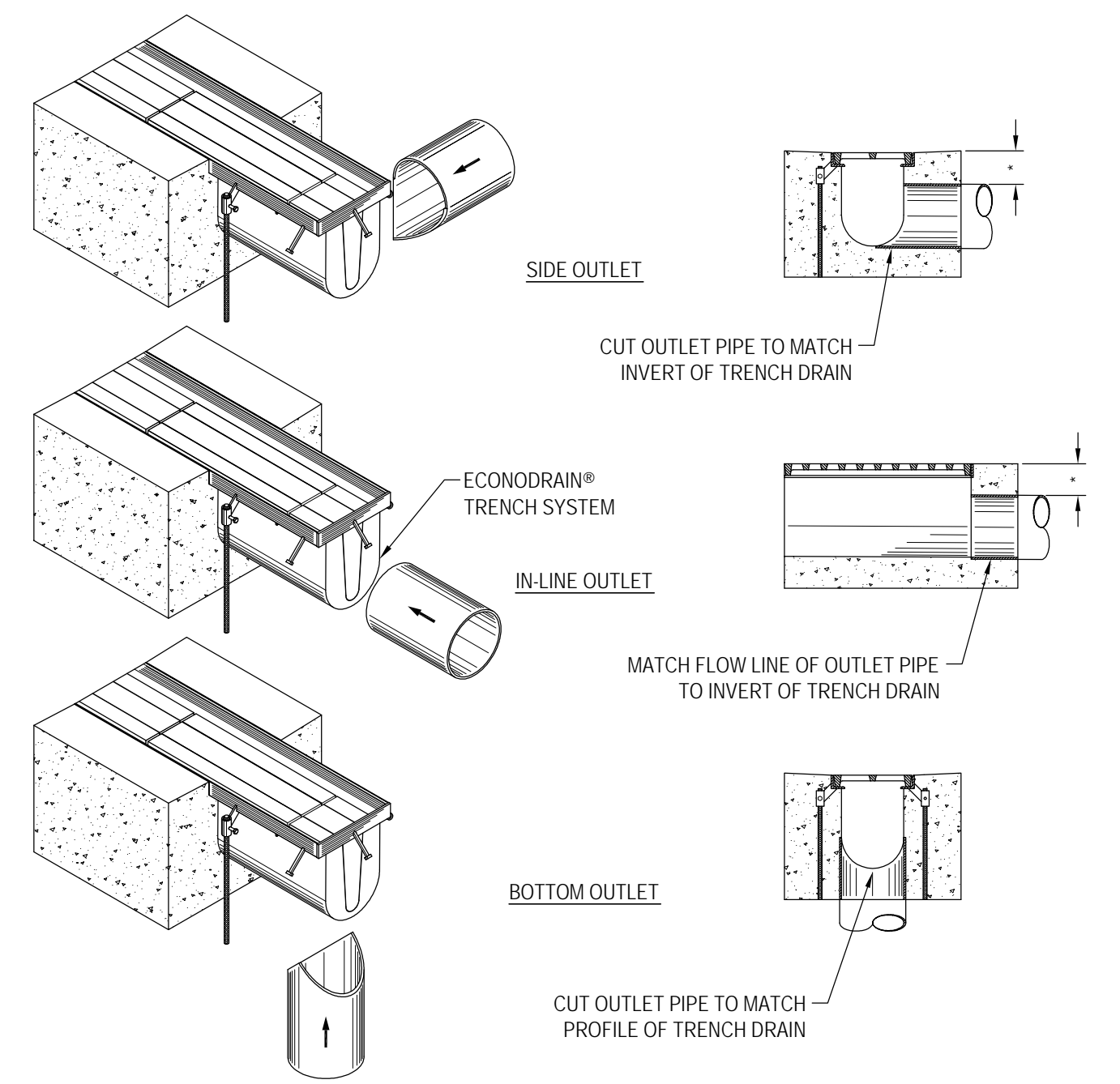


**EconoDrain® Series #6**  
STANDARD EPS FORMS  
LENGTH SCALE 1:200  
DEPTH SCALE 1:20

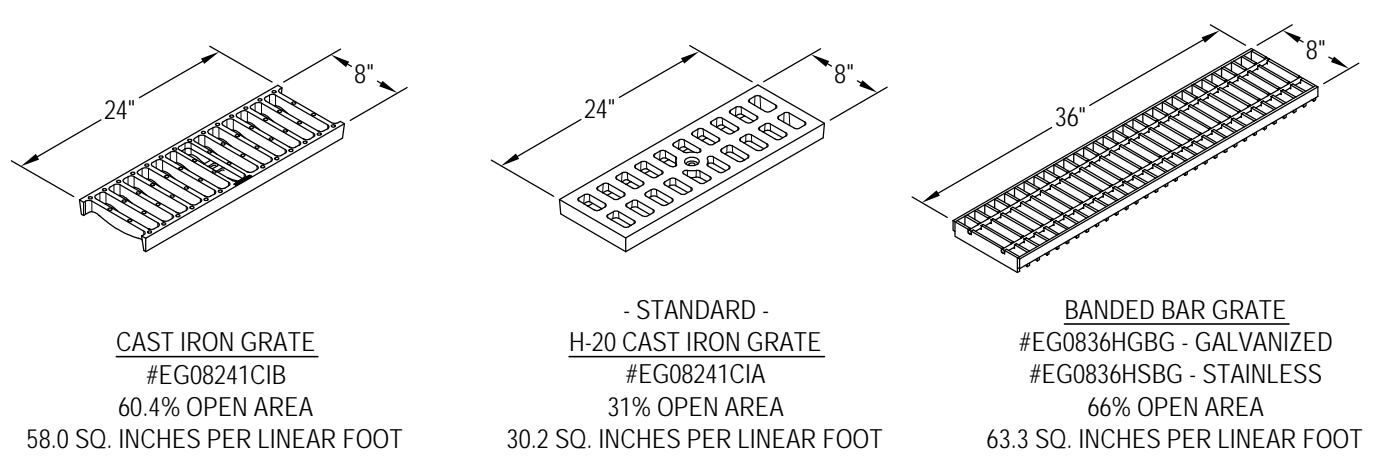
EPS FORM	DEPTH		FLOW GPM
	MIN	MAX	
06	6"	6 1/2"	196
07	6 1/2"	7"	224
08	7"	7 1/2"	253
09	7 1/2"	8"	281
10	8"	8 1/2"	310
11	8 1/2"	9"	339
12	9"	9 1/2"	368
13	9 1/2"	10"	397
14	10"	10 1/2"	426
15	10 1/2"	11"	455
16	11"	11 1/2"	484
17	11 1/2"	12"	514
18	12"	12 1/2"	543
19	12 1/2"	13"	573
20	13"	13 1/2"	602
21	13 1/2"	14"	632
22	14"	14 1/2"	661
23	14 1/2"	15"	691
24	15"	15 1/2"	721
25	15 1/2"	16"	750
26	16"	16 1/2"	780
27	16 1/2"	17"	810
28	17"	17 1/2"	840
29	17 1/2"	18"	869
30	18"	18 1/2"	899
31	18 1/2"	19"	929
32	19"	19 1/2"	959
33	19 1/2"	20"	989
34	20"	20 1/2"	1019
35	20 1/2"	21"	1048
36	21"	21 1/2"	1078
37	21 1/2"	22"	1108
38	22"	22 1/2"	1138
39	22 1/2"	23"	1168
40	23"	23 1/2"	1198
41	23 1/2"	24"	1228
42	24"	24 1/2"	1258
43	24 1/2"	25"	1288
44	25"	25 1/2"	1317
45	25 1/2"	26"	1347

EPS FORM CHART



**EconoDrain® Series #6**  
OUTLETS FROM END OF TRENCH  
NOT TO SCALE

- NOTES TO THE SPECIFIER:**
1. ADD REBAR AS REQUIRED.
  2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
  3. MINIMUM CONCRETE COVERAGE OF OUTLET PIPE MUST BE GREATER THAN 4 INCHES (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. DO NOT SCALE DRAWINGS.

