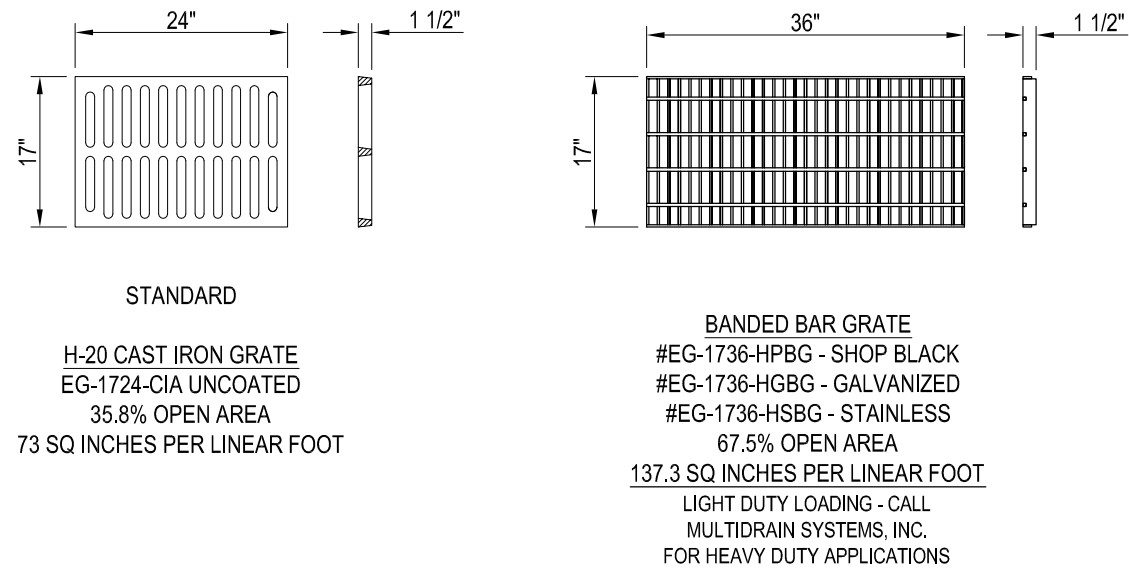
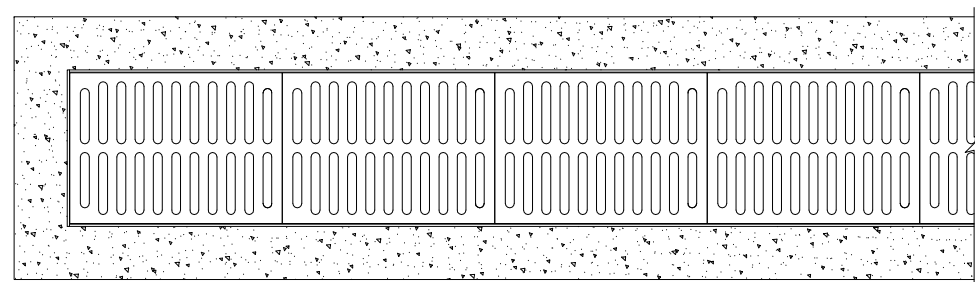


