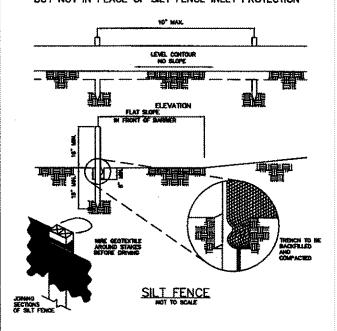
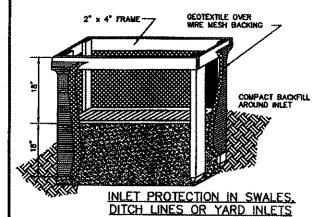
STRAW BALES MAY BE USED IN CONJUNCTION WITH BUT NOT IN PLACE OF SILT FENCE INLET PROTECTION



FABRIC PROPERTIES	YALUES	TEST METHOD
MINIMUM TENSILE STRENGTH	1 120 LBS. (3.35 N)	ASTM D 4832
MAXIMUM ELONGATIONAT BO LBS	50 X	ASTN D 4832
MINIMUM PUNCTURE STRENGTH	50 LBS. (220 N)	ASTN 0 4833
MINIMUM TEAR STRENGTH	140 LBS (180 N)	ASTN D 4533
APPARENT OPENING SIZE		ASTM D 4751
MINULUM PERMITTIVITY	1X10-2 SEC1	ASTU D 4491
UV EXPOSURE STRENGTH RETENTION		ASTM G 4355



1. INLET PROTECTION SHALL BE CONSTRUCTED EITHER BEFORE UPSLOPE LAND DISTURBANCE BEGINS OR BEFORE THE BILLT BECOMES FUNCTIONAL.

2. THE EARTH AROUND THE BILET SHALL BE EXCAVATED COMPLETELY TO A DEPTH AT LEAST 18 INCHES.

3. THE WOODEN FRAME SHALL BE CONSTRUCTED OF 2-BICH BY 4-BICH CONSTRUCTION GRADE LUMBER. THE 2-BICH BY 4-BICH POSTS SHALL BE DRIVEN ONE (1) FT. INTO THE GROUND AT FOR CORDINES OF THE BILET AND THE TOP PORTION OF 2-BICH BY 4-BICH FRAME ASSELBBLED USING THE OVERLAP JOINT SHOWN. THE TOP OF THE FRAME SHALL BAE AT LEAST 6 BICHES BELOW ADMICENT ROADS IF PONDED WATER WILL POSE A SAFETY HAZARD TO TRAFFIC.

NOTES BELOW ADJACENT ROADS IF PONDED WATER WILL POSE A SAFETY HAZARD TO TRAFFIC.

4. WIRE MESH SHALL BE OF SUFFICIENT STRENGTH TO SUFFORT FABRIC WITH WATER FULLY IMPOUNDED AGAINST IT. IT SHALL BE STRETCHED TROTUS AROUND THE FRAME AND FASTENED SECURELY TO THE FRAME.

5. GEOTESTILE MATERIAL SHALL HAVE AN EQUIVALENT OPENING SIZE OF 20-40 SEVE AND BE RESSTANT TO SUBJECTION IT SHALL ESTRETECHED TROTUS AROUND THE FRAME AND FASTENED SERCURELY. IT SHALL EXTEND FROM THE COPY OF THE FRAME TO 18 INCHES BELOW THE INITIES HALL EXTEND. THE CEDIEXTILE SHALL OVERLAP ACROSS ONE SIDE OF THE NILET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.

6. BACKFILL SHALL OVERLAP ACROSS ONE SIDE OF THE NILET SO THE ENDS OF THE CLOTH ARE NOT FASTENED TO THE SAME POST.

8. BACKFILL SHALL BE FLACED AROUND THE INLET IN COMPACTED 6—INCH LAYERS UNTIL THE EARTH IS EVEN WITH NOTCH ELEVATION ON ENDS AND TOP ELEVATION ON SIDES.

7. A COMPACTED EARTH DIKE OR CHECK DAM SHALL BE CONSTRUCTED IN THE DITCH LINE BELOW THE NILET IF THE INLET IS NOT IN A DEPRESSION. THE TOP OF THE FRAME.

Erosion and Sediment Notes

Ingress-Egress
A stone access drive for ingress and egress at the site shall be installed. This drive shall be the only entrance and exit to the site. The stone shall be underlain by geo-textile fabric. Silt Fence

All silt fence shall be installed prior to any earthwork activities at the site in the locations shown on the site plan as well as along the front of any lot that slopes towards the street. On sites where a perimeter of towards the street. On sites where a perimeter of temporary seeding (or pre-existing vegetation) cannot be maintained due to limited space, a camplete perimeter of silt fence shall be established.

