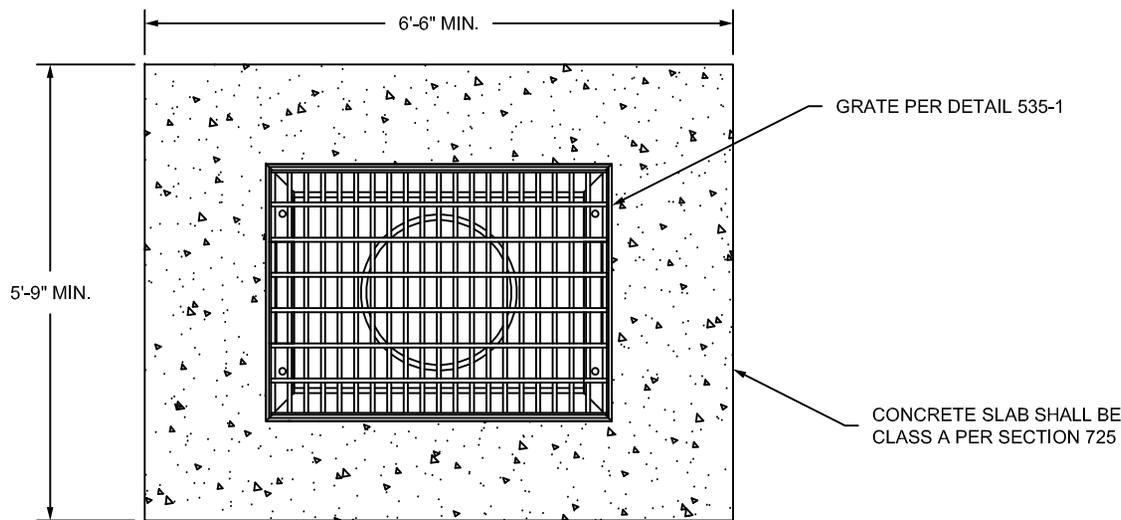


PLAN VIEW



NOTES:

1. STUB OUT MATERIALS SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE PIPE, PVC SDR-35, PVC SCH 40, PVC C-900, DIP. STUB OUT SHALL BE TWO FEET LONG FOR CONNECTION TO CMP AND RGRCP PIPE WITH A CONCRETE COLLAR PLACED PER MAG DETAIL 505 WITH A MAG 738.2.4 WATER STOP. UNLESS OTHERWISE INDICATED ON THE PLANS.

2. BACKFILL MATERIAL UNDER CONCRETE SLAB SHALL BE CRUSHED ROCK PER SECTION 701.2.1 PLACED UNIFORMLY IN MAXIMUM 8" LIFTS & COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY PER SECTION 601.4.10 OR 1/2 SACK CLSM PER SECTION 728.

