



Date: February 12, 2018
**CITY OF GREAT FALLS
DESIGN REVIEW BOARD**

Item: Rockcress Commons – Address TBD

Applicant: MT Rockcress 4%, LLP and MT Rockcress 9%, LLC, Owner

Representative: Jana Cooper – TD&H Engineering

Presented By: Brad Eatherly, Planner I, Planning and Community Development

Action Requested: Approve the submitted design with conditions.

Suggested Motion:

1. Board Member moves:

“I move that the Design Review Board (approve/approve with conditions/deny) the Design Review Application for the proposed Rockcress Commons apartment project, as shown in the conceptual development plans contained within this report and provided by the Applicant, subject to the Conditions of Approval.”

2. Chairman calls for a second, Board discussion, public comment, and calls the vote.
-

Overall Project Description:

The applicant is proposing construction of a new 124-unit, multi-family apartment complex on a 7.97 acre parcel, located west of 23rd Street South and North of 24th Avenue South. The project is intended to establish a community among its residents by creating a cluster of multi-family apartments all connected by open space, sidewalks, streets, and a central community building. The development includes six (6) three-story apartment buildings, one (1) two-story apartment building and a one-story community building. The total square footage of the combined buildings is proposed to be 107,489 square feet. The subject property is currently zoned as a PUD, Planned Unit Development. The PUD zoning, annexation of the property, and a preliminary subdivision plat were all approved by City Commission on December 5, 2017. Additionally, the applicant has submitted a final plat to subdivide the apartment complex into five (5) lots. This plat would also include dedication of 23rd Street South, 24th Avenue South, and 22nd Street South as future public streets to be constructed as part of the apartment project.

Exhibit 28-1 Standards and Guidelines for specific projects and buildings

New Construction

The proposal is generally in compliance with all requirements of Exhibit 28-1, with the exception of one guideline. Three (3) of the three-story apartment buildings do not meet Guideline #25 in Exhibit 28-1. Buildings 1, 3, and 4 each have facades facing the public street

where less than 30 percent of the first floor façades consist of windows and doors. Staff noted this in the review process. Staff and the developers met to discuss potential mitigation for both the first level and upper levels of these facades and agreed to include design and architectural details in order to divide and enhance the elevations. Additionally, larger evergreen landscaping will be incorporated into the site plan to screen utility meters and air conditioner units. The buildings are proposed with a contemporary architectural design including exterior materials which will consist of horizontal lap and vertical metal siding, wood, and steel. These materials will convey a contemporary approach. A color and material palette can be found in the attached development drawings.

Trash enclosures are located within the development and incorporated into landscaped areas. The enclosures are designed to be screened by a six (6) foot corrugated metal panel in front and split face CMU on the sides and back. Any additional mechanical equipment on site will be housed within a penthouse on the roof of the building. Other proposed features on site include a tot lot, picnic and grill areas for the benefit of families and children.

Conformance with Title 17 - Land Development Code

The proposed project has been reviewed for initial compliance with the relevant requirements of Title 17 - Land Development Code, of the Official Code of the City of Great Falls (OCCGF), including but not limited to zoning, setbacks, building height and lot coverage.

Site Plan

The site plan includes three (3) new public roads, 23rd Avenue South, 22nd Street South and 23rd Street South, to be built by the developer. In addition to the 23rd Avenue intersection access, one (1) new curb cut off of 23rd Street South is being provided on the north end of the property. Two (2) new curb cuts are located off 24th Avenue South where the new 22nd Street South road and the new 23rd Street South roads are proposed. One (1) curb cut is proposed off the new 22nd Street South. Two (2) curb cuts are proposed opposite each other on the new 23rd Avenue South; one leads to the northern section of the complex and the other leads to the southern end of the complex. Interior sidewalks are included to create safe pedestrian circulation throughout the site, and are proposed at a width of six (6) feet. Additionally, there is an existing ten (10) foot wide shared use asphalt path on the north side of 24th Avenue South that will provide both bicycle and pedestrian access.

Parking

Code for apartment complexes requires one and a half (1.5) parking stalls per dwelling. The conceptual parking layout shows 194 total parking spaces, eleven (11) of which will be ADA accessible. This exceeds the code requirements for this particular project. Four bike racks have been proposed in the site plan, allowing for up to 16 bikes to be parked.

Stormwater Management

The site development will have impervious surfaces of more than 15,000 square feet; therefore, the developer is required to provide a stormwater management plan in compliance with the City of Great Falls Storm Design Manual and City standards. The plan will be reviewed and approved by the Public Works Department prior to the issuance of building permits for the development.

The proposed conceptual grading plan outlines stormwater detention areas to provide both storage and water quality treatment. Additionally, on-going discussions have occurred between the City and developer to work out the details for the construction of an upsized stormwater pipe underneath 23rd Street South to make up for the limitations in the current downstream stormwater capacity.

Outdoor Lighting

The applicant has provided an outdoor lighting plan which is in compliance with the requirements of Chapter 40 - Outdoor Lighting of the OCCGF. The proposed lighting plan provides lighting mounted on the building and pole mounted lighting. The proposed lighting plan and specifications show full down cast fixtures to prevent light pollution and meets all averages as set forth in the OCCGF.

Landscaping

The proposed landscaping is in compliance with the minimum requirements of the OCCGF. The exterior of the site will be significantly improved by landscaping including grass, canopy trees, shrubs, and perennials. According to the PUD standards, there are 73 interior trees and 1,847 shrubs to be required to be installed. In addition, 62 boulevard trees are proposed for the site. The applicant's proposal is in compliance with code requirements.

Signage

The applicant is proposing signage on the property. The proposed signage will be reviewed under a separate application and shall meet the requirements of the OCCGF.

Recommendation:

Staff supports this application and recommends the Design Review Board approve the submitted design with conditions.

Conditions of Approval:

- A. The proposed project shall be developed consistent with the conditions in this staff report, all codes and ordinances of the City of Great Falls, the State of Montana, and all other applicable regulatory agencies.

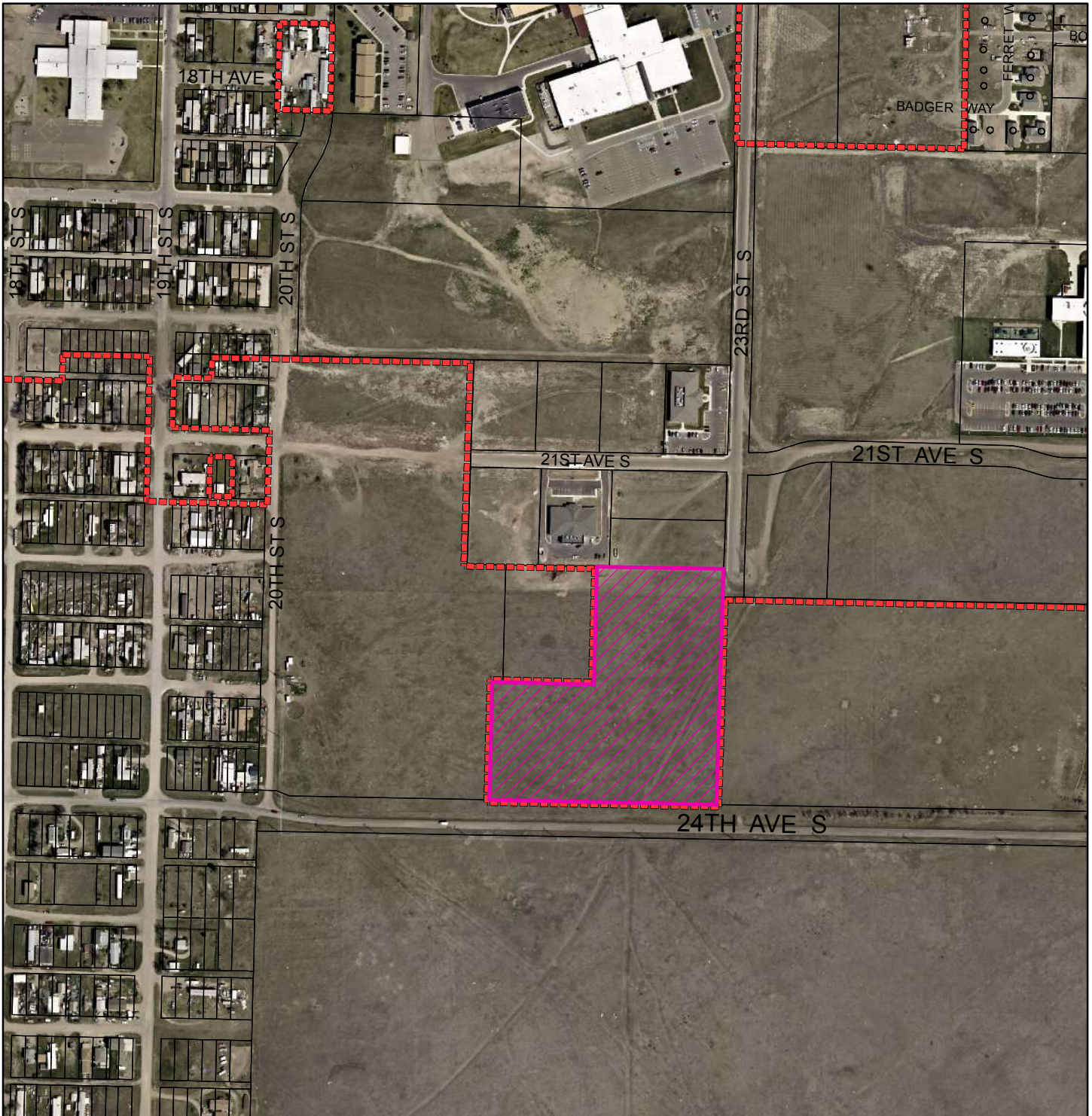
- B. If after the approval of the conceptual development plans as approved by this Board, the owner proposes to expand or modify the conceptual development plans, the Director of the Planning and Community Development Department shall determine in writing if such proposed change would alter the findings for one or more review criteria. If such proposed change would alter the findings, the proposal shall be resubmitted for review as a new application.