Temporary Seeding/sail stabilization
Disturbed areas of the site that are to remain idle for more than twenty-one (21) days shall be seeded and are to remain the stabilization of the seeding of the stabilization of the stabilization of the seeding of the see

straw mulched (or similar) within seven (7) days of completion of initial grading; this includes soil stockpiles. Temporary seeding and mulching of a thirty (30) foot strip of the entire front side and any other down-gradient side of the lot shall be maintained on the

site once initial grading is complete.

Stabilization of critical areas within fifty (50) feet of any stream or wetland shall be complete within two (2) days of the disturbance if the site is to remain inactive for longer than faurteen (14) days.

Following completion of the construction activities, and the contractor leaving the site, the site soils must be fully stabilized by temporary seeding and/or mulching (or other acceptable process).

Mulching
Strow-mulch shall be applied at a rate of 1 bale per surements shall be applied at a rate of 1 bale per every ten (10) feet of curb, at a width of thirty (30) feet (or 1 ball/300 sq/ft). Wood chips may also be used but must be spread at a minimum depth of four inches over the thirty-foot width and must be accompanied by a properly installed silt fence.

1. SILT FENCE SHALL BE CONSTRUCTED BEFORE UPSLOPE LAND DISTURBANCE BEGINS.
2. ALL SILT FENCE SHALL BE PLACED AS CLOSE TO THE CONTOUR AS POSSIBLE SO THAT WATER WILL NOT CONCENTRATE AT LOW POINTS IN THE FENCE AND SO THAT SMALL SWALES OR DEPRESSIONS THAT MAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSIPATED ALONG ITS 3. DNOS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE ENDS.

4. SET FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.

4. SKT FENCE STALL BE PLACED ON THE FLATEST AREA AVALABLE.

5. WHERE POSSIBLE, VEGETATION SHALL BE PRESERVED FOR 5 FEET (OR AS MUCH AS POSSIBLE) UPSLOPE FROM THE SILT FENCE. IF VEGETATION IS REMOVED, IT SHALL BE REESTABLISHED WITHIN 7 DAYS FROM THE INSTALLATION OF THE SILT FENCE.

6. THE HEIGHT OF THE SILT FENCE SHALL BE A MEMBRUM OF 16 INCHES ABOUVE THE OPIGINAL GROUND SURFACE.

7. THE SILT FENCE SHALL BE PLACED IN AB A EXCAVABLED OR SUCCED TRENCH CUT A MINIMUM OF 8 INCHES DEEP, THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICKING MACHINE, OR OTHER SUITBALE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH.

6. THE SILT FENCE SHALL BE PLACED WITH THE STANES ON THE DOWNSHOPE SIDE OF THE GEOTEXTRE. A MINIMUM OF 8 INCHES OF GEOTEXTRE MUST BE BELOW THE GROUND SURFACE EXCESS MATERIAL SHALL LAY ON THE BOTTOM OF THE 8-INCH DEEP TRECH. THE TRENCH SHALL BE BACKFILED AND COMPACTED ON BOTH SIDES OF THE FABRIC.

9. SEAMS BETWEEN SECTIONS OF SILT FENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 8-INCH OVERLAP PRIOR TO DRIVING WITH THE GROUND.

IL SCAMS BETWEEN SCIUMS OF SELFFENCE SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM BE-INCH OVERLAP PRIOR TO DRIVING BITO THE GEODIES.

10.MANTENANCE-SELT FENCE SHALL ALLOW RUNOFF TO PASS OMLY AS DIFFUSE FLOW THROUGH THE GETOTEXTILE. IF RUNOFF OVERTOPS THE SELT FENCE, FLOWS UNDER THE FABRIC OR AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLOWS A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWING SHALL BE PERFORMED, AS APPROPRIATE. 1) THE LAYOUT OF THE SELT FENCE SHALL BE CHANGED, 2) ACCUMULATED SEDIMENT SHALL BE REMOVED, OR 3) OTHER PRACTICES SHALL BE INSTALLED.

SEDIMENT DEPOSITS SHALL BE ROUTINELY REMOVED WHEN THE DEPOSIT REACHES APPROXIMATELY ONE-HALF OF THE HEIGHT OF THE SILT FENCE.

SLT FENCES SHALL BE INSPECTED AFTER EACH RAINFALL AND AT LEAST DAILY DURING A PROLONGED RAINFALL. THE LOCATION OF EXISTING SILT FENCE SHALL BE REVIEWED DAILY TO ENSURE ITS PROPER LOCATION AND EFFECTIVENESS. IF DAMAGED, THE SLT FENCE SHALL BE REPAIRED IMMEDIATELY.

