

CITY OF FLAGSTAFF
APN: 104-08-011A

EXISTING FOREST
RESOURCES REMOVED
(TYP)

EXISTING FOREST
RESOURCES PROTECTED
(TYP)

EXISTING STEEP
SLOPE (17-25%)
AREA, SEE
CALCULATIONS

PINE KNOLL DR

LONE TREE RD

PROJECT PROPERTY

LEGEND

- EXISTING CONTOUR MINOR
- EXISTING CONTOUR MAJOR
- W EXISTING WATERLINE
- RW EXISTING RECLAIMED WATERLINE
- S EXISTING SEWER MAIN
- OHE EXISTING OVERHEAD ELECTRIC
- UGE EXISTING UNDERGROUND ELECTRIC
- T EXISTING TELECOMM
- EXISTING STORMDRAIN
- G EXISTING GAS
- EXISTING RIGHT-OF-WAY
- EXISTING PROPERTY LINE
- EXISTING PEDESTRIAN EASEMENT
- EXISTING SLOPE EASEMENT
- W PROPOSED WATERLINE
- FW PROPOSED FIRE LINE
- S PROPOSED SEWER
- PROPOSED STORMDRAIN
- PROPOSED FIRE HYDRANT
- EXISTING TREE DEMO
- EXISTING TREE PROTECTED
- FIRE DEPARTMENT CONNECTION
- PROPOSED SEWER MANHOLE
- PROPOSED CATCH BASIN
- EXISTING LIGHT POLE
- EXISTING POWER POLE
- EXISTING GUY WIRE
- EXISTING ELECTRIC BOX
- EXISTING TELEPHONE JUNCTION BOX
- EXISTING WATER VALVE
- EXISTING WATER METER BOX
- EXISTING SEWER MANHOLE
- EXISTING GAS METER
- EXISTING CATCH BASIN
- EXISTING STORMDRAIN MANHOLE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO BE REMOVED
- EXISTING SIGN
- EXISTING FIRE HYDRANT
- EXISTING DRAINAGE FLOW ARROW

RESOURCE	REQUIRED PROTECTION	EXISTING (SF)	REQUIRED (SF)	PROVIDED (SF)	PROVIDED (%)	ADDITIONAL FOREST POINTS
NATURAL SLOPE 17%-24.99%	70%	22,996	16,097	21,298	93%	104
NATURAL SLOPE 25%-34.99%	80%	NONE	NONE	NONE	NONE	NONE
NATURAL SLOPE > 35%	100%	NONE	NONE	NONE	NONE	NONE
RURAL AND URBAN FLOODPLAIN	100%	NONE	NONE	NONE	NONE	NONE
ARCH & HISTORICAL PRESERVATION	100%	NONE	NONE	NONE	NONE	NONE
WETLANDS	100%	NONE	NONE	NONE	NONE	NONE

