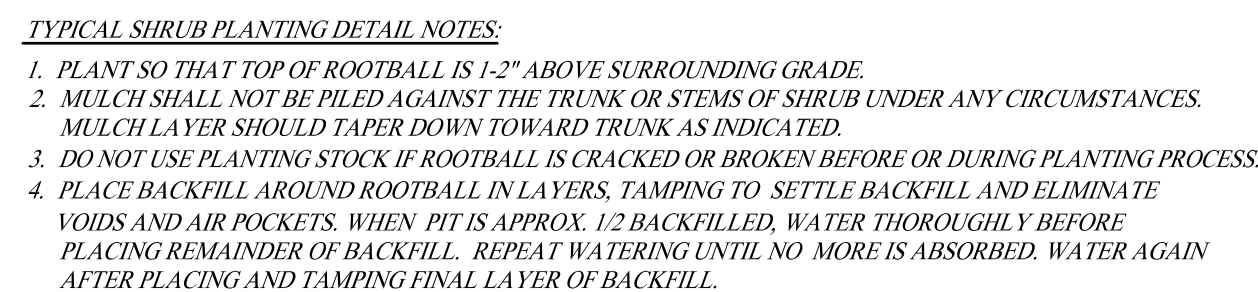


1. ANY MINOR MODIFICATIONS (AS DETERMINED BY THE CITY ENGINEER) TO THE INFORMATION SHOWN ON THE APPROVED SITE PLAN SHALL BE SUBMITTED TO THE CITY ENGINEER AS A MINOR SITE PLAN REVISION FOR APPROVAL PRIOR TO THE WORK BEING PERFORMED.
2. ANY WORK AND MATERIAL WITHIN THE CITY RIGHT-OF-WAY SHALL CONFORM TO THE CITY OF MARLBOROUGH REQUIREMENTS.
3. ALL HANDICAPPED PARKING, RAMPS, AND ACCESS SHALL CONFORM TO AAB REQUIREMENTS.
4. ALL EROSION MEASURES SHALL BE IN PLACE PRIOR TO CONSTRUCTION. EROSION CONTROL SHALL CONFORM TO THE CITY OF MARLBOROUGH CONSERVATION COMMISSION REQUIREMENTS AS STATED IN THE ORDER OF CONDITIONS.
5. ALL PAVEMENT MARKINGS AND SIGNS SHALL CONFORM TO MUTCD REQUIREMENTS.
6. THE CONTRACTOR SHALL OBTAIN A STREET OPENING PERMIT PRIOR TO ANY CONSTRUCTION WITHIN THE RIGHT-OF-WAY.
7. ALL WATER AND SEWER MATERIAL AND CONSTRUCTION SHALL CONFORM TO THE CITY OF MARLBOROUGH BEFORE BEING BACKFILLED.
8. THE CITY SHALL BE NOTIFIED AT LEAST 24 HOURS PRIOR TO THE REQUIRED INSPECTIONS.
9. EXISTING WATER AND SEWER STUBS TO THE STRUCTURES AT 81 GRANGER BLVD. AND 51 HOWE STREET SHALL BE REMOVED AND CAPPED AT THE RESPECTIVE MAINS PER CITY ENGINEERING REQUIREMENTS.
10. ALL UTILITY TRENCHING SHALL BE IN COMPLIANCE WITH APPLICABLE MASS. GENERAL LAWS BOTH ON AND OFF SITE. CONTRACTOR SHALL OBTAIN NECESSARY PERMITS FROM MARLBOROUGH ENGINEERING DEPARTMENT PRIOR TO COMMENCING WORK.



TRUNK FLARE JUNCTION: PLANT 1" TO 2" ABOVE EXISTING GRADE

EXISTING GRADE

UNDISTURBED SOIL

HOLE 3" AS WIDE AS ROOTBALL WITH SLOPED SIDES

APPLY THREE (3) INCHES OF MULCH OVER BACKFILLED SURFACES OF PIT. THOROUGHLY WATER MULCHED AREA. AFTER WATERING, RAKE MULCH TO PROVIDE UNIFORM FINISHED GRADE

DISH AND TAMP TOP OF BACKFILL TO FORM A 3-INCH HIGH MOUND AROUND THE RIM OF THE PIT. DO NOT COVER TOP OF ROOTBALL WITH BACKFILL.

