

- TREE LEGEND**
- LANDMARK TREE TO BE RETAINED
  - TREE TO BE RETAINED
  - IMPACTED TREE TO BE RETAINED
  - NON-VIABLE TREE TO BE RETAINED
  - NON-VIABLE TREE TO BE IMPACTED
  - LANDMARK TREE (TO BE REMOVED)
  - UNHEALTHY TREE (TO BE REMOVED)
  - TREE (TO BE REMOVED)
  - 5' DRIP LINE OFFSET
  - TREE CONIFEROUS
  - TREE DECIDUOUS W/ DRIPLENE
  - 841 TREE TAG NUMBER
  - CW COTTON WOOD TREE
  - F FIR TREE
  - M MAPLE TREE
  - A ALDER TREE
  - S SPRUCE TREE
  - C CEDAR TREE
  - P PINE TREE

NO.	DATE	DESCRIPTION	BY
1	1-20-15	REVISED PER CITY COMMENTS	MWM
2	3-03-15	REVISED PER ARBORIST	MWM
3	7-08-15	REVISED PER CITY COMMENTS	MWM
4	8-11-15	REVISED PER ARBORIST	MWM

**Engineering Structural Planning Survey**

**LDC**  
THE CIVIL ENGINEERING GROUP  
14201 NE 200th St., #100  
Woodinville, WA 98072  
Ph. 425.806.1869  
Fax. 425.482.2883  
www.LDCorp.com

**QUADRANT HOMES**  
**HEATHERS RIDGE SOUTH**  
**TREE PRESERVATION PLAN**

**UTILITY LEGEND**

SYMBOL	DESCRIPTION
	TYPE 1 CATCH BASIN, GRATED LID
	TYPE 1 CATCH BASIN, SOLID LID
	TYPE 2 CATCH BASIN, GRATED LID
	TYPE 2 CATCH BASIN, SOLID LID
	STORM PIPE
	SEWER MANHOLE
	WATER METER
	HYDRANT
	SEWER PIPE
	WATER PIPE
	PROPOSED BIO-SWALE/ROADSIDE DITCH

**NON-VIABLE TREES IN NGPE**  
PROPOSED ACTION AND BRIEF DEFINITION

TREE TYPE	REMOVAL	IMPACTED	RETAINED	TOTAL
LANDMARK (>30" DBH)	NUMBER OF REMOVED LANDMARK TREES	NUMBER OF IMPACTED LANDMARK TREES	NUMBER OF RETAINED LANDMARK TREES	TOTAL LANDMARK TREES
	0	0	1	1
	% OF REMOVED LANDMARK TREES OF ALL LANDMARK TREES	% OF IMPACTED LANDMARK TREES OF ALL LANDMARK TREES	% OF RETAINED LANDMARK TREES OF ALL LANDMARK TREES	% LANDMARK TREES OF ALL TREES
SIGNIFICANT (6" - 30")	NUMBER OF REMOVED SIGNIFICANT TREES	% IMPACTED OF ALL SIGNIFICANT TREES	NUMBER OF RETAINED SIGNIFICANT TREES	TOTAL SIGNIFICANT TREES
	0	8	2	10
	% SIGNIFICANT REMOVED OF ALL SIGNIFICANT TREES	% IMPACTED OF ALL SIGNIFICANT TREES	% RETAINED OF ALL SIGNIFICANT TREES	% SIGNIFICANT TREES OF ALL TREES
TOTALS	NUMBER OF LANDMARK + SIGNIFICANT REMOVED TREES	NUMBER OF LANDMARK + SIGNIFICANT IMPACTED TREES	NUMBER OF LANDMARK + SIGNIFICANT RETAINED TREES	TOTAL NUMBER OF ALL TREES
	0	8	3	11
	% REMOVED OF ALL TREES	% IMPACTED OF ALL TREES	% RETAINED OF ALL TREES	
	0/11 = 0%	8/11 = 73%	3/11 = 27%	11/11 = 100%

**VIABLE TREES**  
PROPOSED ACTION AND BRIEF DEFINITION

TREE TYPE	REMOVAL	IMPACTED	RETAINED	TOTAL
LANDMARK (>30" DBH)	NUMBER OF REMOVED LANDMARK TREES	NUMBER OF IMPACTED LANDMARK TREES	NUMBER OF RETAINED LANDMARK TREES	TOTAL LANDMARK TREES
	1	0	2	3
	% OF REMOVED LANDMARK TREES OF ALL LANDMARK TREES	% OF IMPACTED LANDMARK TREES OF ALL LANDMARK TREES	% OF RETAINED LANDMARK TREES OF ALL LANDMARK TREES	% LANDMARK TREES OF ALL TREES
SIGNIFICANT (6" - 30")	NUMBER OF REMOVED SIGNIFICANT TREES	% IMPACTED OF ALL SIGNIFICANT TREES	NUMBER OF RETAINED SIGNIFICANT TREES	TOTAL SIGNIFICANT TREES
	7	3	6	16
	% SIGNIFICANT REMOVED OF ALL SIGNIFICANT TREES	% IMPACTED OF ALL SIGNIFICANT TREES	% RETAINED OF ALL SIGNIFICANT TREES	% SIGNIFICANT TREES OF ALL TREES
TOTALS	NUMBER OF LANDMARK + SIGNIFICANT REMOVED TREES	NUMBER OF LANDMARK + SIGNIFICANT IMPACTED TREES	NUMBER OF LANDMARK + SIGNIFICANT RETAINED TREES	TOTAL NUMBER OF ALL TREES
	8	3	8	19
	% REMOVED OF ALL TREES	% IMPACTED OF ALL TREES	% RETAINED OF ALL TREES	
	8/19 = 42%	3/19 = 16%	8/19 = 42%	100%

