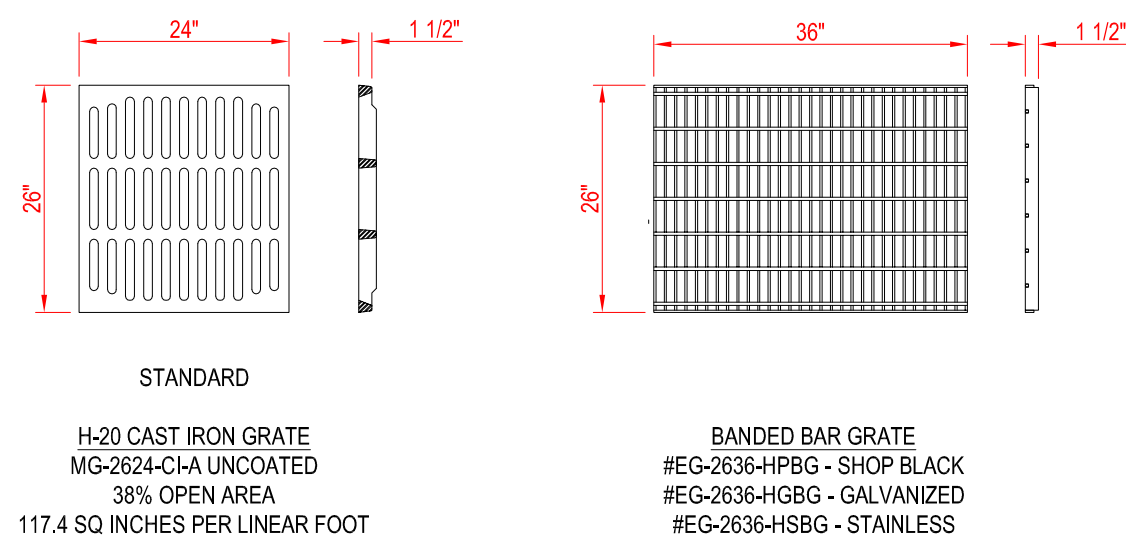
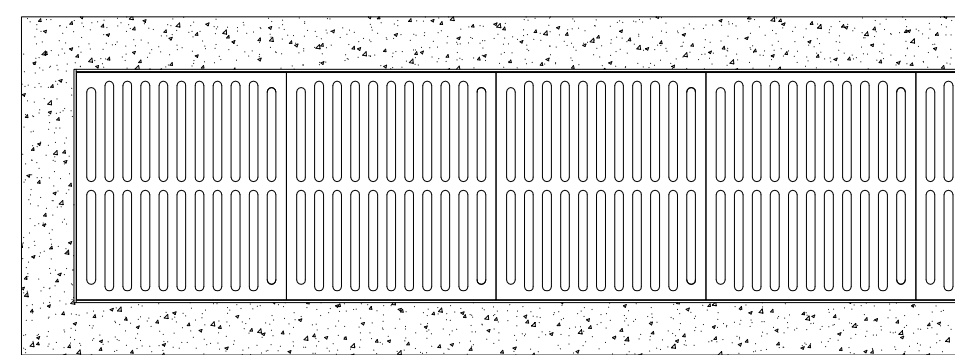