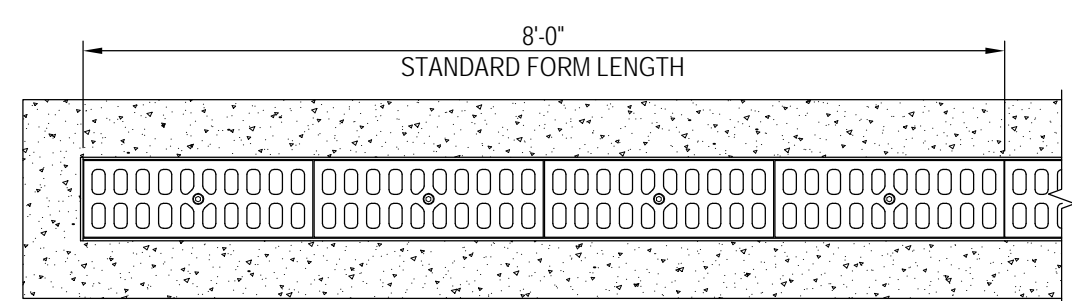


**EconoDrain® Series #6**  
GRATE SELECTION  
SCALE 1:20

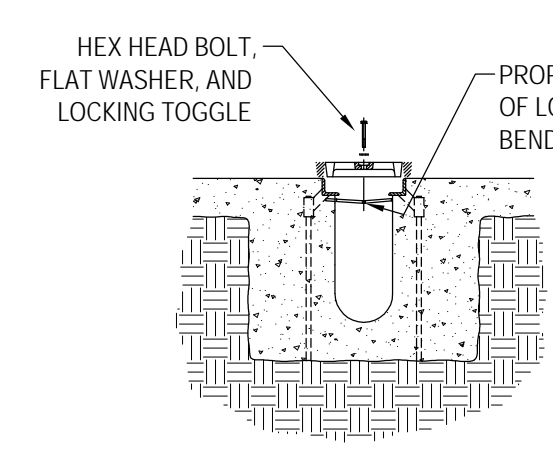
**CAST IRON GRATE**  
#EG08241CIB  
60.4% OPEN AREA  
58.0 SQ. INCHES PER LINEAR FOOT

**STANDARD H-20 CAST IRON GRATE**  
#EG08241CIA  
31% OPEN AREA  
30.2 SQ. INCHES PER LINEAR FOOT

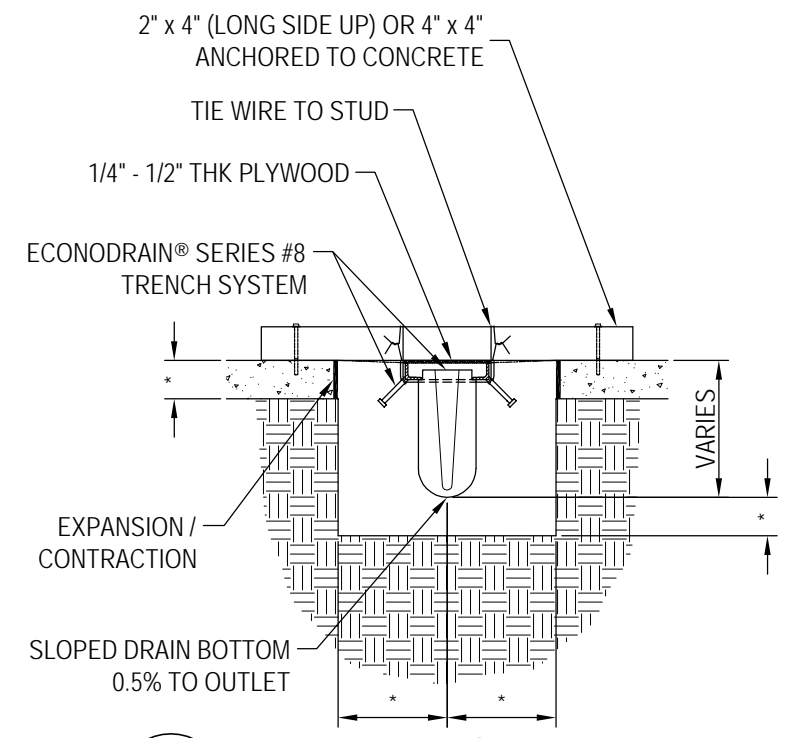
**BANDED BAR GRATE**  
#EG0836HGBG - GALVANIZED  
#EG0836HSBG - STAINLESS  
66% OPEN AREA  
63.3 SQ. INCHES PER LINEAR FOOT



