

# Boondocks Site Calculations

## Parker, CO Crown Point Center

Parking	126,496.00 sf	2.90 acre(s)	32.1% of total site
Landscape Islands	12,674.00 sf	10% of parking lot	
<b>Total Parking Area</b>	<b>126,496.00 sf</b>	<b>2.90 acre(s)</b>	<b>32.1% of total site</b>
'Green' Space	77,467.00 sf	1.78 acre(s)	19.7% of total site
Landscape w/o Parking Islands	64,793.00 sf	1.49 acre(s)	16.5% of total site
Hardscape	27,571.00 sf	0.63 acre(s)	7.0% of total site
Entry Plaza	3,987.00 sf		
Rear Patio	23,584.00 sf		
<b>Total Landscape Area</b>	<b>105,038.00 sf</b>	<b>2.41 acre(s)</b>	<b>26.7% of total site</b>
Main Building	60,480.00 sf	1.39 acre(s)	15.4% of total site
Maintenance Building	1,950.00 sf		
Pump House	248.00 sf		
<b>Total Building Area</b>	<b>62,678.00 sf</b>	<b>1.44 acre(s)</b>	<b>15.9% of total site</b>
Attractions	65,142.00 sf	1.50 acre(s)	16.5% of total site
Bumper Boats Pond	8,671.00 sf		
Go Cart Tracks	56,471.00 sf	1.30 acre(s)	14.3% of total site
Back of House Circulation	34,340.00 sf	0.79 acre(s)	8.7% of total site
<b>Total Attraction Area</b>	<b>99,482.00 sf</b>	<b>2.28 acre(s)</b>	<b>25.3% of total site</b>
<b>Total Site</b>	<b>393,695.60 sf</b>		<b>9.04 acre(s)</b>

## Plant Material Areas (Entire Site)

Site Area Description	Size/Sq. Ft.
Turf Areas - Reveille Texas hybrid bluegrass (Irrigated)	27,696 Sq. Ft.
Planting Areas (Irrigated)	31,380 Sq. Ft.
<b>Total Landscape Area</b>	<b>59,076 Sq. Ft.</b>

## Parking Area Landscape Island Summary

Area/Sq. Ft.	Trees			Notes
	Deciduous/Ornamental	Evergreen	Shrubs	
12,674 Sq. Ft.	48	1	272	99

Area/Sq. Ft.	Trees			Notes
	Deciduous/Ornamental	Evergreen	Shrubs	
64,793 Sq. Ft.	93	76	1236	625
				Evergreen Trees = 45% Deciduous Trees = 55%

