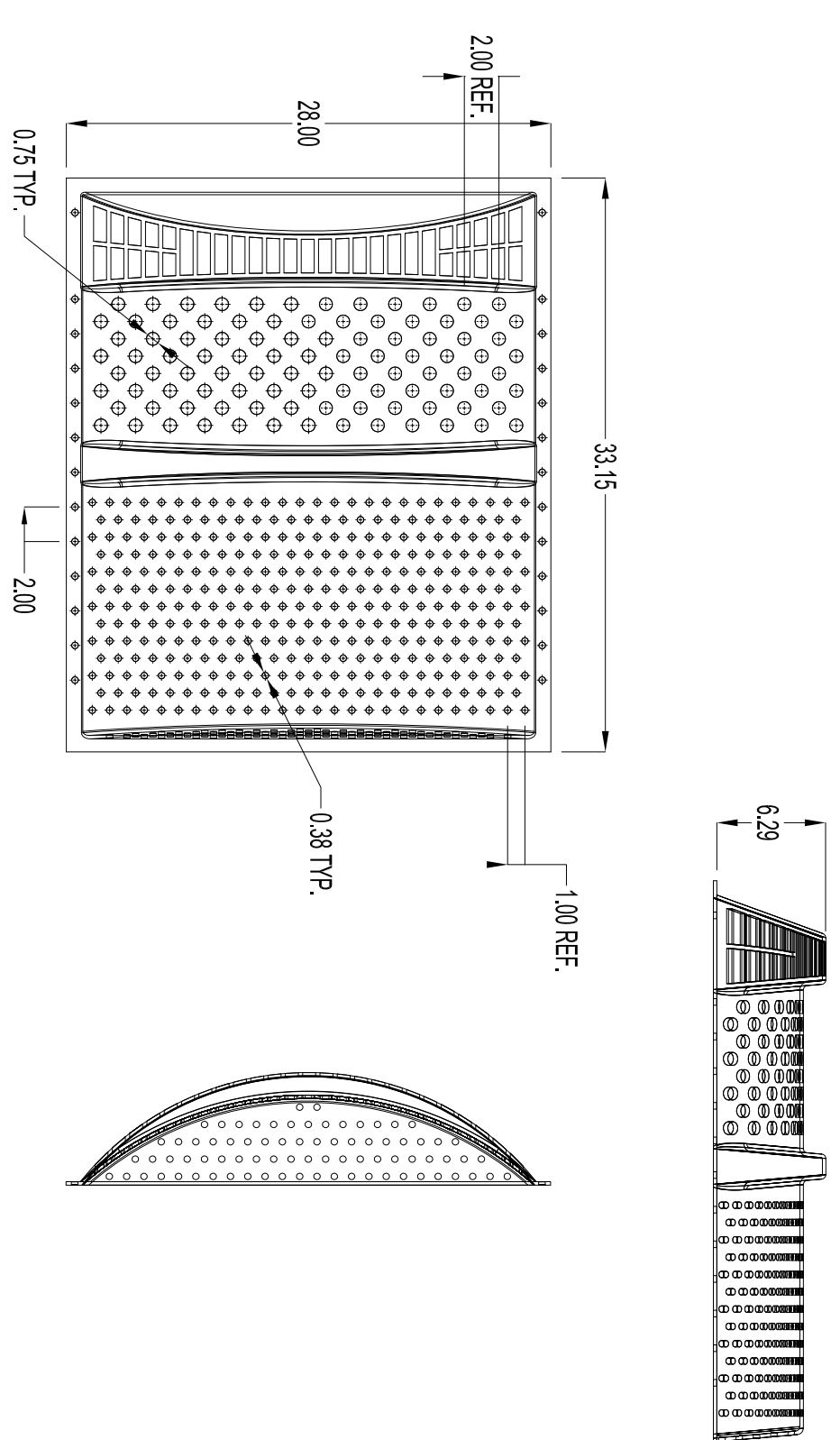
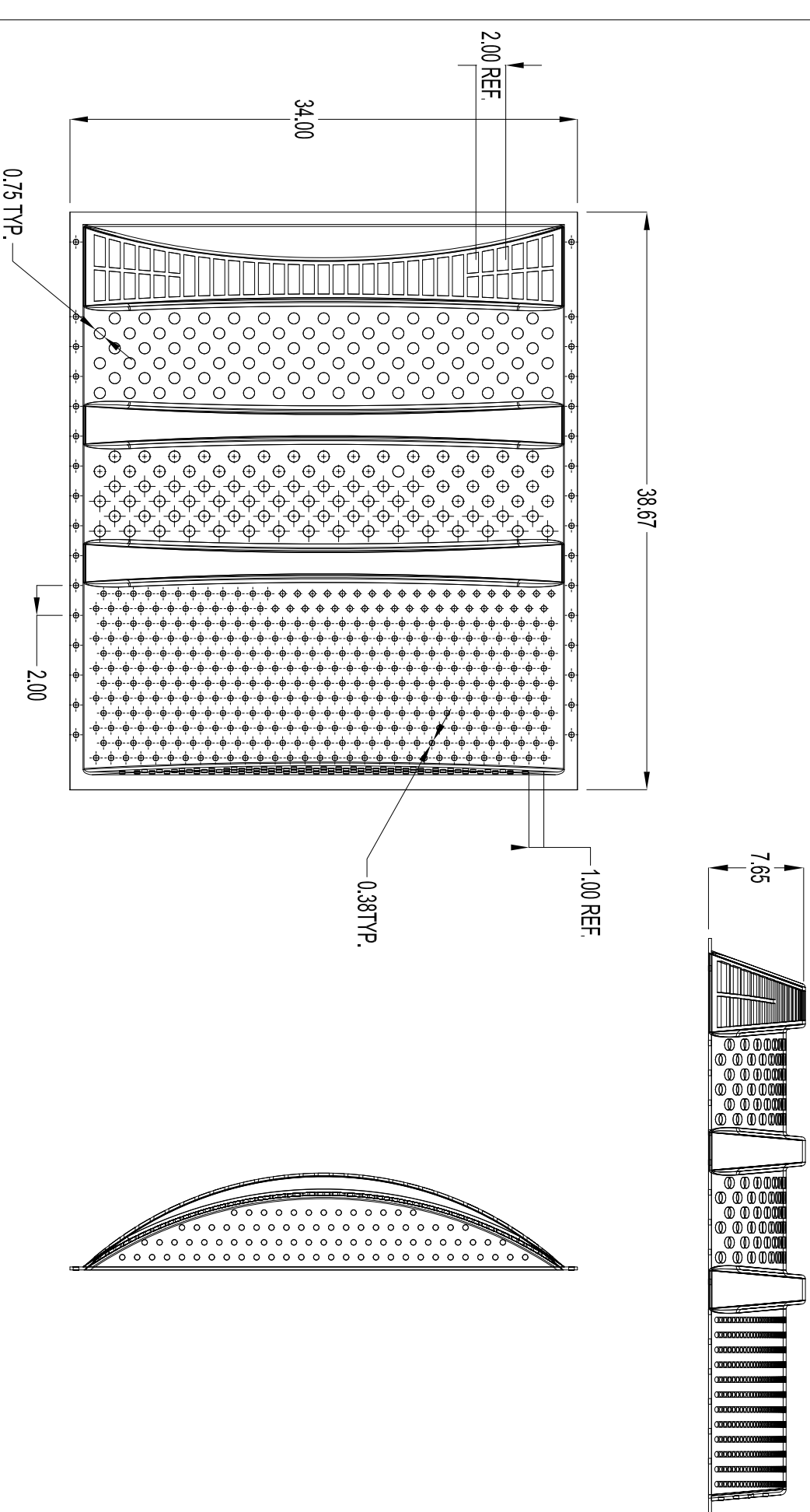


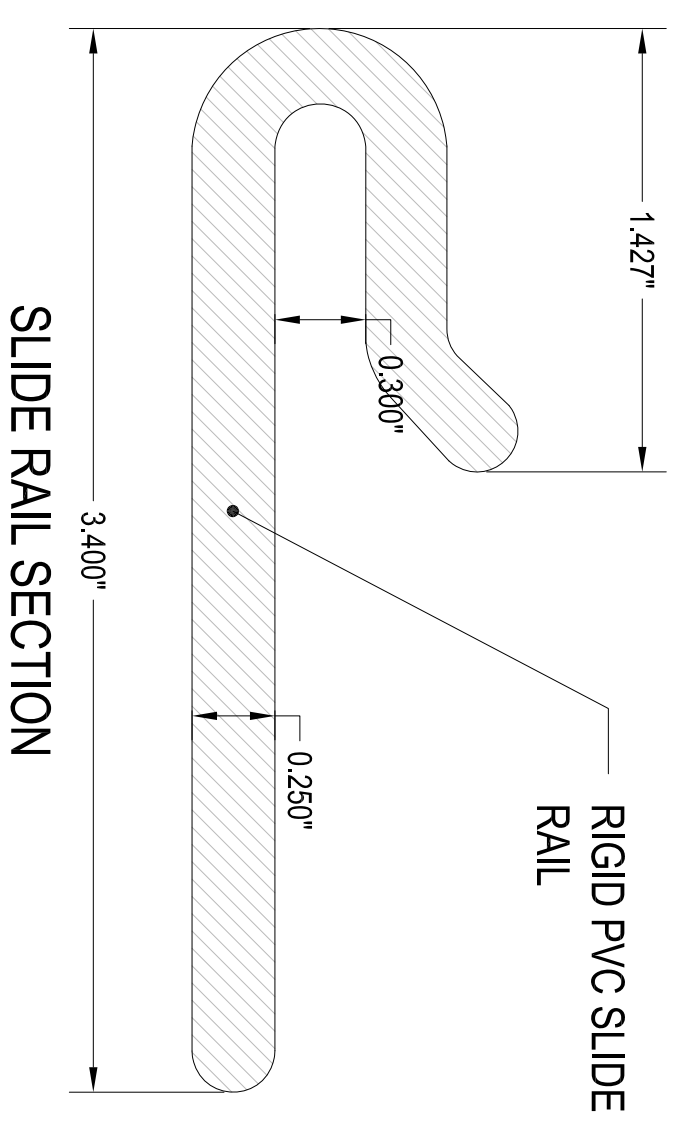
1 TRASHGUARD PLUS MODEL TGRD23X24P DETAIL



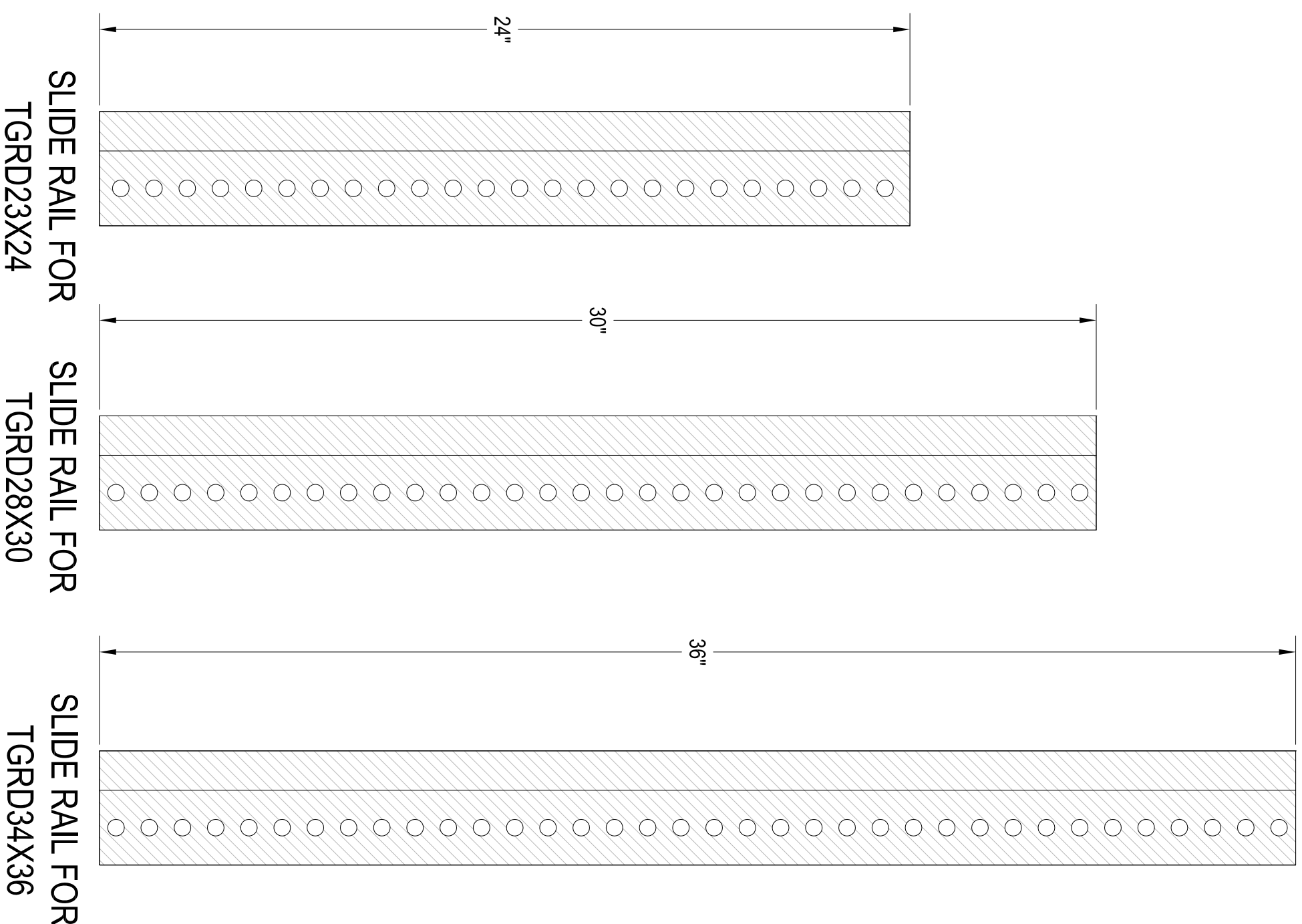
2 TRASHGUARD MODEL TGRD28X30P DETAIL



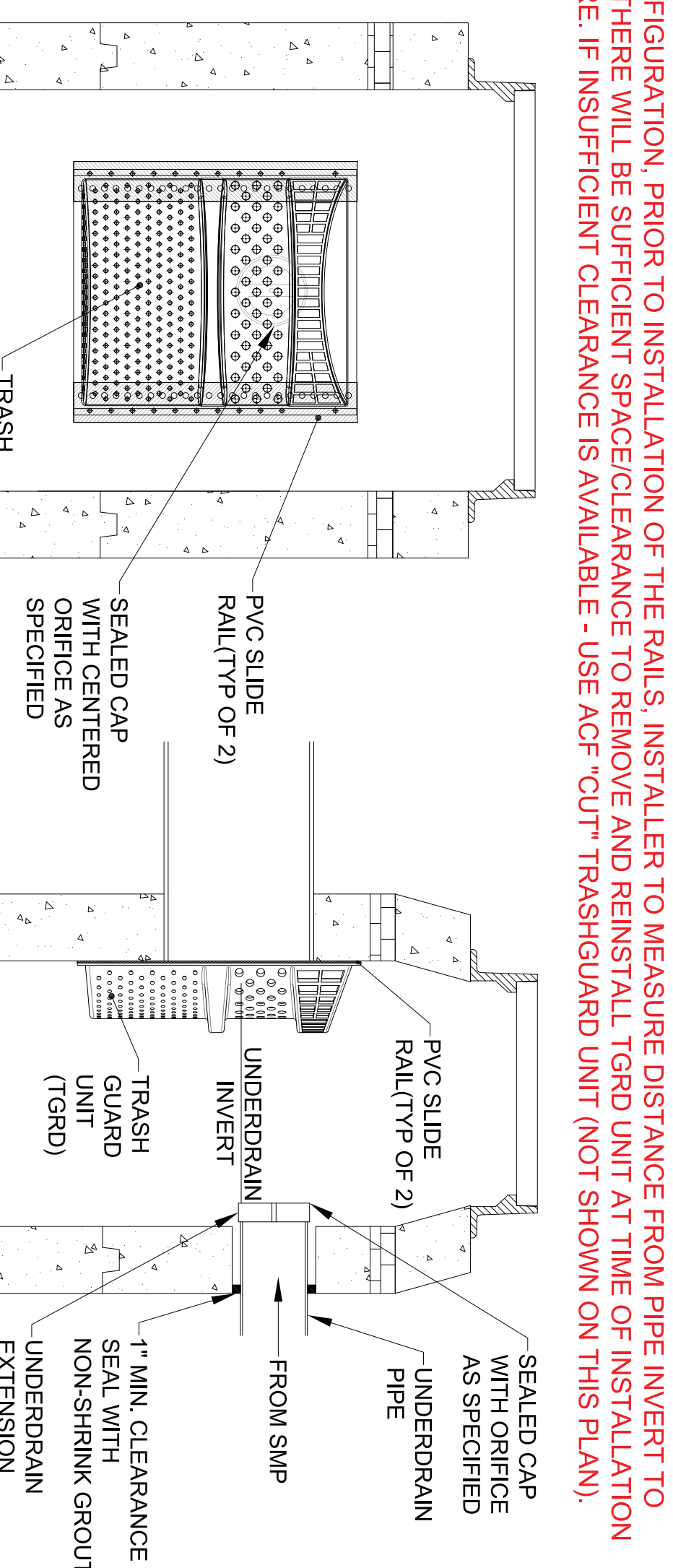