3. FILL SUMP WITH CONCRETE TO INVERT. CONCRETE SHALL BE A MINIMUM OF CLASS C PER SECTION 725.

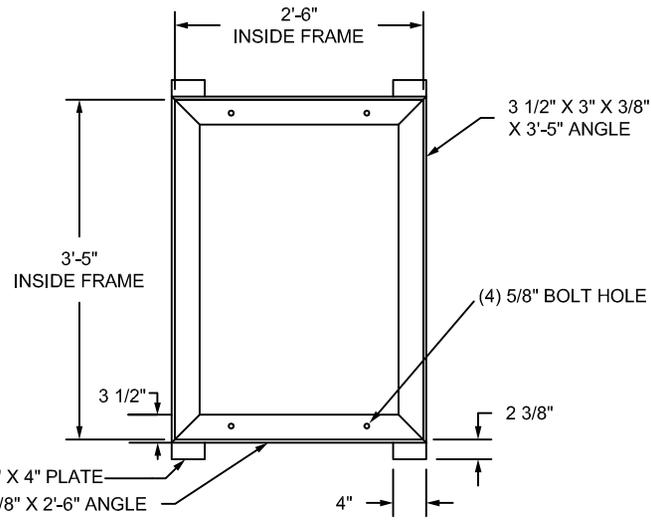
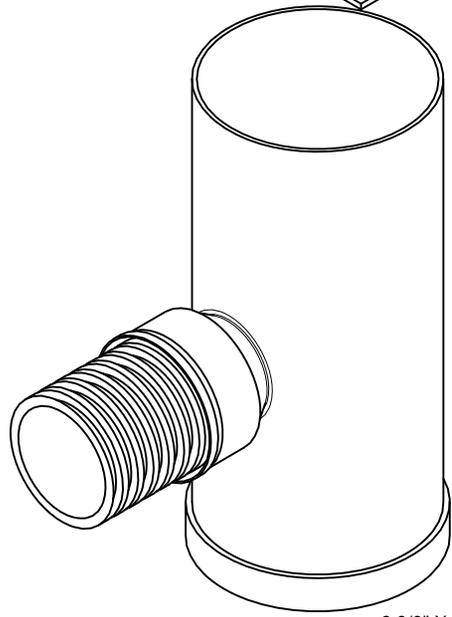
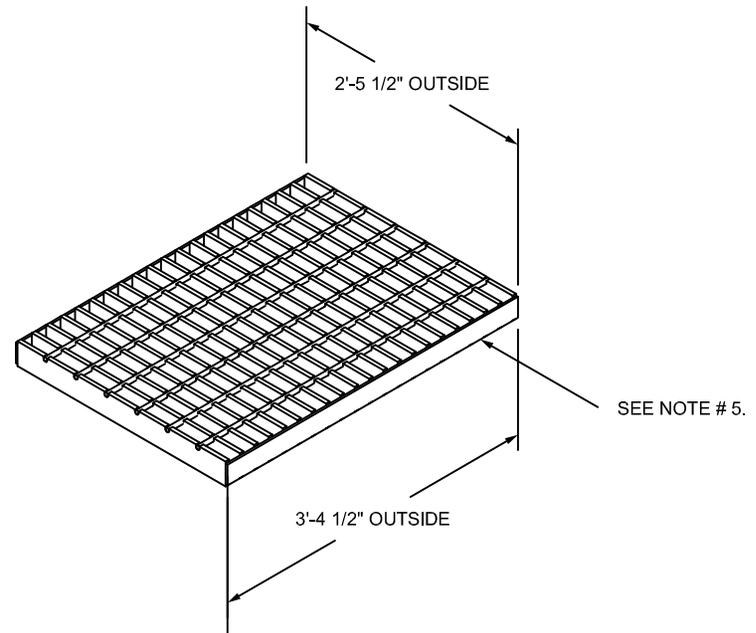
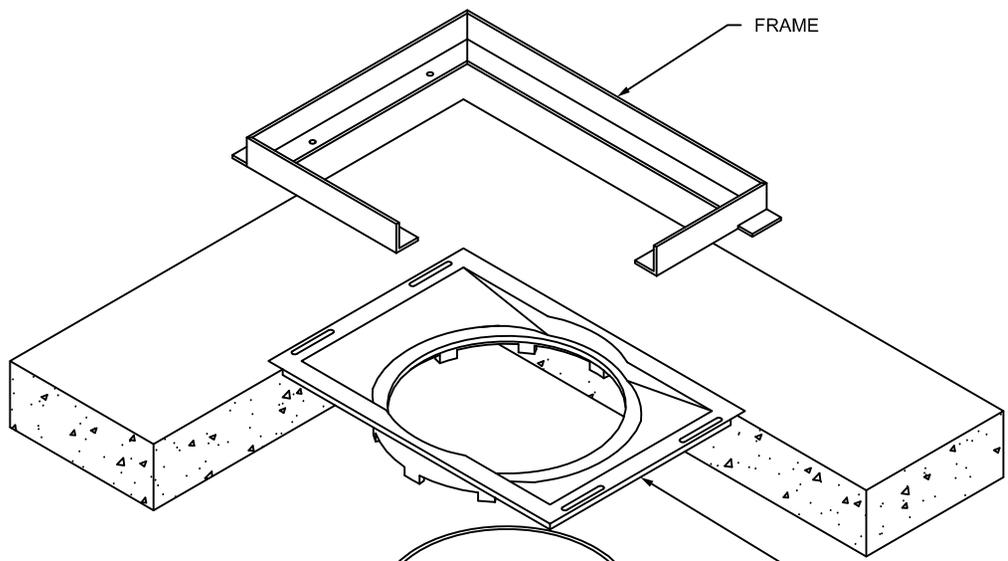
4. FASTEN FRAME & BASE PLATE WITH (4) 1/2" X 3 1/2" ZINC PLATED BOLTS WITH (4) 1/2" ZINC PLATED NUTS.

