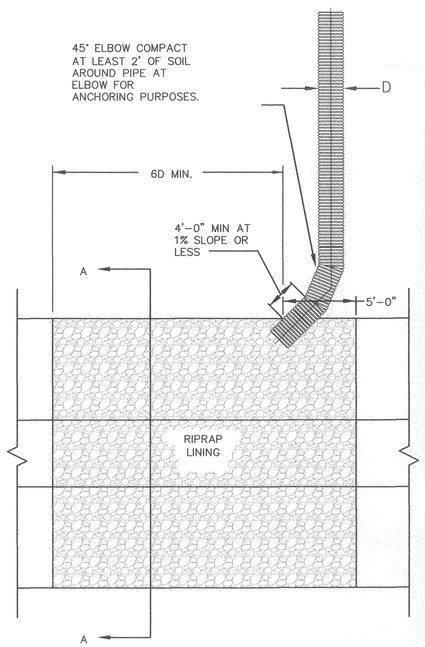
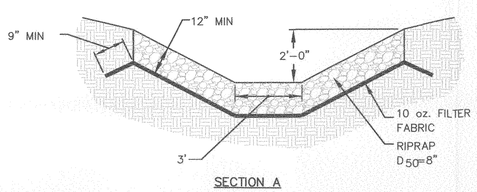
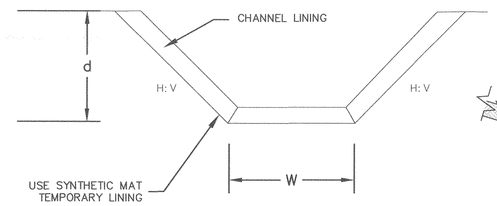




1/10|12 SLOPE DRAINS
N.T.S.

SLOPE DRAIN SCHEDULE

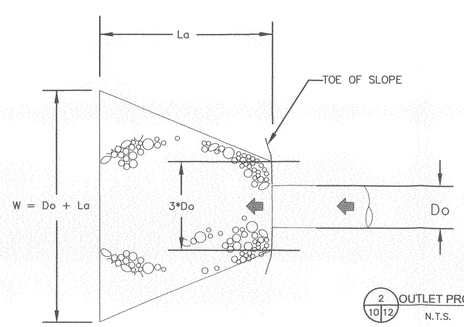
DRAIN	MIN. DIAMETER	RECOMMENDED DIAMETER (D)	LENGTH
SD–1	6.2"	12.0"	87'
SD–2A	4.0"	12.0"	87'
SD–2B	6.6"	12.0"	102'
SD–3A	5.7"	12.0"	87'
SD–3B	8.2"	12.0"	89'
SD–3C	10.1"	12.0"	48'
SD–4A	3.3"	12.0"	87'
SD–4B	5.3"	12.0"	71'
SD–5A	4.1"	12.0"	87'
SD–5B	6.2"	12.0"	87'
SD–5C	8.3"	12.0"	75'
SD–6	4.4"	12.0"	90'
SD–7A	5.8"	12.0"	87'
SD–7B	9.0"	12.0"	89'
SD–7C	10.7"	12.0"	75'
SD–8A	3.3"	12.0"	87'
SD–8B	7.2"	12.0"	88'
SD–8C	9.4"	12.0"	68'
SD–9A	4.9"	12.0"	87'
SD–9B	7.3"	12.0"	97'
SD–10A	3.9"	12.0"	87'
SD–10B	6.5"	12.0"	82'
SD–11A	5.3"	12.0"	90'
SD–11B	7.9"	12.0"	70'



CHANNEL SCHEDULE

SECTION	DEPTH (d)	BOTTOM WIDTH (W)	SLOPE (H:V)	CHANNEL LINING
SCC–1A	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–1B	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–1C	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–1D	2'	3.0'	2:1	RIP RAP (d50 8"), 10 oz. FILTER FABRIC BELOW
SCC–2	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–3	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–4A	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–4B	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–4C	2'	3.0'	2:1	RIP RAP (d50 8"), 10 oz. FILTER FABRIC BELOW
SCC–4D	2'	3.0'	2:1	GRASS, W/ TEMP. LINING
SCC–4E	2'	3.0'	2:1	RIP RAP (d50 8"), 10 oz. FILTER FABRIC BELOW

5/10|12 STORMWATER CONVEYANCE CHANNEL (SCC)
N.T.S.



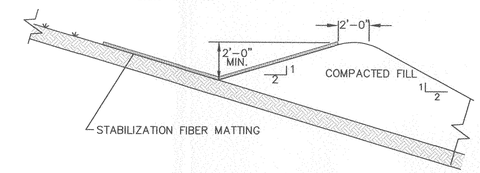
2/10|12 OUTLET PROTECTION
N.T.S.

OUTLET PROTECTION SCHEDULE

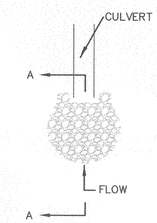
OUTLET	Do (IN)	La (FT)	d_{50} (IN)
OP–1	12"	12'	8.0"
OP–2	36"	20'	8.0"
OP–3	24"	18'	8.0"

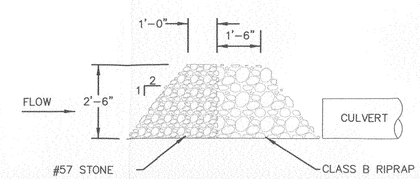
NOTES:
1. APRON THICKNESS = 18" MIN.
2. INSTALL FILTER FABRIC BETWEEN THE RIPRAP AND THE SOIL FOUNDATION.

NOTE
1. SLOPE IN FLOW DIRECTION VARIES BETWEEN 0.5% AND 2.0%



DIVERSION BERM ON LANDFILL CAP DETAIL
N.T.S.
4/10|12





SECTION 'A–A'

3/10|12 INLET PROTECTION
N.T.S.

DATE	REVISIONS AND RECORD OF ISSUE	NO	BY	CK	APP

NORTH CAROLINA PROFESSIONAL SEAL 27446 EVAN E. HANNAH ENGINEER

DESIGNED SC
DRAWN CADD/RFB
CHECKED EA
APPROVED EA
DATE 03/30/06

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JOYCE ENGINEERING, INC.
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PHONE: (336) 323-0092

COBLE'S SANDROCK, INC.
KIMESVILLE, NORTH CAROLINA

PROJECT DETAILS

PROJECT NO. 419.20

SCALE NTS

DRAWING NO. 12

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