

- LEGEND**
- = IRON PIN FND
  - ⊙ = SANITARY MANHOLE
  - ⊕ = STORM POLE
  - ⊙ = POWER POLE
  - ⊙ = GUY WIRE
  - ⊕ = CATCH BASIN
  - ⊙ = SILT FENCE
  - ⊕ = INLET PROTECTION
  - = FLOW DIRECTION
  - = SWALE
  - = EXISTING GRADE
  - = PROPOSED GRADE

**REFERENCES:**

SANITARY SEWER EXTENSION IMPROVEMENT PLANS  
BY LAND DESIGN CONSULTANTS  
ASBUILT DATE: FEBRUARY, 2002

TOMAZIC ALLOTMENT  
BY JAMES PEDGARRIO, JR. PS#8150  
PLAT VOLUME 51, PAGE 14

WATER LINE GIS PLAN  
BY AQUA WATER DEPARTMENT

**TEMPORARY SEEDING**

SEEDING DATES	SPECIES	LB./1,000 S.F.	LB./PER ACRE
MARCH 1 - AUGUST 15	OATS	3	128 (4 BUSHES)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1	40
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1.25	55
	ORCHARD GRASS	0.4	17
	KENTUCKY BLUEGRASS	0.4	17
	OATS	3	128 (3 BUSHES)
AUGUST 16 - NOVEMBER	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1	40
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1.25	55
	ORCHARD GRASS	0.4	17
	KENTUCKY BLUEGRASS	0.4	17
	OATS	3	128 (3 BUSHES)
	TALL FESCUE	1	40
NOVEMBER 1 - FEB. 29	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1.25	55
	ORCHARD GRASS	0.4	17
	KENTUCKY BLUEGRASS	0.4	17
	OATS	3	128 (3 BUSHES)
	TALL FESCUE	1	40
	ANNUAL RYEGRASS	1	40
	PERENNIAL RYEGRASS	1.25	55
	ORCHARD GRASS	0.4	17
	KENTUCKY BLUEGRASS	0.4	17

1. STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES SUCH AS DIVERSIONS AND SEDIMENT TRAPS SHALL BE INSTALLED AND MAINTAINED WITH TEMPORARY SEEDING PRIOR TO GRADING AND CONSTRUCTION OF THE CONSTRUCTION SITE.

2. TEMPORARY SEED SHALL BE APPLIED BETWEEN CONSTRUCTION OPERATIONS ON SLOPE THAT WILL NOT BE GRADED OR REFORCED FOR 24 HOURS OR GREATER. THESE AREAS SHALL BE SEED WITHIN 7 DAYS AFTER GRADING.

3. THE SEEDING SHOULD BE PAULISHED AND LOOSE TO ENSURE THE SUCCESS OF ESTABLISHING VEGETATION. TEMPORARY SEEDING SHOULD NOT BE POSTPONED IF IDEAL SEEDING PREPARATION IS NOT POSSIBLE.

4. SOIL AMENDMENTS-TEMPORARY SEEDING RATES SHALL ESTABLISH ADEQUATE LUMBER OF VEGETATION WHICH MAY REQUIRE THE USE OF SOIL AMENDMENTS. BASE RATES FOR LIME AND FERTILIZER SHALL BE USED.

5. SEEDING METHOD-SEED SHALL BE APPLIED UNIFORMITY WITH A CYCLONE SPREADER. BROADCAST SHALL BE COVERED BY HAND OR DRAGGING AND THEN LIGHTLY RAMPED INTO PLACEMENT USING A ROLLER OR CALTRAP. HYDROSEEDING IS USED. THE SEED AND FERTILIZER WILL BE MIXED ON-SITE AND THE SEEDING SHALL BE DONE IMMEDIATELY AND WITHOUT INTERRUPTION.

**MULCHING TEMPORARY SEEDING:**

1. APPLICATIONS OF TEMPORARY SEEDING SHALL INCLUDE MULCH, WHICH SHALL BE APPLIED DURING OR IMMEDIATELY AFTER SEEDING. SEEDINGS MADE DURING OPTIMUM SEEDING DATES ON FAVORABLE, VERY FLAT SOIL CONDITIONS MAY NOT NEED MULCH TO ACHIEVE ADEQUATE STABILIZATION.

2. MATERIALS

- STRAW-IF STRAW IS USED, IT SHALL BE UNROTTED SMALL-GRAIN STRAW APPLIED AT A RATE OF 2 TONS PER ACRE OR 90 LBS./1,000 SQ. FT. (2-3 DALES)

- HYDROSEEDING-IF WOOD CELLULOSE FIBER IS USED, IT SHALL BE USED AT 2000 LBS./AC. OR 48 LB./1,000-SQ. FT.