DETAIL NO.
535-2

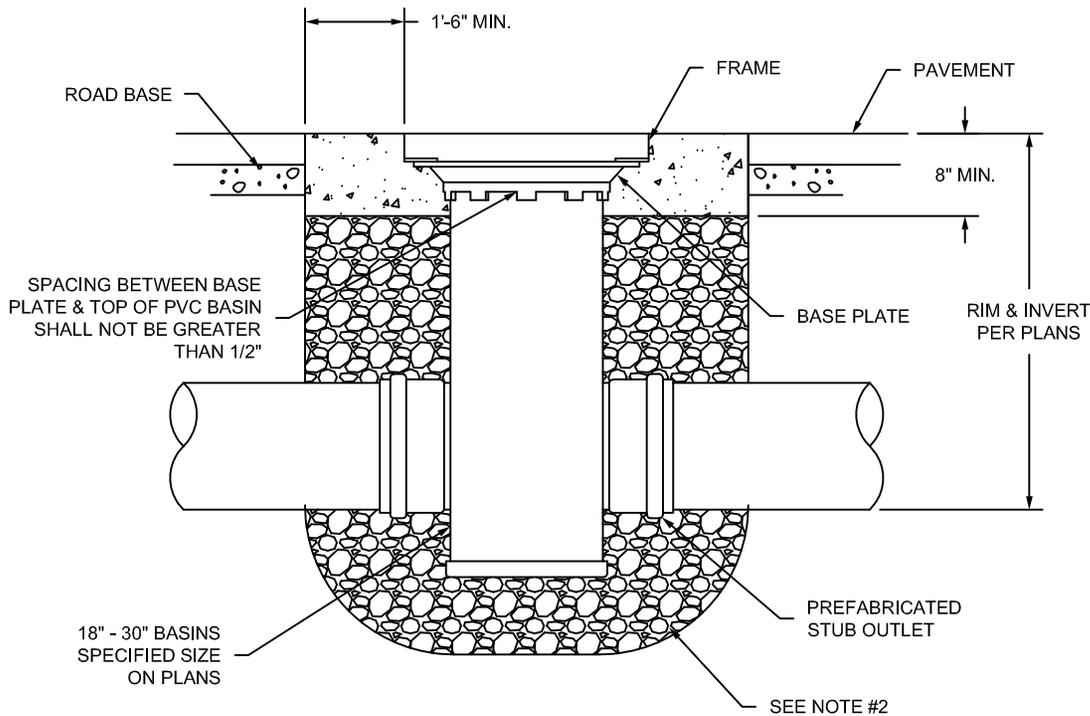
CATCH BASIN 'J'