Exhibits:

Aerial Map
Project Narrative
Site Photos
Elevations
Development Plans

CC Dave Dobbs, City Engineering
Jesse Patton, City Engineering
Patty Cadwell, Neighborhood Council Coordinator
Todd Seymanski, City Forester
Jana Cooper, TD&H Engineering; jana.cooper@tdhengineering.com

AERIAL MAP




 Subject Property

 City Limits

 Tracts of Land

460 230 0 460 Feet





Rockcross Commons, Great Falls Development Review Board Narrative

Rockcross Commons in Great Falls is a proposed multi-family 124-unit affordable housing project that is being developed in partnership by GMD Development and NeighborWork, Great Falls. The project is intended to establish a community among its residents by creating a cluster of affordable multi-family apartments all connected by open space, sidewalks, streets, and a central community building. The subject property is located at the northwest corner of 24th Avenue South and 23rd Street South on the south side of Great Falls and consists of approximately 7.97 acres. The current land use is vacant/undeveloped and the proposed land use is multi-family. The property has been through the City of Great Falls annexation and zoning process and is zoned Planned Unit Development (PUD.) The approved PUD standards are attached in Appendix A of the DRB submittal.

Architecturally, the seven two and three story residential buildings are clad in horizontal lap and vertical metal siding, with wood and steel accents. The overall design concept is to break the buildings down into smaller components through the stepped nature of the facades as well as the individual roof elements to relate better to the greater neighborhood context. The buildings are designed to be dispersed across the site in such a way to provide ample access to natural light and views for the residents.

The buildings will be configured to disperse a mix of bedroom unit types throughout the site. On the North Lot, Buildings 1, 2 & 3 will be smaller (12-Units, 8-Units and 12-Units, respectively) and will include one and two bedrooms layouts. On the South Lot, the buildings are bigger with Buildings 4, 6 & 7 comprising 24-Units and Building 5 containing 20-Units. The buildings on the southern portion of the site will contain a blend of one, two and three bedroom layouts.

The project will include the extension of 23rd Street South from its existing terminus to 24th Avenue South. It will also include the development of 23rd Avenue South and 22nd Street South within the development. The project is located both north and south of the proposed 23rd Avenue South and access to the north portion of the project will be from 23rd Street South and 23rd Avenue South. The southerly portion of the project will be accessed from 23rd Avenue South and 22nd Street South. There are 195 parking stalls proposed for the project.

The project also includes several exterior amenities dispersed throughout the site including a tot lot and picnic area adjacent to the Community Building and a picnic area with tables and BBQs in the southerly portion of the development. The proposed amenities are designed to be incorporated into the site with easy access for residents. Additionally, the development includes several internal pedestrian sidewalk

connections for increased connectivity throughout the site. Bicycle parking is also included at the Community Building and each of the seven apartment buildings.

The project is located in the Lewis and Clark Portage and was reviewed by the Historic Preservation Board in 2017. It was recommended that the project include way finding signage related to the Lewis and Clark Portage. The signage is being proposed to be incorporated near the two amenity areas located on the site. The signage will denote the connection of the property to the portage path trekked by the historic corps of discovery. The design of the signage is still being developed, but will meet signage code requirements as necessary.

The overall landscape concept will support the proposed architectural design features of the buildings with plantings that accentuate the buildings. The landscape will also incorporate a feature swale that runs through the storm water ponds of the south portion of the site. On the north portion of the site there will be a large detention pond that will be planted with non-irrigated natural grasses. The landscape will include boulevard trees along all public streets.

Enclosures and landscaping will be provided around all trash areas and all outdoor mechanical equipment will be screened with landscaping.

Project Signage has yet to be determined, however it is conceptualized as two monument type signs at the entrances to the development—one at the corner of 23rd Street South and 23rd Avenue South, and one at the corner of 22nd Street South and 24th Avenue South. The monument signs will meet the standards set forth in the PUD and the City of Great Falls Sign Code

Site Photos



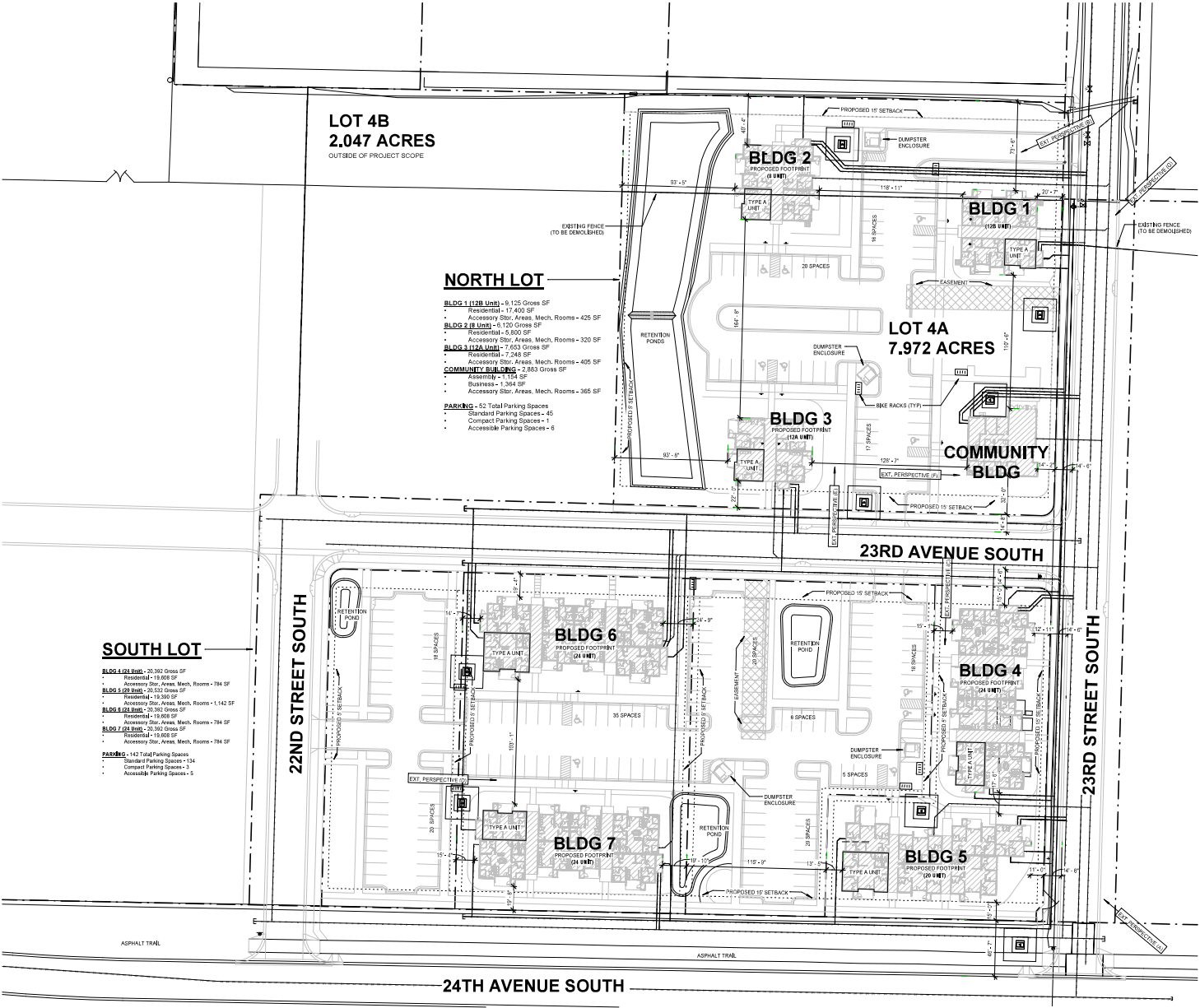
Looking Southwest from 23rd Street South