* 1 FOREST POINT PER 50 SF EXTRA PROTECTED STEEP SLOPE

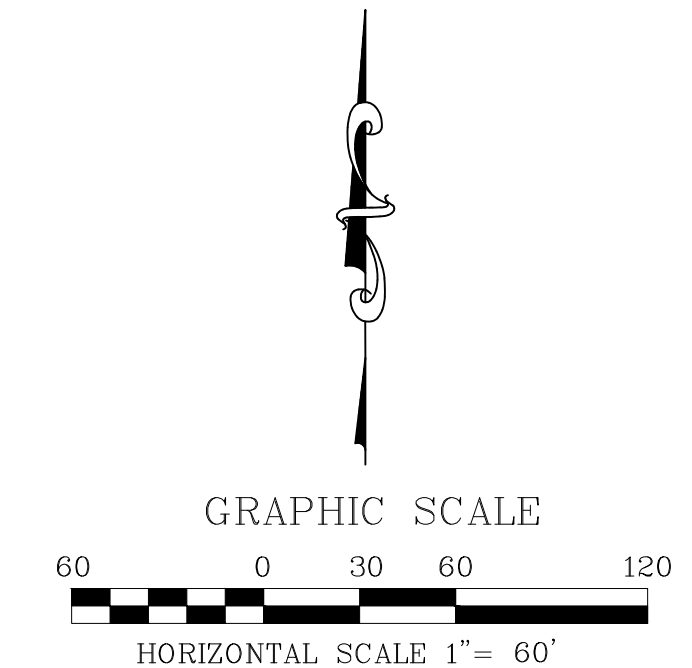
Forest Resource Calculation							
Tree Size	Points Value	Total	Total Points	Demolished	Demolished Points	Protected	Protected Points
6	1	22	22	11	11	11	11
7	1	2	2	1	1	1	1
8	1	22	22	14	14	8	8
9	2	4	8	2	4	2	4
10	2	49	98	37	74	12	24
11	2	7	14	6	12	1	2
12	2	45	90	36	72	9	18
13	4	6	24	5	20	1	4
14	4	59	236	52	208	7	28
15	4	3	12	2	8	1	4
16	4	39	156	34	136	5	20
17	4	2	8	2	8	0	0
18	8	33	264	31	248	2	16
19	8	4	32	4	32	0	0
20	8	18	144	18	144	0	0
21	8	0	0	0	0	0	0
22	8	13	104	13	104	0	0
23	8	1	8	0	0	1	8
24	8	16	128	9	72	7	56
25+	20	42	840	29	580	13	260
Totals:		387	2212	306	1748	81	464

FOREST RESOURCE CALCULATIONS

EXISTING FOREST RESOURCE POINTS = 2212 POINTS
 REQUIRED FOREST RESOURCE POINT PROTECTION (25%) = 553 POINTS
 PROVIDED FOREST RESOURCE POINT PROTECTION = 464 POINTS
 FOREST RESOURCE PROTECTION POINTS, EXCESS STEEP SLOPE PROTECTION = 104 PTS
 TOTAL FOREST RESOURCE PROTECTED POINTS = 568 POINTS

RESOURCE CALCULATION NOTES

PROJECT IS 100% CATEGORY 1 AFFORDABLE HOUSING, THEREFORE RESOURCE CALCULATIONS UTILIZE THE FOLLOWING AFFORDABLE HOUSING INCENTIVES:
 1. AFFORDABLE INCENTIVE #1 RESOURCE PROTECTION STANDARDS
 • COUNT TREES ON STEEP SLOPES
 • REDUCE FOREST RESOURCE PROTECTION BY 50% PER TABLE 10-30.20.040.B
 RESIDENTIAL FOREST RESOURCE CALCULATION REQUIREMENT BASED ON THE ABOVE INCENTIVES:
 • 50% X [1-0.5 (INCENTIVE 1)] = 25% FOREST RESOURCE REQUIRED PROTECTION
 FOREST RESOURCE POINT CALCULATIONS ARE BASED UPON THE POST-THINNED CONDITION RESULTING FROM CITY OF FLAGSTAFF APPROVED FOREST STEWARDSHIP PLAN FOR THE PROJECT PROPERTY WHICH ALIGNS WITH THE CITY OF FLAGSTAFF'S FOREST MANAGEMENT PLAN



NO.	DATE	ITEM

ENGINEERING • PLANNING • SURVEYING
 LANDSCAPE ARCHITECTURE • URBAN DESIGN
The WLB Group, Inc.
 OFFICE LOCATIONS:
 TUCSON, PHOENIX, FLAGSTAFF, LAS VEGAS, NV
 120 N. BEAVER STREET SUITE 100, FLAGSTAFF, AZ 86001
 PH: (929) 719-1500

LONE TREE RANCH
 PRELIMINARY NATURAL
 RESOURCE PROTECTION PLAN

Preliminary
 Not for
 Construction

DESIGNED BY: WLB
 DRAWN BY: KK
 CHECK BY: BJ
 DATE: SEPTEMBER 2025

PROJECT NO.
 317011B002
 SHEET
C2.0