REVISED

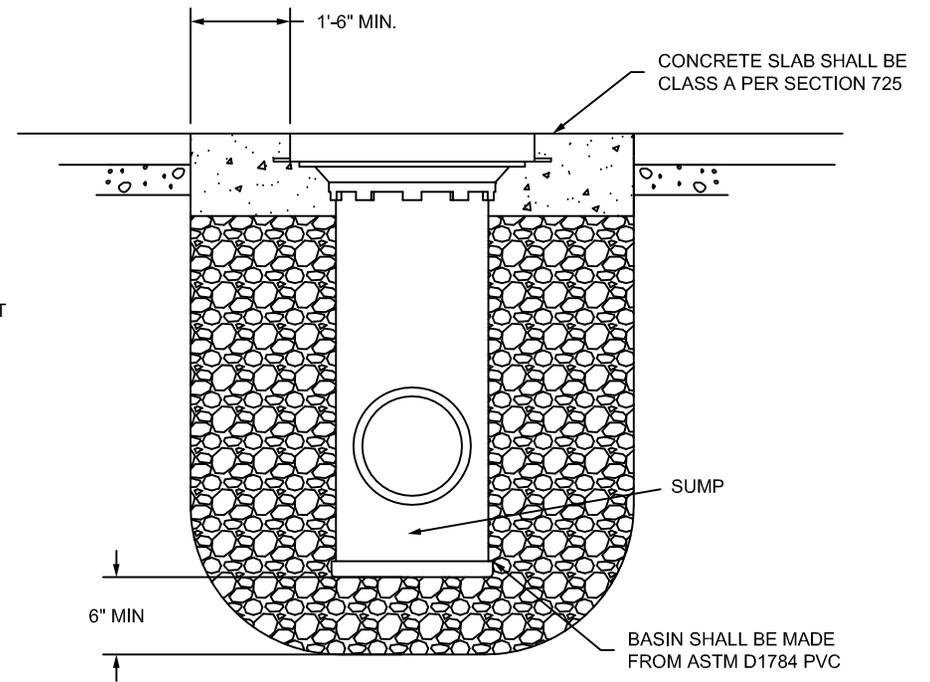
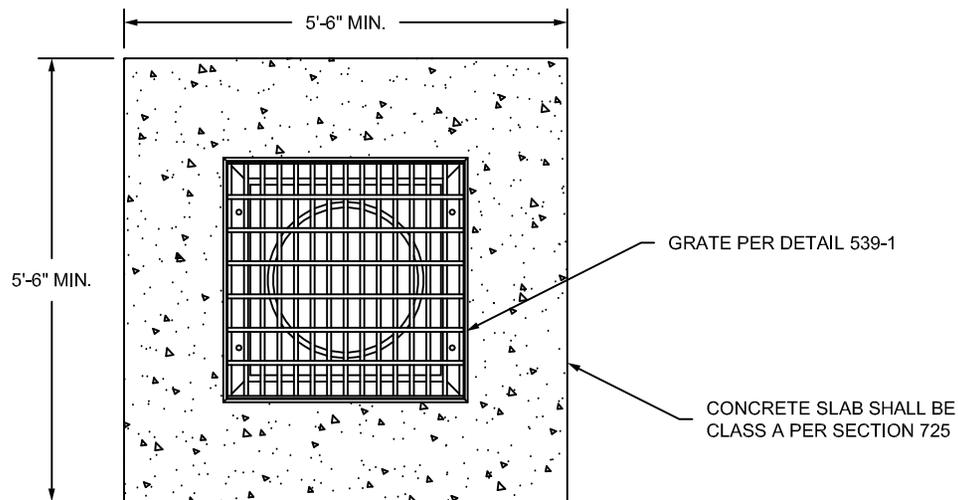
DETAIL NO.
535-2



- NOTES:**
1. GRATE SHALL MEET H-20 LOAD RATING.
 2. QUALITY: FRAME & GRATE MATERIALS SHALL CONFORM TO ASTM A-36 STEEL.
 3. BASE PLATE MATERIALS SHALL CONFORM TO ASTM A53 GRADE 70-50-05 DUCTILE IRON.
 4. ALL STRUCTURAL STEEL TO BE PAINTED ONE SHOP COAT OF NO. 1 PAINT AND TWO FIELD COATS OF NO. 10 PAINT AS PER SECT. 790.
 5. GRATE PER DETAIL 535-1.
 6. APPROX. DRAIN AREA = 761.18 SQ IN.
 7. TOP OF BASE PLATE TO TOP OF DRAIN BASIN: 18" & 24" BASE = 2 13/16", 30" BASE = 7/16".