Looking Northwest from 24th Avenue South



Looking North from 24th Ave S showing future 23rd Street S corridor



LOT 4B
2.047 ACRES
OUTSIDE OF PROJECT SCOPE

NORTH LOT

- BLDG 1 (128 Units)** - 9,125 Gross SF
 - Residential - 17,400 SF
 - Accessory Stor. Areas, Mech. Rooms - 425 SF
- BLDG 2 (8 Units)** - 6,120 Gross SF
 - Residential - 5,800 SF
 - Accessory Stor. Areas, Mech. Rooms - 320 SF
- BLDG 3 (174 Units)** - 7,853 Gross SF
 - Residential - 7,248 SF
 - Accessory Stor. Areas, Mech. Rooms - 405 SF
- COMMUNITY BUILDING** - 2,853 Gross SF
 - Assembly - 1,154 SF
 - Business - 1,354 SF
 - Accessory Stor. Areas, Mech. Rooms - 345 SF
- PARKING** - 52 Total Parking Spaces
 - Standard Parking Spaces - 45
 - Compact Parking Spaces - 1
 - Accessible Parking Spaces - 6

LOT 4A
7.972 ACRES

SOUTH LOT

- BLDG 4 (24 Units)** - 20,392 Gross SF
 - Residential - 18,888 SF
 - Accessory Stor. Areas, Mech. Rooms - 784 SF
- BLDG 5 (24 Units)** - 20,392 Gross SF
 - Residential - 19,360 SF
 - Accessory Stor. Areas, Mech. Rooms - 784 SF
- BLDG 6 (24 Units)** - 20,392 Gross SF
 - Residential - 19,888 SF
 - Accessory Stor. Areas, Mech. Rooms - 784 SF
- BLDG 7 (24 Units)** - 20,392 Gross SF
 - Residential - 19,860 SF
 - Accessory Stor. Areas, Mech. Rooms - 784 SF
- PARKING** - 142 Total Parking Spaces
 - Standard Parking Spaces - 134
 - Compact Parking Spaces - 3
 - Accessible Parking Spaces - 5

LINE TYPE LEGEND

---	PROPERTY LINE
---	SETBACK LINE
---	FENCE
---	SEWER LINE
---	ELECTRICAL LINE
---	GAS LINE
---	FIRE SERVICE LINE
---	WATER LINE
---	COMMUNICATION LINE
---	STORMWATER

1" = 40'-0"
ROCKCROSS COMMONS ARCHITECTURAL SITE PLAN
DRB1.1

EXHIBIT 1

<p>SITE DATA</p> <p>NORTH LOT = 124,687.95 SQ. FT. (2.86 ACRES) SOUTH LOT = 222,343.17 SQ. FT. (5.10 ACRES) COMMON OPEN SPACE = TBD SQ. FT. (TBD ACRES) COMBINED AREA LOTS NORTH & SOUTH = 347,031.12 SQ. FT. (7.97 ACRES)</p>										
<p>PARKLAND EQUIVALENT</p> <p>TOTAL REQUIRED = TBD ACRES TOTAL PROVIDED WITH IMPROVEMENTS IN LIEU = TBD ACRES</p>										
<p>PARKING</p> <p>PARKING NORTH LOT TOTAL DRIVEWAY CIRCULATION & PARKING AREA = 31,014.14 SF (25% OF TOTAL SITE) TOTAL PARKING SPACES REQUIRED = 48 (INCLUDING 2 ACCESSIBLE SPACES) TOTAL PARKING SPACES PROVIDED = 52 (INCLUDING 6 ACCESSIBLE SPACES) TOTAL COMPACT SPACES = 1 (10% ALLOWED OF TOTAL SPACES PROVIDED) PARKING CALCULATIONS 32 BEDROOM UNITS x 1.5 SPACES/UNIT = 48 SPACES</p> <p>BKE PARKING TOTAL BKE PARKING SPACES REQUIRED = 16 (1 SPACE PER 2 UNITS) TOTAL BKE PARKING SPACES PROVIDED = 16</p> <p>PARKING SOUTH LOT TOTAL DRIVEWAY CIRCULATION & PARKING AREA = 54,035.74 SF (24% OF TOTAL SITE) TOTAL PARKING SPACES REQUIRED = 138 (INCLUDING 5 ACCESSIBLE SPACES) TOTAL PARKING SPACES PROVIDED = 142 (INCLUDING 5 ACCESSIBLE SPACES) TOTAL COMPACT SPACES = 3 (10% ALLOWED OF TOTAL SPACES PROVIDED) PARKING CALCULATIONS 92 BEDROOM UNITS x 1.5 SPACES/UNIT = 138 SPACES</p> <p>BKE PARKING TOTAL BKE PARKING SPACES REQUIRED = 46 (1 SPACE PER 2 UNITS) TOTAL BKE PARKING SPACES PROVIDED = 16</p>										
<p>NORTH LOT (ZONING: PUD)</p> <p>TOTAL LOT AREA = 124,688 SQ. FT. TOTAL BUILDING FOOTPRINT = 11,669 SQ. FT. TOTAL BUILDING AREA = 25,781 SQ. FT. PERCENT LOT COVERAGE = 34.2% (80% MAX. ALLOWED) DWELLING DENSITY (32 UNITS / 2.86 ACRES) = 11.2 UNITS/ACRE TOTAL LANDSCAPED AREA = 82,004 SQ. FT. 65.8% OF LOT (50% OF NET LOT AREA MIN.)</p> <table border="0"> <tr> <td>BUILDING 1</td> <td>BUILDING 2</td> </tr> <tr> <td>TOTAL DWELLING UNITS = 12</td> <td>TOTAL DWELLING UNITS = 8</td> </tr> <tr> <td>6 - 1 BEDROOMS</td> <td>4 - 1 BEDROOMS</td> </tr> <tr> <td>6 - 2 BEDROOMS</td> <td>4 - 2 BEDROOMS</td> </tr> </table> <p>BUILDING 3</p> <p>TOTAL DWELLING UNITS = 12</p> <p>12 - 1 BEDROOMS</p>	BUILDING 1	BUILDING 2	TOTAL DWELLING UNITS = 12	TOTAL DWELLING UNITS = 8	6 - 1 BEDROOMS	4 - 1 BEDROOMS	6 - 2 BEDROOMS	4 - 2 BEDROOMS		
BUILDING 1	BUILDING 2									
TOTAL DWELLING UNITS = 12	TOTAL DWELLING UNITS = 8									
6 - 1 BEDROOMS	4 - 1 BEDROOMS									
6 - 2 BEDROOMS	4 - 2 BEDROOMS									
<p>SOUTH LOT (ZONING: PUD)</p> <p>TOTAL LOT AREA = 222,343 SQ. FT. TOTAL BUILDING FOOTPRINT = 27,431 SQ. FT. TOTAL BUILDING AREA = 91,708 SQ. FT. PERCENT LOT COVERAGE = 36.6% (70% ALLOWED) DWELLING DENSITY (92 UNITS / 5.10 ACRES) = 18 UNITS/ACRE TOTAL LANDSCAPED AREA = 140,876 FT. 63.4% OF LOT (50% OF NET LOT AREA MIN.)</p> <table border="0"> <tr> <td>BUILDING 4</td> <td>BUILDING 5</td> </tr> <tr> <td>TOTAL DWELLING UNITS = 24</td> <td>TOTAL DWELLING UNITS = 20</td> </tr> <tr> <td>12 - 1 BEDROOMS</td> <td>2 - 1 BEDROOMS</td> </tr> <tr> <td>6 - 2 BEDROOMS</td> <td>10 - 2 BEDROOMS</td> </tr> <tr> <td>6 - 3 BEDROOMS</td> <td>8 - 3 BEDROOMS</td> </tr> </table> <p>BUILDING 6</p> <p>TOTAL DWELLING UNITS = 24</p> <p>12 - 1 BEDROOMS</p> <p>6 - 2 BEDROOMS</p> <p>6 - 3 BEDROOMS</p> <p>BUILDING 7</p> <p>TOTAL DWELLING UNITS = 24</p> <p>12 - 1 BEDROOMS</p> <p>6 - 2 BEDROOMS</p> <p>6 - 3 BEDROOMS</p>	BUILDING 4	BUILDING 5	TOTAL DWELLING UNITS = 24	TOTAL DWELLING UNITS = 20	12 - 1 BEDROOMS	2 - 1 BEDROOMS	6 - 2 BEDROOMS	10 - 2 BEDROOMS	6 - 3 BEDROOMS	8 - 3 BEDROOMS
BUILDING 4	BUILDING 5									
TOTAL DWELLING UNITS = 24	TOTAL DWELLING UNITS = 20									
12 - 1 BEDROOMS	2 - 1 BEDROOMS									
6 - 2 BEDROOMS	10 - 2 BEDROOMS									
6 - 3 BEDROOMS	8 - 3 BEDROOMS									