CUT AND REMOVE BURLAP, ROPE & WIRE FROM TOP 1/3 OF ROOT BALL

BACKFILL WITH PLANTING MIXTURE

SET BALLED AND BURLAPPED STOCK PLUMB AND IN CENTER OF PIT, ON 2" DRAINAGE MOUND OF UNDISTURBED SOIL

1. HOLE TO BE DUG NO DEEPER THAN THE ROOTBALL AS MEASURED FROM THE TRUNK FLARE TO THE BOTTOM OF THE ROOTBALL.
2. MULCH SHALL NOT BE PILED AGAINST THE TRUNK OR STEMS OF SHRUB UNDER ANY CIRCUMSTANCES. MULCH LAYER SHOULD TAPER DOWN TOWARD TRUNK AS INDICATED.
3. DO NOT USE PLANTING STOCK IF ROOTBALL IS CRACKED, FROZEN, SETTLE BEFORE OR DURING PLANTING PROCESS.
4. PLACE BACKFILL AROUND ROOTBALL IN LAYERS, TAMPING DOWN EACH SETTLE BACKFILL AND ELIMINATE VOID SPACE. AIR LOCK WHEN BACKFILL IS APPROX. 1/2 CRACKLED WATER THROUGHLY BEFORE PLACING REMAINDER OF BACKFILL. REPEAT WATERING UNTIL NO MORE IS ABSORBED. WATER AGAIN AFTER PLACING AND TAMPING FINAL LAYER OF BACKFILL.

**TREES:**

|   |     |                                     |
|---|-----|-------------------------------------|
| 3 | CFP | Pyrus calleryana 'Chantrelle'       |
| 2 | HL  | Gleditsia triacanthos 'Shademaster' |
| 2 | RM  | Acer rubrum 'Red Sunset'            |
| 2 | ZEL | Zelkova serrata 'Green Emerald'     |

**SHRUBS/PERENNIALS:**

|    |      |                                   |
|----|------|-----------------------------------|
| 6  | DMP  | Pinus mugo 'Pumilio'              |
| 12 | EG   | Thuja occidentalis 'Smaragdina'   |
| 21 | FOTH | Fothergilla gardenii              |
| 17 | IG   | Ilex glabra 'Shamrock'            |
| 17 | LPS  | Spirea japonica 'Little Princess' |
| 6  | SGJ  | Juniperus chinensis 'Spartan'     |
| 12 | STE  | Stephanandra incisa               |
| 10 | WCO  | Cotoneaster salicifolius          |
| 54 | SDY  | Hemerocallis 'Stella D'Oro'       |

**ELEVATION BENCH MARKS**

| NO. | DESCRIPTION                                           | ELEV.  |
|-----|-------------------------------------------------------|--------|
| A   | "X" CUT SET ON HYDRANT BONNET BOLT ON PLEASANT STREET | 517.78 |
| B   | "X" CUT SET ON HYDRANT BONNET BOLT ON FRANKLIN STREET | 521.60 |

1) PROJECT SOURCE BENCHMARK IS BASED ON A SEWER INVERT AS SHOWN ON CHESTNUT STREET AS-BUILT PLAN ENTITLED "CHESTNUT STREET CONSTRUCTION LAYOUT PLAN" PREPARED FOR THE CITY OF MARLBOROUGH DATED JUNE 26, 2002, SHEET 3 OF 13. AS-BUILT VALUES CERTIFIED BY RICHARD J. LESLIE, PLS#38384. SAID SEWER MANHOLE IS REFERENCED AS SMH #8 WITH AN AS-BUILT INVERT OF 511.39.

