

FABRIC PROPERTIES	VALUES	TEST METHOD
MANAGNI TENSEE STRENGTH	720 LBS. (535 N)	ASTM D 4632
MAXIMUM ELONGATIONAT 60 LBS.	50 X	ASTM 0 4632
MINIMUM PUNCTURE STRENGTH	50 LBS. (220 N)	ASTN 0 1033
MININUM TEAR STRENGTH	40 LBS. (180 N)	ASTM D 4533
APPARENT OPENING SIZE		ASTM D 4751
BRIBLIN PERMITTATY	1X10-2 SEC1	ASIM D 4491
UV FOROSLARE STRENGTH RETENTION	/ 70 \$	ASTM G 4355

1. SILT FENCE SHALL BE CONSTRUCTED REFORE 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 SHALL SHALES OR DEPRESSIONS THAT HAY CARRY SMALL CONCENTRATED FLOWS TO THE SILT FENCE ARE DISSPATED ALONG ITS LENGTH.
3. ENDS OF THE SILT FENCES SHALL BE BROUGHT UPSLOPE SLIGHTLY SO THAT WATER PONDED BY THE SILT FENCE WILL BE PREVENTED FROM FLOWING AROUND THE EDIS.
4. SILT FENCE SHALL BE PLACED ON THE FLATTEST AREA AVAILABLE.
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 REISTABLISHED WITHIN 7 DAYS FROM THE INSTITUATION OF THE SILT FENCE.
6. THE HEIGHT OF THE SILT FENCE SHALL BE A ARRAINAN OF 18 INCHES AROUNE THE ORIGINAL GROUND SURFACE.
7. THE SILT FENCE SHALL BE PLACED BY AN EXCAVATED OR SLICED TRENCH CUIT A MIRRIAN OF 8 INCHES DEEP. THE TRENCH SHALL BE MADE WITH A TRENCHER, CABLE LAYING MACHINE, SLICHING MACHINE, OR OTHER SLITEBALE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH. A TRENCHER, CABLE LAYING MACHINE, SLICHING MACHINE, OR OTHER SLITEBALE DEVICE THAT WILL ENSURE AN ADEQUATELY UNIFORM TRENCH DEPTH. A RICHCHER, COUNTY OF THE SILT FENCE SHALL BE PLACED WITH THE STATES ON THE DOMINISHOPE SIDE OF THE GEOTEXTILE. A MINIMUM OF 8 INCHES OF GEOTEXTILE MUST BE BELOW THE GROUND SUFFACE. SHALL BE BACKFILED AND COUNTY OF THE GROUND SUFFACE SHALL BE BACKFILED ORIGINAL BITCHERS SHALL BE SPLICED TOGETHER ONLY AT A SUPPORT POST WITH A MINIMUM 6-INCH OVERLAP PRIOR TO DOMING HITO THE GEOTEXTILE OF RUMOFF OVERTOPS THE SILT FENCE, FLOW UNDER THE FARRIC. OR AROUND THE FENCE ENDS, OR IN ANY OTHER WAY ALLONS A CONCENTRATED FLOW DISCHARGE, ONE OF THE FOLLOWED, SHALL BE PRACTICES SHALL BE INSTALLED.

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. SILT FENCES SHALL BE INSPECTED AFTER EACH RABIFALL 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 SILT FENCE SHALL BE REPAIRED IMMEDIATELY.

CRITERIA FOR SILT FENCE MATERIALS

1.FENCE POSTS-THE LENGTH SHALL BE A MINIMUM OF 32 INCHES, WOOD POSTS WILL BE 2-BY-2-M. MOMINAL DIMENSIONED HARDWOOD OF SOUND QUALITY, THEY SHALL BE TREE OF KNOTS, SPLITS AND OTHER MISSIES IMPERFECTIONS, THAT WILL WERNEN THE POSTS THE MAXIMUM SPACING BETWEEN POSTS SHALL BE TO FEET, POSTS SHALL BE DO FEET, POSTS SHALL BE DO FOR THE POSSIBLE, IF NOT POSSIBLE, THE POSTS SHALL BE ADEQUATELY SECURED TO PREVENT OVERTURINING OF THE FENCE DUE TO SEDMENT/MATER LOADING.

