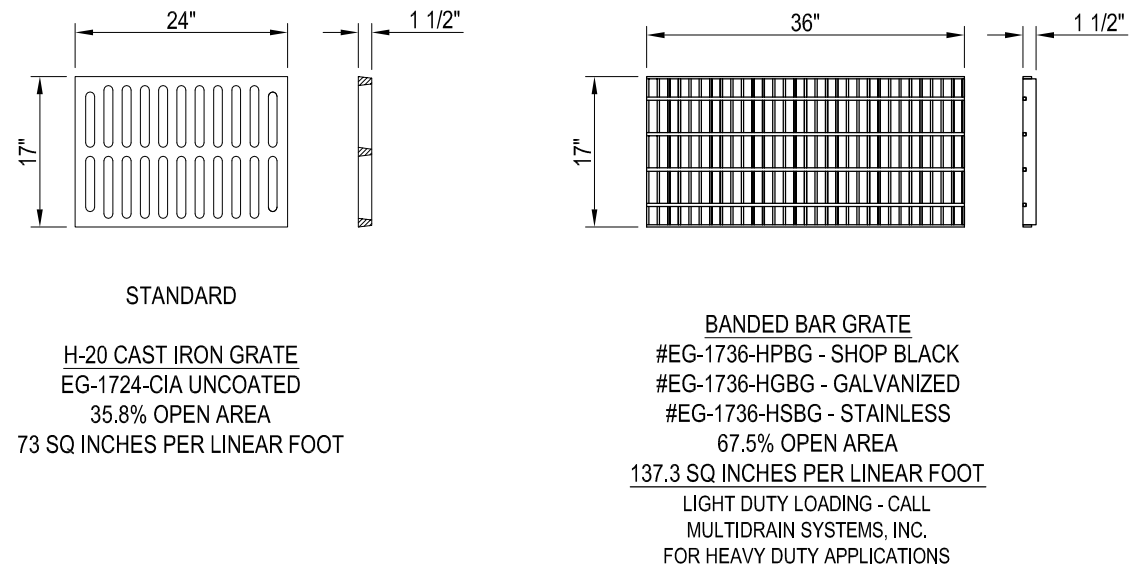
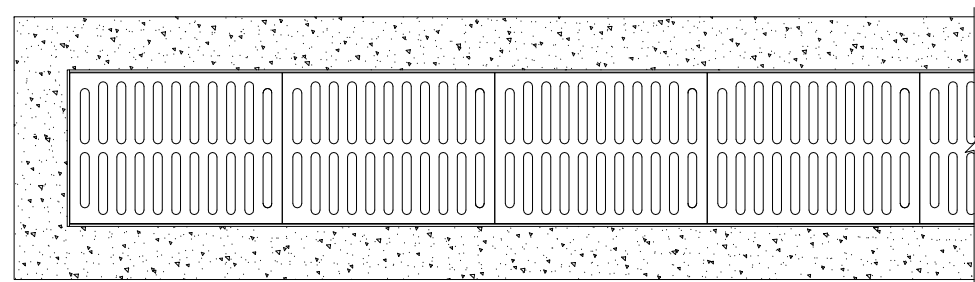