**EconoDrain® Series #6**  
FINISHED PLAN VIEW  
SCALE 1:20

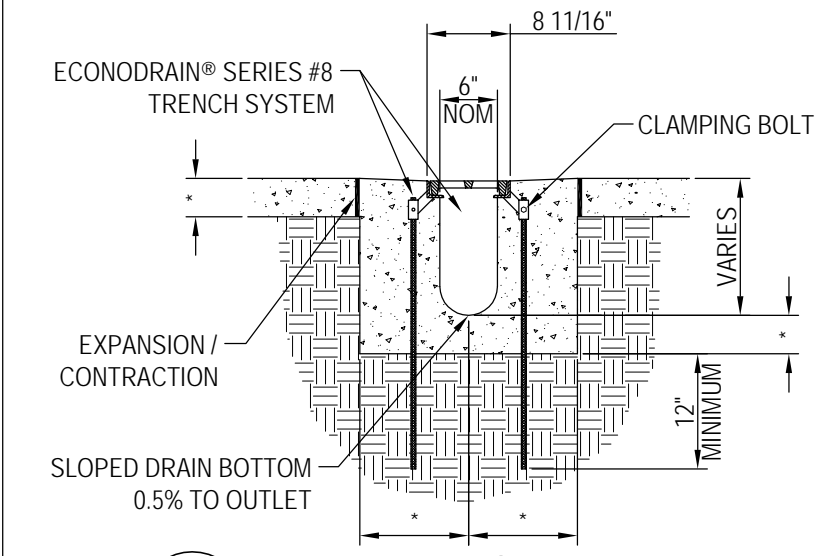


**EconoDrain® Series #6**  
GRATE LOCKING DEVICE INSTALLATION  
SCALE 1:20



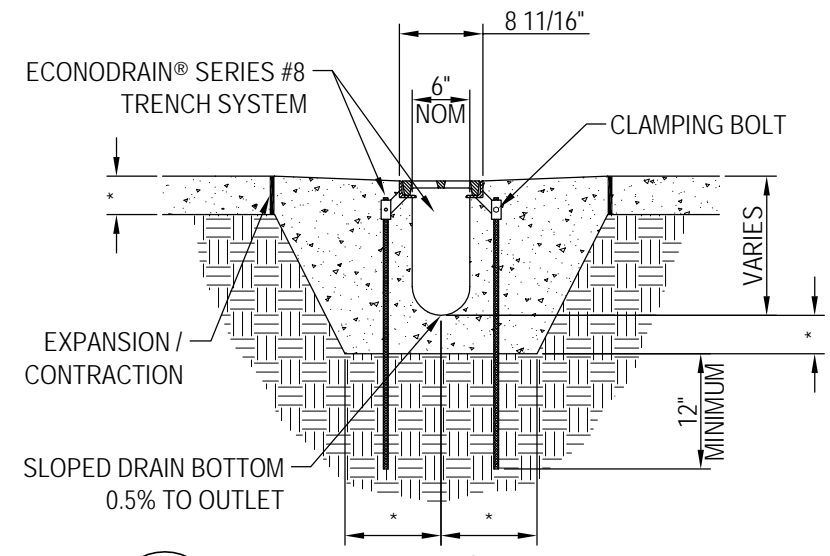
**EconoDrain® Series #6**  
SUSPENDING FORMERS FROM EXISTING SLAB  
SCALE 1:20

