

















































1 MATERIALS & PLANTING PLAN

L1.1 SCALE: 1:200

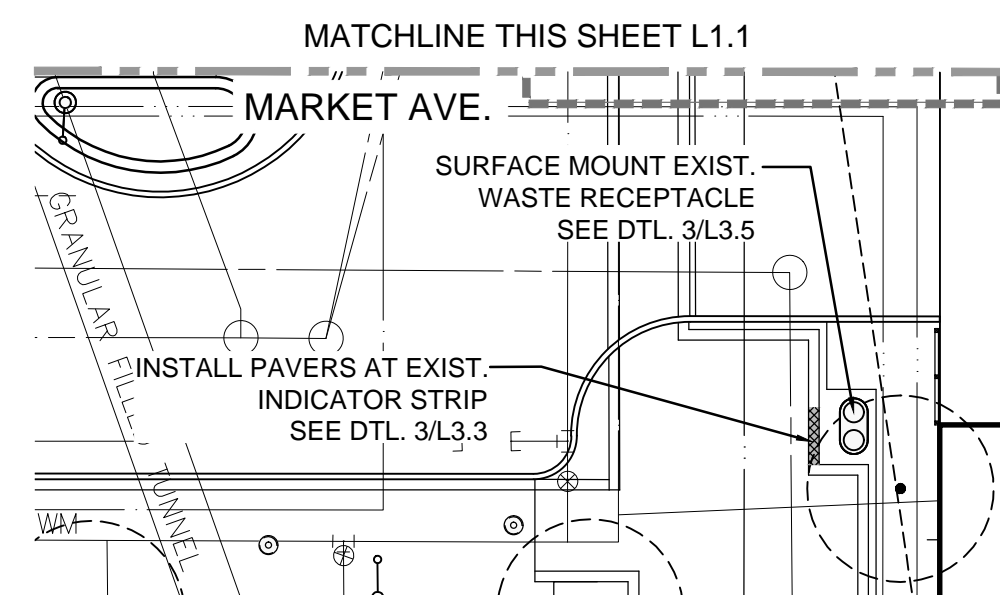
PLANT SPECIFICATION LIST

QTY	BOTANICAL / COMMON NAME	SIZE / REMARKS
<u>Deciduous Trees</u>		
6	<i>Alnus hirsuta</i> 'Harbin' / Prairie Horizon Alder	3.5m ht. single-stem 65mm cal. 12 major branches in well formed head 1.8m above grade, B & B, wire basket. Double stake.
4	<i>Ulmus americana</i> 'Brandon' / Brandon Elm	Single-stem 65mm cal. 12 major branches in well formed head 1.8m above grade, B & B, wire basket. Double stake.
<u>Deciduous Shrubs</u>		
21	<i>Physocarpus opulifolius</i> 'Dart's Gold' / Dart's Gold Ninebark	400-500mm dia. well formed shrub with even growth. Container stock (2 gal pot min.)
19	<i>Syringa patula</i> / Miss Kim Lilac	400-500mm dia. well formed shrub with even growth. Container stock (2 gal pot min.)

	WATERMAIN		→	ANCHOR					
	LAND DRAINAGE SEWER		#111	CIVIC ADDRESS					
	WASTE WATER SEWER			IRON BAR					
	HYDRO		•→	LIGHT STANDARD					
	M.T.S.		•	HYDRO POLE					
	GAS		□	CURB RAMP					
	SIGNALS			EDGE OF SIDEWALK					
○	MANHOLE			PROPERTY LINE					
□	CATCH BASIN			EDGE OF PAVEMENT					
△	CURB INLET			MODIFIED BARRIER CURB					DITCH
	UTILITIES ADJUSTED	△ □ ○		BARRIER CURB					ROADWAY CENTRE LINE
J	PLUG			BARRIER CURB & GUTTER					EDGE OF ROAD
◇	HYDRANT			EDGE OF CONCRETE					GUTTER
⊗	VALVE			EDGE OF GRAVEL					SIDEWALK
♂	CURB STOP			SIDEWALK					PROPERTY LINE
230.99	GROUND GRADE			CONCRETE					WATERMAIN
	PAVEMENT GRADE			ASPHALT					LAND DRAINAGE SEWER
	LOT GRADE			ASPHALT OVERLAY					WASTE WATER SEWER
EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PLAN	PROPOSED	EXISTING	LEGEND-PROFILE	PROPOSED	