EconoDrain® Series #15  
STANDARD EPS FORMS



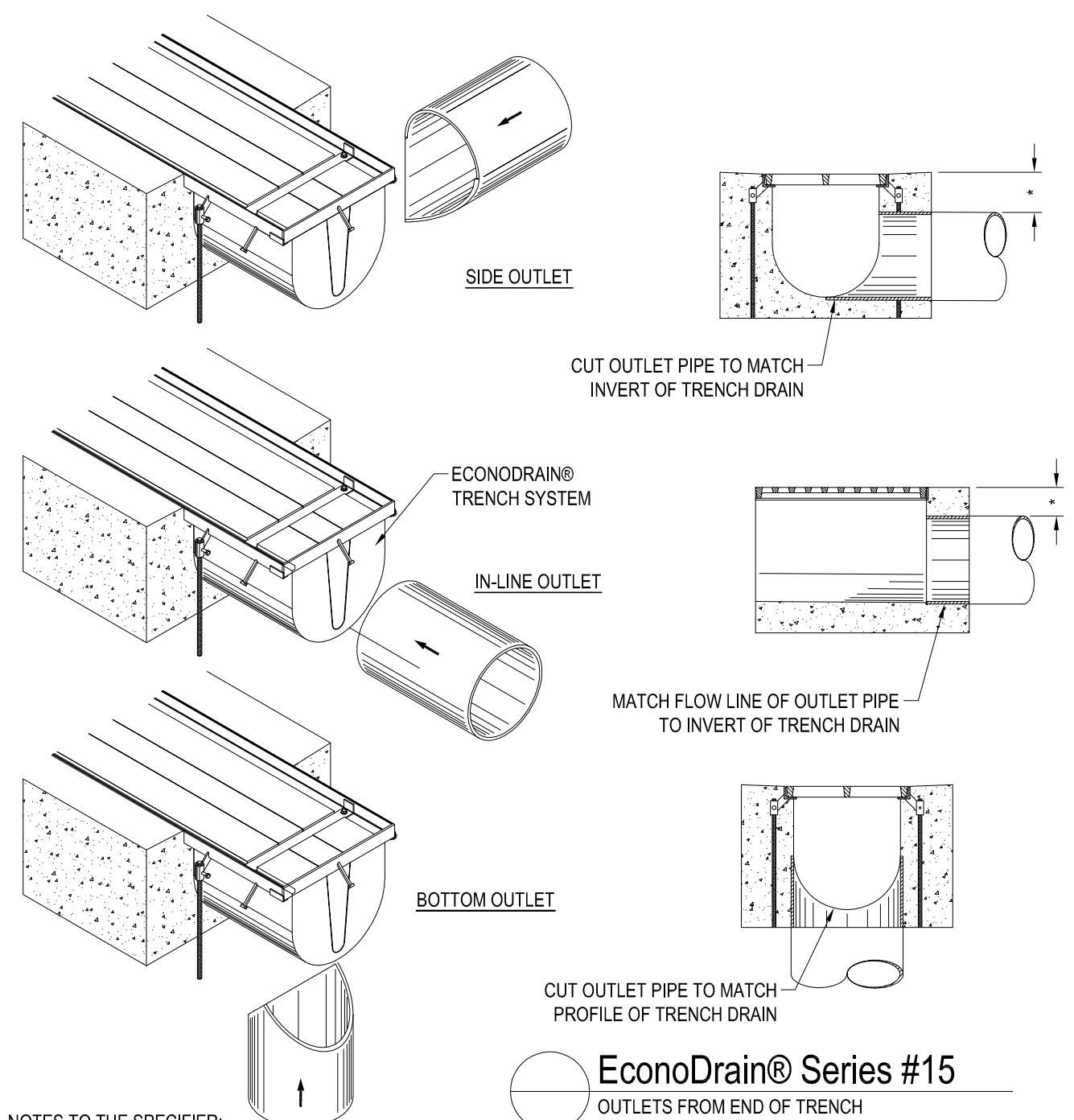
EconoDrain® Series #15  
GRATE SELECTION