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



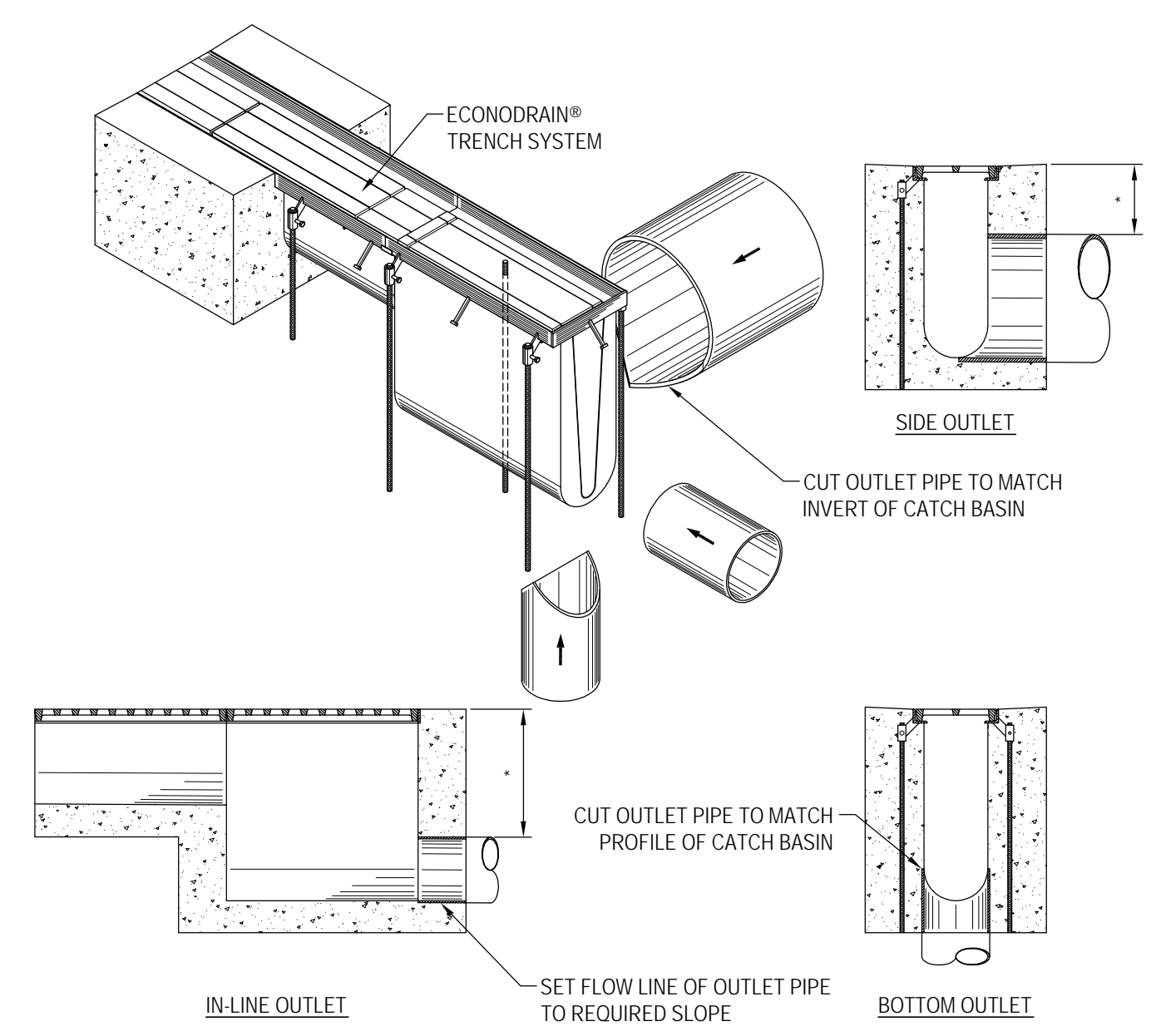
**EconoDrain® Series #6**  
SAWCUT EXISTING SLAB INSTALLATION DETAIL  
SCALE 1:20

