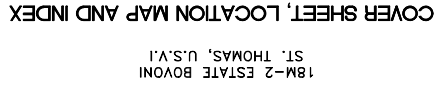


CHARLOTTE AMALIE, ST. THOMAS, U.S.V.I.

REFERENCE DRAWINGS



Axis Development Group, LLC
9010 ESTATE COTTAGE, SUITE 2
CHRISTIANSTEDT, U.S.V.I. 00820
PH. (340) 713-1100
Email: info@axisdev.com

	BY	DATE
DSGN	ROC	3/21
DRAWN	ROC	3/21
CHK'D	ROC	3/21
APPR.	ROC	3/21

PROJECT NO.

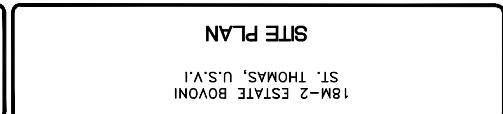
SCALE

C-1

SHEET 1 OF 12

DRAWING INDEX



[illegible]

	BY	DATE
DESIGN	RCC	3/21
DRAWN	RCC	3/21
CHECK'D	RCC	3/21
APPR.	RCC	3/21

PROJECT NO.

SCALE

C-2

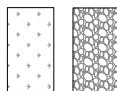
SHEET 2 OF 12

1. STRIP ALL TOP SOIL IN CONSTRUCTION AREA AND STOCKPILE.
2. TREES SHALL BE RETAINED AND PROTECTED DURING CONSTRUCTION WHENEVER POSSIBLE.
3. ALL EXCESS MATERIAL SHALL BE GRADED EVENLY THROUGHOUT CONSTRUCTION AREA.
4. TOPSOIL SHALL BE GRADED EVENLY THROUGHOUT CONSTRUCTION AREA.
5. SEED PLOT WITH 1 LB BERMUDA GRASS SEEDS AT RATE OF 1 LB PER 100 SQ. FT.
6. FERTILIZE GRASS WITH AMMONIUM SULFATE AT 1 LB PER 1000 SQ. FT.
7. GRASS SHALL BE PLANTED ON ALL CUT AND FILL SLOPES.
8. BRUSH BERM ALONG EDGE OF CONSTRUCTION AREA TO PREVENT EROSION.
9. SOIL TYPE USE.