CRITERIA FOR SLT FENCE MATERIALS

1.FENCE POSTS—THE LENGTH SHALL BE A MINIMUM OF 32 INCHES. WOOD POSTS WILL BE 2-BY-2-BL MOMINAL DIMENSIONED HARDWOOD OF SOUND CHAITY. THEY SHALL BE FREE OF KNOTS, SPLITS AND OTHER VISIBLE IMPERFECTIONS. THAT MILL WEAKEN THE POSTS THE MAXIMUM SPACING BETWEEN POSTS SHALL BE IN FET. POSTS SHALL BE DRIVEN A MINIMUM 18 INCHES INTO THE GROUND, WHERE POSSBILE IF NOT POSSBILE, THE POSTS SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURNING OF THE FENCE DUE TO SEDMENT/MATER LOADING.

2. SILT FENCE FABRIC-SEE CHART

TEMPORARY SEEDING

SEEDING DATES	SPECIES	I.b./1,000 S.F.	LB/PER ACRE
MARCH 1 — AUGUST 15	OATS TALL PESCUE ANNUAL RYEORASS	3 1	128 (4 BUSHEL) 40 40
	PEREMINAL RYEGRASS TALL FESCUE ANNUAL RYEGRASS	1	40 40 40
	ANNUAL RYEGRASS PERENNIAL RYEGRASS CREEPING RED FESCUE KENTUCKY BLUEGRASS	1.25 3.25 0.4 0.4	55 142 17 17
·	CATS TALL FESCUE AMMUAL RYEORASS	3 1 1	126 (3 BUSHEL) 40 40
AUGUST 16 - NOVEMBER	RYE TALL FESCUE ANNUAL RYEGRASS	3	112 (2 BUSHEL) 40 40
	WHEAT TALL PESCUE AMMUAL RYEGRASS	3 1 1	120 (2 BUSHEL) 40 40
	PERENNIAL RYEGRASS TALL FESCUE ANNUAL RYEGRASS	1	40 40 40
	AMBUAL RYEGRASS PERENMIAL RYEGRASS CHEEPING RED FESCUE KENTUCKY BLUEGRASS	1.25 3.25 0.4 0.4	40 40 40
NOVEMBER 1 - FEB. 20	USE MULCH ONLY OR DO	RMANT SEEDING.	

I. STRUCTURAL EROSION AND SEDMENT CONTROL PRACTICES SUCH AS DIFFERENTS AND SEDMENT TRAPS SHALL BE INSTALLED AND STRUCTED WITH TEMPORARY SEDIMG PRIOR TO GRADON THE REST OF THE CONSTRUCTION STE.

2 TEMPORARY SED SHALL BE APPLED BETTIERN CONSTRUCTION OFFERATIONS ON SOLL THAT HILL HOT BE GRADED OR REMORKED FOR 21 DAYS OR GREATER. THESE BLE AREAS SHALL BE SEDIED WITHIN 7 DAYS AFTER GRADING.

3. THE SEDIEGD SHOULD BE PULLERICED AND LOOSE TO BASIME THE SUCCESS OF ESTABLISHING WESTFARDS HEMPORARY SEDIMG SHOULD NOT BE POSTPONED TO BASIME THE SUCCESS OF ESTABLISHING WESTFARDS THE SEDIMG ARTES SHALL STARLISH AGEOLATE STANDS OF MISSERATION IS NOT POSSIBLE 4. SOIL AMENDMENTS—TEMPORARY WESTFARDS SEDDING RATES SHALL STARLISH AGEOLATE STANDS OF MISSERATION HIND MAY REQUIRE THE USE OF SOIL AMENDMENTS. BASE RATES FOR LIME AND FERTILIZER SHALL SEDDING METHOD—SEED SHALL BE APPLED UNIFORMLY WITH A CYCLORE SPREADER, DRILL CLEPHORER SEDDER, OR HYDROSELDER, WHICH PERSUEL SEDDING ARTHOUGH SHOULD USED AND FERTILIZER SHALL BE CONFIDED A ROLLED OR GRADING AND THEN LIGHTLY TAMPED INTO PLACE USING A ROLLED OR CLUBED ON-SITE AND THE SEEDING SHALL BE DONE BANDLATELY AND WITHOUT INTERPUPPICAL.

MALCHING, IEMPORARY SEEDING

MECHANIC TEMPORARY SETUNG.