2. SILT FENCE FABRIC-SEE CHART

TEMPORARY SEEDING

SEEDING DATES	SPECIES	Lb./1,000 S.F.	LB/PER ACRE
MARCH 1 - AUGUST 15	GATS TALL FESCUE ANNUAL RYEGRASS	3 1 1	128 (4 BUSHEL) 40 40
	PEREMNIAL RYEGRASS TALL FESCUE ANNUAL RYEGRASS	1 1	40 40 40
	ANNUAL RYEGRASS PERENRAL RYEGRASS CREEPING RED FESCUE RENTUCKY BLUEGRASS	1,25 3,25 0,4 0,4	55 142 17 17
	OATS TALL FESCUE AMBRAL RYEGRASS	3 1 1	128 (3 BUSHEL) 40 40
AUGUST 16 - NOVEMBER	RYE TALL FESCUE ANNUAL RYEGRASS	3	112 (2 BUSHEL) 40 40
	WEAT TALL FESCUE ANNUAL RYEGRASS	3 1 1	120 (2 BUSHEL) 40 40
	PERENNIAL RYEGRASS TALL FESCUE ANNUAL RYEGRASS	***	40 40 40
	ANNUAL RYEGRASS PEREINIAL RYEGRASS CREEPING HED FESCUE KENTUCKY BLUEDRASS	1.25 3.25 0.4 0.4	40 40 40
HOVEMBER 1 - FEB. 29	USE MULCH ONLY OR DO	ROVANT SEEDING.	

1. STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIMERSIONS AND SEDIMENT TRAPS SIMIL BE INSTALLED AND STABILIZED WITH TEMPORARY SEEDING PROOR TO GRADING THE REST OF THE CONSTRUCTION SITE.
2. TEMPORARY SEED SHALL BE APPLIED BETWEEN CONSTRUCTION OF SOR. THAT WILL HOT BE GRADED OR REWORMED FOR 31 DAYS OR GREATER. THESE KILE AREAS SHALL BE SEEDED WITHIN 7 DAYS AFTER GRADING.

DATS OF WEATHER THESE MAKE PROPERTY OF THE SECOND AS TO ENSURE THE SECOND AND LOOSE TO ENSURE THE SECOND OF ESTABLISHMO MEDITARION. TEMPORARY SECOND SHOULD NOT HE POSSIBLE AS ON. AMERICANIS—TEMPORARY MEETARION IS NOT POSSIBLE AS ON. AMERICANIS—TEMPORARY MEETARION SECOND RATES SHALL ESTABLISH ADOLULATE STANDS OF WEETARION, WHOM MAY REQUIRE THE USE OF SOIL AMERICANIS. BASE MAYES FOR LIME AND FERTILIZER SHOULD SECOND OF THE CONTRACT OF THE PROPERTY OF THE PROPE

USE OF SOIL AMERIMENTS. BY SET THE THREE PRICED UNIFORMLY WITH A SEEDING METHOD—SEED SHALL BE APPLIED UNIFORMLY WITH A CYCLONE SMIPHORD, DIML, CULTPACHER SEEDER, OF HYDROSECHER, MICH FEASBLE, SEED THAT HAS BEEN BROADCAST SHALL BE COVERED BY RANNE OR DATAGENE AND THEN LIGHTLY TAMPED WITO PLACE USIN A ROLLER OR CULTPACKER. IF MIGHINESEEDING SHALL BE SEED AND FERRUZER WILL BE MINED ON—SITE AND THE SEEDING SHALL BE DONE MANEDIATELY AND WITHOUT INTERPUPPION.

MILCONNO TEMPORARY SERDING SHALL INCLUDE MILCH, WHICH I APPLICATIONS OF TEMPORARY SERDING SHALL INCLUDE MILCH, WHICH SHALL BE APPLED DURING ON MINERIAL TELY AFTER SERDING, SEEDINGS MADE DURING COPIEMI SEEDING DATES ON FAVOUREL, VERY FLAT SON, CONDITIONS MAY NOT MEED MILCH ON ACCRET ADEQUATE.