ZONING DISTRICT 12

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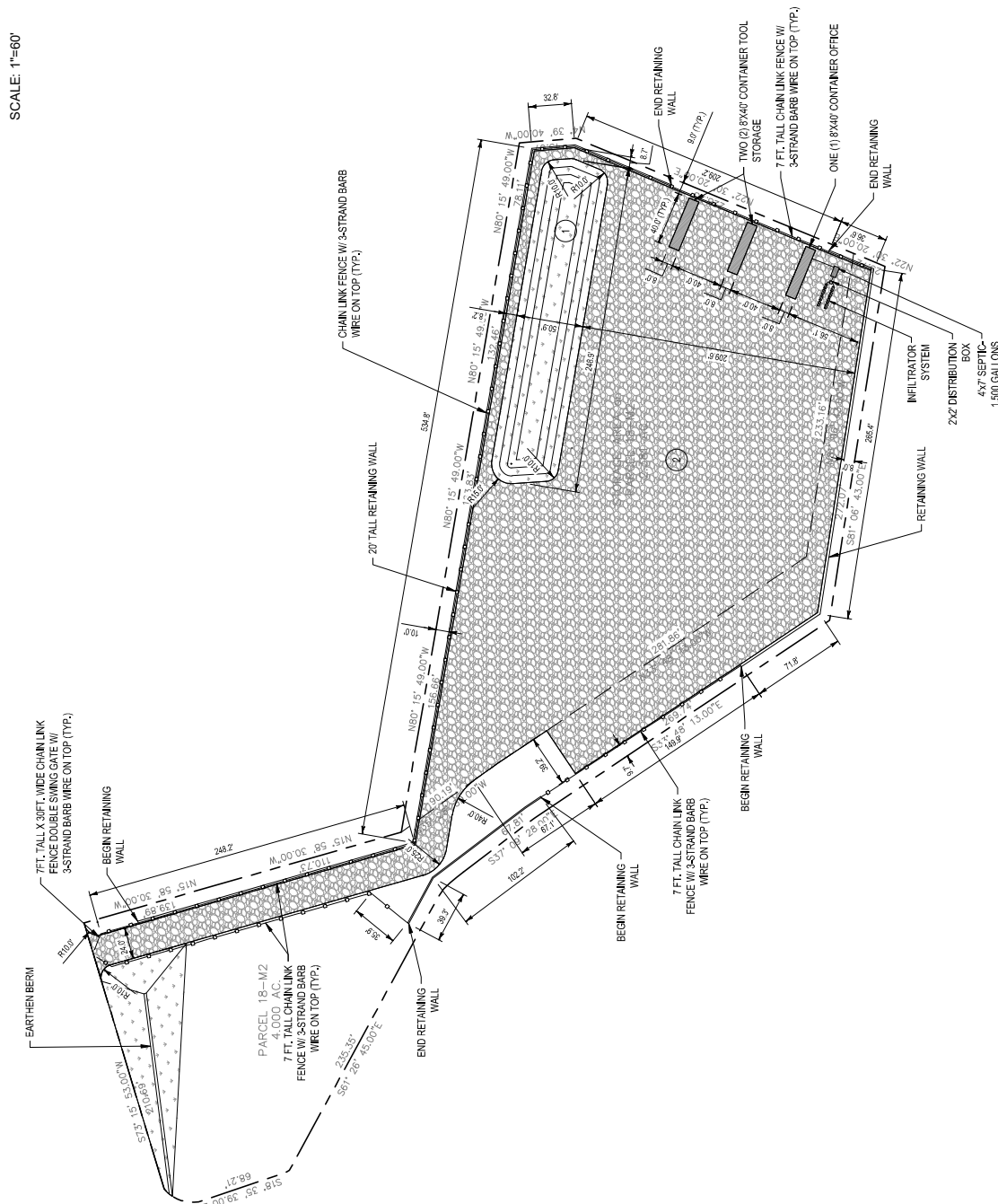
PROPERTY/RIGHT-OF-WAY LINE
ACCESS EASEMENT



HYDRO-SEED (68.603 SF.)

WASH-ROCK GRAVEL GROUND COVER
(4" THICK) (82,103 SF.)

- 1 - 0.73 AC-FT RETENTION POND (SEE DRAINAGE PLAN FOR DETAILS)
- 2 - LAY-DOWN AREA (82,103 SF.)



DATE	REVISIONS	REVISED	CHECKED



GRADING AND DRAINAGE PLAN

18M-2 ESTATE BOYONI
ST. THOMAS, U.S.V.I.

CZM PERMIT PLANS

Axis Development Group, LLC
9010 ESTATE COTTAGE, SUITE 2
CHRISTIANSTEDT, U.S.V.I. 00820
PH. (340) 713-1100
Email: info@axiadevelopment.com

BY	DATE
ROG	3/21
ROG	3/21
ROG	3/21
ROG	3/21

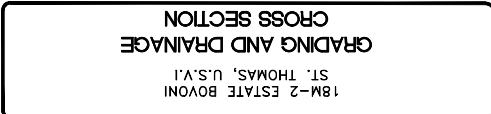
PROJECT NO.

SCALE

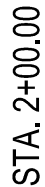
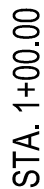
C-3

SHEET 3 OF 12



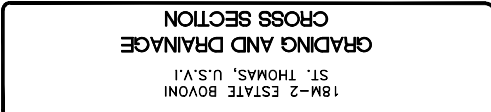
[illegible]

CZM P

1

LEGEND

	- CUT AREA
	- FILL AREA

[illegible]

WZO

DATE	3/21
BY	ROC
DESIGN	ROC
DRAWN	ROC
CHECK'D	ROC
APPR.	ROC
PROJECT NO.	
SCALE	
C-5	
SHEET 5 OF 12	



LEGEND

■ CUT AREA

■ FILL AREA

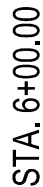
	BY	DATE
DESIGN	RCC	3/21
DRAWN	RCC	3/21
CHECK'D	RCC	3/21
APPR.	RCC	3/21

PROJECT NO.