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



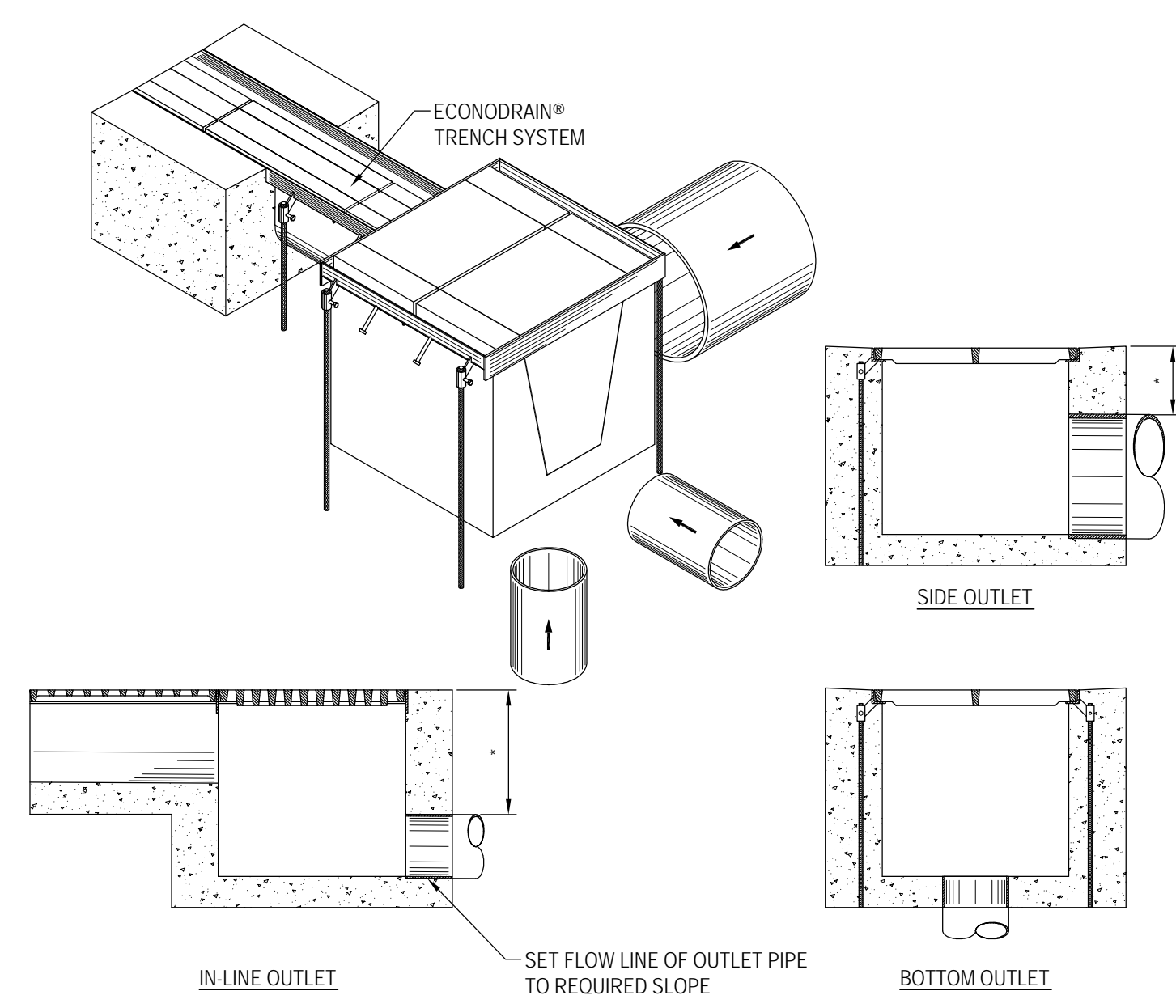
**EconoDrain® Series #6**  
MONOLITHIC POUR INSTALLATION DETAIL  
SCALE 1:20

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



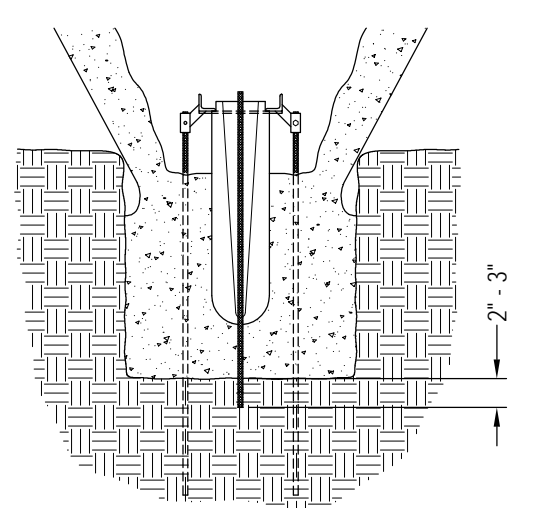
**EconoDrain® Series #6**  
OUTLETS FROM IN-LINE CATCH BASIN  
NOT TO SCALE

- NOTES TO THE SPECIFIER:**
1. ADD REBAR AS REQUIRED.
  2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
  3. MINIMUM CONCRETE COVERAGE OF OUTLET PIPE MUST BE GREATER THAN 4 INCHES (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. DO NOT SCALE DRAWINGS.



**EconoDrain® Series #6**  
OUTLET FROM CATCH BASIN  
NOT TO SCALE

- NOTES TO THE SPECIFIER:**
1. ADD REBAR AS REQUIRED.
  2. SPECIFY MINIMUM CONCRETE ENCASEMENT.
  3. MINIMUM CONCRETE COVERAGE OF OUTLET PIPE MUST BE GREATER THAN 4 INCHES (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. DO NOT SCALE DRAWINGS.