STRAN APTURU AI A MAIN-SE SOFT. (2-3 BALES) -HYDROSEEDERS-N WOOD CRELINGUE RIBER IS USED, IT SHALL BE USED

SOFT. (2-7 BALES)
--HORNOSEDERS-IF WOOD CELLINOSE PIBER IS USED, IT SHALL BE USED
AT 2000 LBS./AC. OR 46 LB./L.OOD-SOFT.
--OTHER-ACHIER ABLE MALENES WICLIDE MIRCH MATTIMOS
APPLED ACCORDING TO MANUFACTIMIES TRECOMMENDATIONS OR WOOD
CHPS APPLED AT E TOW./AC.
STAW MIRCH SHALL BE ANCHORING MEMORIS.
BY WIND OR WIFE, ANCHORING MEMORIS.
BY WIND OR WIFE, ANCHORING MEMORIS.
BY WIND OR WIFE, ANCHORING MEMORIS.
--MECHANICAL -A DISK. CHAMPE, OR SMALLAR TYPE TOOK SHALL BE SET
STRAW MECHANICALLY ANCHORING SHALL OF PIBEL CHAPPED BUT
LEFT TO A LENGTH OF APPROXIMATELY B WICHES.
--MICH METHING-HALL BE USED ACCORDING TO THE
MANUFACTURENS RECOMMENDATIONS. METHING MAY BE MECESSARY TO
HALD MALCH IN PLACE IN AREAS OF COMMENTATED RAINES AND ON
CRITICAL SLOYES.
--SYNTHETIC BINDERS-SYNTHETIC BINDERS SINCH AS ACRYLIC DLR
(AGRI-TAC) DOCA-TO, PETROSST, TERRA TRACK OR EQUIVALENT MAY BE
USED AT RATES RECOMMENDED BY THE MANUFACTURER.
--WOOD-CELLILOSE FREET-WOOD-CELLILOSE FREET BINDER SHALL BE
MAYERD AT A NET DRY WIT, OF THE LB./L.O.
--FILL BE MICH WITH WITH BET AND THE MIXTURE SHALL CONTAIN A
MAXIMUM OF 50 LB./100 GAL.

NOTE: THE LOCATION OF SEWER AND WATER LATERALS SHOWN HEREON ARE PER CITY IMPROVEMENT PLANS. THE ACTUAL LOCATION OF ANY UTILITY LATERALS SHALL BE FIELD VERIFIED BEFORE CONSTRUCTION.

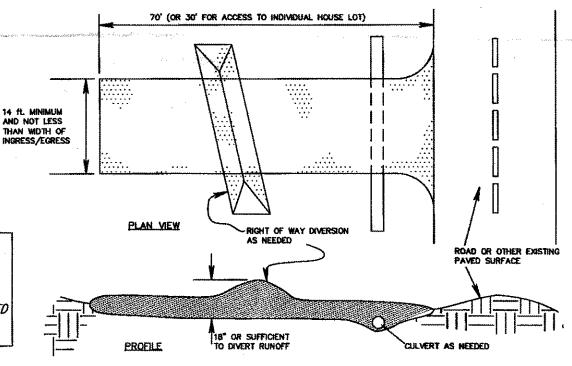


PAVEMENT NOTES:

1. ALL CONCRETE TO BE A MINIMUM OF 3,000 PSI/28 DAYS.

2. PUBLIC WALKS WILL BE 4" THICK (6" AT DRIVE CROSSING)
6.5 SACK MIX CONCRETE WITH 7% AIR ENTRAINMENT.

3. DRIVEWAYS MUST BE 4" THICK (6" AT APRON) 6.5 SACK MIX CONCRETE WITH 7% AIR ENTRAINMENT, AND SHALL BE REINFORCED WITH 6"X6" #10 WELDED WIRE MESH INSTALLED APPROXIMATELY
1" TO 2" FROM BOTTOM OF SLAB.



CONSTRUCTION ENTRANCE

SPECIFICATIONS FOR CONSTRUCTION ENTRANCE: 1. STONE SIZE-COOT #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.

- THE CONSTRUCTION ENTRANCE SHALL HE AS LONG AS REQUIRED TO S AREAR BUT NOT LESS THAN 70 FT, (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30-FT, MINISTELLENOTH APPLIES).
- 3. THICKNESS-THE STONE LAYER SHALL BE AT LEAST 6 IN. THICK FOR LIGHT DUTY DITROUCES OR AT LEAST 10 INCHES FOR HEAVY OUTY USE.
- 4. WORN-THE ENTRANCE SHALL BE AT LEAST 14 FE WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INDRESS AND EGRESS OCCURS.
- 5. GEOTOXINE—A GEOTEXINE SHALL HE PLACED OWN THE ENTIRE AVEA PRIOR TO PLACING STORE. IT SHALL HE COMPOSED OF STRONG ROT—PROOF POLYMETIC FINERS AND MEET THE FOLLOWING SPECS.