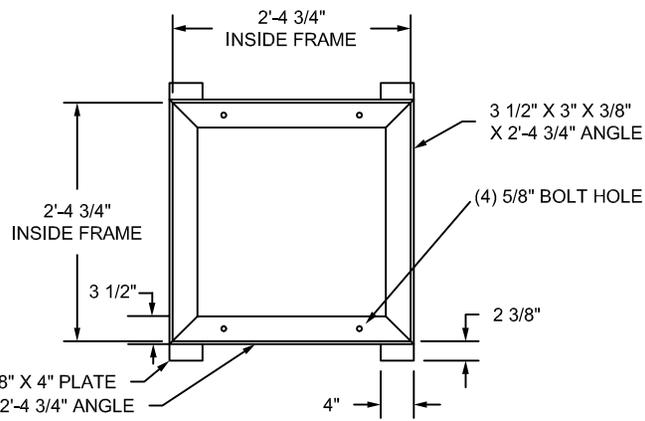
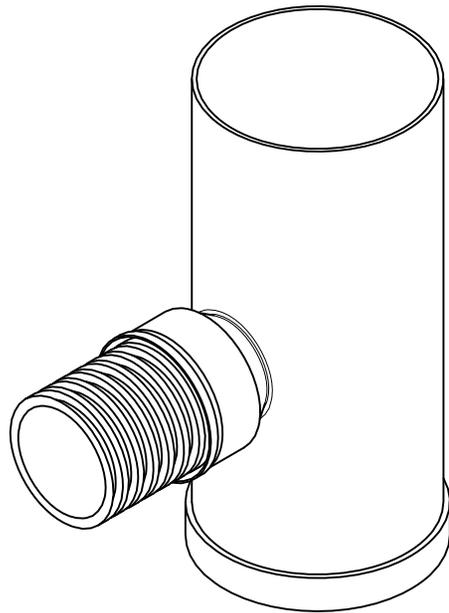
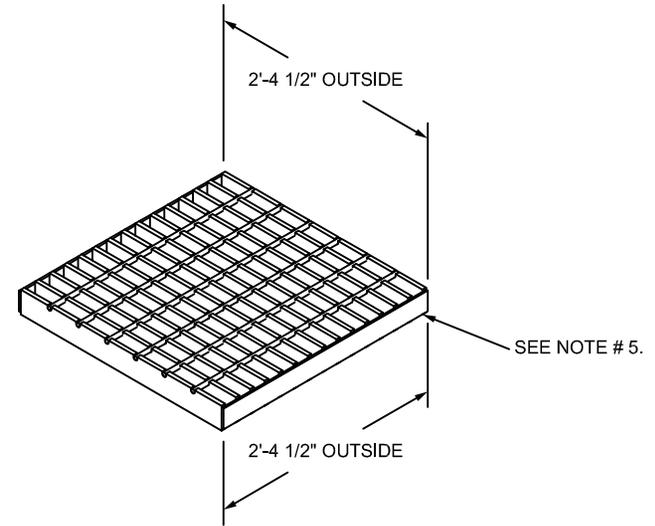
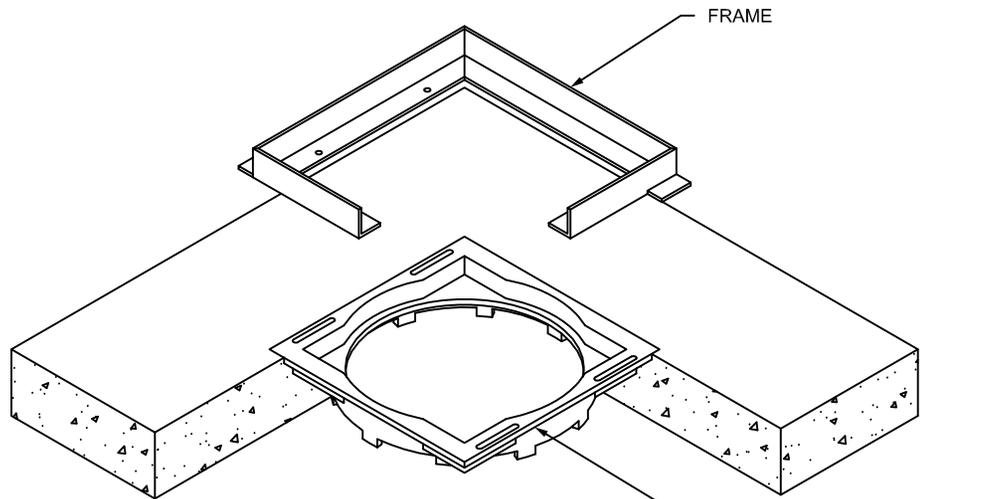