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CONSTRUCTION**

Date _____

No. Description _____

revisions

TBD 24th AVE SOUTH
GREAT FALLS, MT
59405

address

NWG
ROCKCROSS
COMMONS

project code

DRB1.1
SITE PLAN
sheet

CD
2018-02-02

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CONSTRUCTION**

Date: _____
No. Description: _____

revisions

TBD 24th AVE SOUTH
GREAT FALLS, MT
540905

address

NWG
ROCKCRESS
COMMONS - 12B UNIT

project code

DRB1.3
EXTERIOR ELEVATIONS

sheet

CD
2018-02-02



2 NORTH ELEVATION - DRB
DRB1.3 1/8" = 1'-0"



1 SOUTH ELEVATION - DRB
DRB1.3 1/8" = 1'-0"









4 WEST ELEVATION - DRB
DRB1.3 1/8" = 1'-0"



3 EAST ELEVATION - DRB
DRB1.3 1/8" = 1'-0"

EXTERIOR FINISH LEGEND

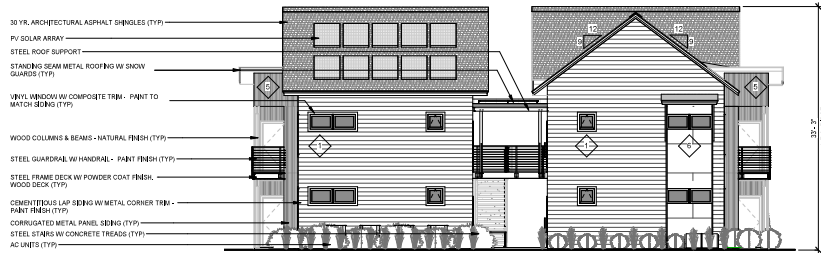
1	7" EXPOSURE <i>HARDIEPLANK</i> LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 1)		3	7" EXPOSURE <i>HARDIEPLANK</i> LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 3)		5	7/8" CORRUGATED (22 GAUGE) METAL PANEL - FINISH (COLOR 1)	
2	7" EXPOSURE <i>HARDIEPLANK</i> LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 2)		4	1"x4" PINE (SELECT & BETTER) SHIPLAP SIDING - NATURAL FINISH		6	<i>HARDIEPLANK</i> PANEL SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 4)	



1 NORTH ELEVATION - DRB SUBMITTAL
DRB1.4 1/8" = 1'-0"



3 EAST ELEVATION - DRB SUBMITTAL
DRB1.4 1/8" = 1'-0"



2 SOUTH ELEVATION - DRB SUBMITTAL
DRB1.4 1/8" = 1'-0"



4 WEST ELEVATION - DRB SUBMITTAL
DRB1.4 1/8" = 1'-0"

EXTERIOR FINISH LEGEND

1	7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 1)		3	7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 3)		5	7/8" CORRUGATED (22 GAUGE) METAL PANEL - FINISH (COLOR 1)	
2	7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 2)		4	1"x4" PINE (SELECT & BETTER) SHIPLAP SIDING - NATURAL FINISH		6	HARDIEPLANK PANEL SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 4)	

Date

No. Description

revisions

TBD 24th AVE SOUTH
 GREAT FALLS, MT
 54905

address

NWG
 ROCKCRESS
 COMMONS - 8 UNIT

project code

DRB1.4
 BUILDING ELEVATIONS

sheet

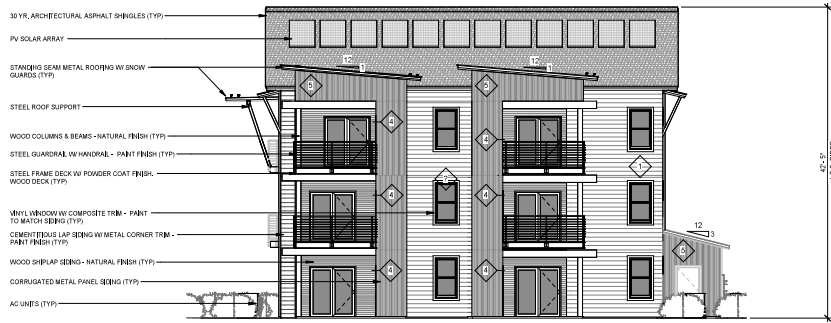
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 2018-02-02



2 SOUTH ELEVATION - DRB
DRB1.5 1/8" = 1'-0"



1 NORTH ELEVATION - DRB
DRB1.5 1/8" = 1'-0"



4 WEST ELEVATION - DRB
DRB1.5 1/8" = 1'-0"



3 EAST ELEVATION - DRB
DRB1.5 1/8" = 1'-0"

EXTERIOR FINISH LEGEND

1	7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 1)		3	7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 3)		5	7/8" CORRUGATED (22 GAUGE) METAL PANEL - FINISH (COLOR 1)	
2	7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 2)		4	1"x4" PINE (SELECT & BETTER) SHIPLAP SIDING - NATURAL FINISH		6	HARDIEPLANK PANEL SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 4)	

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Date
No. Description
revisions

TBD 24th AVE SOUTH
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54905
address

NWG
ROCKCRESS
COMMONS - 12A UNIT
project code

DRB1.5
EXTERIOR ELEVATIONS
sheet

CD
2018-02-02



1 NORTH ELEVATION - DRB
DRB1.6 1/8" = 1'-0"



2 SOUTH ELEVATION - DRB
DRB1.6 1/8" = 1'-0"



4 WEST ELEVATION - DRB
DRB1.6 1/8" = 1'-0"



3 EAST ELEVATION - DRB
DRB1.6 1/8" = 1'-0"

EXTERIOR FINISH LEGEND

- 1 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 1)
- 2 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 2)
- 3 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 3)
- 4 1"x4" PINE (SELECT & BETTER) SHIPLAP SIDING - NATURAL FINISH
- 5 7/8" CORRUGATED (22 GAUGE) METAL PANEL - FINISH (COLOR 1)
- 6 HARDIEPLANK PANEL SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 4)

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No. Description

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address

NWG
ROCKCRESS
COMMONS - 24 UNIT

project code

DRB1.6
EXTERIOR ELEVATIONS

sheet
CD
2018-02-02

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- 30 YR. ARCHITECTURAL ASPHALT SHINGLES (TYP.)
- PV SOLAR ARRAY
- STEEL ROOF SUPPORT (TYP.)
- STANDING SEAM METAL ROOFING W/ SNOW GUARD (TYP.)
- VINYL WINDOW W/ COMPOSITE TRIM - PAINT FINISH TO MATCH SIDING (TYP.)
- CEMENTITIOUS LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (TYP.)
- WOOD COLLUMS & BEAMS - NATURAL FINISH (TYP.)
- STEEL GUARDRAIL W/ STEEL HANDRAIL - PAINT FINISH (TYP.)
- STEEL FRAME DECK W/ POWDER COAT FINISH WOOD DECK (TYP.)
- CORRUGATED METAL PANEL SIDING (TYP.)
- WOOD SHIPLAP SIDING - NATURAL FINISH (TYP.)
- STEEL STAIRS W/ CONCRETE TREADS (TYP.)
- AC UNITS (TYP.)
- CRAWLSPACE ENTRY DOOR (TYP.)