EconoDrain® Series #15
STANDARD EPS FORMS



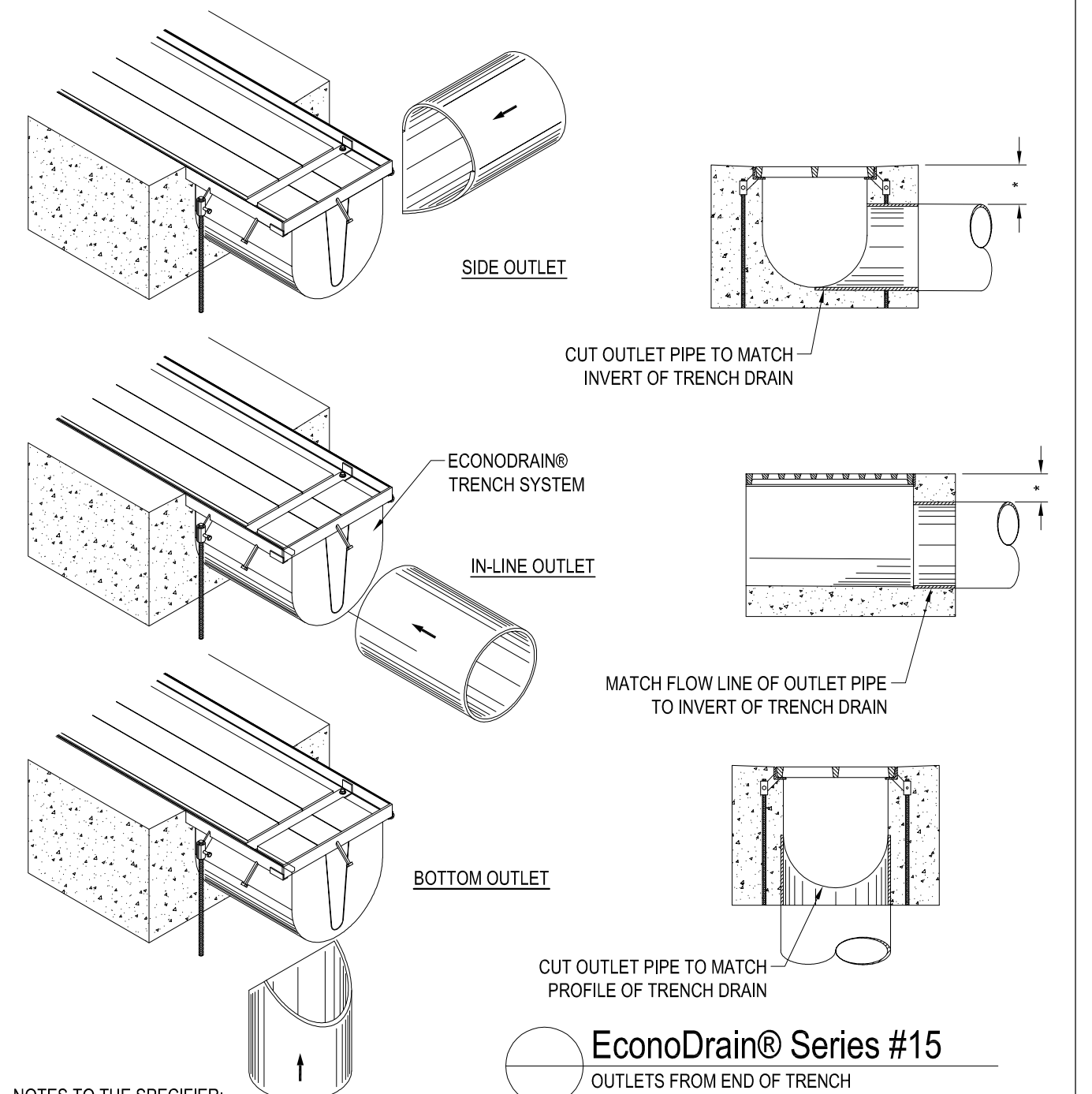
EconoDrain® Series #15
GRATE SELECTION



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

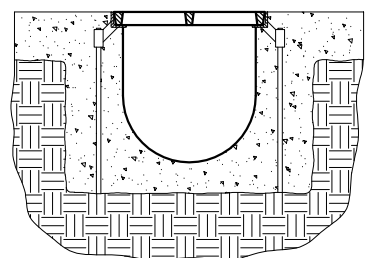
EPS FORM CHART



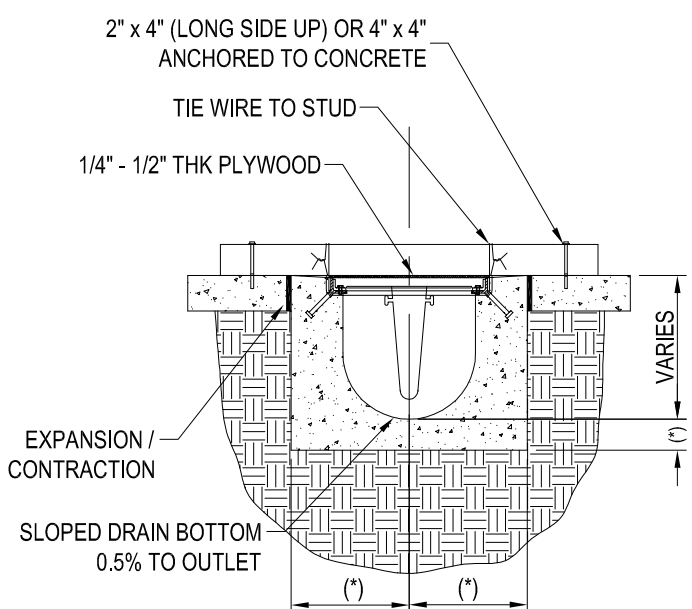
EconoDrain® Series #15
OUTLETS FROM END OF TRENCH

- 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.