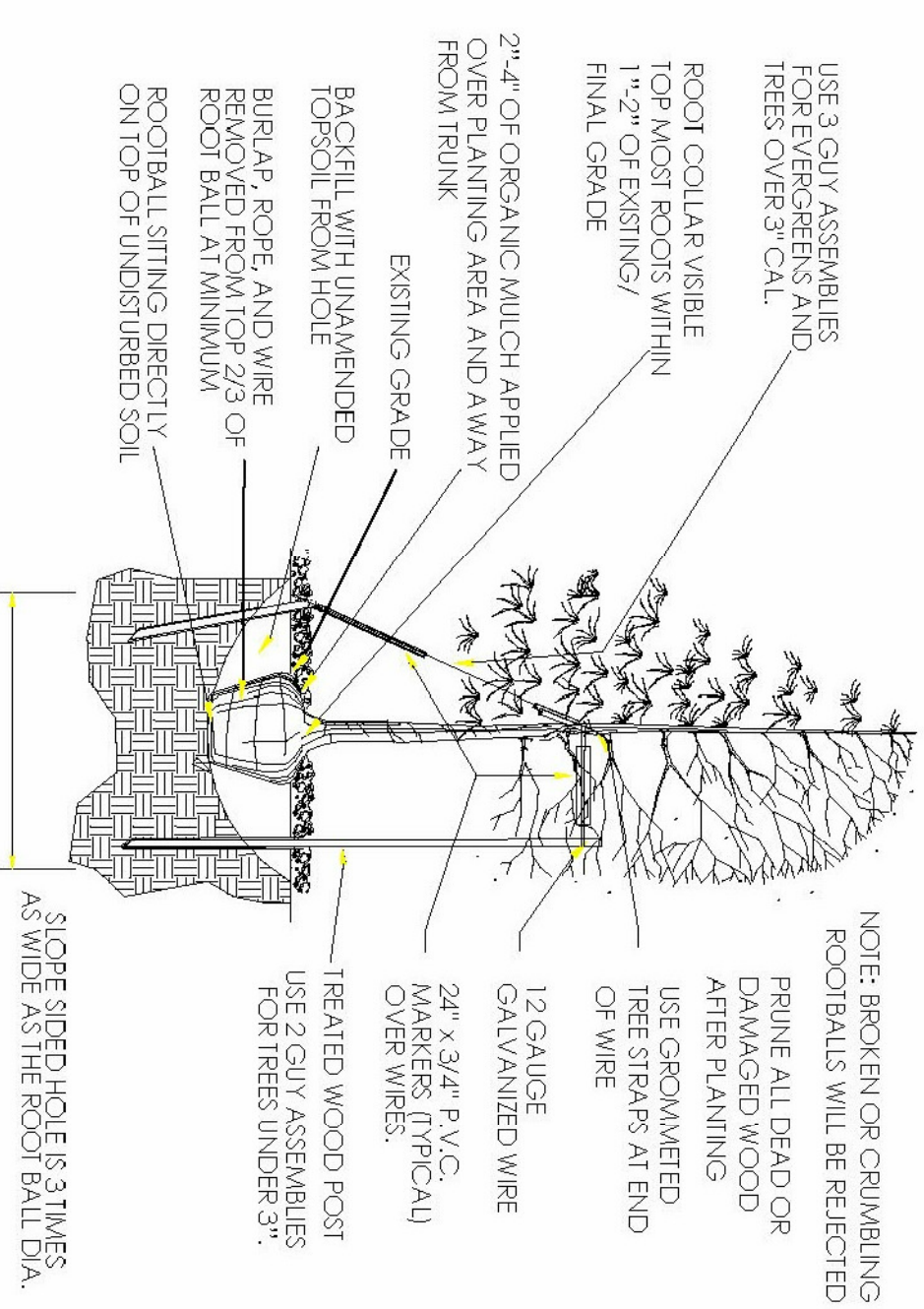
## Overall Site Landscape Area Summary (Excluding Parking Lot Islands)

Area/Sq. Ft.	Trees			Notes
	Deciduous/Ornamental	Evergreen	Shrubs	
204,520 Sq. Ft.	141	77	1508	724
				At 1 Tree & 5 Shrubs/1500 sf = 136 Trees & 681 Shrubs Required Evergreen Trees = 35%