**REPLACEMENT TREES**

REMOVED LANDMARK (3:1)	1	3
REMOVED SIGNIFICANT (1:1)	7	7
TOTALS # OF REPLACEMENT TREES	8	10

**35% TREE RETENTION**

RMC REQUIRED 35% OF SIGNIFICANT TREE BE RETAINED	19x35% = 6 TREES
PROPOSED IMPROVEMENTS RETAIN 8 TREES	

THIS DEVELOPMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2014 CITY OF REDMOND STANDARD SPECIFICATION AND DETAILS.

**APPROVED FOR CONSTRUCTION:**

FOR: DIRECTOR OF PUBLIC WORKS CITY OF REDMOND

DATE: 11-3-14

SCALE: 1"=20'

JURISDICTION: REDMOND

FOR: MWM

DRAFTING BY: RCR

DATE: 11-3-14

SCALE: 1"=20'

JURISDICTION: REDMOND

**Call 2 Business Days Before You Dig**  
**1-800-424-5555**  
Utilities Underground Location Center (ID,MT,ND,OR,WA)

**MATTHEW MERRITT**  
REGISTERED PROFESSIONAL ENGINEER  
No. 14888

JOB NUMBER: 13-171  
DRAWING NAME: 13171P-TP-01  
DESIGNER: MWM  
DRAFTING BY: RCR  
DATE: 11-3-14  
SCALE: 1"=20'  
JURISDICTION: REDMOND

**TR-01**

SHEET 5 OF 6

Drawing: P:\2013\13-171\_Ellsworth Drawings\Preliminary\13171P-TP-01.dwg Plotted: Aug 11, 2015 - 2:43pm

ONSITE TREES

Table with columns: #, Tree Tag #, Species ID, DBH inches, Adj. DBH inches, Drip-line Radius feet, Health, Defects/Comments, Proposed Action, CRZ/TP Z/LOD, Tree Value. Contains 48 tree records with detailed specifications and actions.

Table with columns: #, Tree Tag #, Species ID, DBH inches, Adj. DBH inches, Drip-line Radius feet, Health, Defects/Comments, Proposed Action, CRZ/TP Z/LOD, Tree Value. Contains 19 tree records for off-site areas.

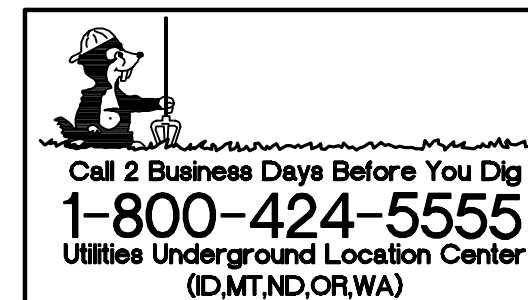
OFFSITE TREES

Table with columns: #, Tree Tag #, Species ID, DBH inches, Adj. DBH inches, Drip-line Radius feet, Health, Defects/Comments, Proposed Action, CRZ/TP Z/LOD, Tree Value. Contains 30 tree records for off-site areas.

THIS DEVELOPMENT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE 2014 CITY OF REDMOND STANDARD SPECIFICATION AND DETAILS.

APPROVED FOR CONSTRUCTION:

FOR: DIRECTOR OF PUBLIC WORKS CITY OF REDMOND. DATE: PLAN CHK ENGR: UTILITY: STORM: FIRE DEPT: TRANS / ENGR: PLANNING DEPT:



THIS APPROVAL IS FOR THE DESIGN CONCEPT ONLY. THESE PLANS APPEAR TO BE IN CONFORMANCE WITH THE CITY OF REDMOND DESIGN STANDARDS FOR CONSTRUCTION. THIS APPROVAL SHALL NOT BE CONSIDERED AS AUTHORIZING CONSTRUCTION...

REVISIONS

Table with columns: NO., DATE, DESCRIPTION. Lists revision details.

LDC Engineering Structural Planning Survey logo and contact information: 14201 NE 200th St. #100, Woodinville, WA 98072

QUADRANT HOMES HEATHERS RIDGE SOUTH TREE PRESERVATION TABLE



JOB NUMBER: 13-171 DRAWING NAME: E3.171P-TP-01 DESIGNER: MWM DRAFTING BY: RCR DATE: 11-3-14 SCALE: AS NOTED JURISDICTION: REDMOND

TR-02