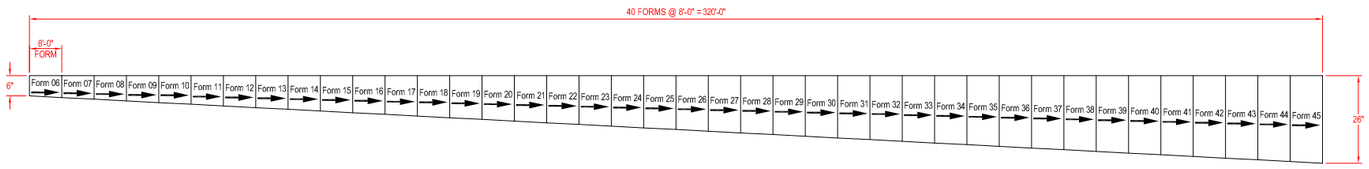
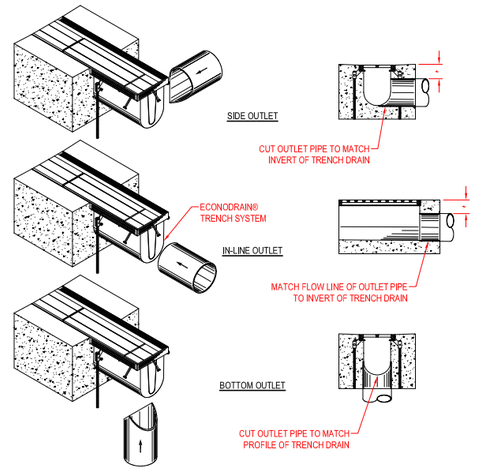


EconoDrain® Series #8
STANDARD EPS FORMS

	EPS FORM	DEPTH MIN	DEPTH MAX	FLOW GPM
SHALLOW EPS FORMS	06	6"	6 1/2"	281
	07	6 1/2"	7"	325
	08	7"	7 1/2"	370
	09	7 1/2"	8"	415
	10	8"	8 1/2"	461
	11	8 1/2"	9"	507
	12	9"	9 1/2"	554
	13	9 1/2"	10"	601
	14	10"	10 1/2"	648
	15	10 1/2"	11"	695
	16	11"	11 1/2"	742
	17	11 1/2"	12"	790
	18	12"	12 1/2"	838
	19	12 1/2"	13"	886
	20	13"	13 1/2"	934
	21	13 1/2"	14"	982
	22	14"	14 1/2"	1030
	23	14 1/2"	15"	1078
DEEP EPS FORMS	24	15"	15 1/2"	1126
	25	15 1/2"	16"	1175
	26	16"	16 1/2"	1223
	27	16 1/2"	17"	1272
	28	17"	17 1/2"	1320
	29	17 1/2"	18"	1369
	30	18"	18 1/2"	1418
	31	18 1/2"	19"	1466
	32	19"	19 1/2"	1515
	33	19 1/2"	20"	1564
	34	20"	20 1/2"	1613
	35	20 1/2"	21"	1662
	36	21"	21 1/2"	1710
	37	21 1/2"	22"	1759
	38	22"	22 1/2"	1808
	39	22 1/2"	23"	1857
	40	23"	23 1/2"	1906
	41	23 1/2"	24"	1955
	42	24"	24 1/2"	2004
	43	24 1/2"	25"	2053
	44	25"	25 1/2"	2102
	45	25 1/2"	26"	2151

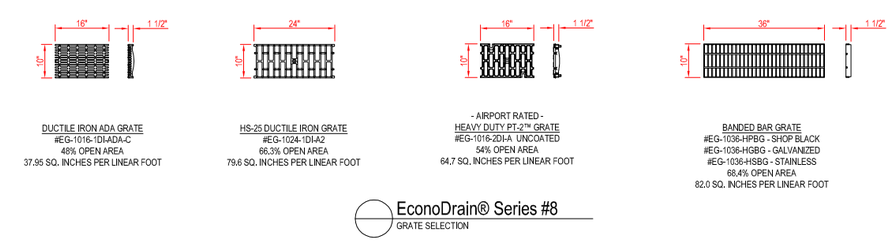
EPS FORM CHART



EconoDrain® Series #8
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 *).
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



