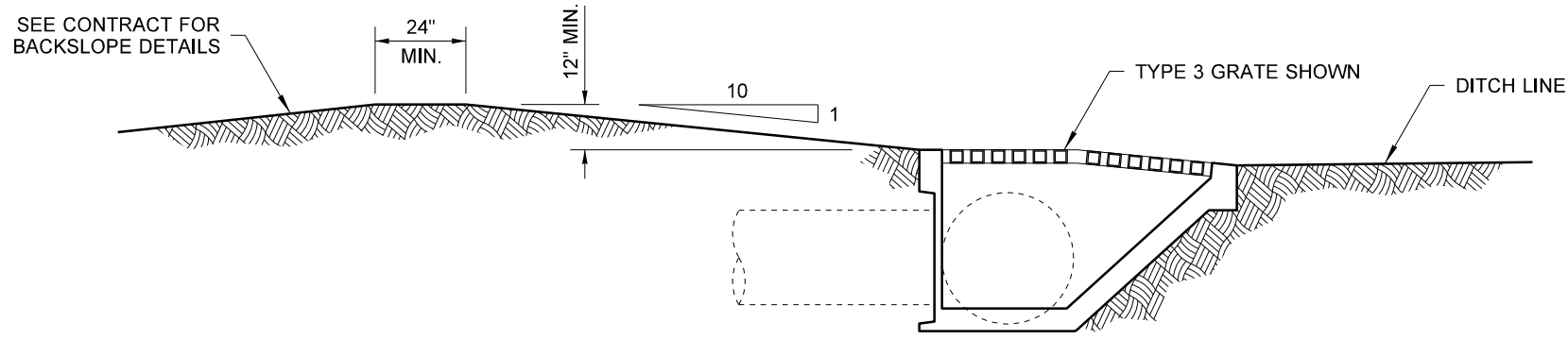
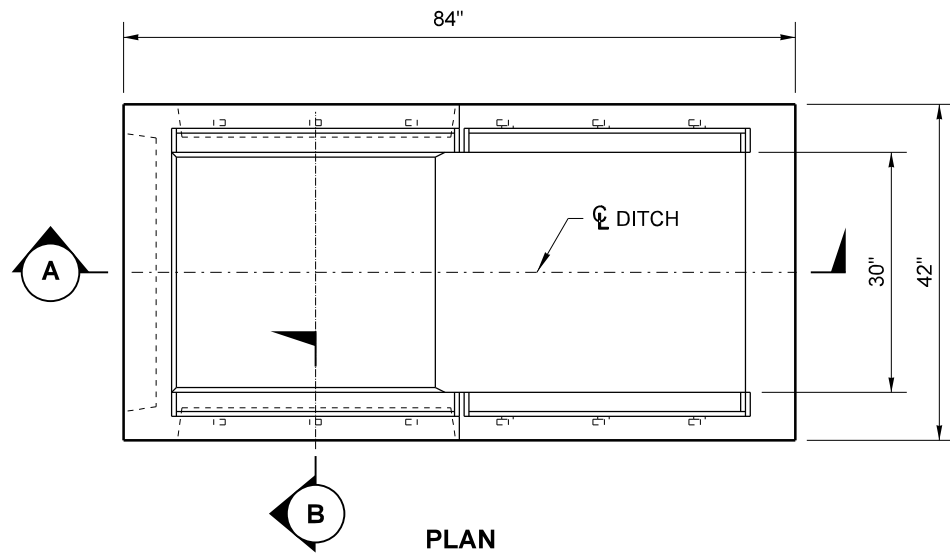