## Grand Total Overall Site Area Summary (Not Covered By Bldg. & Req. Pkg.)

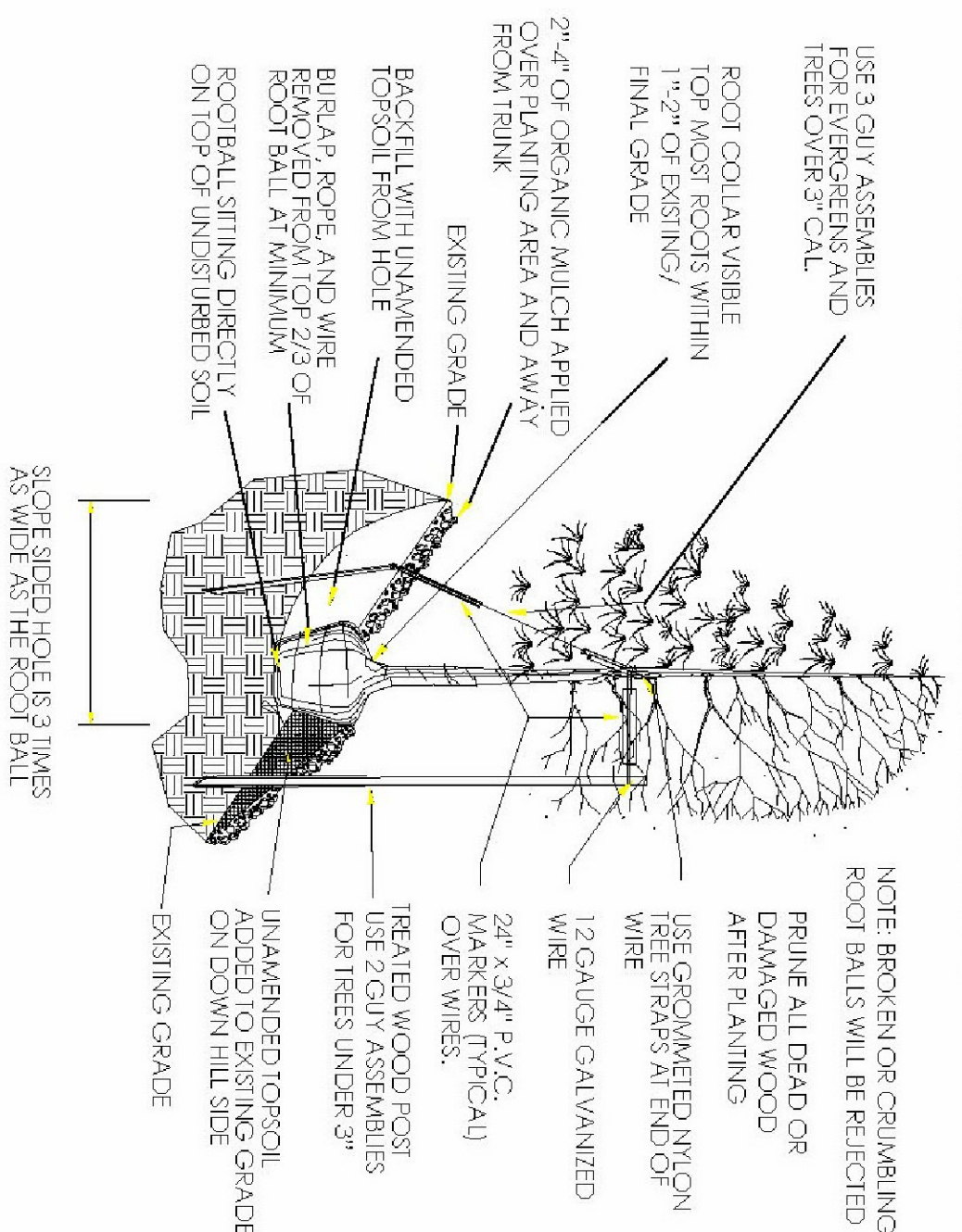
Landscape Area	High Water TTRF (6,000sf = 1 SFE)	Low Water Native Grasses and Spray Shrubs & Perennials (10,000sf = 1 SFE)	Drip-Irrigated (20,000sf = 1 SFE)	Non-Irrigated area (calculated) Areas SFE per 6000	Sub-Total of PWS (one divided by 6000 = requirement)	SFE Requirement (Sub-Total Calculation)
Area #1	27,696 sf x 1 = 27,696	785 sf x 6 = 4,710	24315 sf x 3 = 72,945	0	62804 x 0 = 0	35,482 sf
Area #2	27,696	471	7295	0	35,482	6,000
						5,911 SFE's Required