EconoDrain® Series #15  
FINISHED PLAN VIEW  
DO NOT SCALE

| EPS FORM | DEPTH   |         | FLOW GPM |
|----------|---------|---------|----------|
|          | MIN     | MAX     |          |
| 18       | 12"     | 12 1/2" | 1914     |
| 19       | 12 1/2" | 13"     | 2042     |
| 20       | 13"     | 13 1/2" | 2171     |
| 21       | 13 1/2" | 14"     | 2301     |
| 22       | 14"     | 14 1/2" | 2432     |
| 23       | 14 1/2" | 15"     | 2563     |
| 24       | 15"     | 15 1/2" | 2695     |
| 25       | 15 1/2" | 16"     | 2828     |
| 26       | 16"     | 16 1/2" | 2961     |
| 27       | 16 1/2" | 17"     | 3094     |
| 28       | 17"     | 17 1/2" | 3227     |
| 29       | 17 1/2" | 18"     | 3361     |
| 30       | 18"     | 18 1/2" | 3496     |
| 31       | 18 1/2" | 19"     | 3631     |
| 32       | 19"     | 19 1/2" | 3766     |
| 33       | 19 1/2" | 20"     | 3901     |
| 34       | 20"     | 20 1/2" | 4036     |
| 35       | 20 1/2" | 21"     | 4172     |
| 36       | 21"     | 21 1/2" | 4308     |
| 37       | 21 1/2" | 22"     | 4444     |
| 38       | 22"     | 22 1/2" | 4580     |
| 39       | 22 1/2" | 23"     | 4717     |
| 40       | 23"     | 23 1/2" | 4854     |
| 41       | 23 1/2" | 24"     | 4991     |
| 42       | 24"     | 24 1/2" | 5128     |
| 43       | 24 1/2" | 25"     | 5265     |
| 44       | 25"     | 25 1/2" | 5402     |
| 45       | 25 1/2" | 26"     | 5540     |
| 46       | 26"     | 26 1/2" | 5677     |
| 47       | 26 1/2" | 27"     | 5815     |
| 48       | 27"     | 27 1/2" | 5953     |
| 49       | 27 1/2" | 28"     | 6091     |
| 50       | 28"     | 28 1/2" | 6229     |

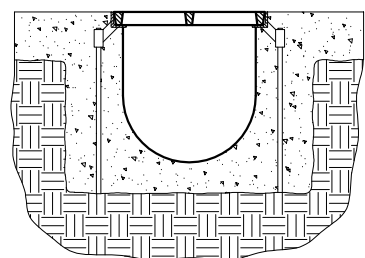
EPS FORM CHART



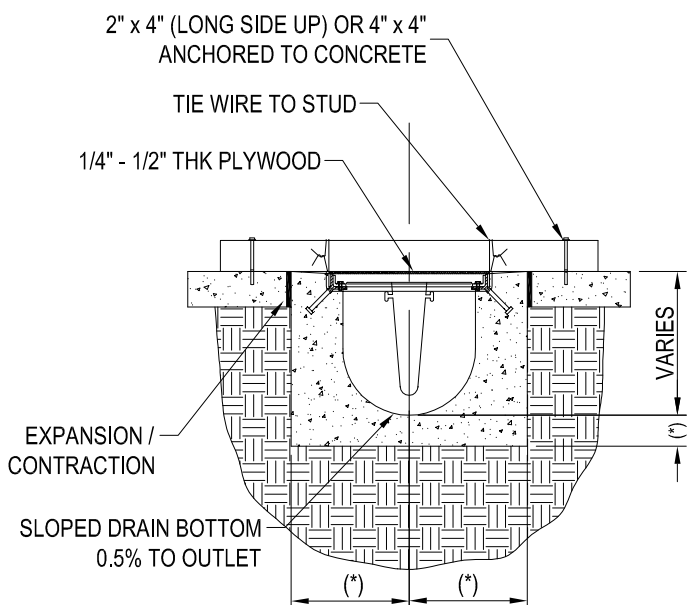
EconoDrain® Series #15  
OUTLETS FROM END OF TRENCH

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
  2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
  3. 4" MINIMUM CONCRETE COVERAGE OF OUTLET PIPE IS RECOMMENDED (LABELED WITH "I").
  4. FINAL CONCRETE THICKNESS PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.

- CONSTRUCTION NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
  2. SECURE OUTLET PIPE PRIOR TO CONCRETING OPERATIONS.
  3. DO NOT SCALE DRAWINGS.

