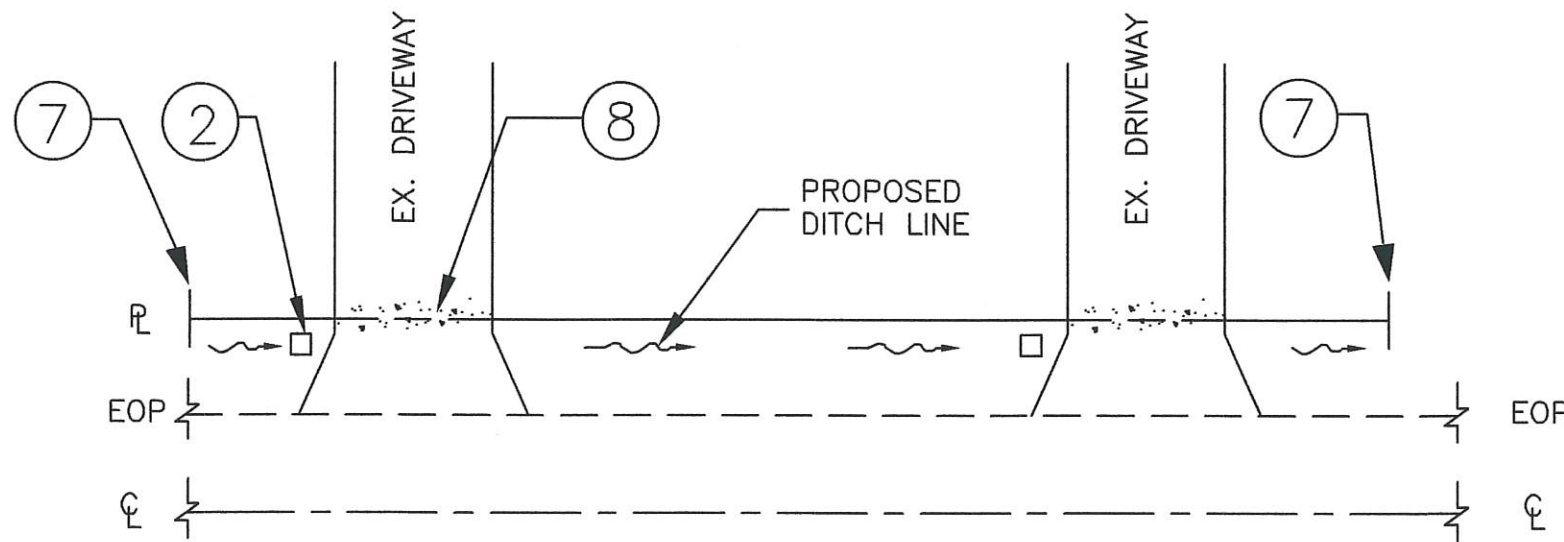
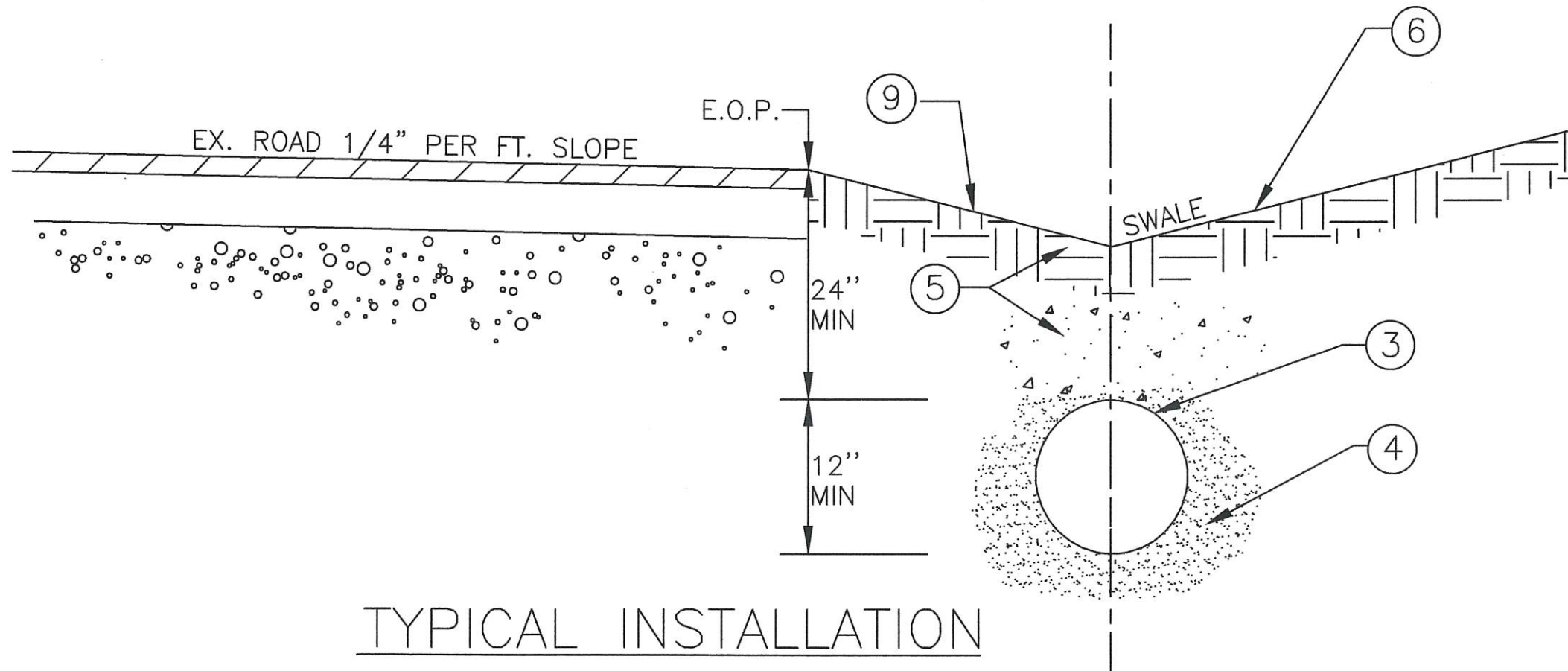