### TOWN OF PARKER PLANTING STANDARDS



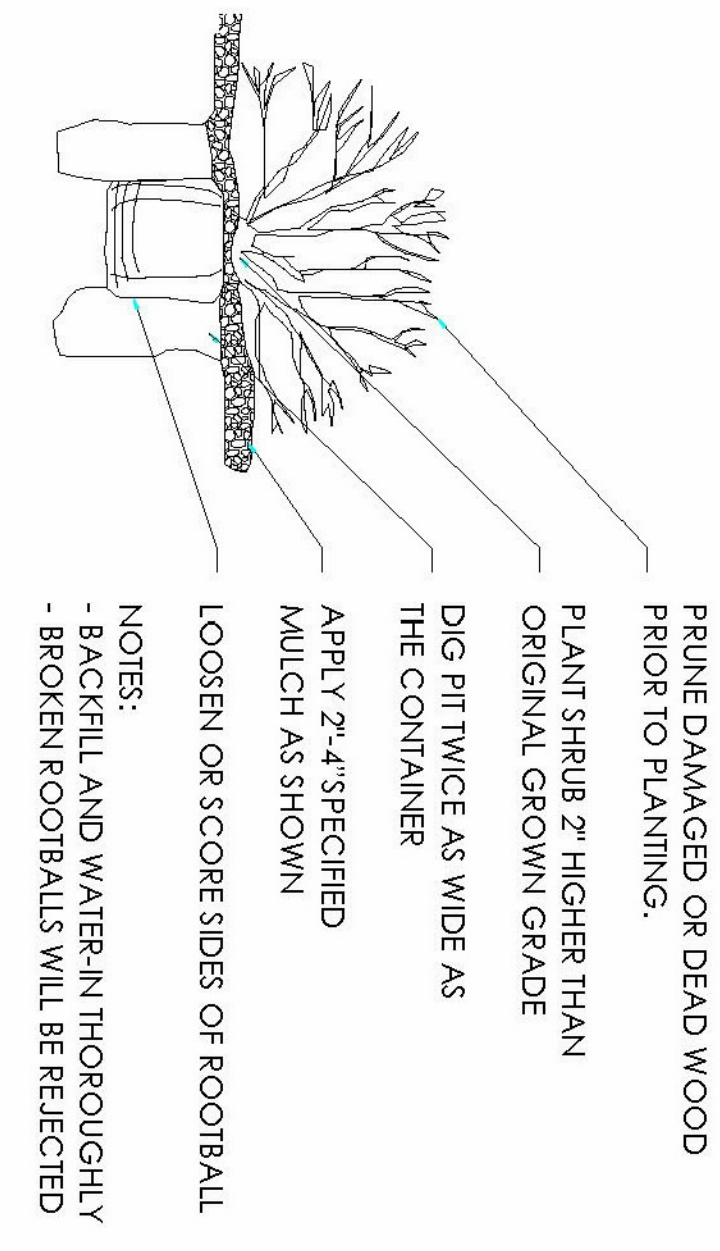
- Excavate planting holes with sloping sides. Make excavations at least three times as wide as the root ball diameter and no deeper than the distance from the top most roots in the root ball to the bottom of the root ball to allow for settling. Do not disturb soil at bottom of planting holes, but do score the sides of the planting hole. The planting area shall be loosened and aerated at least three times the diameter of the root ball. Backfill shall consist of existing on site topsoil - no amendments shall be used unless otherwise specified.
- Trees shall be planted with the root collar/line visible above grade. ASD two or more structural roots located on one slope (see slope planting detail). Trees that do not have a visible root collar shall be rejected. Do not score over the root ball with soil.
- When root ball will remain intact, cut off bottom 1/4 of wire basket before placing tree in hole, cut off remainder of basket AFTER tree is in hole, remove basket completely. At a minimum, the top 2/3 of the wiring and basket shall be removed from the root ball on all trees. Remove all nylon ties, twine, rope and twine. Remove unnecessary packing material.
- From soil line to 3' - tall, watering tube (suction) around planting area. This is not necessary in irrigated turf areas. Apply 2 to 4" depth of specified mulch over planting area and inside baskets, away from trunk.
- Staking and guying of trees is optional in most planting situations. In areas of extreme winds, or on steep slopes, staking may be required for stability trees. Staking and guying must be removed within 1 year of planting date. Consultation with the Town is advised.
- Two wraps are not to be used on any new plantings, except in later fall planting situations, and only then after consultation with the Town is advised.
- Replanting of improperly planted trees will only be allowed if it is determined that doing so will in no way compromise the root ball, and shall only be done with approval of the Town, ASIDE.

### TOWN OF PARKER PLANTING STANDARDS



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TOWN OF PARKER PLANTING DETAIL - SHRUBS