EconoDrain® Series #24
STANDARD EPS FORMS



EconoDrain® Series #24
GRATE SELECTION

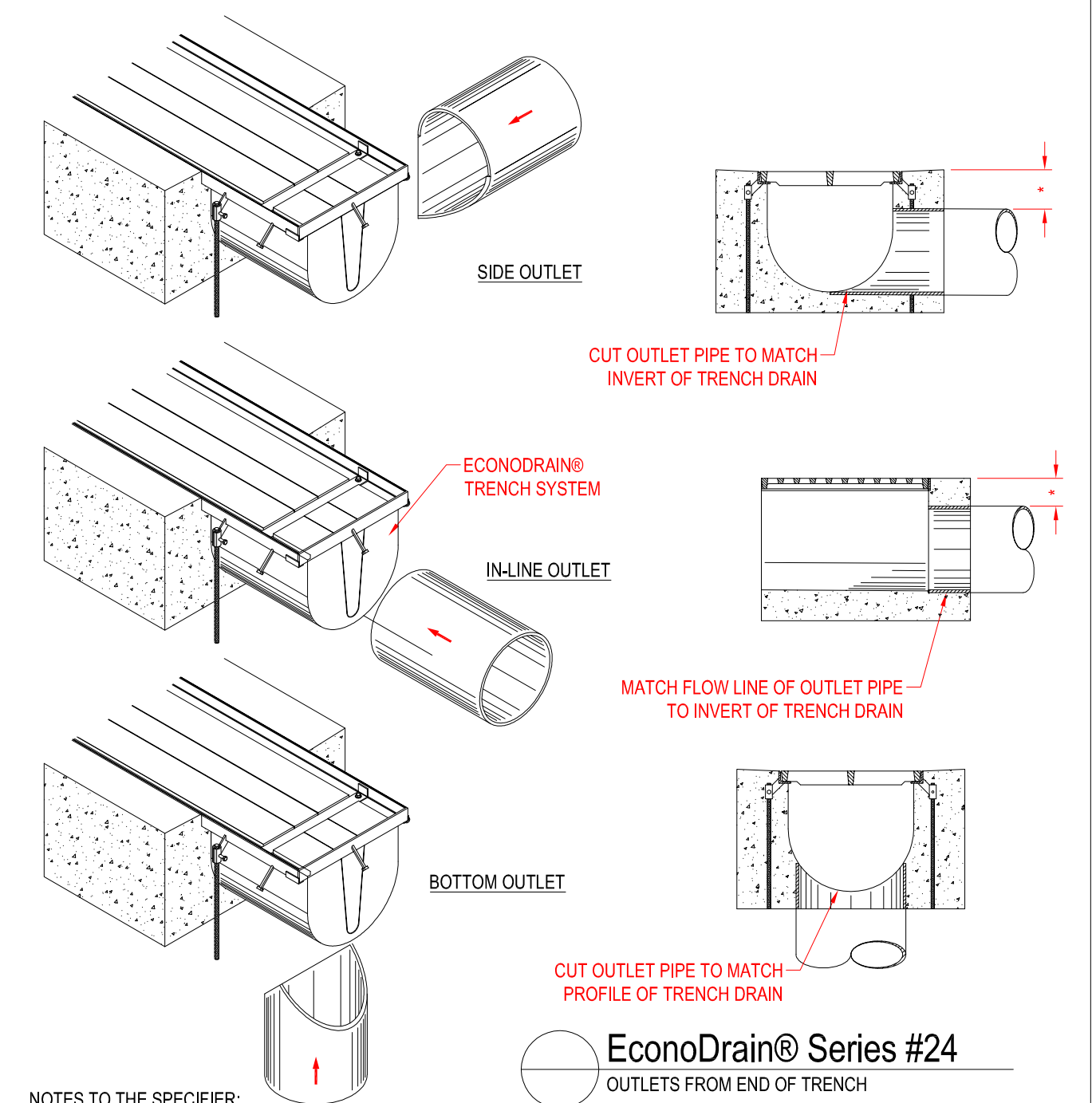


EconoDrain® Series #24
FINISHED PLAN VIEW
DO NOT SCALE

EPS FORM	DEPTH		FLOW GPM
	MIN	MAX	
24	15"	15 1/2"	4721
25	15 1/2"	16"	4991
26	16"	16 1/2"	5262
27	16 1/2"	17"	5536
28	17"	17 1/2"	5811
29	17 1/2"	18"	6088
30	18"	18 1/2"	6366
31	18 1/2"	19"	6645
32	19"	19 1/2"	6926
33	19 1/2"	20"	7208
34	20"	20 1/2"	7491
35	20 1/2"	21"	7775
36	21"	21 1/2"	8060
37	21 1/2"	22"	8345
38	22"	22 1/2"	8632
39	22 1/2"	23"	8920
40	23"	23 1/2"	9208
41	23 1/2"	24"	9497
42	24"	24 1/2"	9787
43	24 1/2"	25"	10077
44	25"	25 1/2"	10368
45	25 1/2"	26"	10659
46	26"	26 1/2"	10951
47	26 1/2"	27"	11244
48	27"	27 1/2"	11537
49	27 1/2"	28"	11831