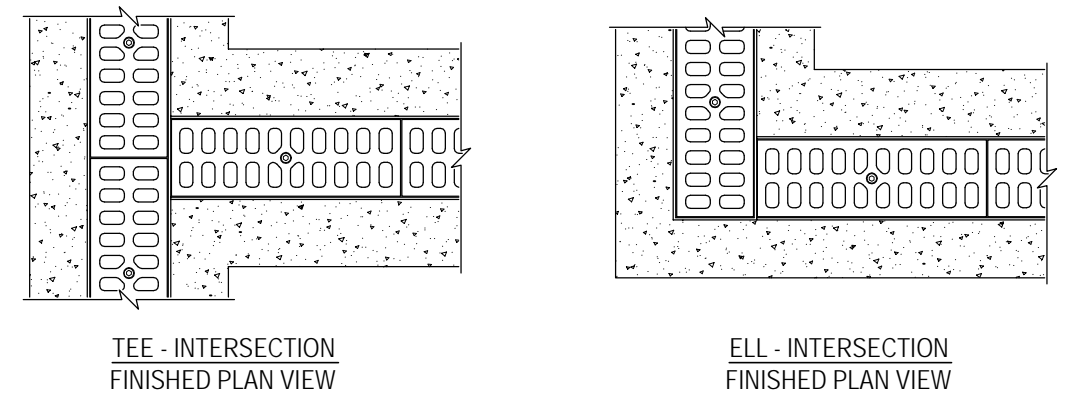


**EconoDrain® Series #6**  
INSTALLING FORMERS IN DEEPER PORTION OF SYSTEM  
SCALE 1:20

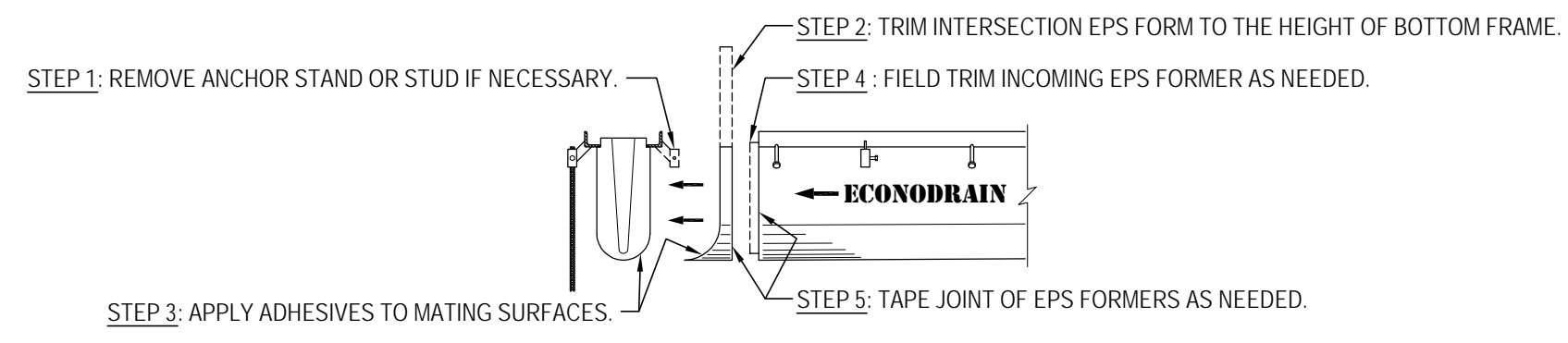
FOUR (4) HOLES ARE PROVIDED THROUGH THE CENTER OF THE DEEPER EPS FORMS FOR INSERTION OF REBAR. THESE HOLES MAINTAIN VERTICAL ALIGNMENT DURING INITIAL CONCRETE PLACEMENT. THE REBAR IS DRIVEN ONLY A FEW INCHES INTO THE GROUND OR SUB-BASE. CONCRETE MUST BE FILLED ON BOTH SIDES OF THE FORM AS EVENLY AS POSSIBLE. 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.



TEE - INTERSECTION FINISHED PLAN VIEW  
ELL - INTERSECTION FINISHED PLAN VIEW



**EconoDrain® Series #6**  
TEE & ELL INTERSECTION KITS  
SCALE 1:20