SCALE

C-6

SHEET 6 OF 12



[illegible]

18M-2 ESTATE BOVONI
ST. THOMAS, U.S.V.I.
GRADING AND DRAINAGE
CROSS SECTION

Axis Development Group, LLC
9010 ESTATE COTTAGE, SUITE 2
CHRISTIANSTED, U.S.V.I. 00820
PH: (340) 713-1100
Email: info@devgroup.vi

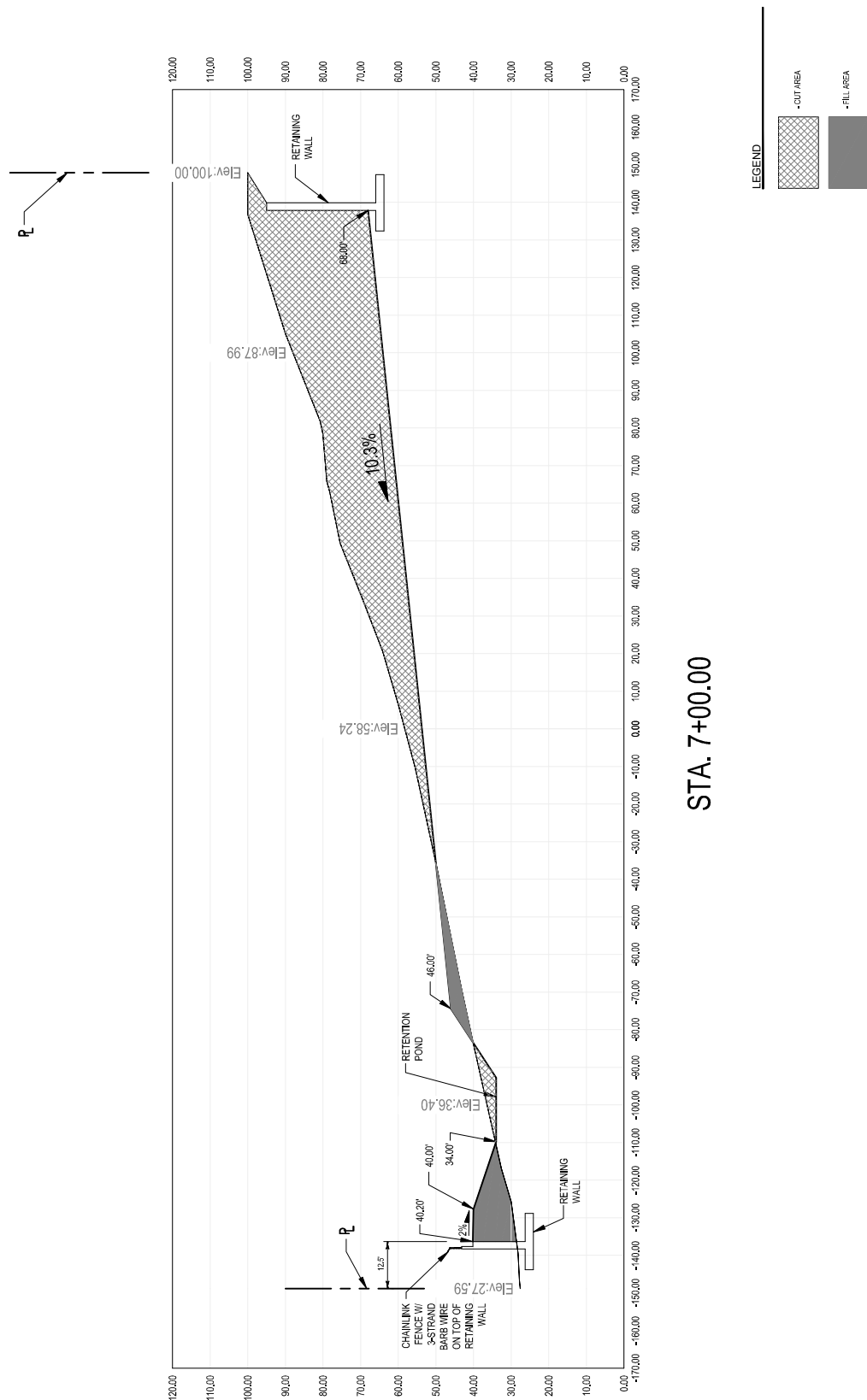
	BY	DATE
	DSGN	3/21
	DRAWN	3/21
	CHK'D	3/21
	APPR.	3/21