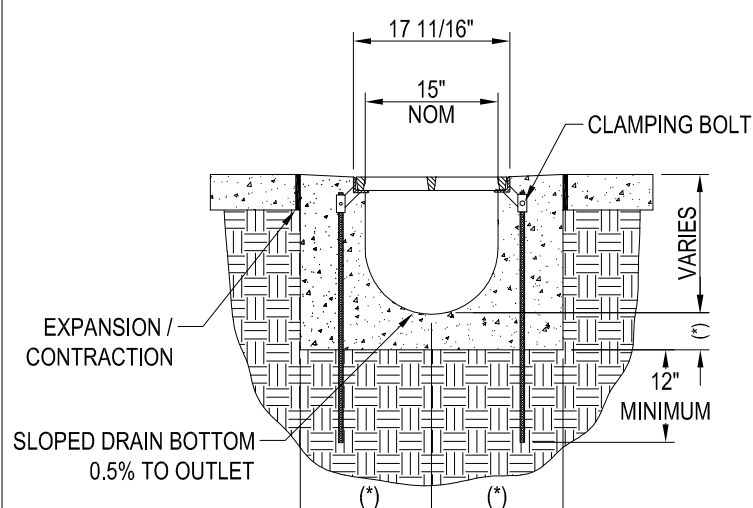


EconoDrain® Series #15  
GRATE PLACEMENT ILLUSTRATION  
No Locking Device Required



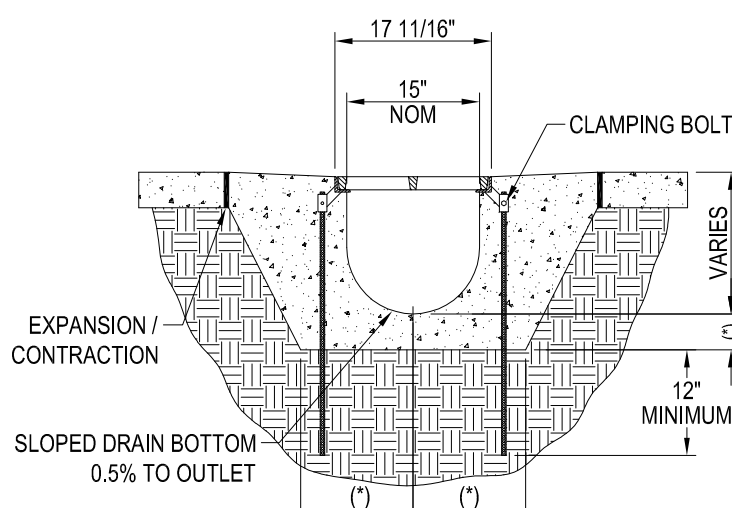
EconoDrain® Series #15  
SUSPENDING FORMERS FROM EXISTING SLAB

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
  2. SPECIFY REQUIRED DIMENSIONS (LABELED WITH "I") USING 6" EACH SIDE OF STEEL FRAME AND BELOW EPS FORM AS A RECOMMENDED MINIMUM.
  3. SHOW TOP OF GRATE ELEVATION IN PLAN VIEW.
  4. EXPANSION / CONTRACTION JOINT PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.
  5. STANDARD CHANNEL LENGTH IS 8'-0" (96").
  6. STANDARD CHANNEL SLOPE IS 0.5%.



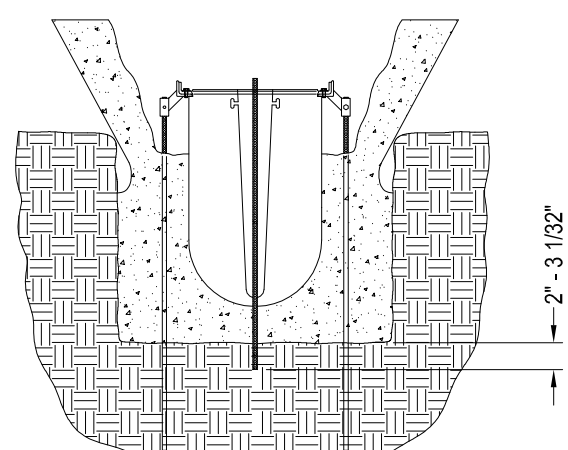
EconoDrain® Series #15  
SAWCUT EXISTING SLAB INSTALLATION DETAIL

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
  2. SPECIFY REQUIRED DIMENSIONS (LABELED WITH "I") USING 6" EACH SIDE OF STEEL FRAME AND BELOW EPS FORM AS A RECOMMENDED MINIMUM.
  3. SHOW TOP OF GRATE ELEVATION IN PLAN VIEW.
  4. EXPANSION / CONTRACTION JOINT PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.
  5. STANDARD CHANNEL LENGTH IS 8'-0" (96").
  6. STANDARD CHANNEL SLOPE IS 0.5%.