GEOTEXTRE SPECIFICATION FOR CONSTRUCTION EMPLOYEES
ANNALY TOUSE STRENGTH 200 U.S. MINIMANI PUNCTURE SWENCH 80 PS MINIMANE YEAR STRENGTH 50 LBS MARINE BONGATOR QUINALENT OPENIC SIZE 205 < 0.5 law PERMITTENTY 1 X 10-3 OK/SEC

- B. THENC --- THE CONSTRUCTION ENTRINEET SHALL SE INSTALLED AS SOON AS IS PRACTICABLE BEFORE MAJOR GROUNDS ACTIVIDES.
- CULMENT—A PIPE OR CULMENT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF MEEDED TO
 PREMENT SURFACE WATER FLORING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO

A CONSTRUCTION ENTRANCE IS A STABLESSO PAC OF AGENTSCATE, OVER A SEPTEMBLE BASE AND IS USED TO REDUCE THE AMOUNT OF MUID TRACKED OFF-SITE WITH CONSTITUCTION TRAFFIC.

CONDITIONS WHERE PRACTICE APPLIES:

A CONSTRUCTION ENTRANCE SHOULD BE USED:

- WHEE CONSTRUCTION VEHICLES LEAVE ACTIVE CONSTRUCTION AREAS ONTO SURFACES WHERE RUNGET IS NOT CHECKED BY SEDIMENT CONTROLS;
- AT ALL POINTS OF EGRESS TO PUBLIC BOADS:
- WHERE FREQUENT VENICLES AND EQUIPMENT BIOMESS/ASSMESS IS EXPECTED SHOW AS AT THE AT THE ENTRANCE OF INDIVIDUAL BUILDING LOTS;

PLANNING CONSIDERATIONS:

THIS PRINCIPLE SHOULD NOT BE RELED ON TO REMOVE MUD FROM CONSTRUCTION TRAFFIC. MOST MUD
ES FLUND FROM TREES AS MONICLES REACH SPEEDS HOWER THAN IS SERVINGED ON SITE. THE REST
HOPPROMET FOR PROFESSER TRACKIONS IN TO REFE MONICLES MEDICALLY REPRIEZA MO LEAVE
A SITE, MANY FROM MUDDY MEAS IN THE FRIST PLACE. VOHICLES MINISTRUM BE MESTRUCTED TO
STARKLEDD MEST DETERMINED PRACTICAL, MAD AREAS WHERE FREMENT MONESS/REMESS
IS EXPECTED SHOULD BE STABILIZED.

- 8. MARTEHANCE.—TOP ORESSING OF ADDITIONAL STONE SHALL BE APPLED AS CONDITIONS BEAMIND. MAD SPILED, REPOPED, WASHED OR WANDED ONTO PRINCE ROADS, OR ANY SUMPACE WEEKE RUNGET IS NOT CHECKED BY SEDMENT CONTROLS, SHALL BE REMOVED BANEFATELY. REMOVAL SHALL BE ACCOMPLISHED BY SERVING OR SWEETPING.
- 10. CONTRECTION ENTRANCES SHALL NOT BE ROLES UPON TO ROMOVE MED FROM VENILLEE AND PREVENT OFF-STE TRACEMIA. VENILLES THAT ENTER AND LEAVE THE CONSTRUCTION—STE SHALL BE RESIDENT FROM MUDDY AREAS.
- 8. WHER BAR —A WATER BAR SHALL SE CONSTRUCTED AS PART OF THE CONSTRUCTION EMBANCE F
 MEDED TO PREVENT SURFACE RUNCH FROM FLOWING THE LINKING OF THE CONSTRUCTION EXTRACED
 AND OUT ONTO PAVED SURFACES.

 11. WENCHALL THE EXTRACT SHALL REMAIN IN PLACE UNTIL THE DISTURBED AND IS STABLED OR NEPLACED
 AND OUT ONTO PAVED SURFACES.

HORIZ. SCALE:	VERT. SCALE:	5426 WARNER ROAD - SLITE 12 VALLEY VIEW, OHIO 44126 440-602-9071 FAX 216-369-0259	SITE PLAN FOR B.R. KNEZ CONSTRUCTION, INC.			
CE DRAWN BY:	DATE: 10-7-2011	ATTECH	CRESTHAVEN DRIVE BEING SUBLOT 24 IN THE			
CHECKED BY:	DRAWING NO.: 20112492	ENGINEERING + SURVEYING	GILCHRIST'S BROOKWOOD BEACH ESTATES SUBDIVISION PLAT VOLUME D, PAGE 73			
JOB NO.: 20112492	SHEET: 2 OF 2	Civil Engineering + Land Surveying	CTTY OF WILLOWICK, COUNTY OF LAKE STATE OF OHIO	NO. DATE	DESCRIPTION	BY