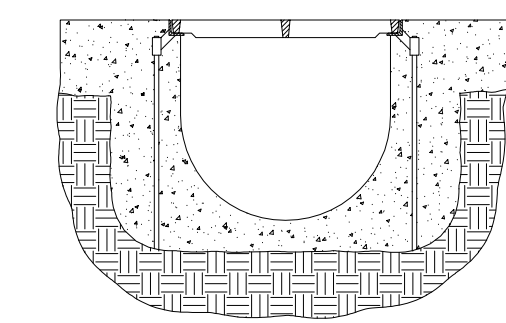
EPS FORM	DEPTH		FLOW GPM
	MIN	MAX	
50	28"	28 1/2"	12125
51	28 1/2"	29"	12419
52	29"	29 1/2"	12714
53	29 1/2"	30"	13010
54	30"	30 1/2"	13305
55	30 1/2"	31"	13601
56	31"	31 1/2"	13898
57	31 1/2"	32"	14194
58	32"	32 1/2"	14492
59	32 1/2"	33"	14789
60	33"	33 1/2"	15087
61	33 1/2"	34"	15385
62	34"	34 1/2"	15683
63	34 1/2"	35"	15981
64	35"	35 1/2"	16280
65	35 1/2"	36"	16579
66	36"	36 1/2"	16878
67	36 1/2"	37"	17178
68	37"	37 1/2"	17477
69	37 1/2"	38"	17777
70	38"	38 1/2"	18077
71	38 1/2"	39"	18378
72	39"	39 1/2"	18678
73	39 1/2"	40"	18979
74	40"	40 1/2"	19280
75	40 1/2"	41"	19581

EPS FORM CHART

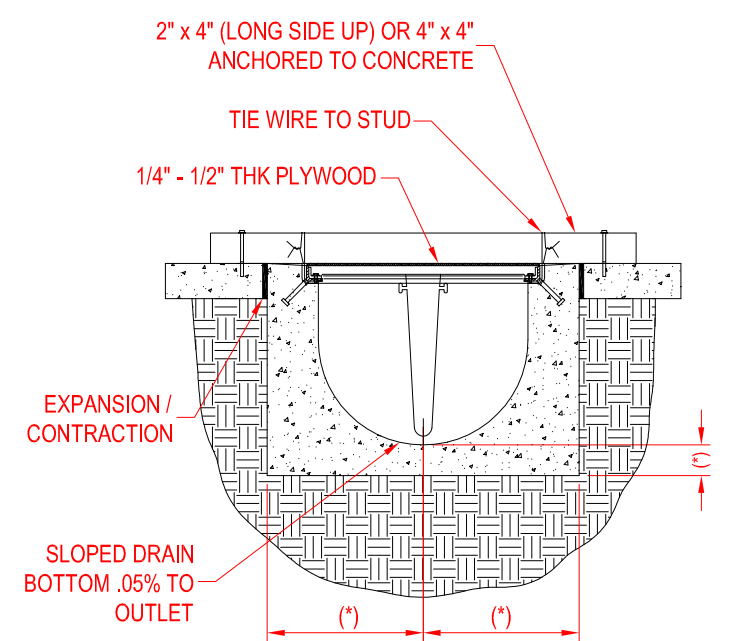


- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
 2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
 3. 4" MINIMUM CONCRETE COVERAGE OF OUTLET PIPE IS RECOMMENDED (LABELED WITH *).
 4. FINAL CONCRETE THICKNESS PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.
- CONSTRUCTION NOTES:
1. INSTALLATION TO BE COMPLETED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