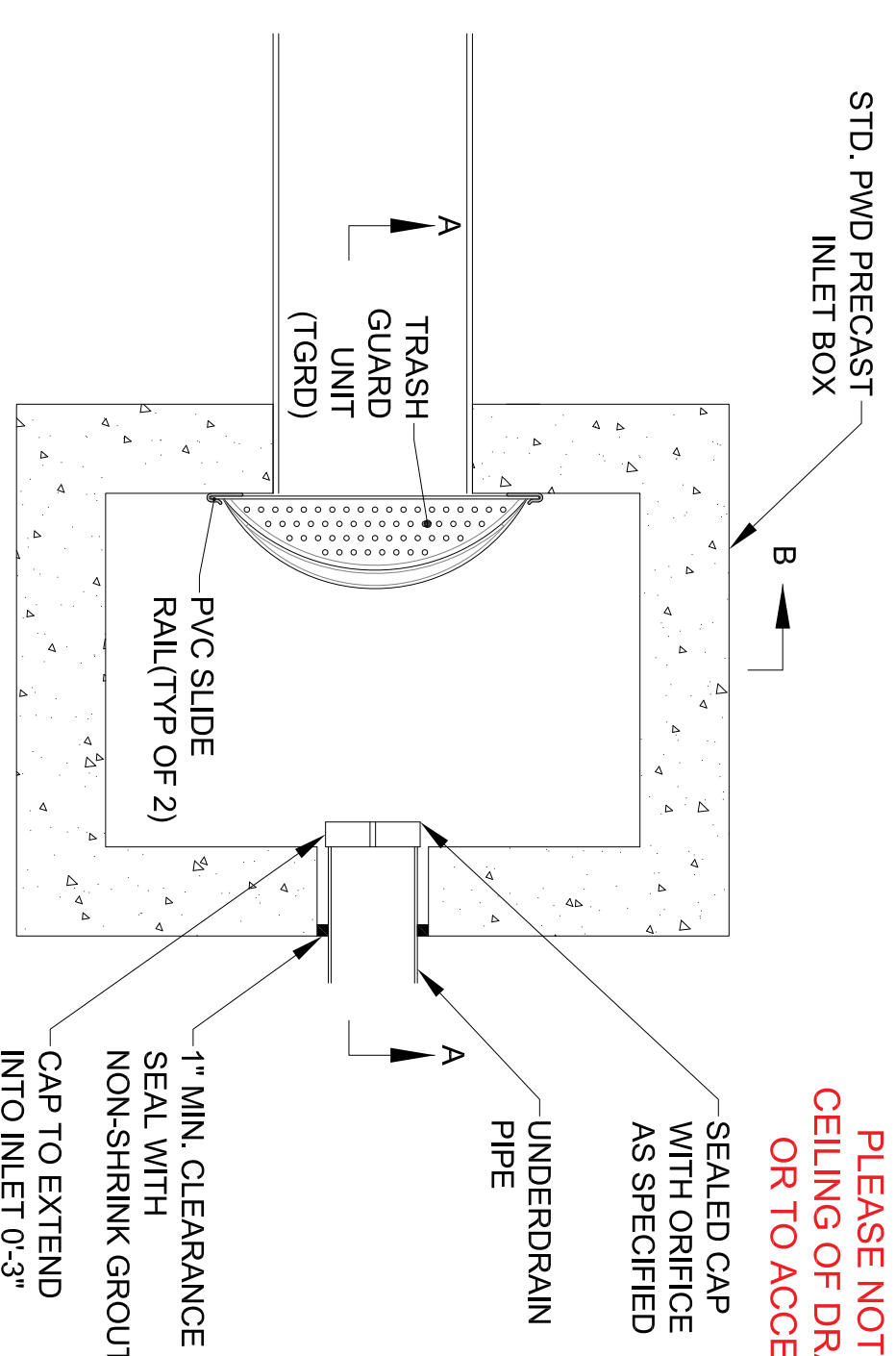
3 TRASHGUARD MODEL TGRD34X36P DETAIL



SLIDE RAIL SECTION

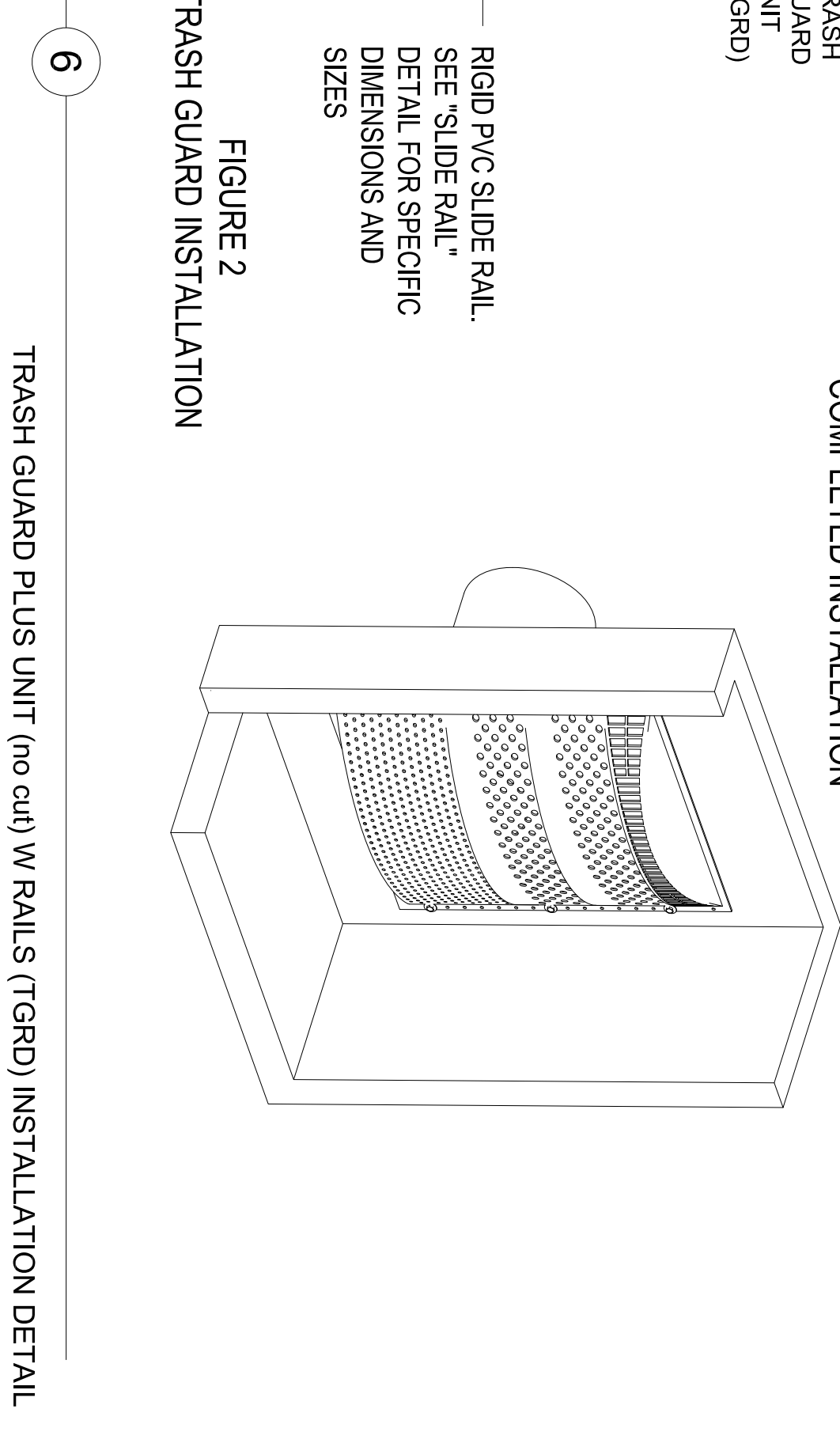
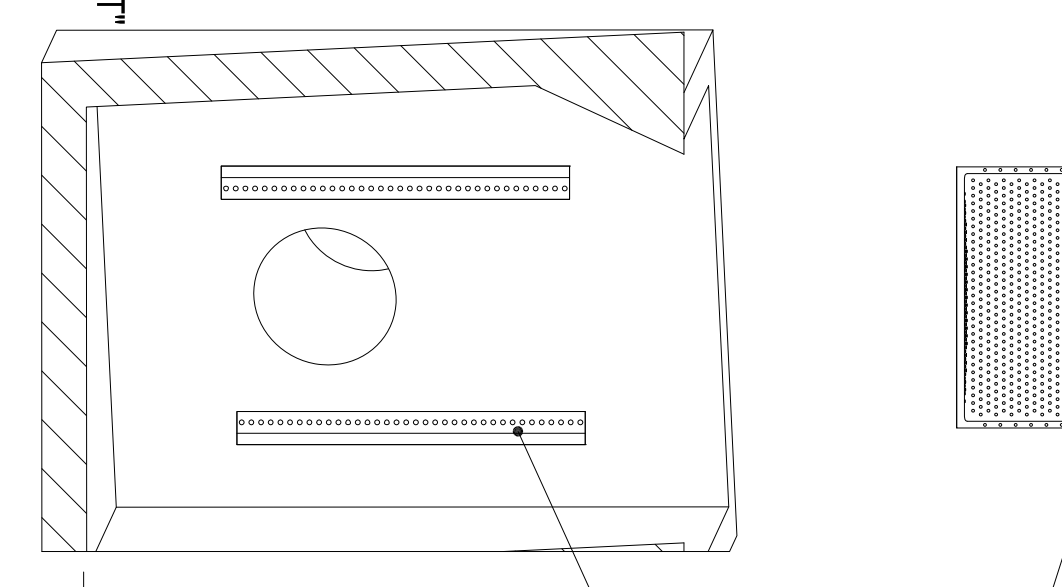
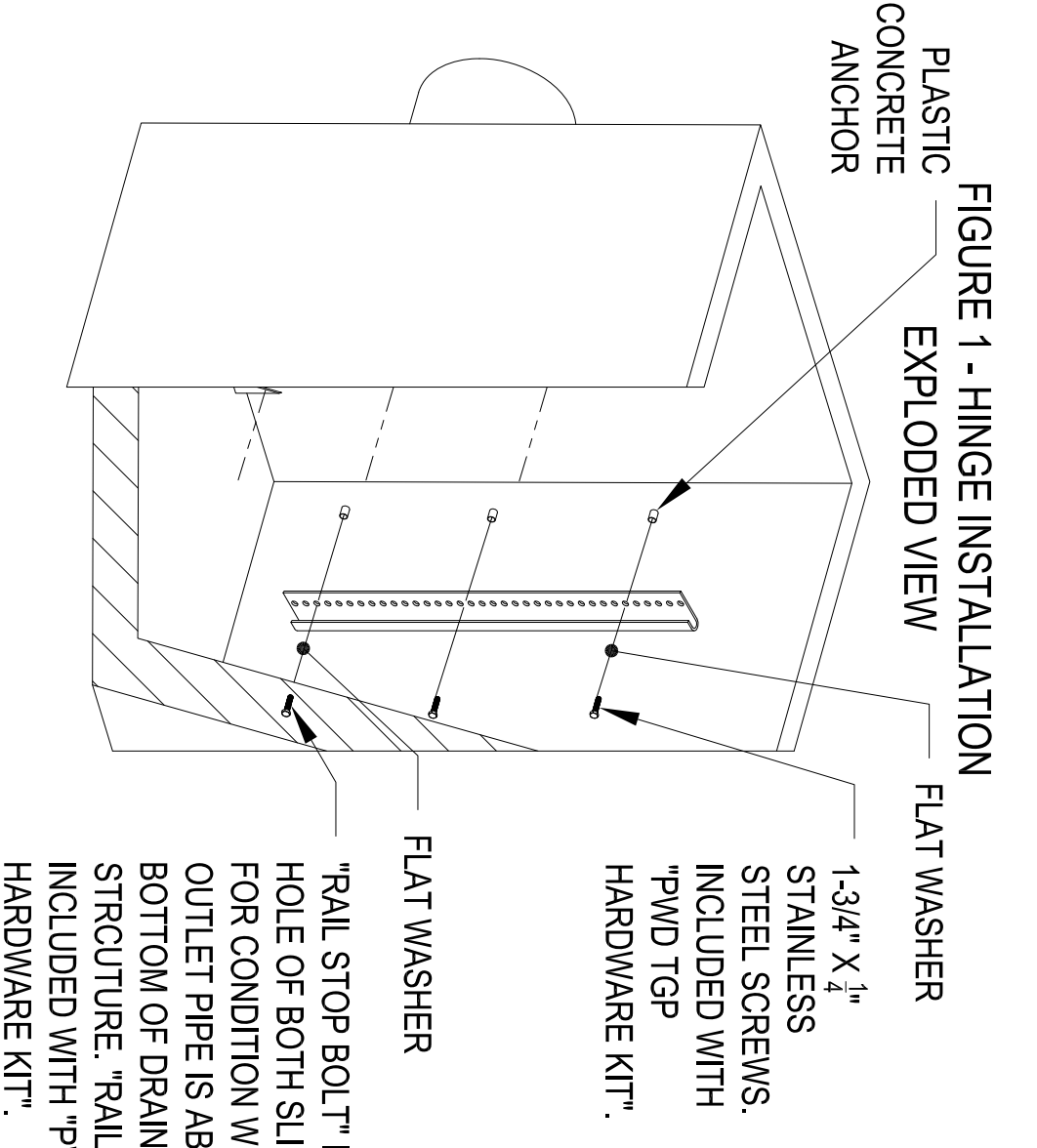


4 TRASHGUARD PLUS TGRD RAIL DETAIL