- OTHER OTHER ACCEPTABLE MULCHES INCLUDE MULCH MATTINGS APPLIED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS OR WOOD CHIPS APPLIED AT 8 TON/AC.

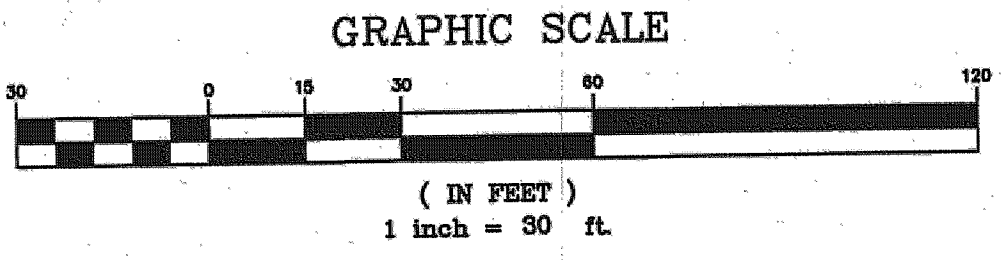
3. STRAW MULCH SHALL BE ANCHORED IMMEDIATELY TO MINIMIZE LOSS BY WIND OR WATER. ANCHORING METHODS

- MECHANICAL-A DISC, CHURNER, OR SIMILAR TYPE TOOL SHALL BE SET STRAIGHT TO RUNCH OR ANCHOR THE MULCH MATERIAL INTO THE SOIL. STRAW MECHANICALLY ANCHORED SHALL NOT BE FINELY CHOPPED BUT LEFT TO A LENGTH OF APPROXIMATELY 6 INCHES.

- MULCH NETTING-NETTING SHALL BE USED ACCORDING TO THE MANUFACTURER'S RECOMMENDATIONS. NETTING MAY BE NECESSARY TO HOLD MULCH IN PLACE IN AREAS OF CONCENTRATED RUNOFF AND ON CRITICAL SLOPES.

- SYNTHETIC BINDERS-SYNTHETIC BINDERS SUCH AS ACRYLIC DLR (AQUA-TAC), DCA-70, PETROSET, TERRA TRACK OR EQUIVALENT MAY BE USED AT RATES RECOMMENDED BY THE MANUFACTURER.

- WOOD-CELLULOSE FIBER-WOOD-CELLULOSE FIBER BINDER SHALL BE APPLIED AT A NET DRY WT. OF 750 LB./AC. THE WOOD-CELLULOSE FIBER SHALL BE MIXED WITH WATER AND THE MIXTURE SHALL CONTAIN A MAXIMUM OF 50 LB./100 GAL.



I, THE UNDERSIGNED HEREBY CERTIFY THAT THIS TOPOGRAPHY, INDICATED BY 61' OR 2' CONTOURS, AND ELEVATIONS SHOWN HEREON REPRESENT AN ACTUAL FIELD SURVEY MADE BY ME ON THE 12TH DAY OF NOVEMBER, 2013, AND THAT THE ELEVATIONS WERE TAKEN AT APPROPRIATE INTERVALS AND THAT AS OF THAT DATE THEY EXISTED AS INDICATED HEREON.

NAME: STAN R. LOCH  
REG.#: 8249



**SITE PLAN FOR**  
**JEFFREY & GABRIELLA THOMPSON**  
**& HOLLY HEATON**  
**8115 KING MEMORIAL ROAD**  
**LOT "B" IN THE TOMAZIC ALLOTMENT**  
**PLAT VOLUME 61, PAGE 14**  
**BEING PART OF LOTS 5 & 6, SHEET TRACT**  
**IN ORIGINAL MENTOR TOWNSHIP**  
**SITUATED IN THE VILLAGE OF KIRTLAND HILLS, COUNTY OF LAKE, STATE OF OHIO**

5425 WARNER ROAD - SUITE 12  
VALLEY VIEW, OHIO 44125  
440-602-9071

**AZTECH**  
**ENGINEERING and SURVEYING**  
**Civil Engineering - Land Surveying**

HORIZ. SCALE: 1" = 30'	VERT. SCALE:
DRAWN BY: CL	DATE: 11/14/2013
CHECKED BY: SRL	DRAWING NO.: 20132851
JOB NO.: 20132851	SHEET: 1 OF 2

NO.	DATE	DESCRIPTION	BY
3	5/21/14	REV STORM SEWER CONN	CL
2	2/14/14	REV PER BUILDER	CL
1	1/6/14	UPDATED OWNERS	CL