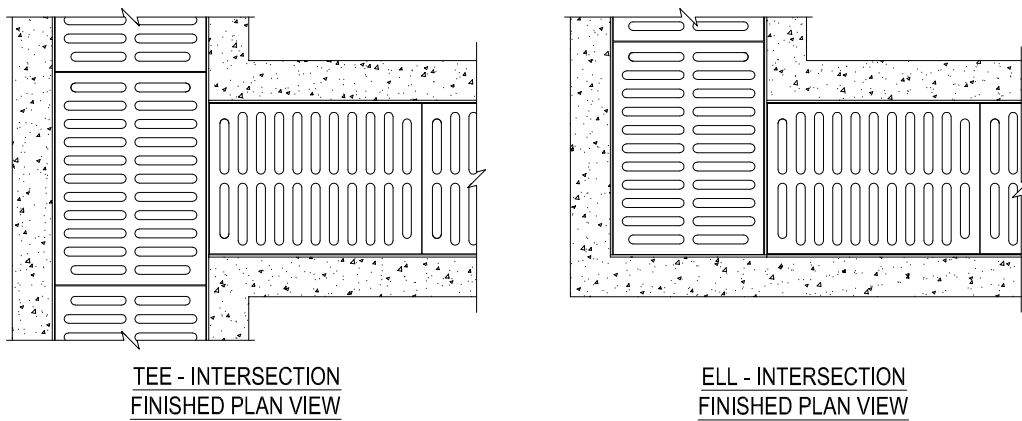
EconoDrain® Series #15  
MONOLITHIC POUR INSTALLATION DETAIL

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
  2. SPECIFY REQUIRED DIMENSIONS (LABELED WITH "I") USING 6" EACH SIDE OF STEEL FRAME AND BELOW EPS FORM AS A RECOMMENDED MINIMUM.
  3. SHOW TOP OF GRATE ELEVATION IN PLAN VIEW.
  4. EXPANSION / CONTRACTION JOINT PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.
  5. STANDARD CHANNEL LENGTH IS 8'-0" (96").
  6. STANDARD CHANNEL SLOPE IS 0.5%.



