

SPECIFICATIONS FOR CONSTRUCTION ENTRANCE:

- 1. STONE SIZE-ODOT #2 (1.5-2.5 INCH) STONE SHALL BE USED, OR RECYCLED CONCRETE EQUIVALENT.
- 2. LENGTH---THE CONSTRUCTION ENTRANCE SHALL BE AS LONG AS REQUIRED TO STABILIZE HIGH TRAFFIC AREAS BUT NOT LESS THAN 70 FT. (EXCEPT ON SINGLE RESIDENCE LOT WHERE A 30-FT. MANUALINA LENGTH APPLIES).
- THICKNESS--THE STONE LAYER SHALL BE AT LEAST 6 IN. THICK FOR LIGHT DUTY ENTRANCES OR AT LEAST 10 INCHES FOR HEAVY DUTY USE.
- WIDTH--THE ENTRANCE SHALL BE AT LEAST 14 FT. WIDE, BUT NOT LESS THAN THE FULL WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS.
- 5. GEOTEXTILE---A GEOTEXTILE SHALL SE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE. IT SHALL BE COMPOSED OF STRONG ROT-PROOF POLYMERIC FIBERS AND MEET THE FOLLOWING SPECS.

GEOTEXTILE SPECIFICATION FOR	CONSTRUCTION ENTRANCE
MINIMUM TENSILE STRENGTH	200 LBS.
MINIMUM PUNCTURE STRENGTH	80 PSI
MINIMUM TEAR STRENGTH	50 LBS.
MINIMUM BURST STRENGTH	320 PSI
MENEMUM ELONGATION	20%
EQUIVALENT OPENING SIZE	EOS < 0,8 MM.
PERMITRIMITY	1 X 10-3 CM/SEC.

- -THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS SOON AS IS PRACTICABLE BEFORE MAJOR GRADING ACTIVITIES.
- 7. CULVERT---A PIPE OR CULVERT SHALL BE CONSTRUCTED UNDER THE ENTRANCE IF NEEDED TO PREVENT SURFACE WATER FLORING ACROSS THE ENTRANCE FROM BEING DIRECTED OUT ONTO PAVED SURFACES.
- 8. WATER BAR--A WATER BAR SHALL BE CONSTRUCTED AS PART OF THE CONSTRUCTION ENTRANCE IF NEEDED TO PREVENT SURFACE RUNOFF FROM FLOWING THE LENGTH OF THE CONSTRUCTION ENTRANCE AND OUT ONTO PAVED SURFACES.

DESCRIPTION

A CONSTRUCTION ENTRANCE IS A STABILIZED PAD OF AGGREGATE OVER A GEOTEXPLE BASE AND IS USED TO REDUCE THE AMOUNT OF MUD TRACKED OFF-SITE WITH CONSTRUCTION TRAFFIC.

CONDITIONS WHERE PRACTICE APPLIES:

- A CONSTRUCTION ENTRANCE SHOULD BE USED:
- WHERE CONSTRUCTION VEHICLES LEAVE ACTIVE CONSTRUCTION AREAS ONTO SURFACES WHERE RUNOFF IS NOT CHECKED BY SEDIMENT CONTROLS;
- AT ALL POINTS OF EGRESS TO PUBLIC ROADS;
- WHERE PREQUENT VEHICLES AND EQUIPMENT INCRESS/EGRESS IS EXPECTED SIXCH AS AT THE AT THE ENTRANCE OF INDIVIDUAL BUILDING LOTS:

PLANNING CONSIDERATIONS:

THIS PRACTICE SHOULD NOT BE RELED ON TO REMOVE MUD FROM CONSTRUCTION TRAFFIC. MOST MUD
IS FLUING FROM TIRES AS VEHICLES REACH SPEEDS HIGHER THAN IS REACHED ON SITE. THE BEST
APPROACH TO PREVENTING OFF-SITE TRACKING IS TO KEEP VEHICLES THAT FREQUENTLY ENTER AND LEAVE
A SITE, AWAY FROM MUDDY AREAS IN THE FIRST PLACE. VEHICLES SHOULD BE RESTRICTED TO STABILIZED AREAS TO THE EXTENT PRACTICAL, AND AREAS WHERE FREQUENT INGRESS/EGRESS IS EXPECTED SHOULD BE STABILIZED.