EconoDrain® Series #24
OUTLETS FROM END OF TRENCH

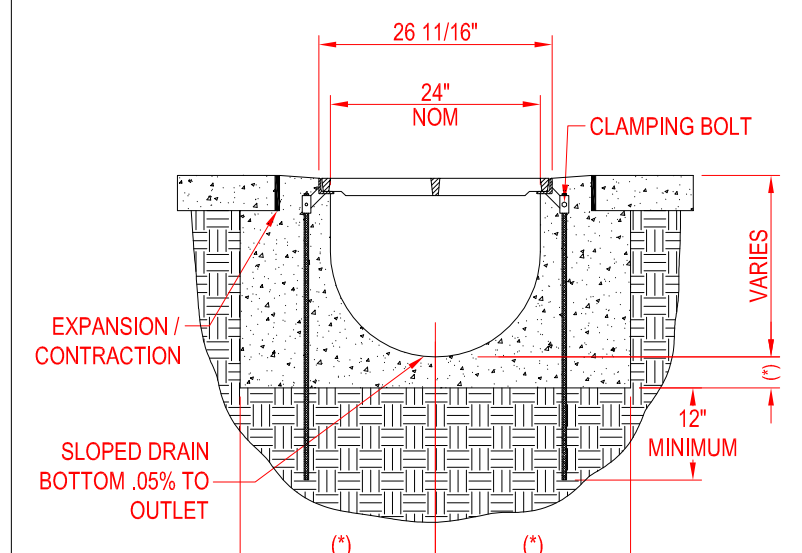


EconoDrain® Series #24
GRATE PLACEMENT ILLUSTRATION
No Locking Device Required



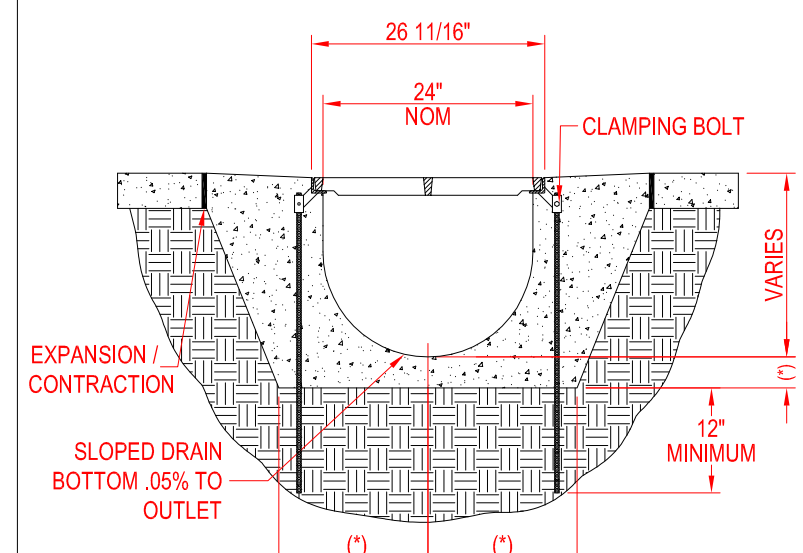
EconoDrain® Series #24
SUSPENDING FORMERS FROM EXISTING SLAB

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
 2. SPECIFY REQUIRED DIMENSIONS LABELED WITH (*) 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%



