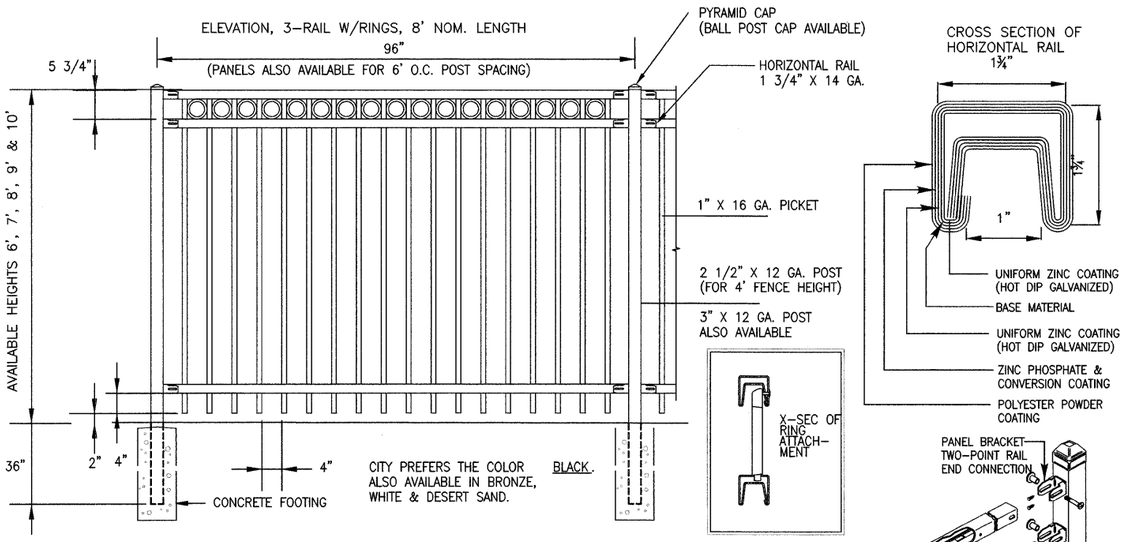
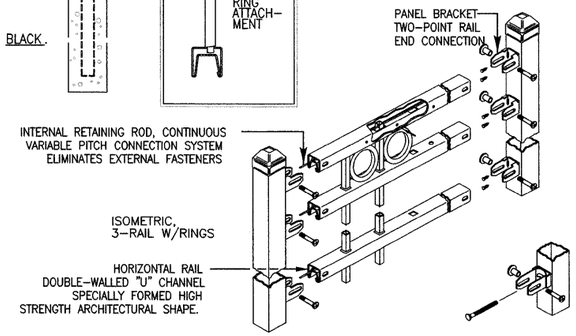


Post Selec tion for Fence Height 6'-10'				
Wind Loading				
Fence Height (FT)	Rail Length (FT)	Post Size	Wind Load Capacity Factor (PSF)	Typical Wind Load capacity (MPH)
6	6	2 1/2" x 12 GA.	45.5	133.0
		3" x 12 GA.	54.6	146.0
	8	2 1/2" x 12 GA.	34.2	116.0
		3" x 12 GA.	41.0	127.0
7	6	2 1/2" x 12 GA.	33.4	114.0
		3" x 12 GA.	40.0	125.0
	8	2 1/2" x 12 GA.	25.0	99.0
		3" x 12 GA.	30.0	108.0
8	6	2 1/2" x 12 GA.	25.6	100.0
		3" x 12 GA.	30.7	110.0
	8	2 1/2" x 12 GA.	19.2	87.0
		3" x 12 GA.	23.0	95.0
		4" x 12 GA.	30.6	110.0
9	6	4" x 12 GA.	32.0	113.0
10	6	4" x 12 GA.	28.7	107.0

