

**GENERAL NOTES**

- ALL WORK PERFORMED AS PART OF THIS PROJECT SHALL CONFORM TO THE CITY OF SOMERVILLE, DEPT. OF PUBLIC WORKS AND ANY OTHER AGENCY WITH AUTHORITY IN THIS AREA.
- CONTRACTOR TO MAINTAIN WORK AREA IN A CLEAN CONDITION. NO CONSTRUCTION DEBRIS SHALL BE ALLOWED TO ACCUMULATE WITHIN THE WORKSITE AND NO DIRT, GRAVEL, ETC. SHALL BE ALLOWED TO ACCUMULATE ON THE PUBLIC RIGHT-OF-WAY.
- AREAS OUTSIDE THE LIMITS OF PROPOSED WORK DISTURBED BY THE CONTRACTOR'S OPERATIONS SHALL BE RESTORED BY THE CONTRACTOR TO THEIR ORIGINAL CONDITION AT THE CONTRACTOR'S EXPENSE.

**UTILITY & DRAINAGE NOTES**

- THE LOCATION OF AND SIZE OF BURIED UTILITIES ARE THE RESULT OF SURFACE EVIDENCE AS LOCATED BY FIELD SURVEY BY DESIGN CONSULTANTS INC., PLANS OF RECORD & PLANS FROM RESPECTIVE UTILITY COMPANIES.
- THIS PLAN DOES NOT NECESSARILY DEPICT THE EXACT LOCATION AND SIZE OF ALL UTILITIES WHICH MAY EXIST AT THIS TIME INSIDE OR OUTSIDE OF EXISTING OR PROPOSED BUILDINGS, ON THE SUBJECT PROPERTY, WITHIN THE STREET ROW, OR ON ABUTTING LOTS.
- THE CITY OF SOMERVILLE MUNICIPAL UTILITIES (WATER, SEWER, & DRAIN) ARE NOT PART OF DIG-SAFE. CONTACT THE CITY OF SOMERVILLE FOR THE MARKING OF SOMERVILLE MUNICIPAL UTILITIES, CONTACT DIG-SAFE AT 1-888-344-7233 OR 1-800-322-4844 AT LEAST 72 HOURS PRIOR TO EXCAVATION.
- THE LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHOWN ARE APPROXIMATE AND HAVE NOT BEEN INDEPENDENTLY VERIFIED BY THE OWNER OR ITS REPRESENTATIVE. THE CONTRACTOR SHALL FIELD VERIFY THE SIZE AND EXACT LOCATION OF ALL EXISTING UTILITIES BEFORE COMMENCING WORK, AND AGREES TO BE FULLY RESPONSIBLE FOR ANY AND ALL DAMAGES WHICH MIGHT BE OCCASIONED BY THE CONTRACTOR'S FAILURE TO EXACTLY LOCATE AND PRESERVE ANY AND ALL UNDERGROUND UTILITIES.
- ALL UTILITIES SHOWN ON THIS SITE ARE TO THE EXTERIOR OF THE BUILDING FOUNDATION ONLY. UTILITIES THROUGH THE FOUNDATION AND INSIDE THE BUILDING ARE THE RESPONSIBILITY OF THE MECHANICAL ENGINEER. SEE MECHANICAL ENGINEERING PLANS.
- THE CONTRACTOR IS RESPONSIBLE FOR VERIFYING AND RECORDING THE EXACT LOCATION OF ALL PROPOSED UTILITY CONNECTIONS.
- THE CONTRACTOR SHALL SUPPLY ALL PIPING FOR THE UTILITY SERVICES AND SHALL SUPPLY ALL ASSOCIATED APPURTENANCES, FITTING AND VALVES UNLESS NOTED OTHERWISE. THE CONTRACTOR SHALL PERFORM ALL WET AND DRY TAPS AS PART OF HIS/HER CONTRACT.
- CITY OF SOMERVILLE RESERVES THE RIGHT TO INSPECT ALL FACILITIES DISCHARGING TO THE CITY OF SOMERVILLE DRAIN AND/OR SEWER SYSTEMS.
- WHERE AN EXISTING UTILITY IS FOUND TO CONFLICT WITH THE PROPOSED WORK, THE LOCATION, ELEVATION AND SIZE OF THE EXISTING UTILITY SHALL BE INVESTIGATED WITHOUT DELAY BY THE CONTRACTOR, AND THE INFORMATION AND/OR ANY DISCREPANCIES WITH THE PLAN SHALL REPORT TO THE ENGINEER IMMEDIATELY FOR RESOLUTION OF THE CONFLICT.
- TRENCH AREAS FOR THE CONSTRUCTION OF THE UNDERGROUND UTILITIES ARE TO BE REPAATCHED WITH SAME MATERIAL AT THE SAME DEPTH AS THE EXISTING MATERIAL. THE AREAS OF TRENCHING SHALL BE NEATLY SAW-CUT AND THE NEW REPAATCHING MATERIAL SHALL BE PROPERLY SEALED IN ACCORDANCE WITH THE CITY OF SOMERVILLE MUNICIPAL STANDARDS.
- DURING EXCAVATION AND CONSTRUCTION OF PIPES AND STRUCTURES, TRENCHES MUST BE ADEQUATELY BRACED AND PROTECTED AGAINST CAVE-IN.
- NO TRENCHES WILL BE ALLOWED TO REMAIN OPEN OVERNIGHT. ALL TRENCHES SHALL BE BACKFILLED AT THE END OF THE WORK DAY OR COVERED WITH STEEL PLATES PER 520 CMR 14.00 EXCAVATION AND TRENCH SAFETY. IF STEEL PLATES ARE USED, THE TOTAL LENGTH OF PLATES IN THE TRAVELED WAY SHALL LIMITED TO 50 FEET.