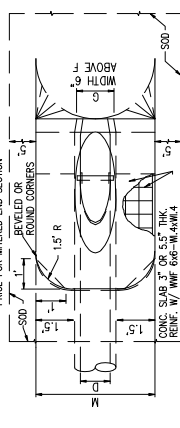
PROJECT NO.

SCALE

C-7

SHEET 7 OF 12





PLAN

The plan view shows a rectangular box with the following dimensions and offsets:

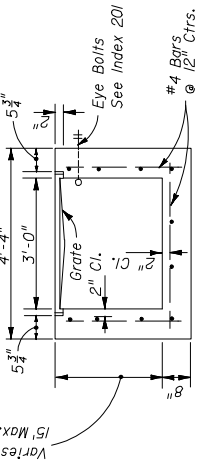
- Overall width: $4' - 4''$
- Overall height: $5' - 10''$
- Internal width offset: $2\frac{1}{4}''$ (on both sides)
- Internal height offset: $2\frac{1}{4}''$ (on both sides)
- Internal width: $3' - 0''$
- Internal height: $4' - 6''$
- Corner offsets: $8''$ (on all four sides)

2 TYPE "E" INLET
N.T.S.

[illegible]

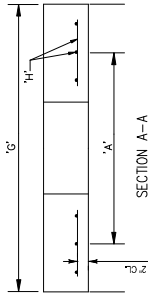
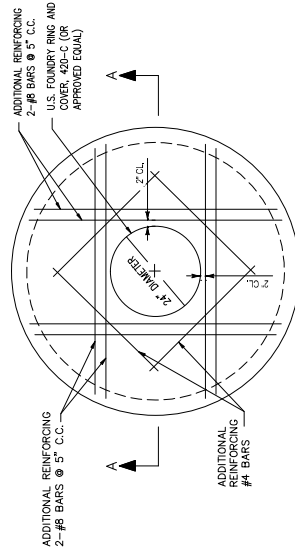
* SLOPE- 4:1 MITER - TO C PIPE FOR PIPES 18" AND SMALLER
2:1 FOR PIPES 24" AND LARGER
2:1 MITER - TO C PIPE FOR PIPES 18" AND SMALLER
1:1 FOR PIPES 24" AND LARGER

3 PRECAST CONCRETE MANHOLE TOP SLAB
N.T.S.

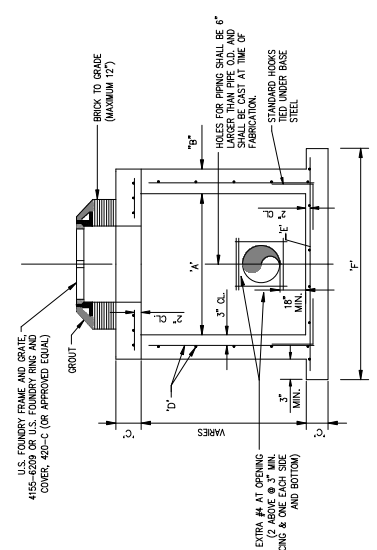


TYPE E
Recommended Maximum
3'-0" Wall-24"
4'-6" Wall-36"