| Qty                       | Key  | Botanical Name                       | Common Name                | Size      |
|---------------------------|------|--------------------------------------|----------------------------|-----------|
| <b>TREES:</b>             |      |                                      |                            |           |
| 3                         | CFP  | Pyrus calleryana 'Chanticleer'       | Chanticleer Flowering Pear | 2.5-3'cal |
| 2                         | HL   | Gleditsia triacanthos 'Skyline'      | Honeylocust                | 2.5-3'cal |
| 2                         | RM   | Acer rubrum 'Red Sunset'             | Red Sunset Maple           | 2.5-3'cal |
| 2                         | ZEL  | Zelkova serrata 'Green Vase'         | Green Vase Zelkova         | 2.5-3'cal |
| <b>SHRUBS/PERENNIALS:</b> |      |                                      |                            |           |
| 6                         | DMP  | Pinus mugo 'Pumillo'                 | Dwf. Mugo Pine             | 18-24"    |
| 12                        | EG   | Thuja occidentalis 'Smaragd'         | Emerald Green Arborvitae   | 5-6'      |
| 21                        | FOTH | Fothergilla gardenii                 | Dwarf Fothergilla          | 18-24"    |
| 17                        | IG   | Ilex glabra 'Shamrock'               | Shamrock Inkberry          | 2-2.5'    |
| 17                        | LPS  | Spiraea japonica 'Little Princess'   | Little Princess Spiraea    | 18-24"    |
| 6                         | SGJ  | Juniperus chinensis 'Sea Green'      | Sea Green Juniper          | 2-2.5'    |
| 12                        | STE  | Stephanandra incisa                  | Cutleaf Stephanandra       | 18-24"    |
| 10                        | WCO  | Cotoneaster salicifolius 'Repandens' | Willowleaf Cotoneaster     | 18-24"    |
| 54                        | SDY  | Hemerocallis 'Stella D'oro'          | Stella D'oro Daylily       | 1gal      |

SHADE DECIDUOUS TREE

ORNAMENTAL SHRUB/  
BROADLEAF EVERGREEN

PERENNIAL FLOWER

EVERGREEN SHRUB

SITE LIGHT

|     |    |     |         |                        |
|-----|----|-----|---------|------------------------|
|     |    |     |         |                        |
|     |    |     |         |                        |
|     |    |     |         |                        |
|     |    |     |         |                        |
|     |    |     |         |                        |
| 3   | FB | JP  | 1/14/11 | FOR SPRC               |
| 2   | FB | JP  | 9/22/10 | DUMPSTER LAYOUT        |
| 1   | FB | JP  | 9/16/10 | DUMPSTER LAYOUT        |
| NO. | BY | APP | DATE    | ISSUE/REV. DESCRIPTION |

## 5

|              |       |
|--------------|-------|
| PROJECT NO.: | 16055 |
|--------------|-------|

| NO. | DESCRIPTION                                              | ELEV.  |
|-----|----------------------------------------------------------|--------|
| A   | "X" CUT SET ON HYDRANT BONNET BOLT<br>ON PLEASANT STREET | 517.78 |
| B   | "X" CUT SET ON HYDRANT BONNET BOLT<br>ON FRANKLIN STREET | 521.60 |

- 1) PROJECT SOURCE BENCHMARK IS BASED ON A SEWER INVERT AS SHOWN ON CHESTNUT STREET AS-BUILT PLAN ENTITLED "CHESTNUT STREET CONSTRUCTION LAYOUT PLAN" PREPARED FOR THE CITY OF MARLBOROUGH DATED JUNE 26, 2002, SHEET 3 OF 13. AS-BUILT VALUES CERTIFIED BY RICHARD J. LESLIE, PL#S#38384, SAID SEWER MANHOLE IS REFERENCED AS SMH #8 WITH AN AS-BUILT INVERT OF 511.39.
- 2) THE HORIZONTAL DATUM IS BASED ON TOWN OF MARLBOROUGH MAPPING WHICH IS PURPORTED BE BE NORTH AMERICAN DATUM OF 1983 (NAD'83).

SCALE: 1" = 20'