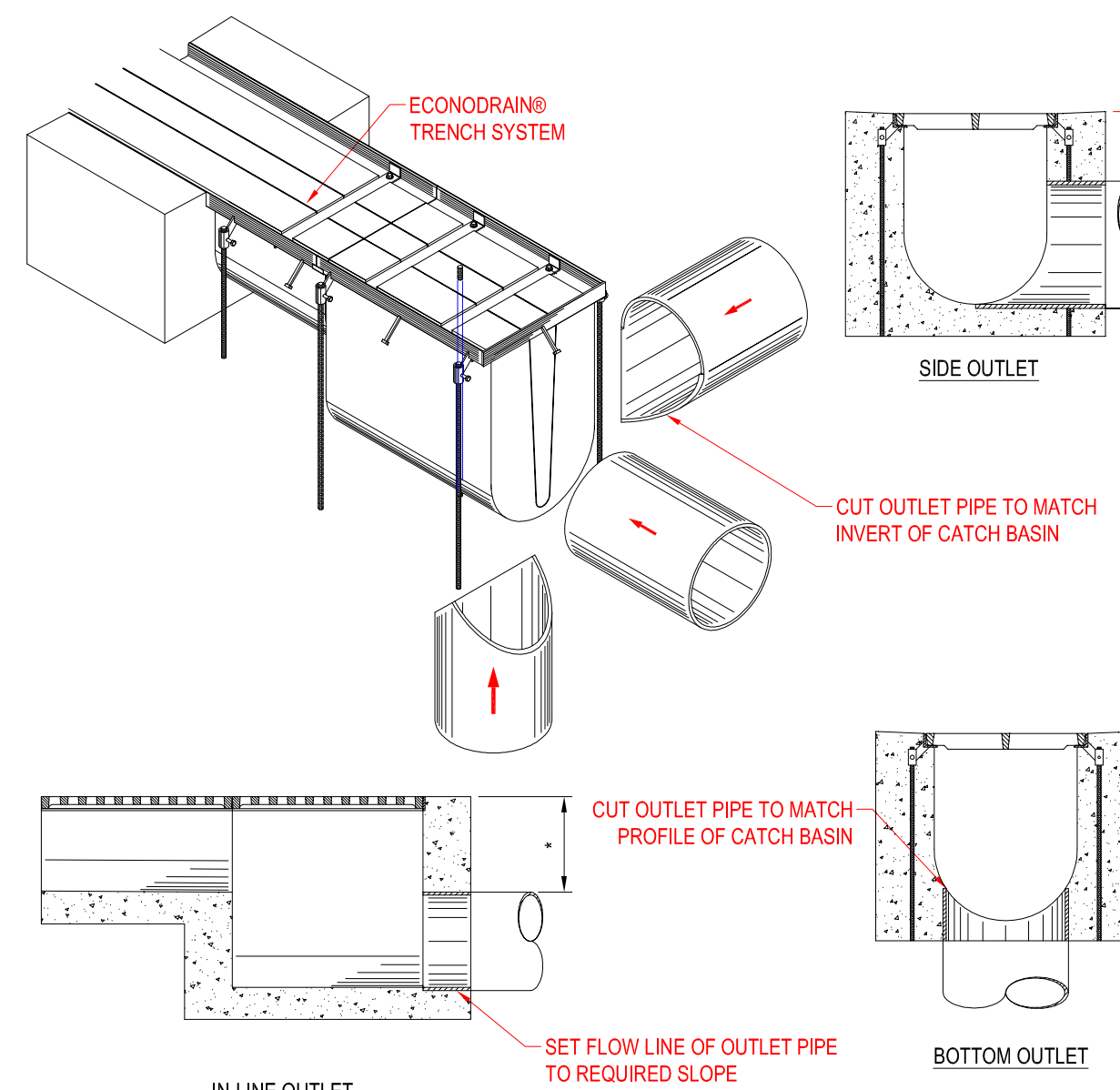
EconoDrain® Series #24
SAWCUT EXISTING SLAB INSTALLATION DETAIL

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
 2. SPECIFY REQUIRED DIMENSIONS LABELED WITH (*) 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%



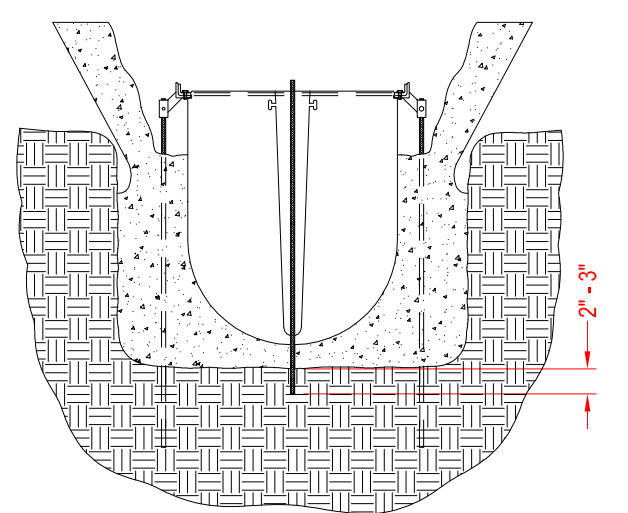
EconoDrain® Series #24
MONOLITHIC POUR INSTALLATION DETAIL

- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
 2. SPECIFY REQUIRED DIMENSIONS LABELED WITH (*) 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%



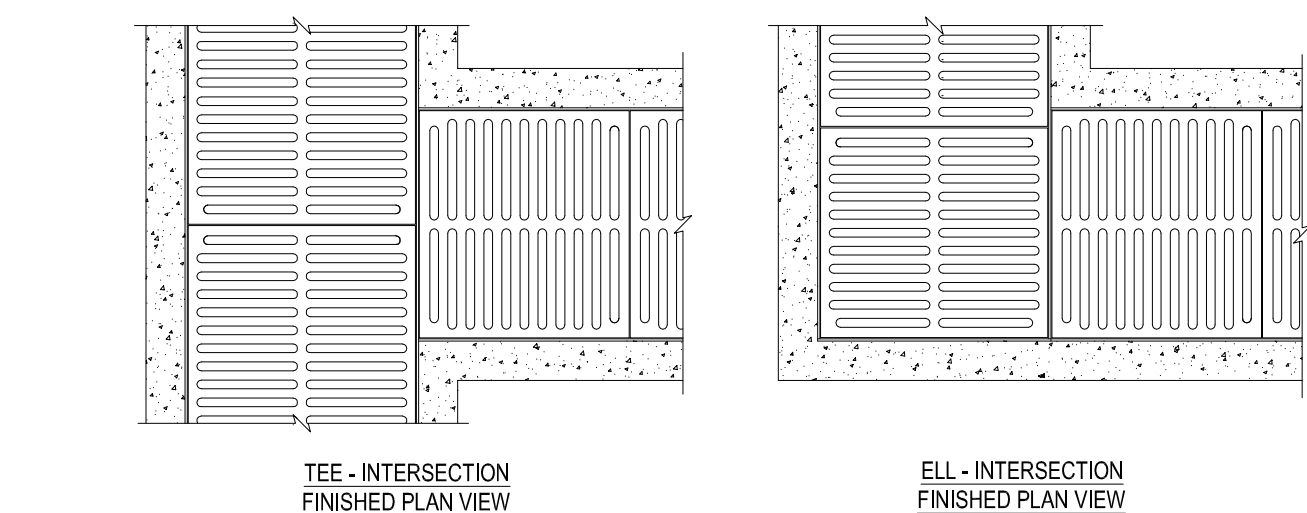
- NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED.
 2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
 3. 4" MINIMUM CONCRETE COVERAGE OF OUTLET PIPE IS RECOMMENDED (LABELED WITH *).
 4. FINAL CONCRETE THICKNESS PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.
- CONSTRUCTION NOTES:
1. INSTALLATION TO BE COMPLETED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

