**GRADING AND DRAINAGE NOTES:**

1. Contractor shall install catch basins at low points, as indicated on the plan sheet for catch basin layout. Catch basin shall be edging with edger edge of curb.
2. All ditches are to the face of curb. Edge of pavement, intersection, property line, or edge of building. Catch basin spacing should be for the cross structure and to the center of structure.
3. Graded cross slopes shall have a depth of 2:1.
4. Catch basin and manholes shall be per the plan (C7.0A) and C7.1A-10 type B. Edger edge of curb. Catch basin pressure, slopes, manholes, and catch basin shall be for the standard plan (C7.0A).
5. Catch basin and manhole shall be for the standard plan (C7.0A) and C7.1A-10.
6. Storm drain pipes shall be installed per storm drain plan.
7. See Wet Plans for grading and drain pipe configuration.
8. Dimensioning and standard for drainage structures are in center of structure unless otherwise noted.

**DRAINAGE STRUCTURE TABLE**

<table>
<thead>
<tr>
<th>#</th>
<th>TYPE</th>
<th>PLAN</th>
<th>NORTH</th>
<th>SOUTH</th>
<th>EAST</th>
<th>WEST</th>
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</thead>
<tbody>
<tr>
<td>A1</td>
<td>TYPE 1, C7.0A</td>
<td>SUPERCURB</td>
<td>105.90</td>
<td>120.20</td>
<td>120.20</td>
<td>105.90</td>
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<tr>
<td>A2</td>
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<td>SUPERCURB</td>
<td>115.90</td>
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<tr>
<td>A3</td>
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<tr>
<td>A4</td>
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<td>SUPERCURB</td>
<td>135.90</td>
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</tr>
<tr>
<td>B</td>
<td>TYPE 1, C7.0A</td>
<td>SUPERCURB</td>
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<td>120.20</td>
<td>105.90</td>
</tr>
<tr>
<td>C</td>
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<td>120.20</td>
<td>105.90</td>
</tr>
<tr>
<td>D</td>
<td>TYPE 2, C7.0A</td>
<td>SUPERCURB</td>
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<td>120.20</td>
<td>105.90</td>
</tr>
<tr>
<td>E</td>
<td>TYPE 3, C7.0A</td>
<td>SUPERCURB</td>
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<td>120.20</td>
<td>120.20</td>
<td>105.90</td>
</tr>
</tbody>
</table>

**LEGEND**

- **PROPOSED BUILDING**
- **TYPE 1 CATCH BASIN**
- **TYPE 2 CATCH BASIN**
- **GROUNDS FOR SW RCP C7.0A**
- **GROUNDS FOR SW RCP C7.0A**
- **STORM DRAIN**
- **SANITARY SEWER RCP**
- **WATER SERVICE RCP**
- **FIRE SERVICE RCP**
- **GAS SERVICE RCP**
- **CRANE BRAKE LINE**
- **GRACE BREAK LINE**
**Project Title:** Kirkland, Washington

**City of Kirkland**

**Project No.:** 1700011

**AS NOTED**

Call 811 two business days before you dig

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