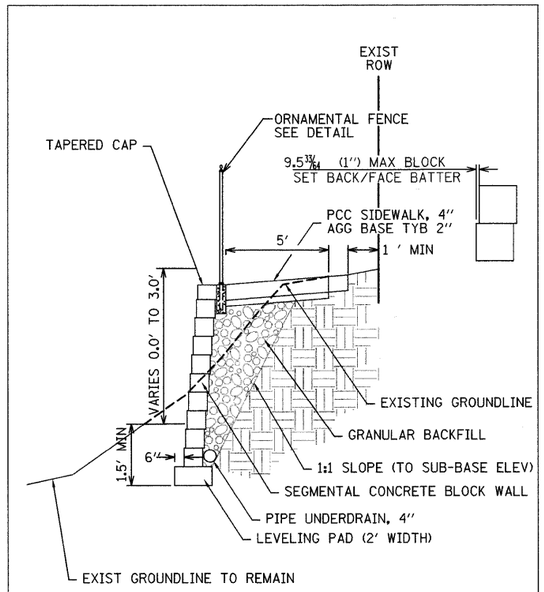


GATES: SPECIFY OPENING WIDTHS
SINGLE _____ QUANTITY____
DOUBLE _____ QUANTITY____

REVISIONS	DATE

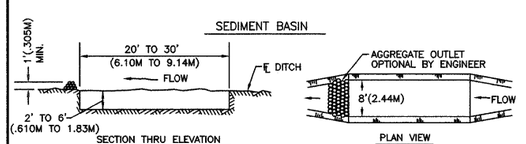
6' ORNAMENTAL FENCE

(Not to Scale)



REVISIONS	DATE

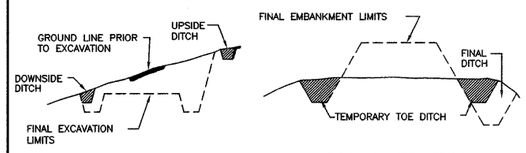
SEGMENTAL CONCRETE
BLOCK WALL
SECTION DETAIL



THE PERFORMANCE OF THE BASIN WILL IMPROVE IF PUT INTO A SERIES.

THE LONG DIMENSION SHOULD BE PARALLEL WITH THE DIRECTION OF THE FLOW. ACCUMULATED SILT SHALL BE REMOVED ANYTIME THE BASINS BECOME 75% FILLED.

TEMPORARY DITHCHES FOR CUT AND FILL SECTIONS

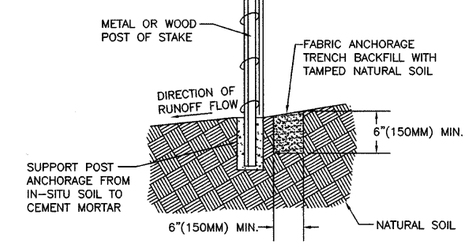


TEMPORARY DITCHES OR THE FINAL DITCH GRADES INCLUDED IN THE PLANS SHALL BE EXCAVARED AT THE EARLIEST OPPORTUNITY DURING CONSTRUCTION IN ORDER TO CONTROL RUNOFF FROM THE EMBANKMENT OR CUT SECTION PER ARTICLE 202.05 OF THE STANDARD SPECIFICATIONS. SOME MEANS OF TRAPPING SILTATION SHOULD BE PROVIDED AT THE OUTFLOW OF THESE DITCH SYSTEMS.

NOTES:

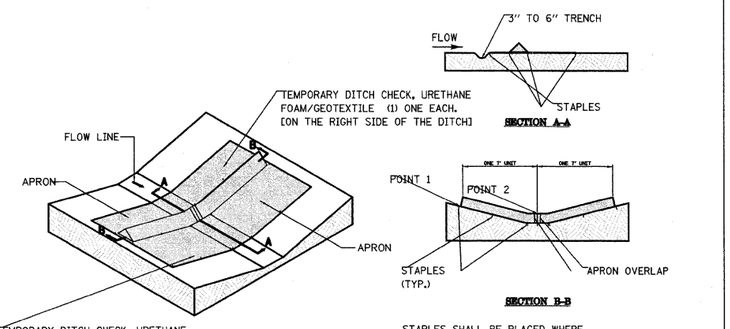
1. ACTUAL CONFIGURATION AND LOCATION OF TEMPORARY EROSION CONTROL SYSTEMS SHALL BE SHOWN ON THE PLANS OR AS DIRECTED BY THE ENGINEER.
2. DITCH CHECKS AND SEDIMENT BASINS SHOULD BE CONSTRUCTED AT APPROPRIATE INTERVALS ALONG THE WATERWAY TO BE EFFECTIVE.
3. WHERE MORE THAN ONE ROW OF BALES USED, STAGGER BALES TO COVER JOINTS.
4. WHERE BALES ARE SHOWN STAKED, A MINIMUM OF TWO PER BALE SHALL BE USED.
5. THE TEMPORARY EROSION CONTROL SYSTEMS INSTALLED BY THE CONTRACTOR SHALL BE PROPERLY MAINTAINED AS DIRECTED BY THE ENGINEER TO CONTROL SILTATION AT ALL TIMES DURING THE LIFE OF THE CONTRACT.