# MINIMUM REQUIREMENTS FOR DITCH ENCLOSURE WITHIN RIGHT-OF-WAY



1. MINIMUM DEPTH OF THE EXISTING DITCH MUST BE 30" BELOW EDGE OF PAVED ROAD.
2. A 2-2B OR 2-2A CATCH BASIN MUST BE INSTALLED ALONG THE PROPOSED STORM SEWER, AT UPSTREAM SIDE OF DRIVEWAY. LOCATION OF CB TO BE DETERMINED BY THE CITY OF STOW ENGINEERING DEPARTMENT.
3. PIPE SHALL BE HP, RCP PREMIUM JOINT ONLY., OR PVC SDR-35. 12" MINIMUM DIAMETER. THE DIAMETER TO BE DETERMINED BY THE CITY OF STOW ENGINEERING DEPARTMENT.
4. BEDDING SHOULD BE O.D.O.T. #57 LIMESTONE FROM 6" BELOW PIPE TO THE TOP OF PIPE.
5. BACKFILL ABOVE PIPE TO WITHIN 6" OF FINISH GRADE WITH COMPACTED O.D.O.T. # 304 LIMESTONE. THE TOP 2" SHALL BE SCREENED TOPSOIL OVER 4" COMPACTED CLEAN CLAY CAP SEED AND MULCH ALL DISTURBED AREAS AS PER CITY OF STOW STANDARDS.
6. END TREATMENT FOR PIPE SHALL BE O.D.O.T. HW-1 FULL HEIGHT HEADWALLS WITH DITCHLINE RIP RAP.
7. CULVERT UNDER DRIVEWAY TO BE REMOVED AND REPLACED AT TIME OF INSTALLATION OF PROP. DITCH CULVERT. THERE SHALL BE COMPACTED #57 LIMESTONE BEDDING AND #304 LIMESTONE COMPACTED BACKFILL UNDER ENTIRE WIDTH OF DRIVEWAY.
8. GRADE THE SWALE ABOVE THE STORM SEWER TO INSURE DRAINAGE TO THE CATCH BASIN.

\*\*NOTE: DITCH ENCLOSURES MUST BE APPROVED BY THE SERVICE DIRECTOR AND CITY ENGINEER FOR SAFETY REASONS.

CITY OF STOW, OHIO  
ENGINEERING DEPT.

CONSTRUCTION STANDARD

DRAWN BY: JHC DATE REVISED: 5/12/23

CITY ENGINEER: *James D. McCleary*

DATE: 7/28/23

DWG FILE: SDS-6

N.T.S.