<table>
<thead>
<tr>
<th>Plant Type</th>
<th>Variety</th>
<th>Quantity</th>
<th>Height/Width</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Trees</td>
<td>Acer x freemani 'Armstrong' Fastigiate Red Maple</td>
<td>1</td>
<td>2.5&quot; cal. B&amp;B</td>
<td></td>
</tr>
<tr>
<td>Shrub</td>
<td>Thuja occidentalis 'Emerald Green' Emerald Green Arborvitae</td>
<td>1</td>
<td>6-7'</td>
<td></td>
</tr>
</tbody>
</table>

**PROPOSED PLANT LISTS**

**Trees:**
1. Acer x freemani 'Armstrong' Fastigiate Red Maple (2.5" cal. B&B)
2. Thuja occidentalis 'Emerald Green' Emerald Green Arborvitae (6-7' B&B)

**Shrubs:**
1. Ilex meservae Meserve Holly (24-36" Pots, 1 shall be male)
2. Rhododendron Ramapo Ramapo Rhododendron (36" ht.)
3. Viburnum carlesii Koreanspice Viburnum (4'-5' B&B)

**Perennials:**
1. Calamagrostis acutiflora 'Karl Foerster' Feather Reed Grass (2 gal. Pots)
2. Delphinium elatum 'Guardian Blue' Guardian Blue Delphinium (1 gal. Pots)
3. Nepeta fasenii 'Walker's Low' Walker's Low Catmint (2 gal. Pots)
4. Rudbeckia fulguda var. sullivanti 'Little Goldstar' Little Goldstar Coneflower (1 gal. Pots)
5. Salvia nemorosa 'Pink Friesland' Pink Friesland Salvia (1 gal. Pots)
6. Tiarella cordifolia 'Running Tapestry' Running Tapestry Foam Flower (1 gal. Pots)

**ILLUSTRATIVE LANDSCAPE PLAN**
- Emerald Green Arborvitae
- Meserve Holly
- Catmint
- Koreanspice Viburnum
- Feather Reed Grass
- Ramapo Rhododendron
- Running Tapestry Foam Flower
- Pink Friesland Salvia
- Guardian Blue Delphinium
DESIGN CRITERIA


2. LOADS
   A) DEAD LOADS
      1) roof 10 psf
      2) floor 15 psf
   B) LIVE LOADS
      1) first floor 40 psf
      2) second floor 30 psf
      3) Attic Areas 20 psf
   C) GROUND SNOW LOAD: 40 psf
   D) DESIGN WIND SPEED: 100 mph
   F) SUNDECK FLOOR LOAD: 40 psf
CONCRETE:
1. ALL CONCRETE WORK AND MATERIALS SHALL COMPLY WITH THE SPECIFICATIONS FOR STRUCTURAL CONCRETE FOR BUILDINGS (AGC 301-49)
2. ALL CONCRETE SHALL HAVE A 28 DAY COMPREHENSIVE STRENGTH OF 3000 PSI WITH MAX. 1 INCH AGGREGATE AND MAX. 6% AIR ENTRAINMENT FOR EXPOS OF CONCRETE EXPOSED TO MOISTURE.
3. ALL REINFORCING STEEL SHALL BE DEFORMED BARS OF NEW BILLET STEEL CONFORMING TO ASTM A 416 GRADE 40.
4. CONCRETE COVER OF REBARS SHALL BE AS FOLLOWS:
   A) 3" AT CONCRETE PLACED DIRECTLY ON EARTH
   B) 2" AT ALL OTHER LOCATIONS
5. NO HORIZONTAL CONSTRUCTION JOISTS ALLOWED UNLESS SPECIFICALLY SHOWN ON THE DRAWINGS OR ALLOWED IN WRITING BY THE ENGINEER.
6. REINFORCING BAR EMERGENCY LENGTH STANDARD B80.

FOUNDATIONS:
1. THE ALLOWABLE PRESUMED SOIL BEARING CAPACITY IS SHOWN WHICH IS TO BE VERIFIED.
2. FOOTINGS SHALL BE CARRIED TO LOWER ELEVATION SHOWN ON DRAWINGS IF REQUIRED TO REACH PROPER SOIL BEARING.
3. WALLS ACTING AS RETAINING WALLS SHALL NOT BE BACKFIRED WITHOUT BEARING UNTIL ALL SUPPORTING BRACES AND SLABS ARE IN PLACE AND AT ADEQUATE STRENGTH.
4. COMPACT ALL FILL UNDER FOOTINGS AND SLABS TO THE SPECIFIED DENSITY AND VARY AT 90° ANGLES.

5/8"X12" ANCHOR BOLTS W/3/4"X8-3 BEARING PLATES:
BOLTS EMBEDDED MIN 7" INTO CONCRETE AND SPACED AT 12" FROM EA. CORNER AND 48"OC IN FIELD

Edward H. Yeomans
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NOTE:
Garage house wall and entire ceiling to receive 5/8" gypsum board, door from garage to house to be 20 minute rated.

NOTE:
All mechanical vents in bathrooms, laundry room and kitchen must be vented to building exterior.
Insulation specifications

Maximum U-factor .30

Ceiling or exposed floors R-49
Exterior walls R-31
Floors R-38
Basement walls R-10

Wall & floor fastening

1/4" cdx plywood wall sheathing:
1st floor 8d common @ 4" oc edges 6" field
2nd floor 8d common @ 4" oc edges 8" field

1/4" UL T&G plywood sub floor:
1st floor 8d spiral threaded nails @ 6" oc
edges 12" field FS-400 construction adhesive
or equal required at all plywood to joint locations.

Roof sheathing fastening

5/8" cdx plywood sheathing:
8d common @ 4" gables and valleys 8" oc edges
8" field

Garage Wall Section

3/8" x 2 1/4" ANCHOR BOLTS W/SIMPSON
BF-58K-3 BEARING PLATES, EMBOSSED
MIN 3" INTO CONCRETE AND SPACED
12" FROM EA CORNER AND 8" OC FIELD

Garage Roof: Complete Floor Sheathing