- MANTENANCE—TOP DRESSING OF ADDITIONAL STONE SHALL BE APPLIED AS CONDITIONS DEMAND. MUD SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC ROADS, OR ANY SURFACE WHERE RANGET IS NOT CHECKED BY SEDMENT CONTROLS, SHALL BE REMOVED IMMEDIATELY. REMOVAL SHALL BE ACCOMPLISHED BY SCRAPING OR SWEEPING.
- 10. CONTRUCTION ENTRANCES SHALL NOT BE RELIED UPON TO REMOVE AND FROM VEHICLES AND PREVENT OFF-SITE TRACKING, VEHICLES THAT ENTER AND LEAVE THE CONSTRUCTION—SITE SHALL BE RESTRICTED FROM MUDDY AREAS.
- 11. REMOVAL -- THE ENTRANCE SHALL REMAIN IN PLACE UNTIL THE DISTURBED AREA IS STABILIZED OR REPLACED

<u>LEGEND</u>

O = IRON PIN FND

• = IRON PIN SET

= MONUMENT BOX S = SANITARY MANHOLE

WATER VALVE

X = FIRE HYDRANT

TB = TRANSFORMER

= CABLE PED

T = TELEPHONE PED

= LIGHT POST

= OFFSET HUB

= = FLOW DIRECTION

-/__ = SWALE

EXISTING GRADE PROPOSED GRADE

= PROP SILT FENCE

(SP) == SUMP PUMP

UTILITY INFORMATION TAKEN FROM IMPROVEMENT PLANS BY BABCOCK, JONES & ASSOCIATES, INC. DATED: OCTOBER, 2005

UTILITY LATERALS MUST BE FIELD VERIFIED BEFORE CONSTRUCTION

	CURVE TABLE						
CURVE	LENGTH	RADIUS	TANGENT	CHORD	BEARING	DELTA	
C1	470.37	550.00	250.65	456.16	N71"26"00"W	49 <i>"00"00</i> "	
<i>C2</i>	311 40'	520.00'	160.53	306.77'	N78'46'39"W	3478'41"	

ALL IRON PINS SET ARE 5/8" X 30" REBAR CAPPED AZTECH 8249"

ALL CONCRETE TO BE A MINIMUM 4,000 PSI/ 28 DAYS 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

REFERENCES: MOUNT ROYAL NO. 3 SUBDIVISION PLAT VOLUME 31, PAGE 9 NATURE PRESERVE PH. 1 SUBDIVISION IMPROVEMENT PLANS BY BY BABCOCK, JONES & ASSOCIATES, INC. DATED: OCTOBER, 2005

- (A) = EX SAS LAT
- (1)= PROP 1" TYPE "K" COPPER WATER CONN
- (2) = PROP 6" PVC SCH 40 SAS CONN
- (3) = PROP 6" PVC SDR 35 STS CONN

HOUSE DETAIL SCALE: 1° = 20' 7.67 2.67 14.33 15.33 10.34 PROP HOUSE GARAGE FL.994.0 2 2 F.FL.996.0 BSMT FL.986.33 TOP/FTR.986.0 BOT/FTR.985.46 9' BSMT <u> 24.67'</u>

HORIZ. SCALE:	VERT. SCALE:
DRAWN BY: CL	DATE: 8/9/12
CHECKED BY: SRL	DRAMING NO.: 99689
JOR NO. 99689	SHEET: 2 OF 3

5425 WARNER ROAD - BLITE 12 VALLEY VIEW, OHIO 44925 440-602-9071

FAX 216-369-0259

ENGINEERING + SURVEYING Civil Engineering + Land Surveying

SITE PLAN **FOR** B.R. KNEZ CONSTRUCTION, INC. BUCKINGHAM PLACE S/L 62 IN THE MOUNT ROYAL NO. 3 SUBDIVISION 8/12 ADDED W/O BSMT CL PLAT VOLUME 31, PAGE 9 CONCORD TOWNSHIP 1 8/12 REV BORDER

LAKE COUNTY, OHIO

CL

BY

DESCRIPTION

NO. DATE