- NOTES:
1. ALL CONCRETE COMPONENTS, INLET GRATE AND FRAME, INLET TRAP, AND CONNECTION TO SEWER SHALL BE PWD STANDARD CONSTRUCTION.
 2. HIGHWAY INLET DEPICTED. DESIGN IS GENERALLY APPLICABLE TO ALL PWD STANDARD INLETS.
 3. THIS INLET HAS A SEWER CONNECTION AND AN UNDERDRAIN ONLY FROM A STORMWATER SYSTEM (SMP).
 4. TOTAL EXTENSION OF UNDERDRAIN AND CAP ASSEMBLY INTO INLET TO BE 0'-3" FROM INLET WALL TO END OF CAP.
 5. TRASH GUARD PLUS (TGRD) UNIT, PVC RAILS AND PWD TGP HARDWARE KIT TO BE PROVIDED BY ACF ENVIRONMENTAL. SEE TRASH GUARD PLUS RAIL AND INSTALLATION DETAIL FOR GUIDANCE ON INSTALLING UNIT.
 6. TRASH GUARD PLUS (TGRD) UNIT, PVC RAILS AND PWD TGP HARDWARE KIT TO BE PROVIDED BY ACF ENVIRONMENTAL. SEE TRASHGUARD UNIT DETAILS FOR SYSTEM DIMENSIONS AND AVAILABLE SIZES.