1 SOUTH ELEVATION - DRB
DRB1.7 1/8" = 1'-0"

- 30 YR. ARCHITECTURAL ASPHALT SHINGLES (TYP.)
- STANDING SEAM METAL ROOFING W/ SNOW GUARD (TYP.)
- WOOD COLLUMS & BEAMS - NATURAL FINISH (TYP.)
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- VINYL WINDOW W/ COMPOSITE TRIM - PAINT FINISH TO MATCH SIDING (TYP.)
- CORRUGATED METAL PANEL SIDING (TYP.)
- STEEL STAIRS W/ CONCRETE TREADS (TYP.)



2 NORTH ELEVATION - DRB
DRB1.7 1/8" = 1'-0"

- 30 YR. ARCHITECTURAL ASPHALT SHINGLES (TYP.)
- STANDING SEAM METAL ROOFING W/ SNOW GUARD (TYP.)
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- STEEL FRAME DECK W/ POWDER COAT FINISH WOOD DECK (TYP.)
- VINYL WINDOW W/ COMPOSITE TRIM - PAINT FINISH TO MATCH SIDING (TYP.)
- CEMENTITIOUS LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (TYP.)
- (15) GAS METERS - SMD
- AC UNITS (TYP.)



4 EAST ELEVATION - DRB
DRB1.7 1/8" = 1'-0"

- 30 YR. ARCHITECTURAL ASPHALT SHINGLES (TYP.)
- STANDING SEAM METAL ROOF W/ SNOW GUARD (TYP.)
- VINYL WINDOW W/ COMPOSITE WINDOW TRIM - PAINT FINISH (TYP.)
- CEMENTITIOUS LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (TYP.)
- CORRUGATED METAL PANEL SIDING (TYP.)
- (15) GAS METERS - SMD
- AC UNITS (TYP.)



3 WEST ELEVATION - DRB
DRB1.7 1/8" = 1'-0"

EXTERIOR FINISH LEGEND

- 1 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 1)
- 2 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 2)
- 3 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 3)
- 4 1"x4" PINE (SELECT & BETTER) SHIPLAP SIDING - NATURAL FINISH
- 5 7/8" CORRUGATED (22 GAUGE) METAL PANEL - FINISH (COLOR 1)
- 6 HARDIEPLANK PANEL SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 4)

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Date	Description	revisions

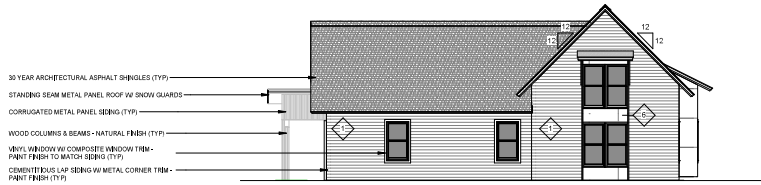
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GREAT FALLS, MT
54905
address

NWG
ROCKCRESS
COMMONS - 20 UNIT
project code

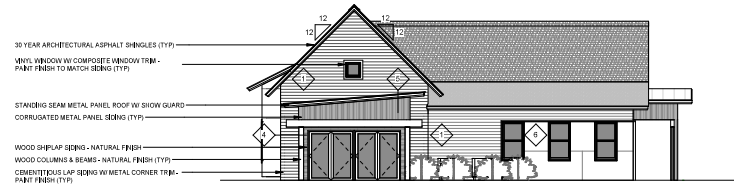
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EXTERIOR ELEVATIONS
sheet

CD
2018-02-02

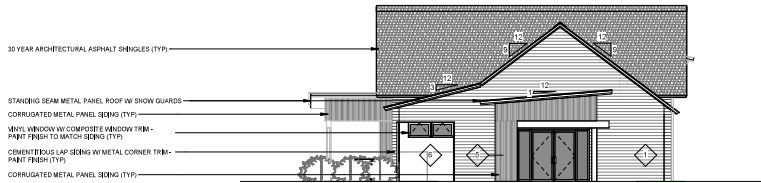
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2 SOUTH ELEVATION - DRB
DRB1.8 1/8" = 1'-0"



1 NORTH ELEVATION - DRB
DRB1.8 1/8" = 1'-0"









4 WEST ELEVATION - DRB
DRB1.8 1/8" = 1'-0"



3 EAST ELEVATION - DRB
DRB1.8 1/8" = 1'-0"

EXTERIOR FINISH LEGEND

<p>1 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 1)</p> 	<p>3 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 3)</p> 	<p>5 7/8" CORRUGATED (22 GAUGE) METAL PANEL - FINISH (COLOR 1)</p> 
<p>2 7" EXPOSURE HARDIEPLANK LAP SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 2)</p> 	<p>4 1"x4" PINE (SELECT & BETTER) SHIPLAP SIDING - NATURAL FINISH</p> 	<p>6 HARDIEPLANK PANEL SIDING W/ METAL CORNER TRIM - PAINT FINISH (COLOR 4)</p> 

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Revisions	

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project code

DRB1.8
EXTERIOR ELEVATIONS -
COMMUNITY BUILDING
sheet
CD
2018-02-02



EXTERIOR PERSPECTIVE (B) - BUILDINGS 1 & 2



EXTERIOR PERSPECTIVE (C) - BUILDINGS 4 & 5

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ROCKCRESS
COMMONS
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DRB1.9
EXTERIOR
PERSPECTIVES
CD
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EXTERIOR PERSPECTIVE (D) - BUILDING 7



EXTERIOR PERSPECTIVE (E) - BUILDINGS 2 & 3

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COMMONS
project code

DRB1.10
EXTERIOR
PERSPECTIVES
sheet
CD
2018-02-02



EXTERIOR PERSPECTIVE (F) - COMMUNITY BUILDING



EXTERIOR PERSPECTIVE (G) - 23RD STREET SOUTH

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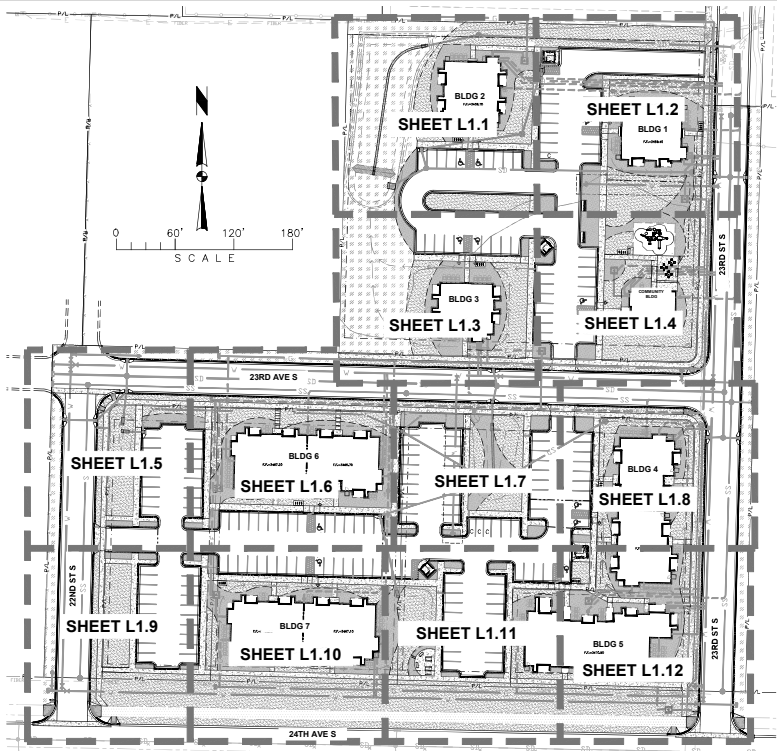
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GREAT FALLS, MT
54905
address

NWG
ROCKCRESS
COMMONS
project code

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EXTERIOR
PERSPECTIVES
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2018-02-02
sheet