### NOTES:

- All work shall conform to local Town Codes, and contractor shall be responsible for obtaining all necessary permits. Contractor shall verify location of all existing underground utilities, lines, and structures prior to excavation or trenching. Damage to existing underground utilities shall be repaired by the contractor at no cost to the owner or the landscape architect.
- No substantial change from the approved landscape plan may occur without prior review of the Parker Water and Sanitation District, which may require additional irrigation taps for changes due to more water intensive landscaping.
- All plants shall meet or exceed the plant quality and species standards of the American Standard for Nursery Stock (ANSI Z60.1-2004, as amended). Selected plant materials shall be healthy and shall be nursery-grown and adapted to the local area.
- Unless otherwise indicated on the plan, all trees shall be located at least 4 ft. from the parking lot curb or edge of a parking island.
- All shrub beds and turf areas shall receive the following soil amendments per 1000 sq. ft.: 3 CY Supreme Organics, compost for 1 year, 50% soil conditioners, supplied by Jensen Sales, Inc. (Servey) or equivalent, Part 19 105 of 20-10-5 certified fertilizer - rolled to a minimum depth of 6".
- Plant backfill mix shall be: 1/3 Supreme Organics, or approved equal 2/3 on site soil.
- All annual and perennial beds, and freestanding planters areas will be mulched with shredded Cascade cedar, or other acceptable shredded cedar mulch to a depth of 3" with no weed barrier.
- All trees in turf grass areas must have tree rings mulched with shredded Cascade cedar, or other acceptable shredded cedar mulch to a depth of 3" over Dupont 1 Type weed barrier, or approved equal.
- Shrub beds near mini-golf course and race track areas to be mulched with 1-1/2" Mountain Granite or equivalent to a depth of 3" over Dupont 1 Type weed barrier, or approved equal.
- All parking lot island and parking lot perimeter areas to be mulched with 1-1/2" Tan (Western) River Rock to a depth of 3" over Dupont 1 Type weed barrier, or approved equal.
- Steel edger to be rolled top, 14 gauge X 4" deep, green painted Dura-edge edger, or approved equal.
- All landscaped areas and plant materials shall be watered by automatic underground systems. The irrigation system will provide full coverage to all turf and plant material areas. Turf areas to be sprayed, irrigated, and shrubs and trees to be drip irrigated.
- Landscaped areas and plant materials shown on these plans indicate those proposed to be installed. However, alternative plant materials may be installed during final construction, if done in compliance with the Town approved plant lists.
- The Owner, his successors and assigns, shall be responsible for installation, maintenance and replacement of all landscaping materials shown or indicated on the approved Site Plan or Landscape Plan on file in the Planning Department. Landscaping will be installed as delineated on the Plan and in conjunction with any development planning.
- Approx. 800 linear feet - Rolled top, 14 gauge, green painted Dura-edge, or approved equal.