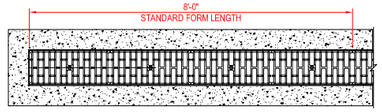
DUCTILE IRON ADA GRATE
#EG-1016-DI-ADA-C
48% OPEN AREA
37.95 SQ. INCHES PER LINEAR FOOT

HS-25 DUCTILE IRON GRATE
#EG-1024-DI-A2
66.3% OPEN AREA
79.6 SQ. INCHES PER LINEAR FOOT

- AIRPORT RATED -
HEAVY DUTY PT-2™ GRATE
#EG-1016-ZDI-A UNCOATED
54% OPEN AREA
64.7 SQ. INCHES PER LINEAR FOOT

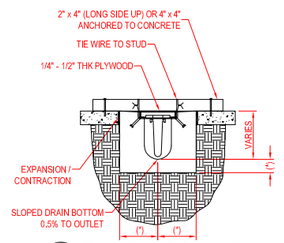
BANDED BAR GRATE
#EG-1036-HPBG - SHOP BLACK
#EG-1036-HGBG - GALVANIZED
#EG-1036-HSBG - STAINLESS
68.4% OPEN AREA
82.0 SQ. INCHES PER LINEAR FOOT

EconoDrain® Series #8
GRATE SELECTION



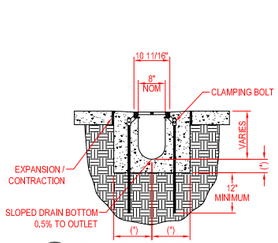
EconoDrain® Series #8
FINISHED PLAN VIEW

EconoDrain® Series #8
GRATE LOCKING DEVICE INSTALLATION



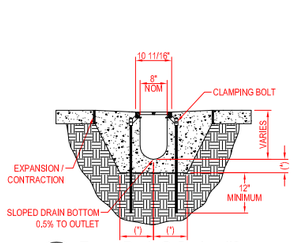
EconoDrain® Series #8
SUSPENDING FORMERS FROM EXISTING SLAB

NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED
2. SPECIFY REQUIRED DIMENSIONS (LABELED WITH *) USING 6" EACH SIDE OF STEEL FRAME OR RAIL 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%



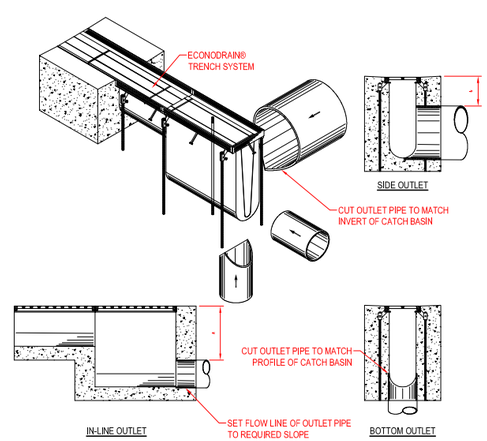
EconoDrain® Series #8
SAWCUT EXISTING SLAB INSTALLATION DETAIL

NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED
2. SPECIFY REQUIRED DIMENSIONS (LABELED WITH *) USING 6" EACH SIDE OF STEEL FRAME OR RAIL 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 #8
MONOLITHIC POUR INSTALLATION DETAIL

