: 1/4 in. = 1 ft.



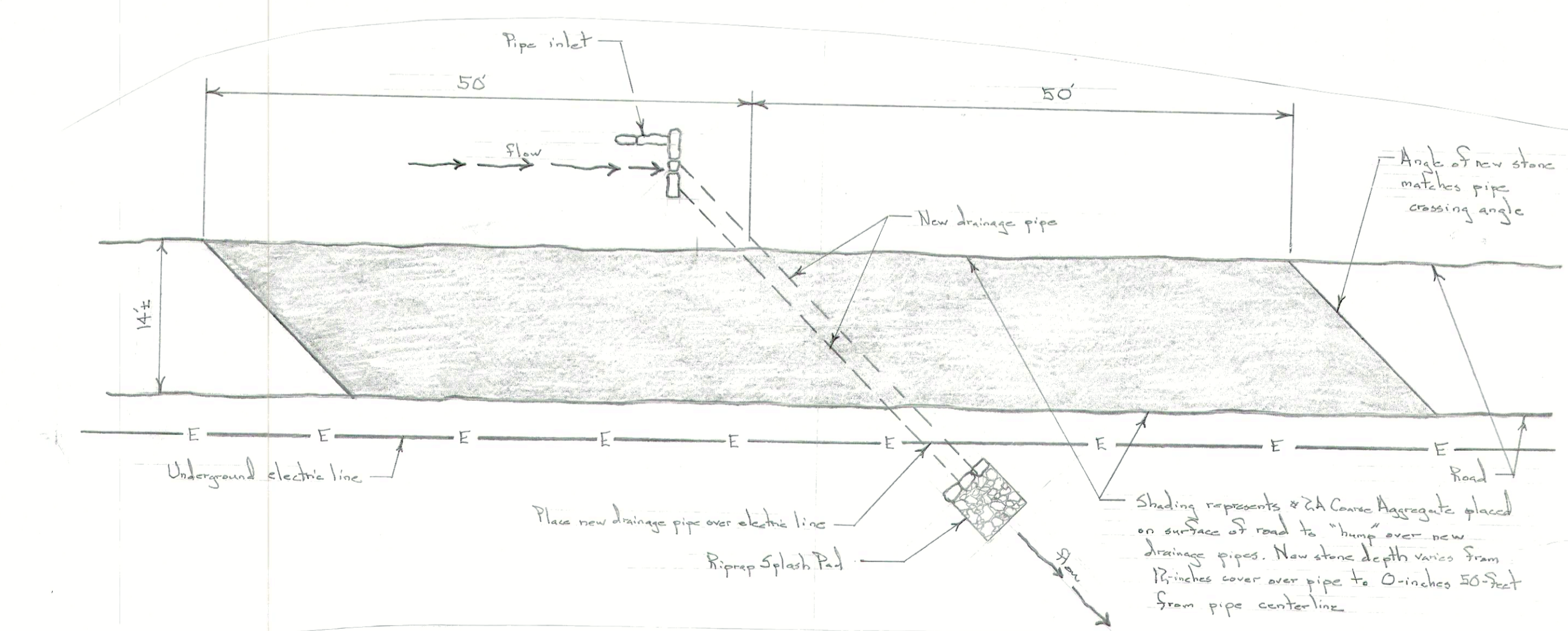
DRAINAGE PIPE SECTION

Scale: 1-1/2 in. = 1 ft.



RIPRAP SPLASH PAD DETAIL

Scale: 1-1/2 in. = 1 ft.



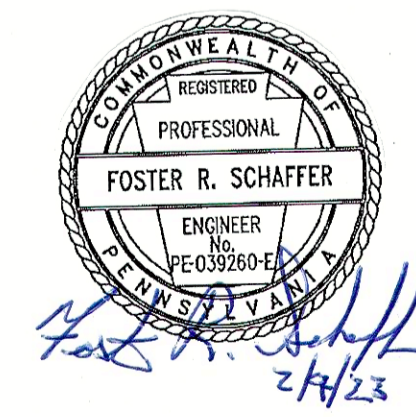
SHALLOW PIPE PLAN

Scale: 1 in. = 10 ft.

Note: Use this detail for pipe installations over underground electric lines from Sta. 106+41 to Sta. 124+63.

DRAINAGE PIPE NOTES

1. The minimum fall in the new drainage pipes is 3-inches over a 10-foot length (slope of 0.025).
2. Pipes should cross the road to suit field conditions and existing drainage paths. Pipes that cross the road at an angle are 30 or 40-feet long.
3. Extend some existing pipes with new 5-foot or 10-foot sections.
4. Construct stone endwalls on new and existing pipes designated to remain. See details for this work in Section 8 of the Technical Specifications.
5. Perform minor grading at the inlet and outlet ends of the new and existing drainage pipes so that flow smoothly enters and exits the pipes.
6. Minimum cover over the new drainage pipes is 12-inches.
7. The depth of placement of the new drainage pipes can vary to meet field conditions. The downstream ends of the pipes can be deeper to meet field conditions and slope requirements.



PENNSYLVANIA GAME COMMISSION		
SGL #37	RICHMOND TWP.	TIOGA CO.
FIRE TOWER ROAD MAINTENANCE PROJECT		
DRAINAGE PIPE DETAILS		
REVISIONS	PROJECT NO.	PGC-37-23-01
△	DRAWN BY:	JS
△	DATE:	2/2/23
△	SHEET NO.	3 OF 3