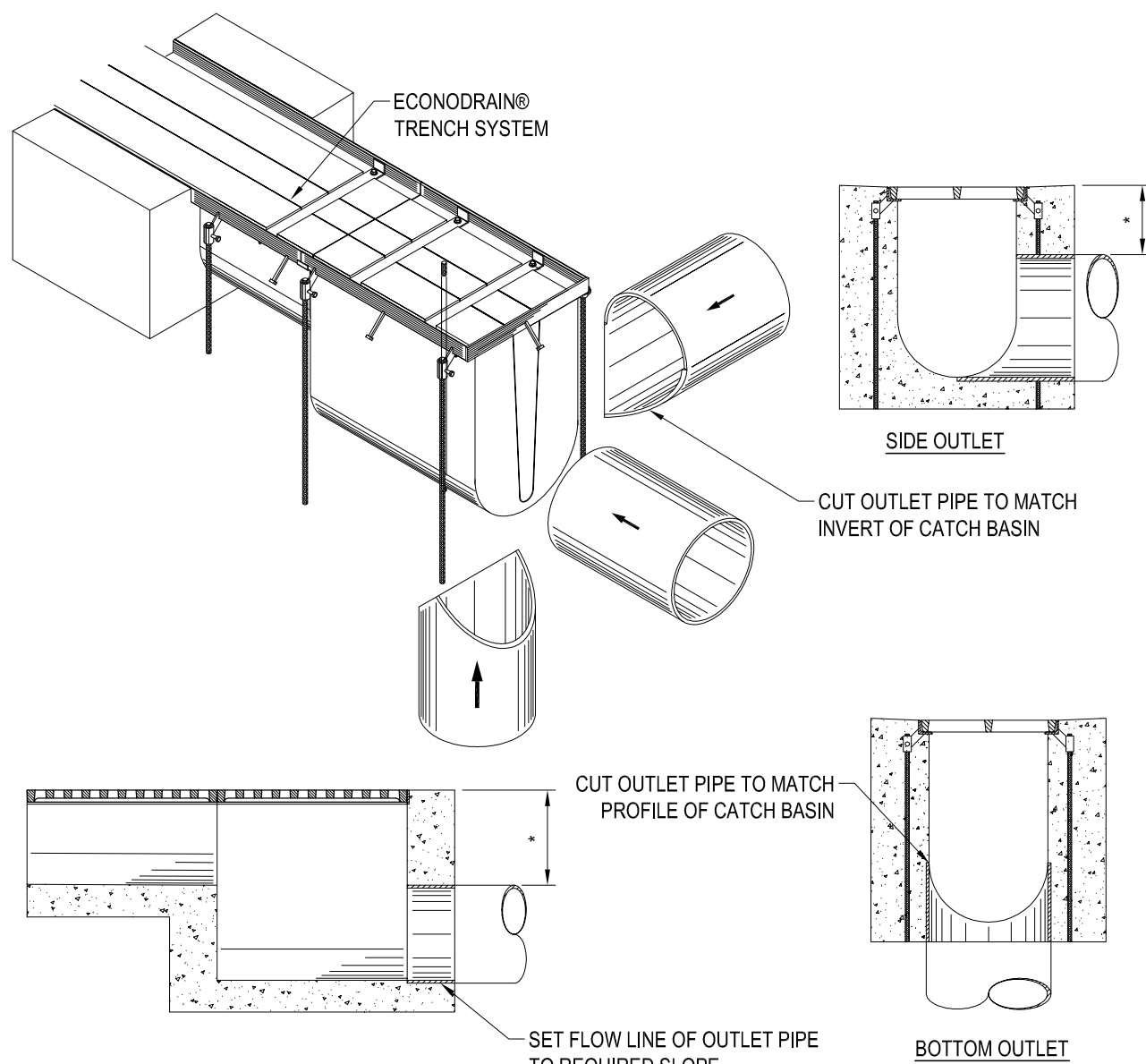
EconoDrain® Series #15  
INSTALLING FORMERS IN DEEPER PORTION OF SYSTEM

HOLES ARE PROVIDED THROUGH THE CENTER OF THE DEEPER EPS FORMS FOR INSERTION OF REBAR. THESE HOLES MAINTAIN VERTICAL ALIGNMENT DURING INITIAL CONCRETE PLACEMENT. THE REBAR IS DRIVEN ONLY A FEW INCHES INTO THE GROUND OR SUB-BASE. CONCRETE MUST BE FILLED ON BOTH SIDES OF THE FORM AS EVENLY AS POSSIBLE. MULTIPLE PASSES ON EITHER SIDE ARE PREFERABLE WHILE AVOIDING FILLING THE TRENCH FROM ONE SIDE. SEE **INSTALLATION INSTRUCTIONS, STEP 15: HOW TO POUR CONCRETE AROUND ECONODRAIN® TRENCH FORMING SYSTEM.** THE REBAR MUST BE REMOVED ONCE THE CONCRETE/FORM PRESSURE EQUALIZES BUT PRIOR TO THE CONCRETE SETTING UP.