2 TYPE "E" INLET
N.T.S.



"A"	"C"	"G"	"H"
4'-0"	8"	5'-4"	# 4 @ 6" C.C.E.W.
5'-0"	8"	6'-4"	# 4 @ 6" C.C.E.W.
6'-0"	10"	7'-4"	# 5 @ 6" C.C.E.W.
7'-0"	10"	8'-4"	# 5 @ 6" C.C.E.W.
8'-0"	10"	9'-8"	# 5 @ 6" C.C.E.W.
10'-0"	12"	11'-8"	# 6 @ 5" C.C.E.W.

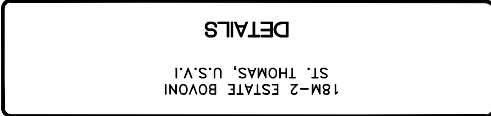


CONCRETE=4000 PSI @ 28 DAYS, TYPE II CEMENT

TYPE	"A"	"B"	"C"	"D"	"E"	"F"
C-4	4'-0"	8'	8'	4 @ 12" C.C.W.	4 @ 12" C.C.W.	6'-4"
C-5	5'-0"	8'	8'	4 @ 12" C.C.W.	4 @ 12" C.C.W.	7'-4"
C-6	6'-0"	8'	10'	6 @ 12" C.C.W.	4 @ 6" C.C.W.	8'-4"
C-7	7'-0"	8'	10'	6 @ 12" C.C.W.	4 @ 6" C.C.W.	9'-4"
C-8	8'-0"	10'	10'	5 @ 12" C.C.W.	4 @ 6" C.C.W.	10'-8"
				5 @ 6" C.C.W.		

4 PRECAST CONCRETE MANHOLE
N.T.S.

REFERENCE DRAWINGS



	BY	DATE
DSGN	ROC	3/21
DRAWN	ROC	3/21
CHK'D	ROC	3/21
APPR.	ROC	3/21
PROJECT NO.		
SCALE		
C-10		
SHEET 10 OF 12		

RETAINING WALL DETAIL (25FT. MAX. HIGH)

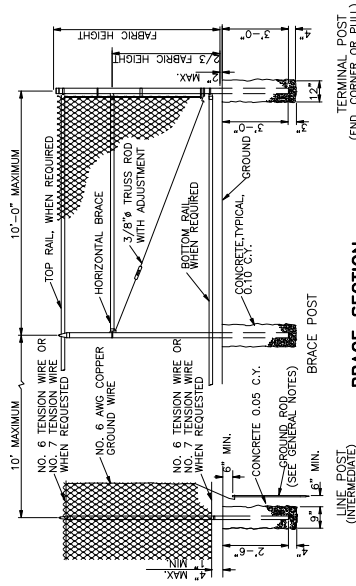
✱ TO BE USED ONLY IF ALUMINUM ALLOY FABRIC IS SPECIFIED ON THE CONTRACT PLANS

* SEE FAA SPEC. E-162 FOR DETAILS TO BE USED ONLY WITH ALUMINUM FENCE

WHEN BARBED WIRE TOP IS SPECIFIED, THE GATE FRAME END MEMBERS SHALL BE EXTENDED 12" MINIMUM ABOVE TOP HORIZONTAL MEMBER TO ATTACH THREE UNIFORMLY SPACED WIRES, SPACE ADDITIONAL SUPPORTS AT 8" MAXIMUM.

