

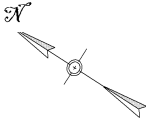
DATE: March 16, 2016
 REVISIONS:
 May 31, 2016

FRANK S. GILES II
LAND CONSULTING

154 UNION STREET
 LAWRENCE, MA 01841
 978-975-2059
 FrankGiles@comcast.net

FRANK S. GILES II
 March 16, 2016

SCALE: 1 INCH = 10 FEET



REFERENCE:
 Bread and Roses Housing, Inc.
 15 Union Street, Suite 401
 P.O. Box 7
 Lawrence, MA. 01842

SITE REFERENCE:
 Map 54 Lot 47
 314 East Haverhill Street
 Lawrence, MA. 01841
 Deed Book 9907, PG. 210
 Deed book 14251, Page 20 (current)
 See Plan 101.

ZONING DISTRICT B-1

MAP 54
LOT 47
 AREA = 11,709 S.F.

- NOTES**
- *2 (DUPEX) 3 BEDROOM UNITS RATING 110 G.P.D. = TOTAL = 660 G.P.D.
 1. TOPOGRAPHIC DATUM IS BASED ON THE CITY SEWER SYSTEM.
 2. WORK SHALL CONFORM TO THE CITY OF METHEN D.P.W. STANDARDS ALL DISTURBED, NON-PAVED AREAS SHALL BE LOAMED AND SEEDED.
 3. THE CONTRACTORS SHALL OBTAIN THE NECESSARY APPROVALS AND PERMITS PRIOR TO THE COMMENCEMENT OF WORK.
 4. FLOW SHALL BE DIRECTED TO THE PERVIOUS AREAS WERE POSSIBLE.
 5. A MINIMUM 4.5' OF COVER IS REQUIRED OVER SEWER AND WATER SERVICES.
 6. SEWER & WATER PERMITS ARE REQUIRED FROM THE DEPARTMENT OF ENGINEERING AND FROM THE DEPARTMENT OF WATER.
 7. THE CONTRACTOR SHALL RESTORE/REPAIR THE SIDEWALK SURFACE ALONG THE FRONTAGE AFTER CONSTRUCTION CONCRETE (PORTLAND CEMENT) OR LIKE MATERIAL. FLOW-ABLE FILL (CONCRETE MIX) USED ON STREET TRENCH CONSTRUCTION INFRA-RED APPLICATION.
 8. EROSION CONTROL SHALL BE IN PLACE IN THE EVENT OF ANY EXCAVATION DELAYS AND FOR RAINFALL CREATING RUNOFF AND THE PREVENTION OF EROSION.
 9. EROSION CONTROL / SILT SACKS SHALL BE IN PLACE AT THE CATCH BASINS.
 10. A BARRIER SHALL BE FORMED TO PROTECT THE EXCAVATED MATERIAL FROM PERMEATING ONTO THE PAVED STREET.
 - *SILT SOXX TO BE PLACED (TEMPORARY) DURING CONSTRUCTION PHASES OF EXCAVATING FOUNDATIONS.

- PAVEMENT RUNOFF**
- A MAP 54 LOT 47-1**
 2 DRIVEWAYS
 RATE = 0.5' (0415') x AREA (512 S.F.)
 VOLUME = 213 C.F.
- B MAP 54 LOT 47-2**
 2 DRIVEWAYS ON
 RATE = 0.5' (0415') x AREA (512 S.F.)
 VOLUME = 213 C.F.
- NON-TREATED ROOF RUNOFF**
- A MAP 54 LOT 47-1**
 1 ROOF
 RATE = 0.5' (0415') x AREA (1,120 S.F.)
 VOLUME = 46.5 C.F.
- B MAP 54 LOT 47-2**
 1 ROOF
 RATE = 0.5' (0415') x AREA (1,120 S.F.)
 VOLUME = 46.5 C.F.
- TOTAL VOLUMES PER SYSTEM**
- A MAP 54 LOT 47-1**
 21.3 C.F. + 46.5 C.F. = 67.8 C.F.
- B MAP 54 LOT 47-2**
 21.3 C.F. + 46.5 C.F. = 67.8 C.F.

PLAN OF LAND
 LOCATION
 314 EAST HAVERHILL STREET (RECORD)
 17-19 & 21-23 JOSEPHINE AVENUE (PROPOSED)
 LAWRENCE, MA
 PREPARED FOR
BREAD and ROSES HOUSING, INC.