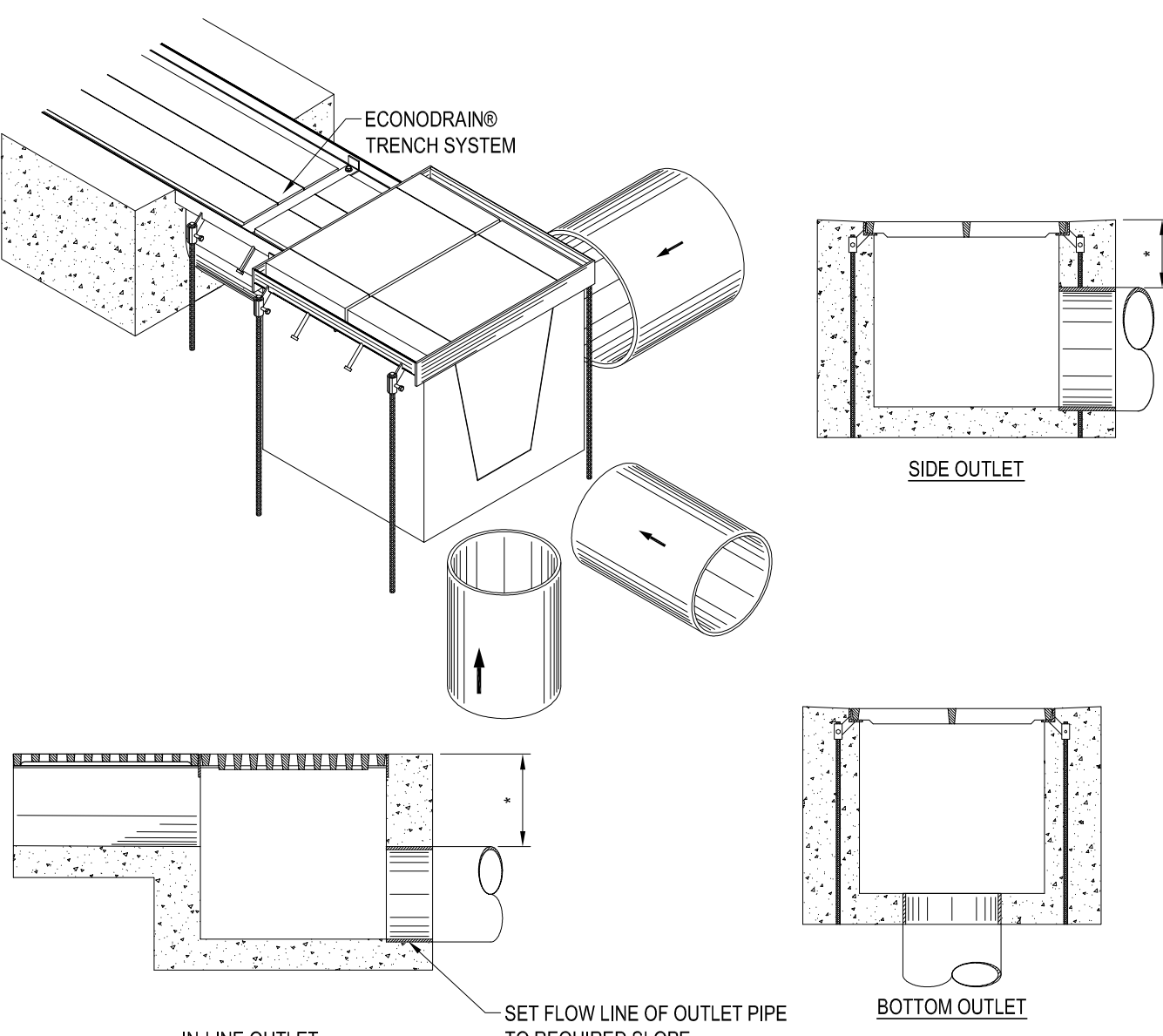
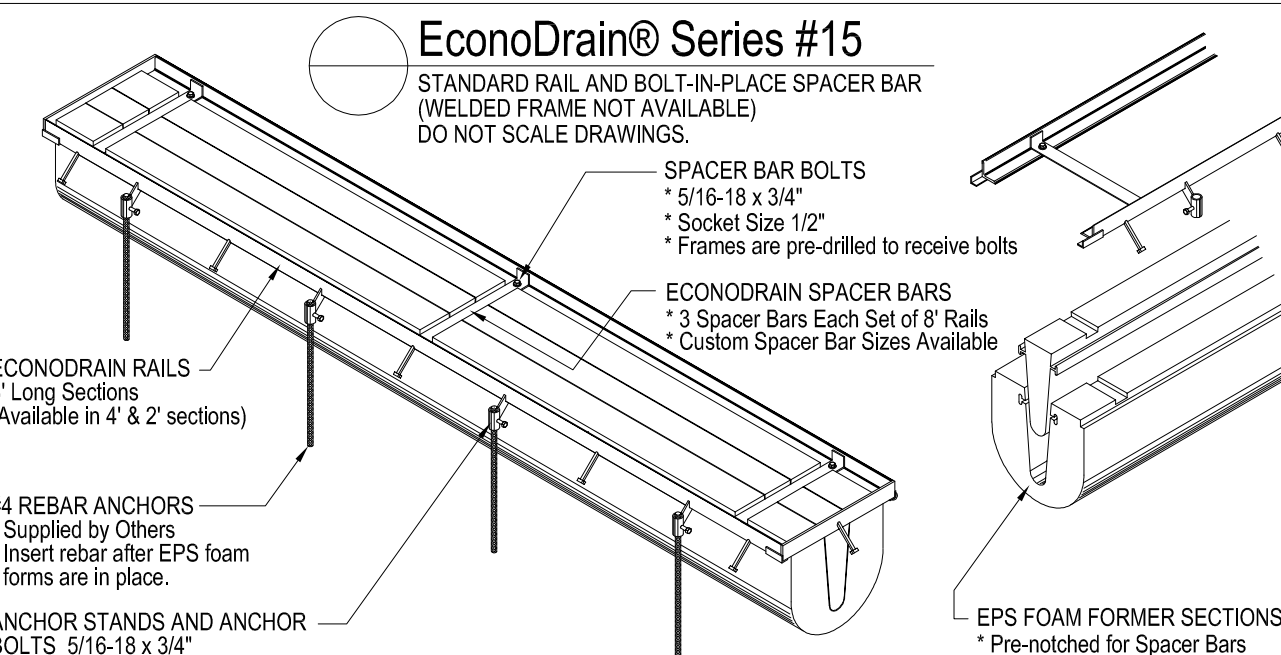
- STEP 1: REMOVE ANCHOR STAND OR STUD IF NECESSARY.
- STEP 2: TRIM INTERSECTION EPS FORM TO THE HEIGHT OF BOTTOM FRAME.
- STEP 3: FIELD TRIM INCOMING EPS FORMER AS NEEDED.
- STEP 4: APPLY ADHESIVES TO MATING SURFACES.
- STEP 5: TAPE JOINT OF EPS FORMERS AS NEEDED.