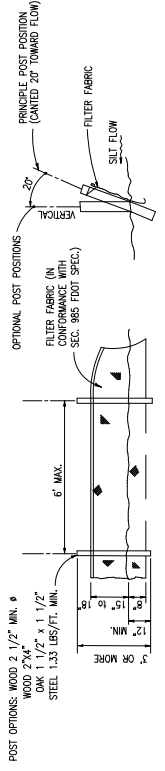
CHAIN LINK FENCE MEMBERS DIMENSIONS & WEIGHTS (FED. SPEC. RR-F-0019)				
DESCRIPTION	STEEL FRAME		ALUMINUM FRAME	
	SECTION OUTSIDE DIMENSIONS (INCHES)	WEIGHT (LBS./FT.)	OUTSIDE DIMENSIONS (INCHES)	WEIGHT (LBS./FT.)
CONNER BRACE END & ROLL POSTS	□	3.375	3.66	3.975
FABRIC HEIGHTS 6' & LESS	□	2.00	3.65	2.50
FABRIC HEIGHTS OVER 6'	□	2.875	5.79	2.875
FABRIC HEIGHTS OVER 6'	□	2.50	5.70	3.00
ALL HEIGHTS	ROLL FORM	3.5 x 3.5	5.10	—
GATE POSTS	○	2.875	5.79	2.875
GATE LEAF WIDTH 6' AND LESS	ROLL FORM	3.5 x 3.5	5.70	3.00
GATE LEAF WIDTH OVER 6' THRU 13'	○	4.00	9.10	4.00
GATE LEAF WIDTH OVER 13' THRU 18'	○	6.625	18.97	6.625
GATE LEAF WIDTH OVER 18' THRU 23'	○	8.625	24.70	8.625
FABRIC HEIGHTS 6' & LESS	○	1.90	2.72	1.90
FABRIC HEIGHTS OVER 6'	○	2.375	3.65	2.375
FABRIC HEIGHTS 6' AND LESS	ROLL FORM	3.5 x 3.5	5.10	1.85
FABRIC HEIGHTS OVER 6'	○	2.25+1.95	2.70	2.25+1.95
FABRIC HEIGHTS OVER 6'	○	1.665	2.70	1.665
RAILS & BRACES	ROLL FORM	4.625+2.250	1.35	0.786

CHAIN LINK FENCE, CLASS E, FAA SPEC. F-162



BRACE SECTION

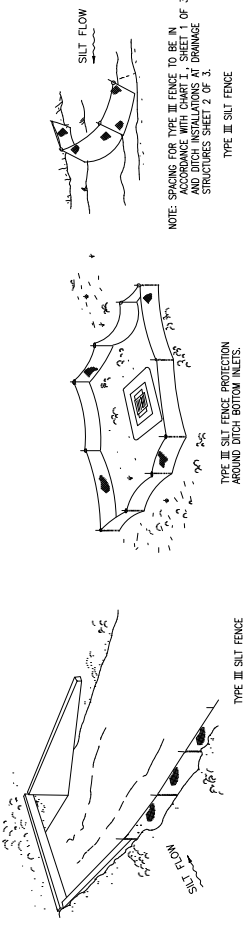
TERMINAL POST
(END, CORNER OR PULL)



ELEVATION

NOTE: SILT FENCE TO BE PAID FOR UNDER THE CONTRACT UNIT PRICE FOR SINKED SILT FENCE (LF).

TYPE III SILT FENCE

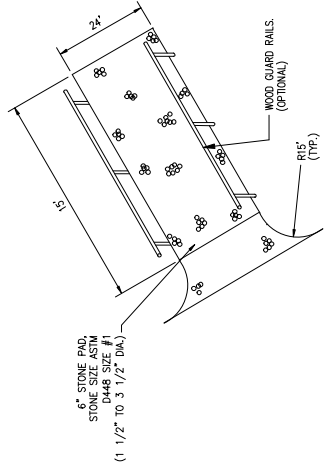


DO NOT DEPLOY IN A MANNER THAT SILT FENCES WILL ACT AS A DAM ACROSS PERMANENT FLOWING WATERCOURSES. SILT FENCES ARE TO BE USED AT OFF-ROAD LOCATIONS AND TURBIDITY BARRIERS USED AT PERMANENT BODIES OF WATER.

SILT FENCE APPLICATIONS

TYPE III SILT FENCE
AS PER FOOT STANDARD INDEX #102

DETAIL SCALE 1 C-12



DETAIL SCALE 2 C-12