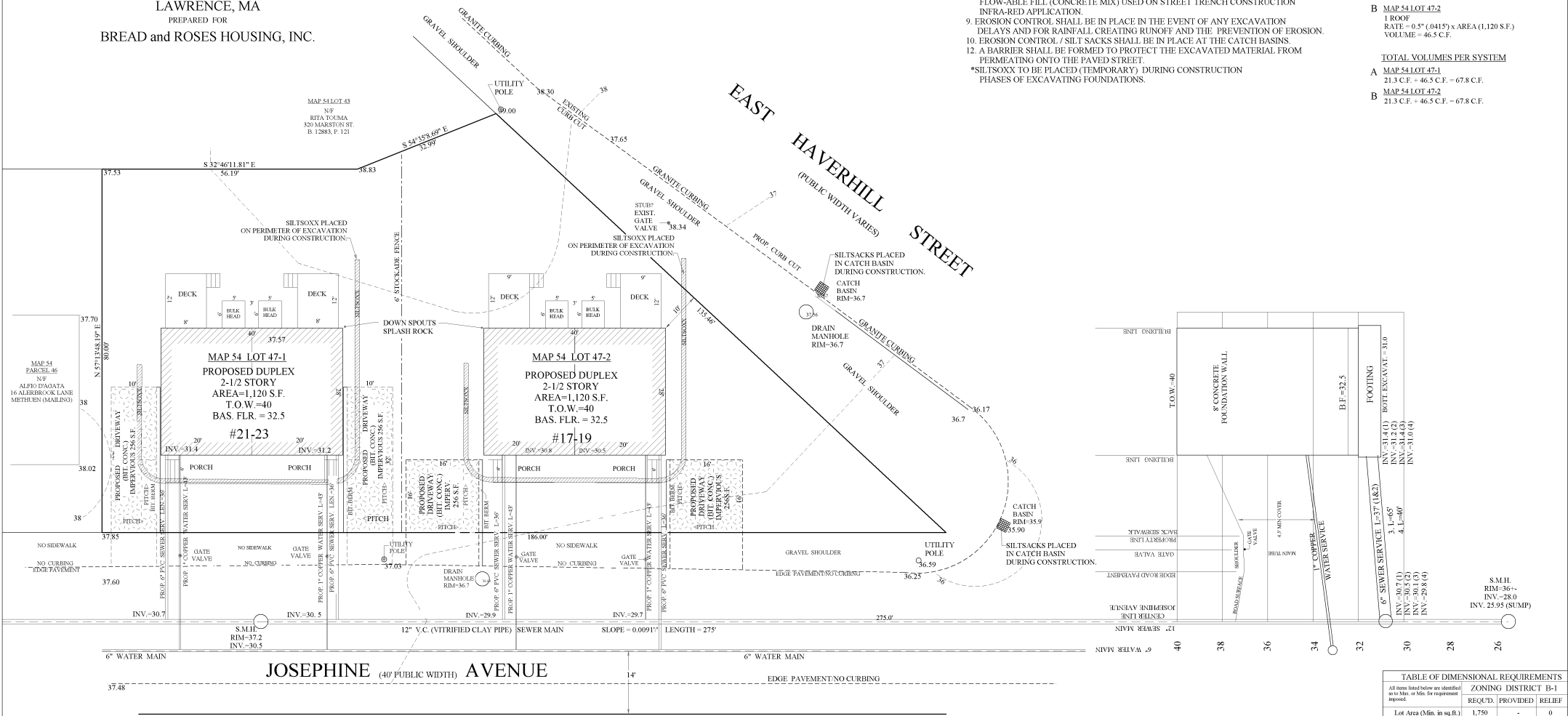


TABLE OF DIMENSIONAL REQUIREMENTS		ZONING DISTRICT B-1	
All dimensions shown are as identified, not to Min. or Max. for requirement imposed.		REQ'D.	PROVIDED
Lot Area (Min. in sq. ft.)	1,750	-	0
Lot Area per dwelling	-	X	0
Lot Frontage or width	-	X	0
Front	1	X	0
	Side *total Side	1	X
	Rear	1	X
Lot cover (max in %)	7		
Height Stories	3		
Height Feet	45 ft.		
Parking (on Site)	Table 4		
(On Site Loading)	Table 5		