EconoDrain® Series #24
OUTLETS FROM IN-LINE CATCH BASIN

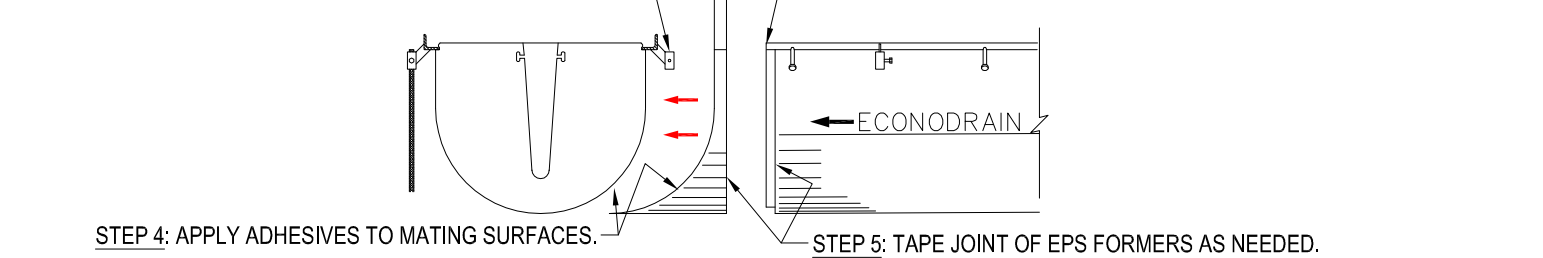


EconoDrain® Series #24
INSTALLING FORMERS IN DEEPER PORTION OF SYSTEM

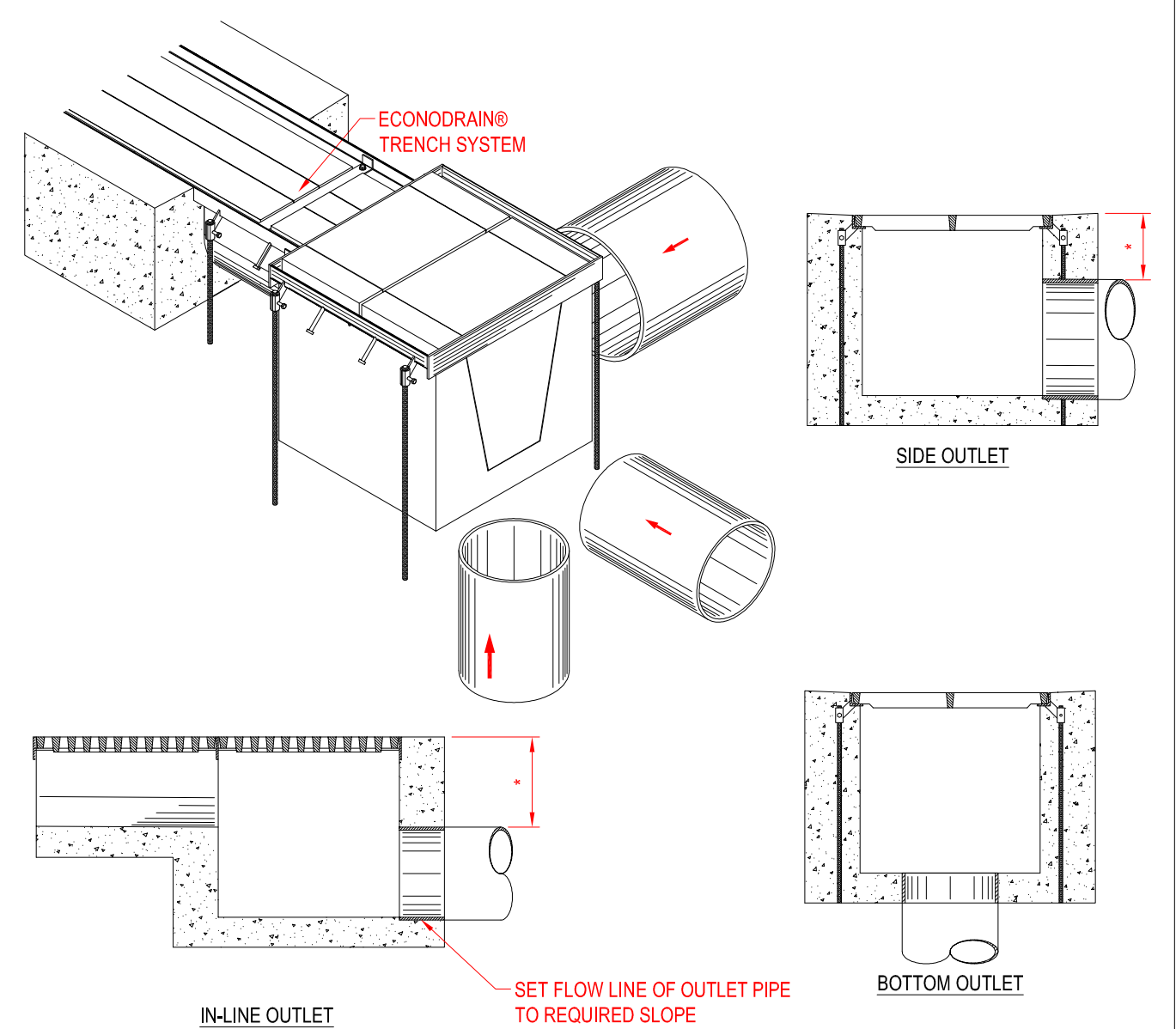
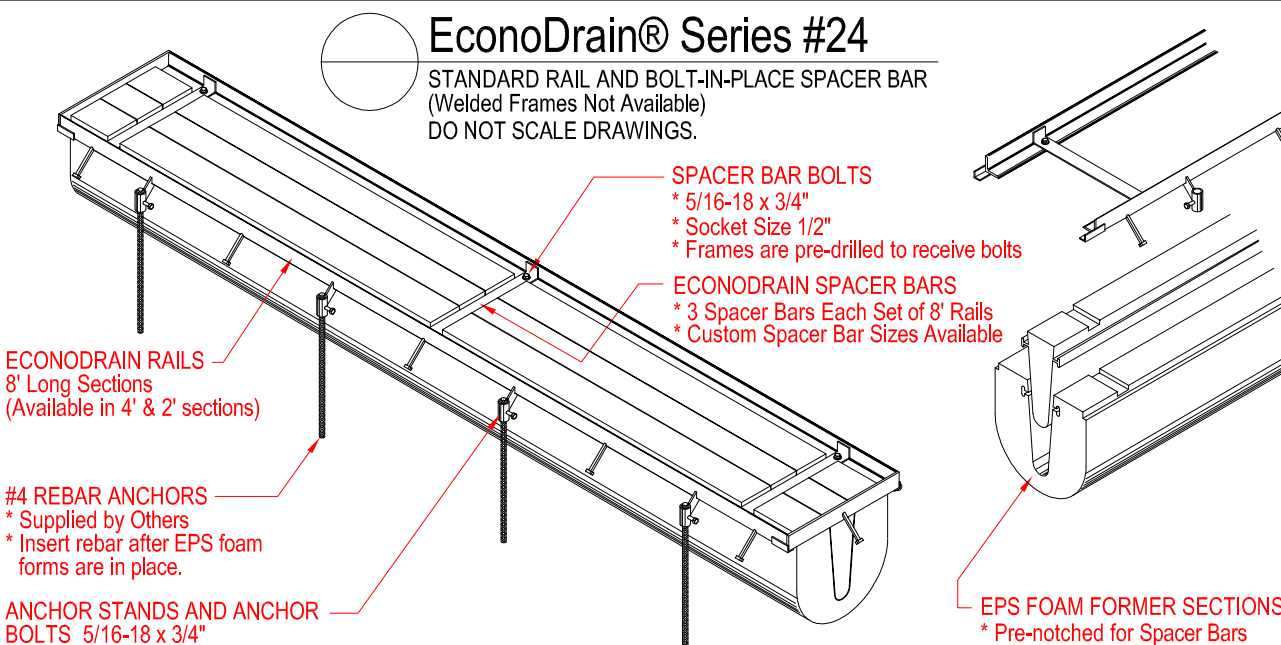
HOLES ARE PROVIDED THROUGH THE CENTER OF THE DEEPER EPS FORMS FOR INSERTION OF REBAR, THESE HOLES MAINTAIN VERTICAL ALIGNMENT DURING INITIAL CONCRETE PLACEMENT. THE REBAR IS DRIVEN ONLY A FEW INCHES INTO THE GROUND OR SUB-BASE. CONCRETE MUST BE FILLED ON BOTH SIDES OF THE FORM AS EVENLY AS POSSIBLE. 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.



EconoDrain® Series #24
TEE & ELL INTERSECTION FINISHED PLAN VIEW



EconoDrain® Series #24
TEE & ELL INTERSECTION KITS



- 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 *).
 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. FOR ILLUSTRATION ONLY - DO NOT SCALE.

EconoDrain® Series #24
OUTLET FROM CATCH BASIN

- 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 #24
ENGINEERING / CONSTRUCTION DETAIL TEMPLATE
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