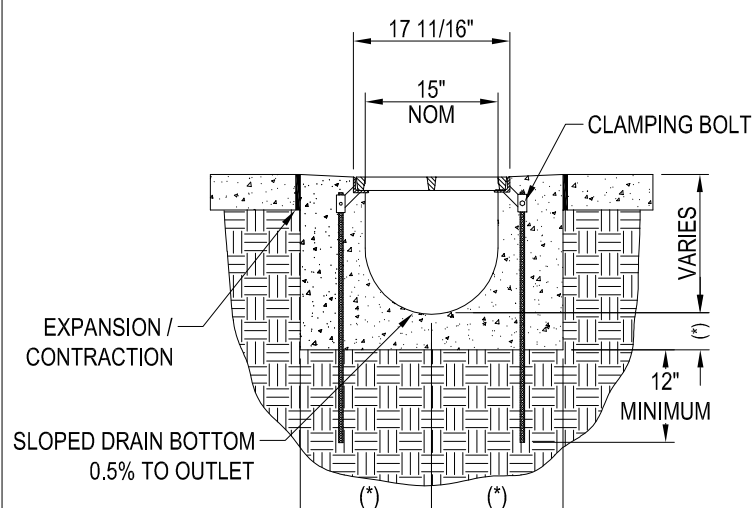


EconoDrain® Series #15
GRATE PLACEMENT ILLUSTRATION
No Locking Device Required



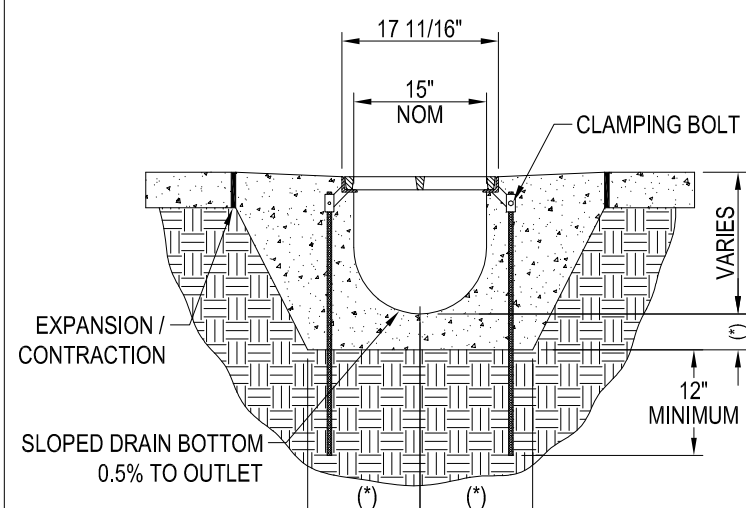
EconoDrain® Series #15
SUSPENDING FORMERS FROM EXISTING SLAB

- 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%



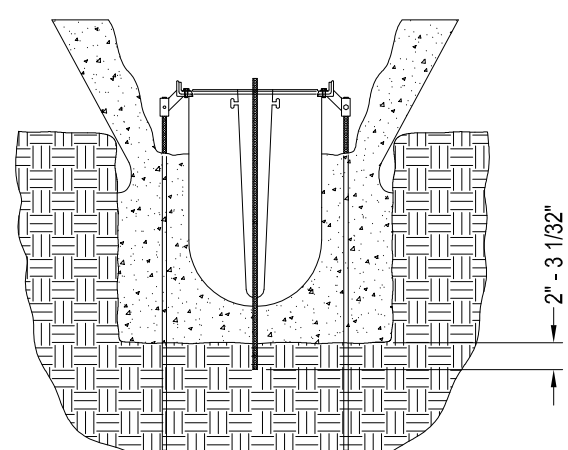
EconoDrain® Series #15
SAWCUT EXISTING SLAB INSTALLATION DETAIL