EconoDrain® Series #15  
TEE & ELL INTERSECTION KITS



EconoDrain® Series #15  
OUTLETS FROM IN-LINE CATCH BASIN

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
  2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
  3. 4" MINIMUM CONCRETE COVERAGE OF OUTLET PIPE IS RECOMMENDED (LABELED WITH "I").
  4. FINAL CONCRETE THICKNESS PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.
- CONSTRUCTION NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
  2. SECURE OUTLET PIPE PRIOR TO CONCRETING OPERATIONS.
  3. DO NOT SCALE DRAWINGS.



EconoDrain® Series #15  
OUTLET FROM CATCH BASIN

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
  2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
  3. 4" MINIMUM CONCRETE COVERAGE OF OUTLET PIPE IS RECOMMENDED (LABELED WITH "I").
  4. FINAL CONCRETE THICKNESS PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.
- CONSTRUCTION NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
  2. SECURE OUTLET PIPE PRIOR TO CONCRETING OPERATIONS.
  3. DO NOT SCALE DRAWINGS.

- GENERAL NOTES:
1. ALL DIMENSIONS SHOWN ARE NOMINAL.
  2. THIS SYSTEM AVAILABLE ONLY WITH STANDARD RAILS AND BOLT-IN-PLACE SPACER BARS. (PRE-WELDED FRAMES NOT AVAILABLE)

EconoDrain® Series #15  
ENGINEERING / CONSTRUCTION DETAIL TEMPLATE  
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