 7. "RAIL STOP BOLT" ONLY NEEDED WHERE OUTLET PIPE IS ABOVE BOTTOM OF DRAIN STRUCTURE.
 8. "RAIL STOP BOLT" ONLY NEEDED WHERE OUTLET PIPE IS ABOVE BOTTOM OF DRAIN STRUCTURE.
 9. NO "SUMP" NEEDED FOR TRASHGUARD PLUS TO FUNCTION PROPERLY.

- PLEASE NOTE: WITH THIS CONFIGURATION, PRIOR TO INSTALLATION OF THE RAILS, INSTALLER TO MEASURE DISTANCE FROM PIPE INVERT TO CEILING OF DRAIN TO CONFIRM THERE WILL BE SUFFICIENT SPACE/CLEARANCE TO REMOVE AND REINSTALL TGRD UNIT AT TIME OF INSTALLATION OR TO ACCESS PIPE IN FUTURE. IF INSUFFICIENT CLEARANCE IS AVAILABLE - USE ACF "CUT" TRASHGUARD UNIT (NOT SHOWN ON THIS PLAN).
- FIGURE 3 COMPLETED INSTALLATION



TRASHGUARD PLUS w RAIL DETAILS

PHILADELPHIA WATER DEPARTMENT STANDARD DETAILS
PHILADELPHIA, PA



DATE	REVISION
08.22.16	ISSUED TO P.W.D. FOR REVIEW
10.11.16	UPDATED

TG-1
DATE: JUNE 15, 2016
SHEET NO.