**PIPE MATERIALS:**

DOMESTIC WATER SERVICE: 4 INCH DUCTILE IRON CEMENT LINED (DICL) CLASS 52  
 FIRE SERVICE: 6 INCH DUCTILE IRON CEMENT LINED (DICL) CLASS 52  
 ALL WATER LINES SHALL HAVE A MINIMUM OF FIVE (5) FEET OF COVER  
 SEWER: 6 INCH PVC SERVICE ASTM D3034-SDR 35 (MINIMUM SLOPE= 0.020)  
 OVERFLOW DRAIN: 6 INCH PVC ASTM D3034-SDR 35 (UNLESS OTHERWISE NOTED) MINIMUM SLOPE= 0.010  
 ROOF DRAIN: 6 INCH PVC ASTM D3034-SDR 35 (UNLESS OTHERWISE NOTED) MINIMUM SLOPE= 0.020 MINIMUM COVER= 2'

**PLANTING NOTES**

LANDSCAPE PLANTING TO CONSIST OF GROUND COVER AND SHRUBS. PLANT SPECIES TO INCLUDE THE FOLLOWING:  
 EVERGREEN SHRUBS;  
 SEAGREEN JUNIPER, 3'-3.5'; BRIGHT GREEN, FAST GROWING, NEAT COMPACT AND/ORRA JUNIPER, 15'-18'; FAST SPREADING, PURPLE FALL COLOR HYBRID YEW, 2'-3'; TALL SLENDER, UPRIGHT BROADLEAF SHRUBS;  
 JAPANESE HOLLY, 3'-3.5'; SPREADING MOUND, GROUND COVERS;  
 HAY-SCENTED FERN, 36"; NATIVE, FAST GROWING TALL GRASSES  
 COSMOPOLITAN MISCANTHUS, 6'-8'; WIDE VERIFATED BLADE. GIANT CHINESE SILVER GRASS, 8'-10'; SHOWY SIVERLY PLUMES.