PLAN VIEW



NOTES:

1. STUB OUT MATERIALS SHALL BE CORRUGATED HIGH DENSITY POLYETHYLENE PIPE, PVC SDR-35, PVC SCH 40, PVC C-900, DIP. STUB OUT SHALL BE TWO FEET LONG FOR CONNECTION TO CMP AND RGRCP PIPE WITH A CONCRETE COLLAR PLACED PER MAG DETAIL 505 WITH A MAG 738.2.4 WATER STOP. UNLESS OTHERWISE INDICATED ON THE PLANS.
2. BACKFILL MATERIAL UNDER CONCRETE SLAB SHALL BE CRUSHED ROCK PER SECTION 701.2.1 PLACED UNIFORMLY IN MAXIMUM 8" LIFTS & COMPACTED TO A MINIMUM OF 95% STANDARD PROCTOR DENSITY PER SECTION 601.4.10 OR 1/2 SACK CLSM PER SECTION 728.
3. FILL SUMP WITH CONCRETE TO INVERT. CONCRETE SHALL BE A MINIMUM OF CLASS C PER SECTION 725.
4. FASTEN FRAME & BASE PLATE WITH (4) 1/2" X 3 1/2" ZINC PLATED BOLTS WITH (4) 1/2" ZINC PLATED NUTS.



NOTES:

1. GRATE SHALL MEET H-20 LOAD RATING.
2. QUALITY: FRAME & GRATE MATERIALS SHALL CONFORM TO ASTM A-36 STEEL.
3. BASE PLATE MATERIALS SHALL CONFORM TO ASTM A53 GRADE 70-50-05 DUCTILE IRON.
4. ALL STRUCTURAL STEEL TO BE PAINTED ONE SHOP COAT OF NO. 1 PAINT AND TWO FIELD COATS OF NO. 10 PAINT AS PER SECT. 790.
5. GRATE PER DETAIL 539-1 (SINGLE GRATE).
6. APPROX. DRAIN AREA = 551.25 SQ IN.
7. TOP OF BASE PLATE TO TOP OF DRAIN BASIN: 18" & 24" BASE = 2 13/16", 30" BASE = 7/16".

Include the following paragraph as new Section 601.4.10

601.4.10 Backfill for PVC Catch Basins: Backfill below and around PVC catch basins shall be placed in maximum 8-inch lifts and thoroughly compacted to at least 95% of maximum density when tested and determined by AASHTO T-99, Method A, with the percent of density adjusted in accordance with the rock correction procedure for maximum density determination, MAG Detail 190, to compensate for the rock content larger than that which will pass a No. 4 sieve.