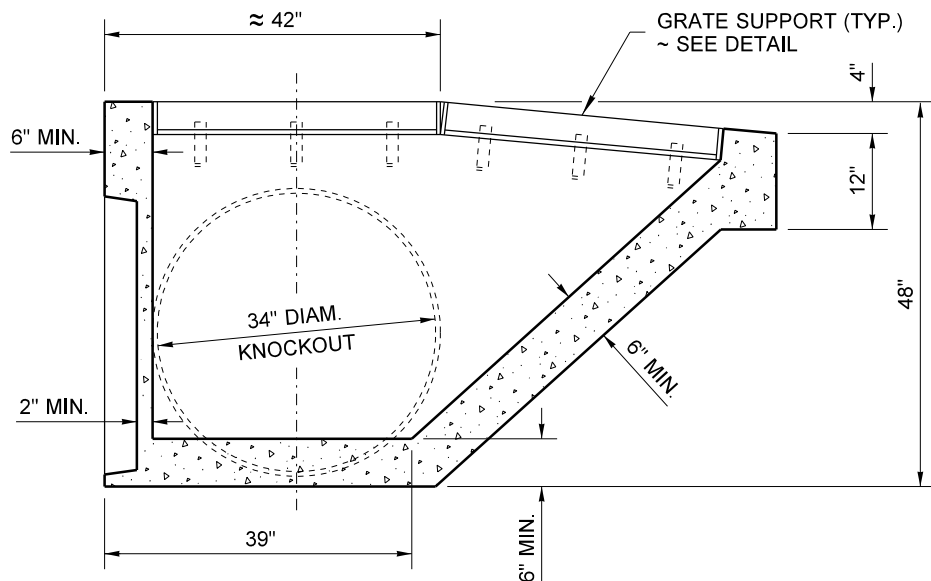
DRAWN BY: MARK SUJKA



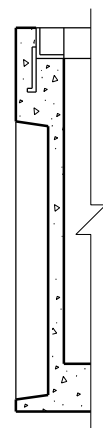
SECTION ON DITCH LINE  
DIKE INSTALLATION FOR PREFERRED SLOPE



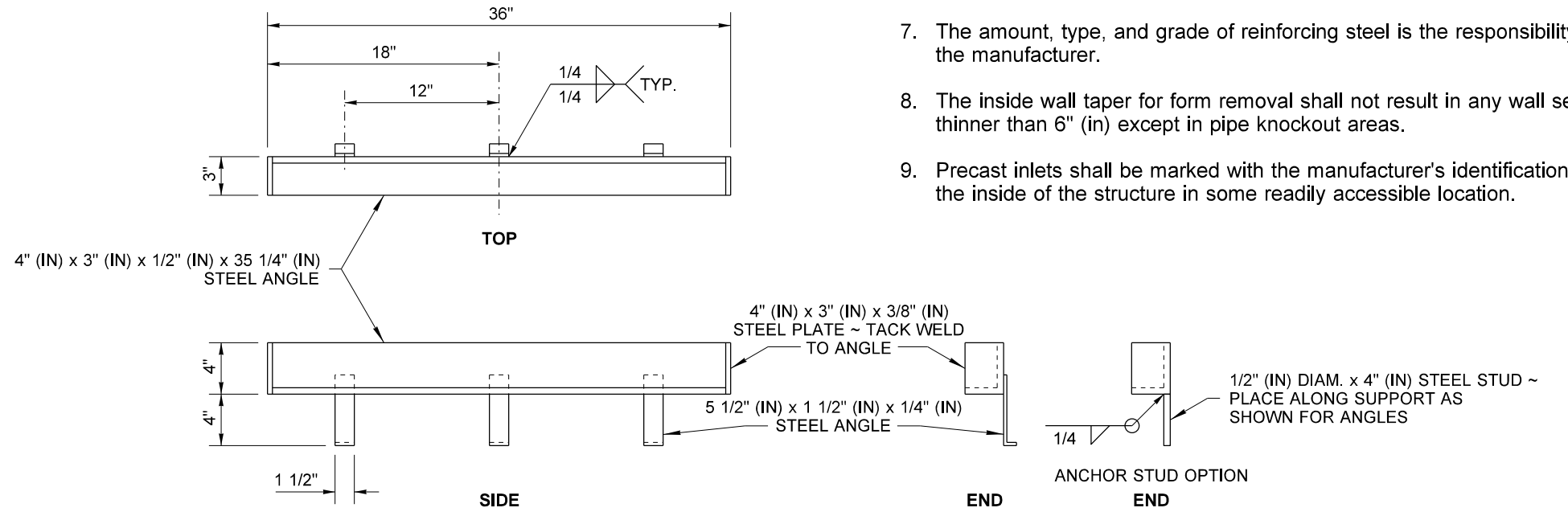
PLAN



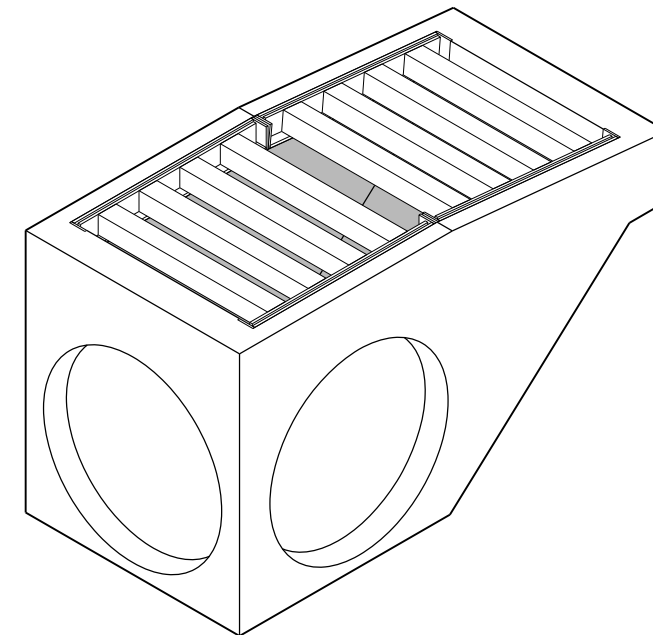
SECTION A



SECTION B



GRATE SUPPORT DETAIL  
(FOUR SUPPORTS REQUIRED)



ISOMETRIC  
(SHOWN WITH TYPE 1 GRATE)

**NOTES**

1. The top of the inlet shall be placed at ground level to present an unobstructed ditch or median section.
2. Bevel or round exposed concrete edges 1/2" (in).
3. Pipes may enter through the knockouts at any reasonable angle provided the outside of the pipe can be contained within the knockout provided.
4. The grade line of the lowest inlet pipe shall enter the structure at an elevation equal to or higher than the grade line of the outlet pipe.
5. All pickup holes shall be grouted full after the inlet has been placed.
6. The steel angles shall be set so that each bearing bar of the grate shall have full seating on both ends. The finished top of concrete shall be even with the grate surface. For grates, see **Standard Plan B-50-20**.
7. The amount, type, and grade of reinforcing steel is the responsibility of the manufacturer.
8. The inside wall taper for form removal shall not result in any wall section thinner than 6" (in) except in pipe knockout areas.
9. Precast inlets shall be marked with the manufacturer's identification on the inside of the structure in some readily accessible location.



**DROP INLET TYPE 1**  
**STANDARD PLAN B-45.20-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

STATE DESIGN ENGINEER  
Washington State Department of Transportation