I. APRICATIONS OF TEMPORARY SETUNG SHALL HICLIDE MILCH, WHICH
S. APPLED DURING OR BRIEDWITELY AFTER SECONG. SECONGS
MAKE DURING OF THAN SEEDING DATES ON FAVORABLE, VERY FLAT SOR
CONDITIONS MAY NOT NEED MAKEN ON ACHIEVE AREQUATE.

STABILIZATION. 2. MATERIALS. -STRAW-F STRAW IS USED, IT SHALL BE UNROTTED SHALL-GRAIN STRAW APPLED AT A RATE OF 2 TRINS PER ACRE OR SO LES, 7,000

-STRAW-F STRAW IS USED, IT SHALL BE UNFOTTED SHALL-GRAIN STRAW APPLED AT A RATE OF 2 TONS PER ACRE OR 90 LBS_/A_000 SLT. (2-3 BALES)
-HYDROSEDIORS-F WOOD CELLULOBE FREET IS USED, IT SHALL BE USED AT 2000 LBS_/A_0. OR 44 LB_/L_509_50FT.

APPLED ACCORDING TO MANUFACRIBER'S RECOMMENDATIONS ON WOOD CHE'S APPLED AT 8 TON/A_C.

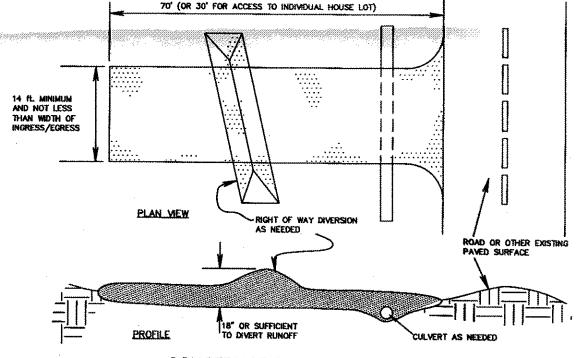
STAW MILCH SHALL BE ANCHORED BRIEDIATELY TO MIRRIEZ LOSS BY MINO OR MILCE. SHALL BE ANCHORED BRIEDIATELY TO MIRRIEZ LOSS BY MINO OR MILCE. ANCHORED BRIEDIAS.

STAW MECH SHALL BE ANCHORED BRIEDIATELY TO MIRRIEZ LOSS BY MINO OR MILCE. ANCHORED BRIEDIATELY TO MIRRIEZ LOSS BY MINO OR MILCE. ANCHORED BRIEDIATELY TO PUNCH OR ANCHORED SHALL BE SET STRAW MECHMENLY ANCHORED SHALL BE SHACH MATERIAN, NOTO THE SOIL.

STRAW MECHMENLY ANCHORED SHALL MOTE FINELY CHOPPED BUT LET TO A LIGHTH OF APPROXIMATELY 6 NOVES.

MILCH HETHING-RETTING SHALL BE USED ACCORDING TO THE MINIFACTURERS RECOMMENDATIONS. METHING MAY BE NECESSARY TO MINIS METHING ANCHORED BY THE MINIFACTURER SHOULS OF A MEETS OF CONCENTRATED RUNDET AND ON CRITICAL SLOPES.

SYMTHETIC BRIDERS—SYNTHETIC BRIDERS SUCH AS ACRYLIC DUR (AGR—TAC), DOLF TA FETTOSET, TERMA TRACK OR EQUIVALENT MAY BE USED AT A MET ORY WIT, OF 750 LB_AC. THE WOOD—CELLULOSE FIRST—WOOD—CELLULOSE F



CONSTRUCTION ENTRANCE

SPECIFICATIONS FOR CONSTRUCTION ENTRANCE:

- 1. STONE SIZE-COOT JO (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EDUTYALENT.
- CONSTRUCTION ENTRANCE SHALL BE AS LONG AS INCOMED TO STUDIAGE HIGH TRAFFIC T LESS THAN TO FT. (EXCEPT ON SINGLE WESTERNE LOT WHERE A 30-FT. IMMININ AS BUT MAT LENGTH APPLIES).
- 3. THICKNESS.—THE STONE LAYER SHALL BE AT LEAST 6 IN. THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 16 MONES FOR HEAVY DUTY SHE
- WORK—THE ENTRANCE SHALL BE AT LEAST 14 FT. WEE, BUT NOT LESS THAN THE FILL WITH AT POINTS WHERE GHORESS AND EXPRESS OCCURS.
- 5. GEOTEXTILE—A GEOTEXTILE SHALL BE FLACED OVER THE ENTIRE AREA PRIOR TO PLACING STORE, IT SHALL BE COUNTSED OF STRONG ROT-PROOF POLYMERIC FREES AND MEET THE FOLLOWING SPECS,

GEOTECTILE SPECIFICATION FOR	CONSTRUCTION ENTRANCE
MINISHE STRENGTH	200 LBS.
LANGUM PUNCTURE STRENGTH	BO PSI
MINIMUM TEAR STRENGEN	50 LBS.
WHIRM BURST STRENCH	320 PSI
MINIMAN FLONGATION	20%
EQUIRALENT OPERANG SIZE	EOS < 0.0 MAL
PERMITRATY	1 X 10-3 CM/SEC.