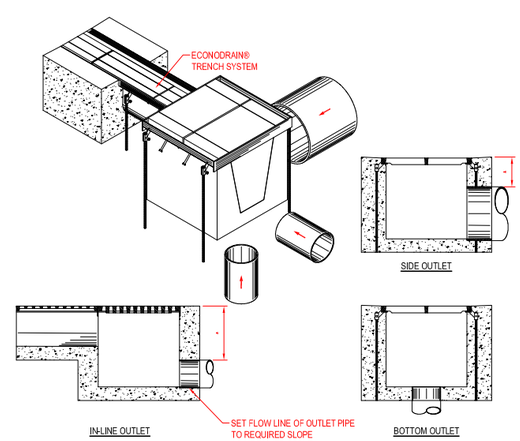
NOTES TO THE SPECIFIER:
1. ADD REBAR AS REQUIRED
2. SPECIFY REQUIRED DIMENSIONS (LABELED WITH *) USING 6" EACH SIDE OF STEEL FRAME OR RAIL AND BELOW EPS FORM AS A RECOMMENDED MINIMUM
3. SHOW TOP OF GRATE ELEVATION IN PLAN VIEW
4. EXPANSION / CONTRACTION JOINT PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES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



EconoDrain® Series #8
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 *).
4. FINAL CONCRETE THICKNESS PER LOCAL ENGINEERING REGULATIONS AND GUIDELINES.

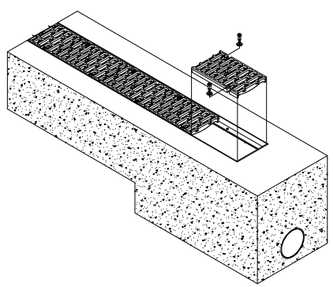
CONSTRUCTION NOTES:
1. INSTALLATION TO BE COMPLETED IN ACCORDANCE WITH MANUFACTURERS SPECIFICATIONS.
2. SECURE OUTLET PIPE PRIOR TO CONCRETING OPERATIONS.
3. FOR ILLUSTRATION ONLY - DO NOT SCALE



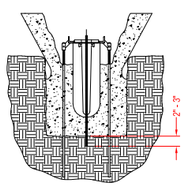
EconoDrain® Series #8
OUTLET FROM CATCH BASIN

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 *).
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 #8
HEAVY DUTY PT-2™ GRATE INSTALLATION



EconoDrain® Series #8
INSTALLING FORMERS IN DEEPER PORTION OF SYSTEM

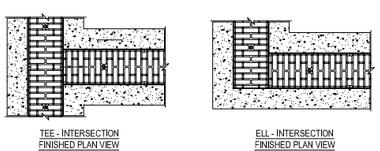
HOLES ARE PROVIDED THROUGH THE CENTER OF THE DEEPER EPS FORMS FOR INSERTION OF REBAR. THESE HOLES MAINTAIN VERTICAL ALIGNMENT DURING INITIAL CONCRETE PLACEMENT.

THE REBAR IS DRIVEN ONLY A FEW INCHES INTO THE GROUND OR SUB-BASE.

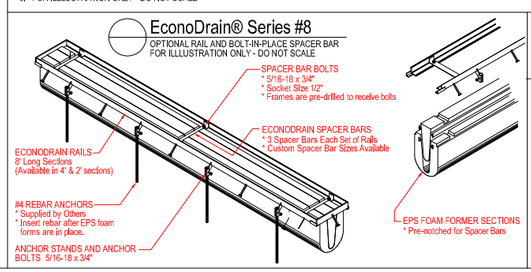
CONCRETE MUST BE FILLED ON BOTH SIDES OF THE FORM AS EVENLY AS POSSIBLE. MULTIPLE PASSES ON EITHER SIDE ARE PREFERABLE WHILE AVOIDING FILLING THE TRENCH FROM ONE SIDE.

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 #8
TEE & ELL INTERSECTION KITS



EconoDrain® Series #8
OPTIONAL RAIL AND BOLT-IN-PLACE SPACER BAR FOR ILLUSTRATION ONLY - DO NOT SCALE

GENERAL NOTES:
1. ALL DIMENSIONS SHOWN ARE NOMINAL.
2. THIS SYSTEM AVAILABLE WITH PRE-WELDED GRATE FRAMES (STANDARD) OR RAILS WITH OPTIONAL BOLT-IN PLACE SPACER BARS.

EconoDrain® Series #8
ENGINEERING / CONSTRUCTION DETAIL TEMPLATE
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File Name: ED08-DETAILS-16a