- 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%



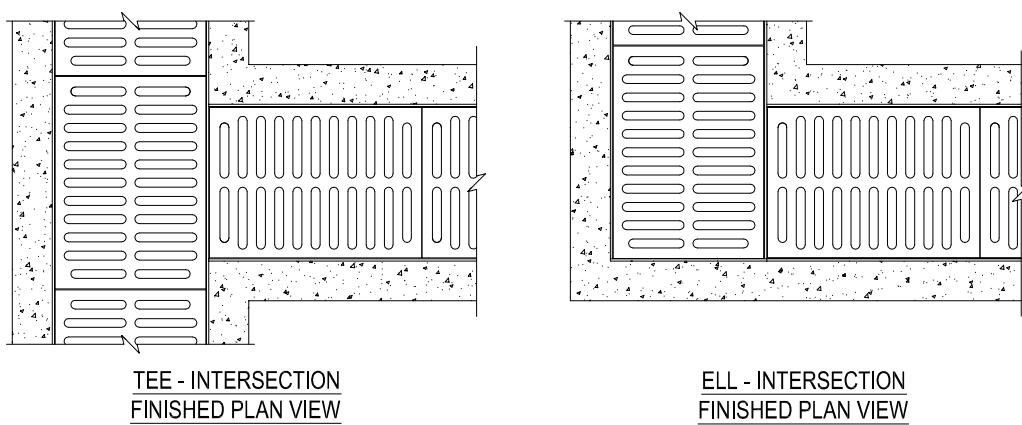
EconoDrain® Series #15
MONOLITHIC POUR INSTALLATION DETAIL

- 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%



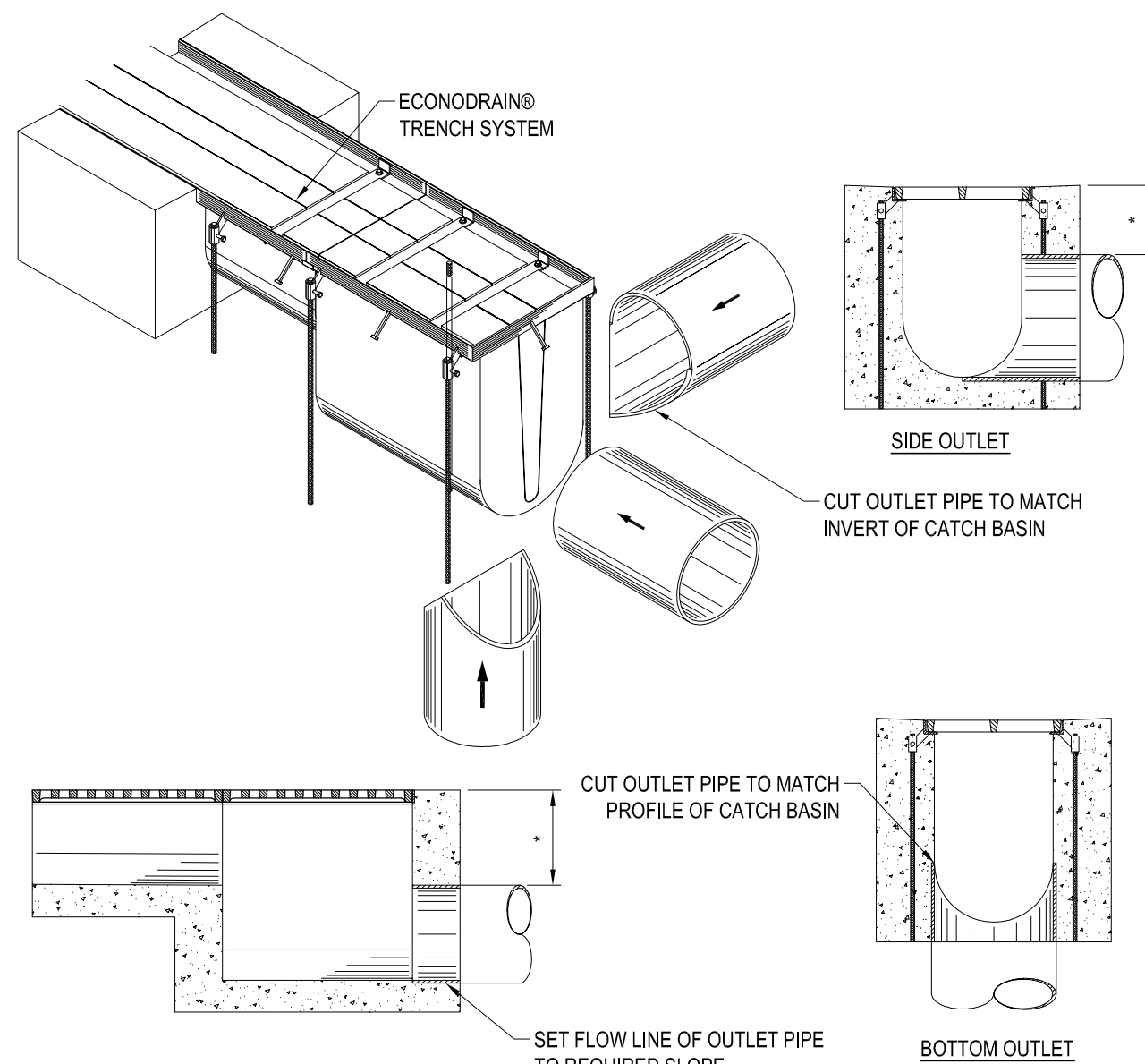
EconoDrain® Series #15
INSTALLING FORMERS IN DEEPER PORTION OF SYSTEM