LANDSCAPE SHEET MAP



PLANTING NOTES

- COORDINATE WITH ARCHITECTURE/ENGINEERING PLANS TO BECOME THOROUGHLY FAMILIAR WITH GRADING, SURFACE AND UNDERGROUND CONDITIONS AND UTILITIES.
- ALL GRADES, DIMENSIONS AND EXISTING CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR ON-SITE BEFORE CONSTRUCTION BEGINS. BRING ANY DISCREPANCIES TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.
- CONTRACTOR IS RESPONSIBLE FOR TOPSOIL FILL AND LANDSCAPE GRADING. SEE CIVIL FOR ADDITIONAL SITE GRADING.
- ONE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF BOTH THE PLANTING AND IRRIGATION INSTALLATION, UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
- COORDINATE WITH OTHER CONTRACTORS, AS NECESSARY, REGARDING LOCATION AND TIMING OF INSTALLATION OF PLANT MATERIALS.
- PLANT MATERIALS SHALL BE FURNISHED IN THE QUANTITIES AND/OR SPACING AS SHOWN OR NOTED. IN CASE OF DISCREPANCIES BETWEEN THE PLAN AND THE PLANT SCHEDULE, THE PLAN SHALL DICATE.
- PLANT MATERIALS ARE DRAWN AT OR NEAR THEIR MATURE SIZE. UTILIZE THE CENTER POINT OF THE SYMBOL TO DETERMINE PROPER PLANT LAYOUT AND PLACEMENT. PLANT TREES WITHIN 5'-FEET OF LOCATION SHOWN ON PLANS, PLANT SHRUBS WITHIN 1'-FOOT OF LOCATION SHOWN ON PLANS, UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
- ALL PLANTS ARE TO MEET OR EXCEED AMERICAN STANDARDS FOR NURSERY STOCK, CURRENT EDITION, BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION. ALL PLANTS SHALL BE NURSERY-GROWN UNLESS OTHERWISE NOTED.
- PROVIDE A 3" - 6" DIA. BED AROUND ALL TREES LOCATED IN LAWNS. MULCH WITH CLEAN BARK MULCH. NO EDGING OR WEED BARRIER REQUIRED. SEE DETAILS.
- ALL SHRUB BEDS TO BE MULCHED WITH 1.5" WASHED RIVER ROCK MULCH AS SHOWN ON PLANS AND PER DETAILS, 3" MINIMUM DEPTH.
- COORDINATE THE PLANTING WITH IRRIGATION SYSTEM. THE OWNER IS NOT RESPONSIBLE FOR DAMAGE CAUSED BY OTHER TRADES WHILE COMPLETING THIS WORK.
- ALL SUBSTITUTIONS AND PLAN CHANGES MUST BE APPROVED BY THE OWNER'S REPRESENTATIVE. NO SUBSTITUTIONS SHALL BE MADE WITHOUT WRITTEN CONSENT OF THE OWNER'S REPRESENTATIVE.

- ANY WORK OR MATERIAL WHICH IN THE OPINION OF THE OWNER'S REPRESENTATIVE DOES NOT MEET THE REQUIREMENTS OF THE PLANS WILL BE CAUSE FOR REJECTION, ALL REJECTED WORK AND MATERIALS SHALL BE IMMEDIATELY REMOVED, DISPOSED AND REPLACED BY THE CONTRACTOR AT NO ADDITIONAL COST TO THE OWNER.
- BEGIN MAINTENANCE AFTER EACH PLANT HAS BEEN INSTALLED AND CONTINUE UNTIL FINAL ACCEPTANCE BY THE OWNER'S REPRESENTATIVE. MAINTENANCE INCLUDES WATERING, PRUNING, WEEDING, MULCHING, REPLACEMENT OF SICK OR DEAD PLANTS AND ANY OTHER CARE NECESSARY FOR THE PROPER GROWTH OF THE PLANT STOCK.
- DURING THE COURSE OF THIS WORK, REMOVE EXCESS WASTE MATERIAL DAILY FROM THE SITE AND UPON COMPLETION OF ALL WORK.
- TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITIES SHALL BE CONSERVED FOR LATER USE.
- PRIOR TO INSTALLATION OF PLANT MATERIALS, AREAS THAT HAVE BEEN COMPACTED OR DISTURBED BY CONSTRUCTION ACTIVITY SHALL BE THOROUGHLY LOOSENEED. ORGANIC AMENDMENTS SUCH AS COMPOST, PEAT OR ASER MANURE SHALL BE THOROUGHLY INCORPORATED.
- UPON COMPLETION OF ALL LANDSCAPING, A SUBSTANTIAL COMPLETION WALK-THROUGH OF THE WORK WILL BE HELD. THE CONTRACTOR SHALL NOTIFY THE OWNER'S REPRESENTATIVE FOR SCHEDULING THE WALK-THROUGH AT LEAST SEVEN (7) DAYS PRIOR TO THE ANTICIPATED DATE.
- WARRANTY ALL PLANT STOCK AND WORKMANSHIP FOR 12 MONTHS FROM THE DATE OF FINAL ACCEPTANCE. REPLACEMENT PLANTS SHALL BE WARRANTED FOR AN ADDITIONAL 90 DAYS.
- SOD ALL AREAS NOT INCLUDED IN PLANTING BEDS WITH A KENTUCKY BLUEGRASS, PER PLANS AND SPECIFICATIONS. SOD SHALL BE FROM A COMMERCIAL SOD FARM LOCATED IN MONTANA. SOD TYPE, CONDITION AND SOURCE SHALL BE APPROVED BY THE OWNER'S REPRESENTATIVE.

GENERAL NOTES

- ALL WORK SHALL BE CONTAINED WITHIN THE SUBJECT PROPERTY BOUNDARY LINES AND ADJACENT RIGHT-OF-WAY. PERMISSION TO ENTER ADJACENT, PRIVATE PROPERTY, IF NEEDED, IS THE RESPONSIBILITY OF THE CONTRACTOR. COORDINATE ALL WORK WITHIN CITY RIGHT-OF-WAY WITH THE CITY.
- IN ORDER TO PREVENT DAMAGE TO BOTH VEGETATION AND PUBLIC UTILITY LINES, ALL TREES AND OTHER LARGE STRUCTURES SHALL BE PLANTED NO CLOSER THAN THE MINIMUM DISTANCE SPECIFIED BY THE LOCAL JURISDICTION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO VERIFY DISTANCE FROM ALL UTILITIES AT TIME OF INSTALLATION.
- ANY DAMAGE TO UTILITY LINES RESULTING FROM THE ACTIONS OF THE CONTRACTOR IN THE INSTALLATION AND MAINTENANCE OF REQUIRED LANDSCAPING SHALL BE THE RESPONSIBILITY OF CONTRACTOR TO CORRECT.
- VERIFY WITH THE PROJECT MANAGER AND UTILITY COMPANIES THE LOCATIONS OF ALL EXISTING UTILITIES PRIOR TO START. REPAIR ANY DAMAGE TO EXISTING UTILITIES, CURBS, PAVEMENTS AND STRUCTURES WHICH OCCUR DURING THE CONSTRUCTION OF THE PROJECT OR AS A RESULT OF THE CONTRACTOR'S ACTIVITIES, AT NO ADDITIONAL COST TO THE OWNER.
- SAFEGUARD ALL BUILDING SURFACES, EQUIPMENT AND FURNISHINGS. THE CONTRACTOR IS RESPONSIBLE FOR ANY DAMAGE OR INJURY TO PERSONS OR PROPERTY WHICH MAY OCCUR AS A RESULT OF NEGLIGENCE IN THE EXECUTION OF THE WORK.
- REFER TO ARCHITECTURAL AND CIVIL DRAWINGS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. IF CONFLICTS EXIST CONTRACTOR SHALL BRING THESE TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.