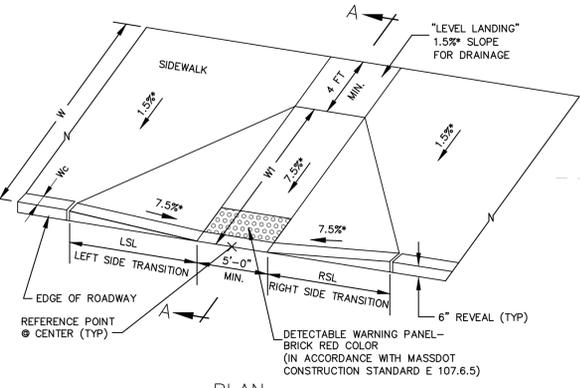
**ON SITE PARKING:**

1.5 SPACES REQUIRED PER 2 BEDROOM UNIT  
 7-2 BEDROOM x 1.5 = 10.5 SPACES  
 1 SPACE PER 6 UNITS VISITOR = 1.2 SPACES  
 11.7 SPACES REQUIRED  
 PROVIDED PARKING = 13 SPACES

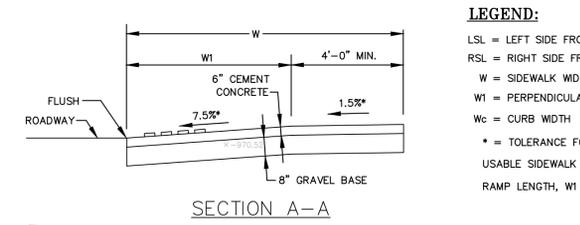
**LEGEND**

- HYDRANT
- WATER SHUT OFF
- WATER GATE
- UTILITY POLE
- GUY POLE
- CATCH BASIN (CB)
- DRAIN MANHOLE (DMH)
- SEWER MANHOLE (SMH)
- ELECTRIC MANHOLE
- UNKNOWN MANHOLE
- TELEPHONE MANHOLE
- MONITORING WELL
- GAS GATE
- DECIDUOUS TREE
- SIGN
- CHAIN LINK FENCE
- SEWER LINE
- GAS LINE
- WATER LINE
- TELEPHONE LINE
- OVERHEAD WRES
- ELECTRIC LINE
- DRAIN LINE
- RCP REINFORCED CONCRETE PIPE
- CI CAST IRON PIPE
- VC VITRIFIED CLAY PIPE
- INVERT
- WL WATER LEVEL
- NPV NO PIPES VISIBLE
- FFE FINISHED FLOOR ELEVATION
- SPOT GRADE
- TC TOP OF CURB GRADE
- BC BOTTOM OF CURB GRADE
- SD SURFACE DRAINAGE FLOW

**PLAN**

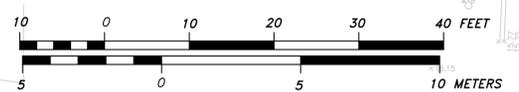


**SECTION A-A**



**LEGEND:**

- LSL = LEFT SIDE FRONT TRANSITION LENGTH
- RSL = RIGHT SIDE FRONT TRANSITION LENGTH
- W = SIDEWALK WIDTH
- W1 = PERPENDICULAR RAMP LENGTH
- Wc = CURB WIDTH
- \* = TOLERANCE FOR CONSTRUCTION ±0.5%
- USABLE SIDEWALK WIDTH PER AAB = W-Wc
- RAMP LENGTH, W1 = W-(4'-0") MIN



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SCALE:				
HORIZ: 1"= 10'				
VERT: _____				
NO.	DATE	BY	REVISIONS	
1	11/06/13	SBS	PROP DRAINAGE SYSTEM	

DESIGN: SBS  
 DRAFTED: SSW  
 CHECKED: DG  
 APPROVED: SBS

**SITE, GRADING, UTILITY & DRAINAGE PLAN**

47 HUNTING STREET

PLAN OF LAND IN  
 SOMERVILLE, MASSACHUSETTS

PREPARED FOR  
 FUD LLC

PROJECT NO.  
 2013-094  
 DATE: AUG. 30, 2013

SHEET NO.  
 C1