### PLANT & MATERIALS SCHEDULE

QTY	ITEM	EVERGREEN TREES	SCIENTIFIC NAME	SIZE	COMMENTS
7	AN	Asiatic Pine	Pinus nigra	6" H.	B45
5	CF	Conover Fertilizing Fir	Pinus edulis	6" H.	B45
7	PN	Pinion Pine	Pinus ponderosa	6" H.	B45
2	BSP	Bonanza Blue Spruce	Pinus pungens	6" H.	B45
2	CSP	Colorado Blue Spruce	Pinus pungens	6" H.	B45
18	ME	Medora Juniper	Juniperus scopulorum	7.5a	B45
5	SPJ	Spartan Juniper	Juniperus spartea	7.5a	B45
7	WJ	Western Juniper	Juniperus occidentalis	4.0 Min. H.	B45
14	PFR	Partridge Crab	Maula ssp. Parlatieri	1.75" Cal.	B45
11	TCC	Timber Alder	Maula x Thunbergii	1.75" Cal.	6' Compact
11	TOC	Thundering Crab	Maula x Thunbergii	1.75" Cal.	B45
4	IMP	Imperial Honeysuckle	Gardenia jasminoides	2" Cal.	B45
22	SHA	Shadesaver Honey/Suckle	Gardenia jasminoides	2" Cal.	B45
2	CH	Cherry	Prunus pennsylvanica	2" Cal.	B45
6	RLU	Redmond Linden	Acer glaberrimum	2" Cal.	B45
10	BOA	Bur Oak	Quercus macrocarpa	2" Cal.	B45
4	EOA	English Oak	Quercus macrocarpa	2" Cal.	B45
2	ROA	Northern Red Oak	Quercus rubra	2" Cal.	B45
28	TEX	BROAD LEAF EVERGREEN SHRUBS	Quercus buckleyi	2" Cal.	B45
26	BSL	Boon's Scotch Larch	Chamaecyparis nana	5.0a	20-24" Min. H.
11	OTT	Tom Thumb Cedar	Chamaecyparis nana	5.0a	18" Min. Speed
2	OC	Ornamental Cedar	Chamaecyparis nana	5.0a	18" Min. Speed
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16	EOG	Evergreen Oregon Grape	Emmenanthe cuneata	5.0a	18" Min. Speed
35	MOO	Mountain Oregon Grape	Mahonia aquifolium	5.0a	20" Min. H.
17	MCO	Compact Mountain Oregon Grape	Mahonia aquifolium	5.0a	12" Min. H.
9	AND	Andromeda Juniper	Juniperus horizontalis	5.0a	18" Min. Speed
16	AMJ	Armstrong Juniper	Juniperus horizontalis	5.0a	18" Min. Speed
13	BCH	Burns Blue Juniper	Juniperus horizontalis	5.0a	18" Min. Speed
50	HJC	Hardy Juniper	Juniperus horizontalis	5.0a	18" Min. Speed
3	SEA	Sea Green Juniper	Juniperus x media	5.0a	18" Min. Speed
19	OLD	Old Gold Coast Juniper	Juniperus x media	5.0a	18" Min. Speed
11	WKL	Wilson Blue Rug Juniper	Juniperus horizontalis	5.0a	18" Min. Speed
6	MJO	Major Pine	Pinus mugo	5.0a	12" Min. H.
9	GSP	Goose Blue Spruce	Pinus strobus	3.0a	18" Min. H.
51	CPB	Compact Pinyon Barkberry	Sarcococca purpurea	5.0a	18" Min. H.
5	RBB	River Birch	Betula pumila	5.0a	18" Min. H.
56	DBB	Dwarf Burning Bush	Eumonymus alatus	5.0a	18" Min. H.
25	BRC	Burnley Bush	Buddleia davidii	5.0a	18" Min. H.
40	DAC	Dwarf American Cranberry	Viburnum trilobum	5.0a	18" Min. H.
3	CPJ	Common Potted Juniper	Syringa vulgaris	5.0a	18" Min. H.
41	MKL	Mass Kim Lilac	Syringa latifolia	5.0a	18" Min. H.
4	GDP	Gold Drop Penstemon	Potentilla fruticosa	5.0a	24" Min. H.
97	GPJ	Gold Drop Penstemon	Potentilla fruticosa	5.0a	24" Min. H.
6	PBS	Pavane Butter Sand Cherry	Prunus besseyi	5.0a	18" Min. H.
66	BMS	Blair Mist Spruce	Caryopteris canadensis	5.0a	18" Min. H.
8	DSP	Daphne Spirea	Spiraea japonica	5.0a	18" Min. H.
111	NFS	Neon Flash Spirea	Spiraea japonica	5.0a	18" Min. H.
16	VBM	Blue Muffin Viburnum	Viburnum dentatum	5.0a	30" Min. H.
23	VNS	Vanderlip Viburnum	Viburnum dentatum	5.0a	30" Min. H.
60	KJP	Knoxout Pink Rose	Rosa radoucan	2 to 5 Gal.	24" Min. H.
55	KRS	Knoxout Red Rose	Rosa radoucan	2 to 5 Gal.	24" Min. H.
181	LAG	Lakeview Orn Grass	Hachirohiza amperiana	1 Gal.	12" H. Speed
222	FEG	Fine Leaf Fescue	Chenopodium scoulerianum	1 Gal.	18" x 24" oc.
114	LEB	Lille Bluestem	Mesochorus stans	1 Gal.	18" x 24" oc.
121	PNG	Madren Grass	Mesochorus stans	1 Gal.	18" x 24" oc.
86	RSG	Red Stem Grass	Panicum virgatum	1 Gal.	24" x 30" oc.
800	MAX	Mixed Annuals / Perennials / Winter Perennials - 80% Annuals		1 Gal.	20" oc.
800	MAX	Mixed Annuals / Perennials / Winter Perennials - 20% Perennials		1 Gal.	20" oc.

Turf Areas: Approx. 27,696 square feet total - To be seeded with Reveille Texas Hybrid mix, or approved equal.

Rock Mulch Beds: Approx. 22,467 square feet total - Tan River Rock 1-1/2" or owner approved equal.

Rock Mulch Beds: Approx. 1,280 square feet total - 0.5" Granite or Dunesite 1-1/2" or owner approved equal.

Color Mulch Beds: Approx. 1,280 square feet total - 0.5" Granite or Dunesite 1-1/2" or owner approved equal.

Approx. 800 linear feet - Rolled top, 14 gauge, green painted Dura-edge, or approved equal.

REVISIONS	DATE	DESCRIPTION
	2/16/15	OWNER COMMENTS
	3/11/15	SITE SUBMITTAL

**SELECT DEVELOPMENT & CONTRACTING, LLC**

660 EAST FRANKLIN ROAD, MERIDIAN, ID 83642

**Boondocks Fun Center**

CROWN POINT DEVELOPMENT PARKER, CO

Peter H. Rockwell, Architect  
Architecture • Planning  
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office@pgrboise.com

**SITE PLAN LANDSCAPE PLAN (PLANT LIST NOTES & DETAILS)**

Prepared By: **811**

DATE: 3/11/15  
PROJECT: 14801  
SHEET NUMBER: 13