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.



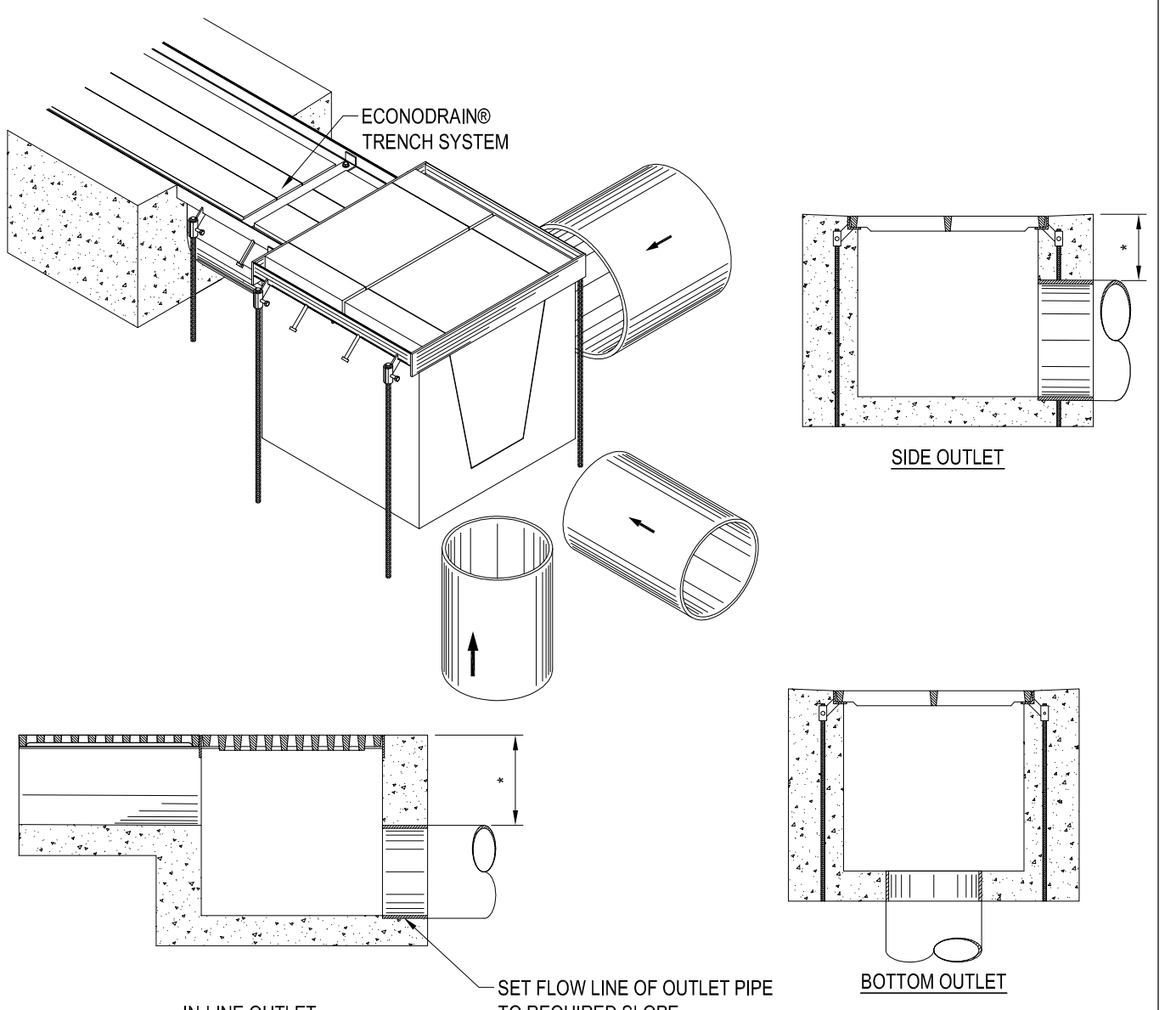
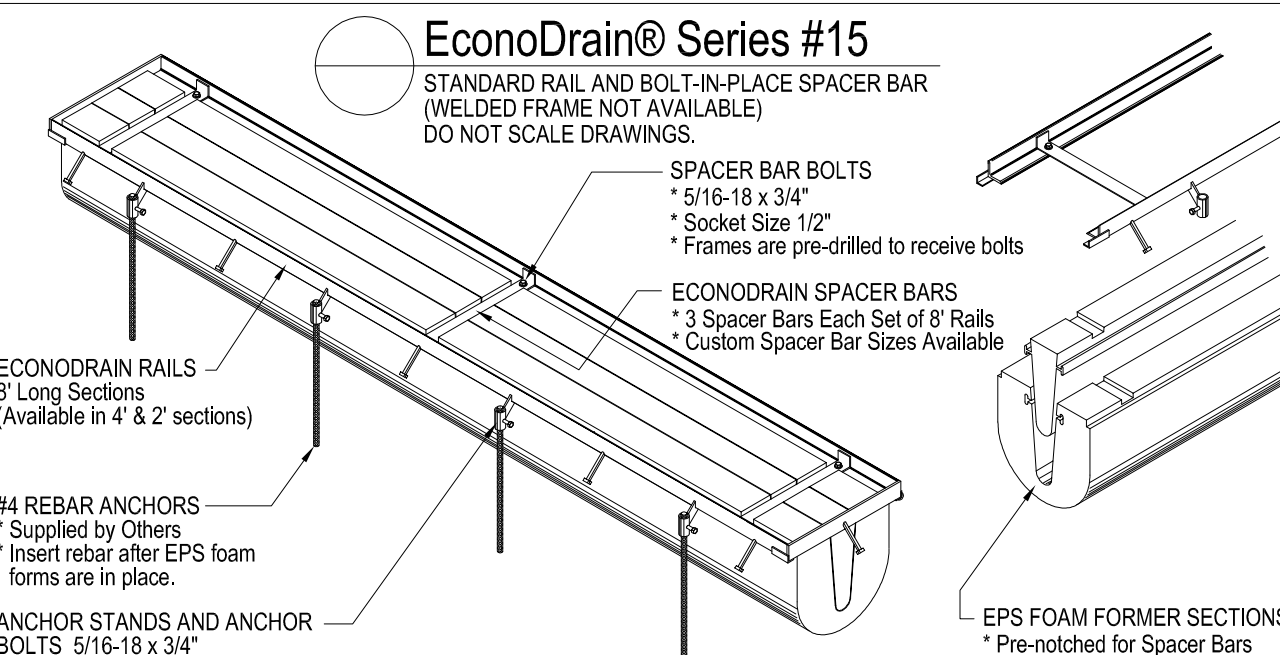
- STEP 1: REMOVE ANCHOR STAND OR STUD IF NECESSARY.
- STEP 2: TRIM INTERSECTION EPS FORM TO THE HEIGHT OF BOTTOM FRAME.
- STEP 3: FIELD TRIM INCOMING EPS FORMER AS NEEDED.
- STEP 4: APPLY ADHESIVES TO MATING SURFACES.
- STEP 5: TAPE JOINT OF EPS FORMERS AS NEEDED.

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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