MASTER PLANT SCHEDULE

SYM	QTY	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	ROOT	NOTES	MATURE HEIGHT	MATURE WIDTH
DECIDUOUS TREES								
AF	23	ACER X FREEMANNI	AUTUMN BLAZE MAPLE	1.5" CAL	B & B		50-60"	30-40"
AT	2	ACER TATARICUM	TATARIAN MAPLE	1.5" CAL	B & B		15-20"	15-20"
GT	7	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)	1.5" CAL	B & B		40-50"	30-35"
MA	21	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE	1.5" CAL	B & B	ORNAMENTAL	25-30"	15"
QM	3	QUERCUS MACROCARPA	BUR OAK	1.5" CAL	B & B		60-80"	60-80"
TC	17	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	1.5" CAL	B & B		45-50"	30-35"
UJ	39	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM	1.5" CAL	B & B		60-80"	60-80"
CONIFEROUS TREES								
AC	14	ABIES CONCOLOR	WHITE FIR	5-6" HT.	B & B		40-70"	20-30"
PI	6	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE	5-6" HT.	B & B		10-15"	7-10"
DECIDUOUS SHRUBS								
BT	42	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL	1 GAL.	CONTAINER	CRANBERRY LEAF COLOR	4-5'	4-5'
BE	88	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD	1 GAL.	CONTAINER		2'	3'
CB	64	CORNUS ALBA 'BALHAILO'	IVORY HALO DOGWOOD	1 GAL.	CONTAINER		5-6'	5-6'
CS	40	CORNUS STOLONIFERA 'YARROW'	YARROW DOGWOOD	1 GAL.	CONTAINER		3-4'	3-4'
HA	36	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE	1 GAL.	CONTAINER		3-5'	4-6'
LC	30	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY	1 GAL.	CONTAINER	EDIBLE FRUIT	4-5'	4-5'
LO	31	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY	1 GAL.	CONTAINER	EDIBLE FRUIT	3-4'	3-4'
PO	37	PHYSCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK	1 GAL.	CONTAINER		4-5'	4-5'
PF	12	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA	1 GAL.	CONTAINER		3-4'	3-4'
RA	30	RIVES ALPINUM	ALPINE CURRANT	1 GAL.	CONTAINER		3-5'	4-6'
RO	32	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE	1 GAL.	CONTAINER	PINK FLOWER	3-5'	3'
RU	51	RUBUS 'SOURIS'	SOURIS RASPBERRY	1 GAL.	CONTAINER	EDIBLE FRUIT	3-4'	3-4'
SP	59	SAUX PURPUREA 'GRACIUS'	DWARF ARCTIC WILLOW	1 GAL.	CONTAINER		5-6'	6-8'
SJ	74	SPIRAEA JAPONICA 'MADIC CARPET'	MADIC CARPET SPIREA	1 GAL.	CONTAINER	PINK FLOWER	2'	2'
SB	30	SPIRAEA X BIMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA	1 GAL.	CONTAINER		2-3'	3-4'
SD	31	SPIRAEA X BIMALDA 'GOLDFLAME'	GOLDFLAME SPIREA	1 GAL.	CONTAINER	PINK FLOWER	2-3'	3-4'
SC	35	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA	1 GAL.	CONTAINER	WHITE FLOWER	4-5'	4-5'
VT	56	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY	1 GAL.	CONTAINER		5'	5-6'
CONIFEROUS SHRUBS								
JH	6	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER	2 GAL.	CONTAINER	SPREADING	12"	3-6"
WB	22	JUNIPERUS SCOPULORUM 'WITCHITA BLUE'	WITCHITA BLUE JUNIPER	2 GAL.	CONTAINER		12-18"	5-7"
JN	37	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER	2 GAL.	CONTAINER	UPRIGHT	12-18"	6-10"
PC	9	PICEA PUNGENS PROCUMBENS	PROCBUMBS BLUE SPRUCE	2 GAL.	CONTAINER	SPREADING	12-30"	4-8"
PS	26	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE	2 GAL.	CONTAINER		5-6'	5-6"
PM	175	FINUS MUGO 'PUMILO'	DWARF MUGO PINE	2 GAL.	CONTAINER	DWARF	3-5'	3-6"
ORNAMENTAL GRASSES								
AG	140	ANDROPOGON GERARDI 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM				60"	24"
KF	367	CAULAGRASSIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	1 GAL.	CONTAINER		4-6"	3-4"
PV	84	PANICUM VIRGATUM 'SHEWANDOH'	SHEWANDOH SWITCH GRASS	1 GAL.	CONTAINER		36-48"	36"
SH	78	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED	1 GAL.	CONTAINER		24-36"	24-36"
PERENNIALS								
AM	-	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW	4.5" POT	CONTAINER	ORANGE/YELLOW	24-36"	12-24"
EP	28	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER	1 GAL.	CONTAINER	PURPLE FLOWER	24-36"	24"
HE	22	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM	1 GAL.	CONTAINER	ORANGE FLOWER	30"	36"
DL	30	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY	1 GAL.	CONTAINER	ORANGE	12-24"	18"
PV	10	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON	1 GAL.	CONTAINER	PINK FLOWERS	12-18"	12-18"
PA	-	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	1 GAL.	CONTAINER	PURPLE FLOWER	36-42"	36"
RF	3	RUBEBCKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUBEBCKIA	1 GAL.	CONTAINER	YELLOW FLOWER	24-30"	12-24"
SN	32	SALVIA NEMOROSA 'CARADONNA'	CARADONNA SALVIA	1 GAL.	CONTAINER	PURPLE FLOWER	24"	24"

SHEET INDEX

- L1.0 PLANTING NOTES & SCHEDULE
- L1.1 PLANTING PLAN
- L1.2 PLANTING PLAN
- L1.3 PLANTING PLAN
- L1.4 PLANTING PLAN
- L1.5 PLANTING PLAN
- L1.6 PLANTING PLAN
- L1.7 PLANTING PLAN
- L1.8 PLANTING PLAN
- L1.9 PLANTING PLAN
- L1.10 PLANTING PLAN
- L1.11 PLANTING PLAN
- L1.12 PLANTING PLAN
- L1.13 PLANTING DETAILS

PLANT SCHEDULE

DRYLAND TURF MIX, BY TREASURE STATE SEED (OR APPROVED EQUAL)	
25% HARD FESCUE	
20% SHEEP FESCUE	
20% FAIRWAY CRESTED WHEATGRASS	
20% TURF TYPE TALL FESCUE	
10% SODAR STREAMBANK WHEAT GRASS	
5% CANADA BLUEGRASS	
WETLAND POND MIX, BY TREASURE STATE SEED (OR APPROVED EQUAL)	
25% GARRISON FORTAL	
25% CLIMAX TIMOTHY	
15% REED CANARYGRASS	
15% STRAKER REDTOP	
10% ALSIKE CLOVER	
10% TUFTED HAIRGRASS	

SEEING NOTE:
 1. PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 90% GERMINATION, NOT LESS THAN 0.5% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY DRYLAND TURF SEED MIXTURE AT A RATE OF 1-2 LBS/1000 SQ. FT. DRILL SEED. APPLY WETLAND SEED MIXTURE AT A RATE OF 12-14 LBS/ACRE, DRILL SEED.
 2. RESEED ALL DISTURBED AREAS WITHIN RIGHT-OF-WAY WHERE SOD IS NOT SPECIFIED, TYP.