- A. THENC -- HE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOOR AS IS PRACTICABLE REFORE MAJOR GRADING ACRYLES.
- CLIMENT—A PPE OR CHEMENT SHALL RE CONSTRUCTED UNDER THE DIFFRANCE F NEEDED TO PREMENT SURFACE WATER FLOWING ACROSS THE ENTRANCE FROM BEING ORECTED CAPT ONTO PAVED SURFACES.
- WATER BAR—A WATER RAY SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE F
 MEDICAL TO PREVENT SUPFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE
 AND OUT ONTO FAVOR SURFACES.

A CONSTRUCTION ENTRANCE IS A STABILIZED PAR OF AGRICUATION OF A GEOFFERINE BASE AND IS USED TO REDUCE THE AMOUNT OF MED TRACKED OFF-SIZE WITH CONSTRUCTION TRAFFIC.

CONDITIONS WHERE PRACTICE APPLIES:

- A CONSTRUCTION ENTRANCE SHOULD BE USED.
- WERE CONSTRUCTION VEHICLES LEAVE ACTIVE CONSTRUCTION AREAS ONTO SURFACES WERE REMOT IS NOT CHECKED BY SEDIMENT CONTROLS;
- AT ALL POINTS OF EGRESS TO PUBLIC ROADS:
- MERE PREGNENT VENGLES AND EXEMPENT MORESS/REMESS IS EXPECTED SUCH AS AT THE AT THE ENTRANCE OF INDIVIDUAL BUILDING LOTS:

PLANNING CONSIDERATIONS

THIS PRACTICE SHOULD NOT BE RELED ON TO BENOVE MUD FROM CONSTRUCTION TRAFFIC. MOST MIDD FROM FROM THE AS VEHICLES REACH SPEEDS HOWER THAN IS READING ON STE. THE MEST APPROACH TO PREVENING OF "SHE THAND IS TO KEEP VEHICLES DATA REMEMBERY, VEHICLE AND LEAVE A SITE, MANY FROM MUDDY MEAS IN THE FIRST PLACE. VEHICLES SHOULD BE RESTRICTED TO STABILIZED MAKES TO THE CHEETY PRACTICAL, AND MEAS THEME THEMEMBERS MODESS/ELDRESS IS EMPCRETED SHOULD BE STABILIZED.

- MARTIFIANCE...TOP DRESSING OF ADDITIONAL STORE SHALL BE APPLIED AS COMBINIONS DEMAND. MAD SPALED, ROPPED, MARRIED OR TRACKED ONED PUBLIC ROADS, OR ARY SURFACE SHERE RANGET IS DOT OFFICIED BY SERMENT CONTROLS, SHALL SE REMOVED SIMILEDATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAFING OR SWEETPING.
- 10. CONTROCTION ENTRANCES SHALL NOT BE RELEX UPON TO REMOVE AND FROM VENICLES AND PREVENT OFF-STE TRACKING. VENICLES THAT ENTER AND LEAVE THE CONSTRUCTIONS—GIVE SMALL SE RESTRICTED FROM MICODY AREAS.
- ii. Removal— The entrance small remain in place until the distribled area is semblized or replaces

HORIZ SCALE:	VERT. SCALE:	5425 WARNER ROAD - SUITE 12 VALLEY VEW, 0410 4425 440-602-9071 FAX 215-360-0259	SITE PLAN FOR B.R. KNEZ			干
CL DRAWN BY:	11-11-2011 DATE:		CONSTRUCTION, INC. OUTRIGGER COVE BEING SUBLOT 260 IN THE			\blacksquare
CHECKED BY: SRL	DRAWING NO.: 20112539	ATTECH	LAKE ERIE SHORES PHASE 4A PLAT VOLUME 50, PAGE 33 P.P.#11-B-043-F-00-273-0			\blacksquare
JOB NO.: 20112539	SHEET: 2 OF 2	ENGINEERING + SURVEYING Civil Engineering + Land Surveying	THE TOTAL TO	NO. DATE	DESCRIPTION	BY