PROTECTION AND PRUNING OF EXISTING TREES:

1. CONTRACTOR TO MARK OUT WORKING LIMITS FOR APPROVAL INCLUDING VERTICAL WORKING ROOM.
2. NO TREES MAY BE REMOVED OR PRUNED WITHOUT APPROVAL FROM THE CONTRACT ADMINISTRATOR.
3. ERECT 1.22m HT. SNOW FENCE FENCE TREE PROTECTION BARRIER AROUND INDIVIDUAL TREES AND TREE GROUPINGS ADJACENT TO NEW CONSTRUCTION. FIELD VERIFY LOCATION OF FENCE WITH CONTRACT ADMINISTRATOR PRIOR TO COMMENCEMENT OF CONSTRUCTION ACTIVITIES.
4. STRAP ALL INDIVIDUAL TREES TO CW1140.
5. ROOT CUTTING, WITH APPROVAL.
6. PRUNING BY PROFESSIONAL ARBORIST, AS SPECIFIED.



2 MATERIALS PLAN

L1.1 SCALE: 1:200

LOCATIONS APPROVED UNDERGROUND STRUCTURES	G.B.M. ELEV.				 HTFC PLANNING & DESIGN <small>500-115 Strawberry Avenue East, Waltham, MA 02154-0052 PHONE: 978-944-9907</small>										
	SIGNED BY: _____														
	SUPV U/G STRUCTURES _____		DATE _____												
	LOCATION OF UNDERGROUND STRUCTURES AS SHOWN ARE BASED ON THE BEST INFORMATION AVAILABLE BUT NO GUARANTEE IS GIVEN THAT ALL EXISTING UTILITIES ARE SHOWN OR THAT THE GIVEN LOCATIONS ARE EXACT CONFIRMATION OF EXISTENCE AND EXACT LOCATION OF ALL SERVICES MUST BE OBTAINED FROM THE INDIVIDUAL UTILITIES BEFORE PROCEEDING														
1		ISSUED FOR TENDER		28/02/18		JH		DESIGNED BY		JH		CHECKED BY		GM	
1		ISSUED FOR UG REVIEW		11/01/18		JH		DRAWN BY		JH		APPROVED BY		GM	
NO.		REVISIONS		DATE		BY		HOR. SCALE		AS NOTED		RELEASED FOR CONSTRUCTION			
								VERTICAL		AS NOTED					
								DATE		28/02/18		DATE			

PEDESTRIAN CROSSING SEE CIVIL

3 L2.2

3 L3.3

ROADWAY PAVEMENT SEE CIVIL

SIDEWALK PAVEMENT INDICATOR STRIP SEE DTL. 3/L3.3

BERTHA ST.

500 CI WM (TO BE ABANDONED)

APPROACH INDICATOR STRIP SEE DTL. 3/L3.3

ELGIN AVE.

14 DART'S GOLD NINEBARK

10 MISS KIM LILAC

HOLLAND PAVER CHARCOAL COLOUR PAVERS TO CW 3330 & SD-240A INCL. PLASTIC EDGE SUPPORT SOLDIER COURSE PERIMETER HERRINGBONE INTERIOR

2 BENCHES SEE DTL. 1/L3.5

HOLLAND PAVER NATURAL COLOUR PAVERS TO CW 3330 & SD-240A SOLDIER COURSE PERIMETER HERRINGBONE INTERIOR

4 BIKE RACKS SEE DTL. 2/L3.5

INSTALL PAVERS AT EXIST. SIDEWALK PAVEMENT INDICATOR STRIP SEE DETAIL 8/L3.3

100-WM (ABANDONED)

300 FOLY CS

300-CS (ABAND.)

MARKET AVE.

PLASTIC EDGE SUPPORT

7 DART'S GOLD NINEBARK

9 MISS KIM LILAC

MATCHLINE THIS SHEET L1.1

Feb 28, 2018 - 8:00pm
 \ps\HFC_FILE_SERVER\2017\17-074 NEE District Street Renewals\ACAD\17-074 Layout.dwg - tab:1.1 James