Title: TEMPORARY EROSION CONTROL SYSTEMS	CITY OF NAPERVILLE STANDARD DETAIL		
Approved By:	DATE: 9/23/98	REV:	Detail: MISC 5
	SCALE: NTS		



NOTE:

DEPENDING UPON THE CONFIGURATION, ATTACH FABRIC TO WIRE MESH WITH HOG RINGS, STEEL POST WITH TIE WIRES, WOOD POST WITH NAILS



STAPLES SHALL BE PLACED WHERE THE UNITS OVERLAP AND IN THE CENTER OF THE 7' UNIT AS SHOWN ON THE DIAGRAM.

POINT 1 MUST BE HIGHER THAN POINT 2 TO INSURE THAT WATER FLOWS OVER THE DIKE AND NOT AROUND THE ENDS.

NOTE:
THE INSTALLATION SHOWN ABOVE WILL BE MEASURED AS TWO (2) EACH TEMPORARY DITCH CHECK, URETHANE FOAM/GEOTEXTILE.

SCALE: 1" = 5'

REVISIONS	DATE

LakeCounty Division of Transportation

APPROVED BY: M. G. ZEMAITIS
DATE: APRIL 1, 2007

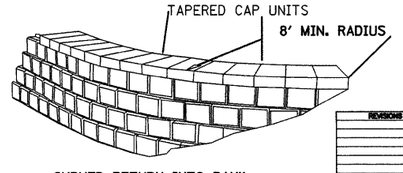
TRIANGULAR SILT DIKE INSTALLATION FOR ROADWAY DITCH OR DRAINAGE DITCH

LC20000

1. BLOCK FACING IS SPLIT FACE
2. CAP UNITS TO BE APPLIED WITH ADHESIVE. APPLICATION RATE IS ONE 10.5 OZ TUBE PER 18 FEET OF CAP LENGTH.
3. PLACEMENT METHOD IS BY HAND
4. STACKING ALIGNMENT MAY BE EITHER BATTERED OR VERTICAL
5. MINIMUM FACE RADIUS IN CURVE = 8'
6. DESIGN NOTE: MAX HEIGHT GRAVITY ONLY = 5 FEET
7. RETAINING WALL BLOCKS MUST BE CERTIFIED BY IDOT'S QUALITY ASSURANCE/QUALITY CONTROL PROGRAM

SEGMENTAL CONCRETE BLOCK DETAILS

	FACE WIDTH	BACK WIDTH	HEIGHT	DEPTH	WEIGHT
STANDARD UNIT	8"	8"	6"	12"	45 LBS
TAPERED UNIT	8"	6⅞"	6"	12"	43 LBS
TAPERED CAP	8"	7"	3"	14"	22 LBS
RECTANGULAR CAP	24"	24"	3"	12"	68 LBS



REVISIONS	DATE

SEGMENTAL CONCRETE
BLOCK WALL DETAIL

Title: TYPICAL SILT FENCE CONSTRUCTION	CITY OF NAPERVILLE STANDARD DETAIL		
Approved By:	DATE: 9/29/98	REV:	Detail: MISC 6
	SCALE: NTS		

CIVILTECH
450 E. Devon Ave, Suite 300 - Itasca, Illinois 60143
Tel: 630.773.3900 - Fax: 630.773.3975
www.civiltechinc.com

DESIGNED	BLG	REVISED	-
DRAWN	BLG	REVISED	-
CHECKED	RTM	REVISED	-
DATE	8/13/2009	REVISED	-

CITY OF NAPERVILLE

CONSTRUCTION DETAILS
ILLINOIS ROUTE 59 SIDEWALK CONSTRUCTION

F.A.P. RTE.	SECTION	COUNTY	TOTAL SHEETS	SHEET NO.
338	07-00136-00-SW	WILL & DUPAGE	88	36
		CONTRACT NO. 63224		
FED. ROAD DIST. NO. 1	ILLINOIS			