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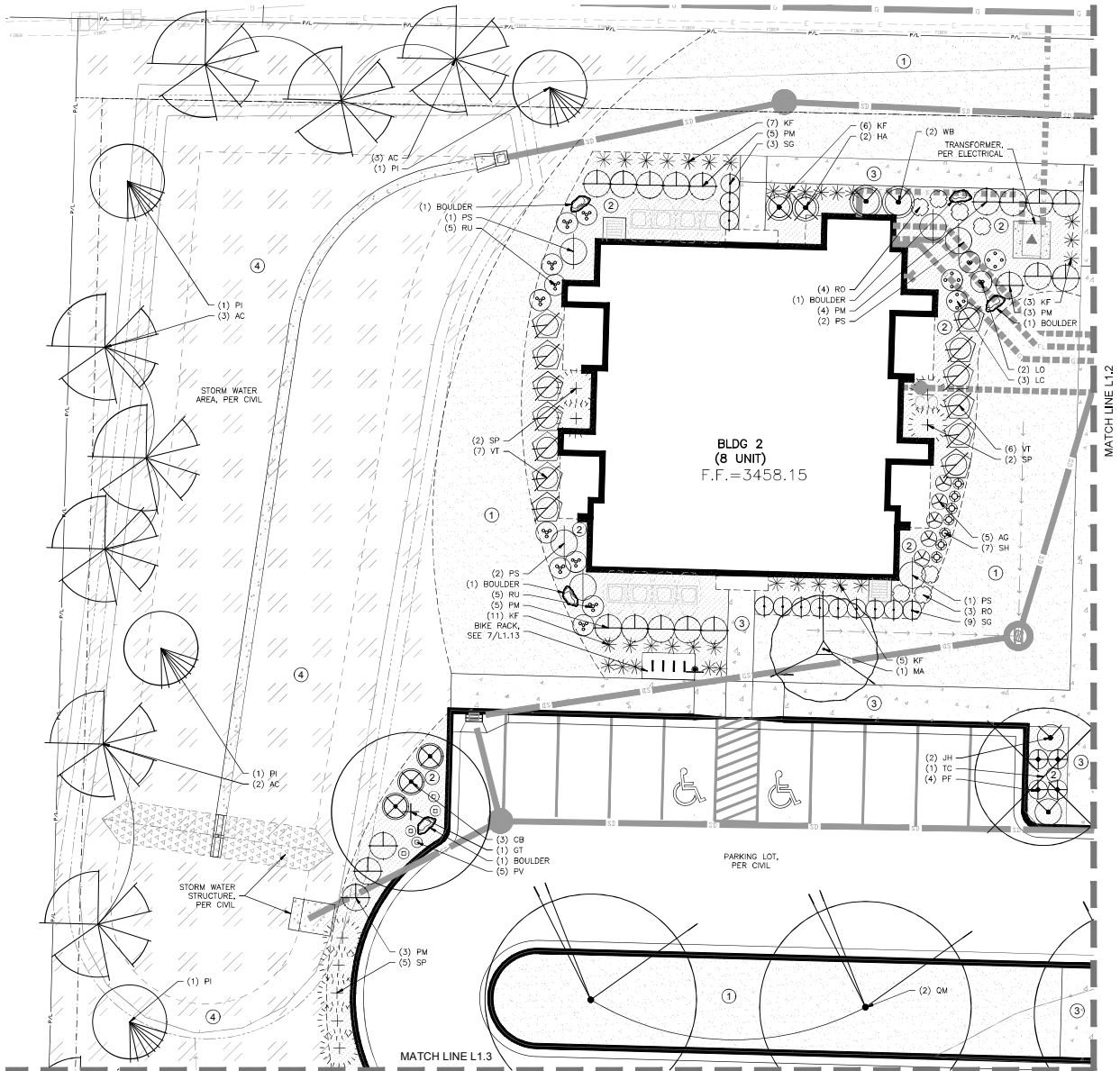
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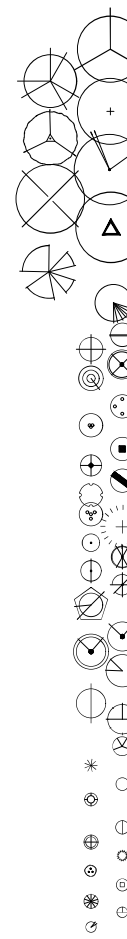
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 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO. 16-187
 FIELD NO.

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING NOTES AND SCHEDULE

PLANTING PLAN SHEET L1.1



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERY CONCORD
CB	CORNUS ALBA 'BAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS 'KAMTSCHATKA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSDOCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD HINEBARK
PT	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPIULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCO GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FROESTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATROPURPUREA	RUSSIAN SAGE
RF	RUDEBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDEBECKIA
SN	SALVA NEMOROSA 'CARADONNA'	CARADONNA SALVA



NOTES:

- PLANTS IN LEGEND NOT SHOWN TO SCALE.
- ALL PLANTING BEDS TO BE MULCHED WITH 3" DEPTH 1.5 INCH WASHED RIVER ROCK, UNLESS OTHERWISE NOTED.
- SEE SHEET L1.13 FOR PLANTING DETAILS.
- SEE CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

0 10' 20' 30'
SCALE

NOT FOR CONSTRUCTION

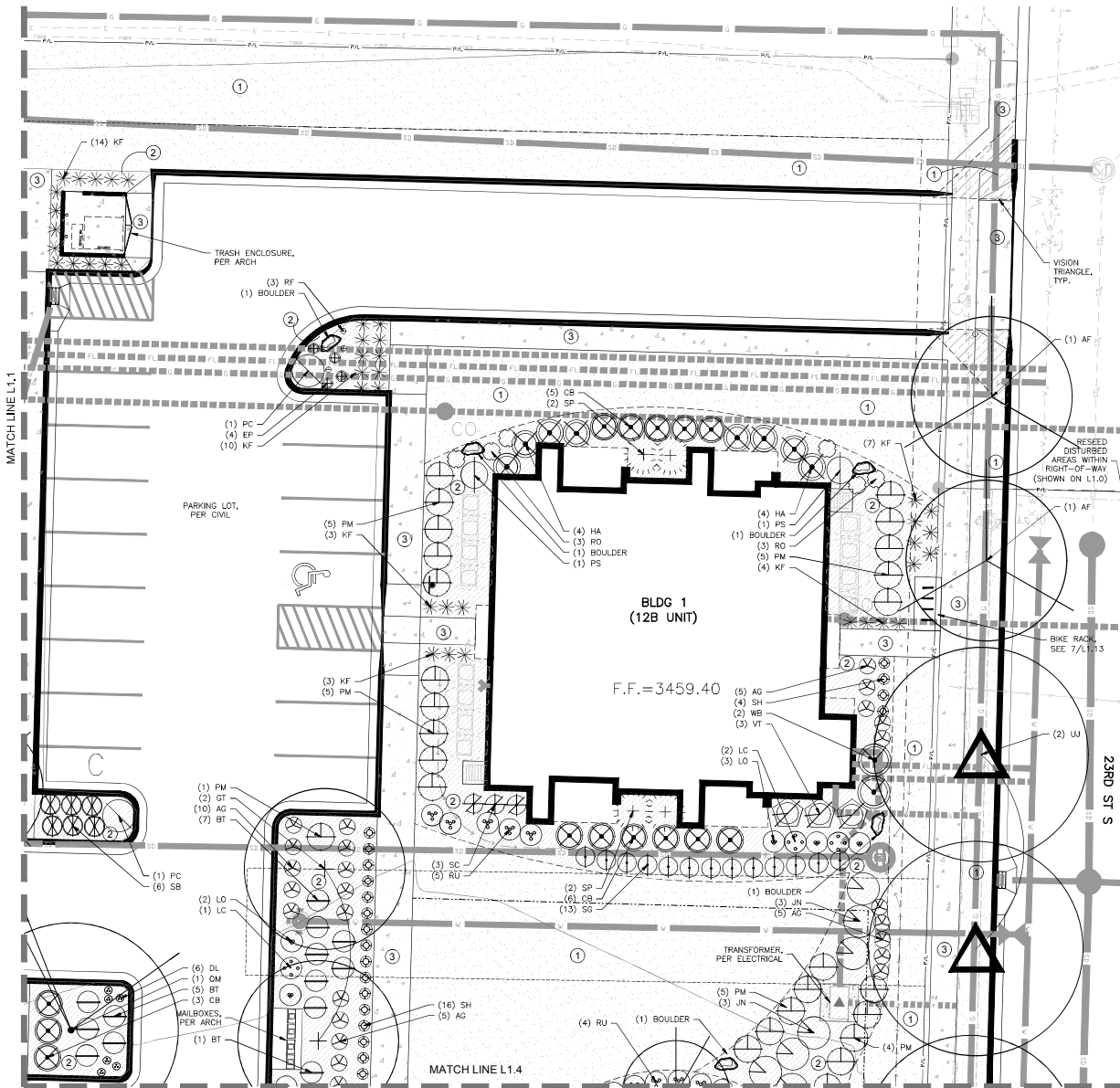
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DATE:	2.2.18
JOB NO.:	16-187
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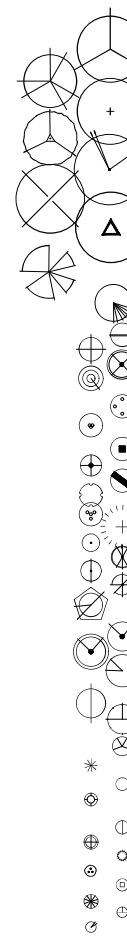
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QUALITY CHECK: JJC
DATE: 2.2.18
JOB NO.: 16-187
FIELD BOOK:

ROCKCRESS COMMONS
GREAT FALLS, MT
PLANTING PLAN

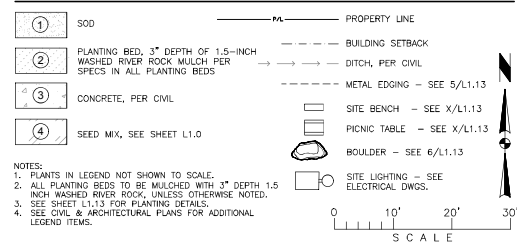
PLANTING PLAN SHEET L1.2



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AG	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'BAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PF	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SP	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPIULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FORSTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RHUBECHEA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RHUBECHEA
SN	SALVIA NEMOROSA 'CARADONNA'	CARADONNA SALVIA



LEGEND



NOT FOR CONSTRUCTION

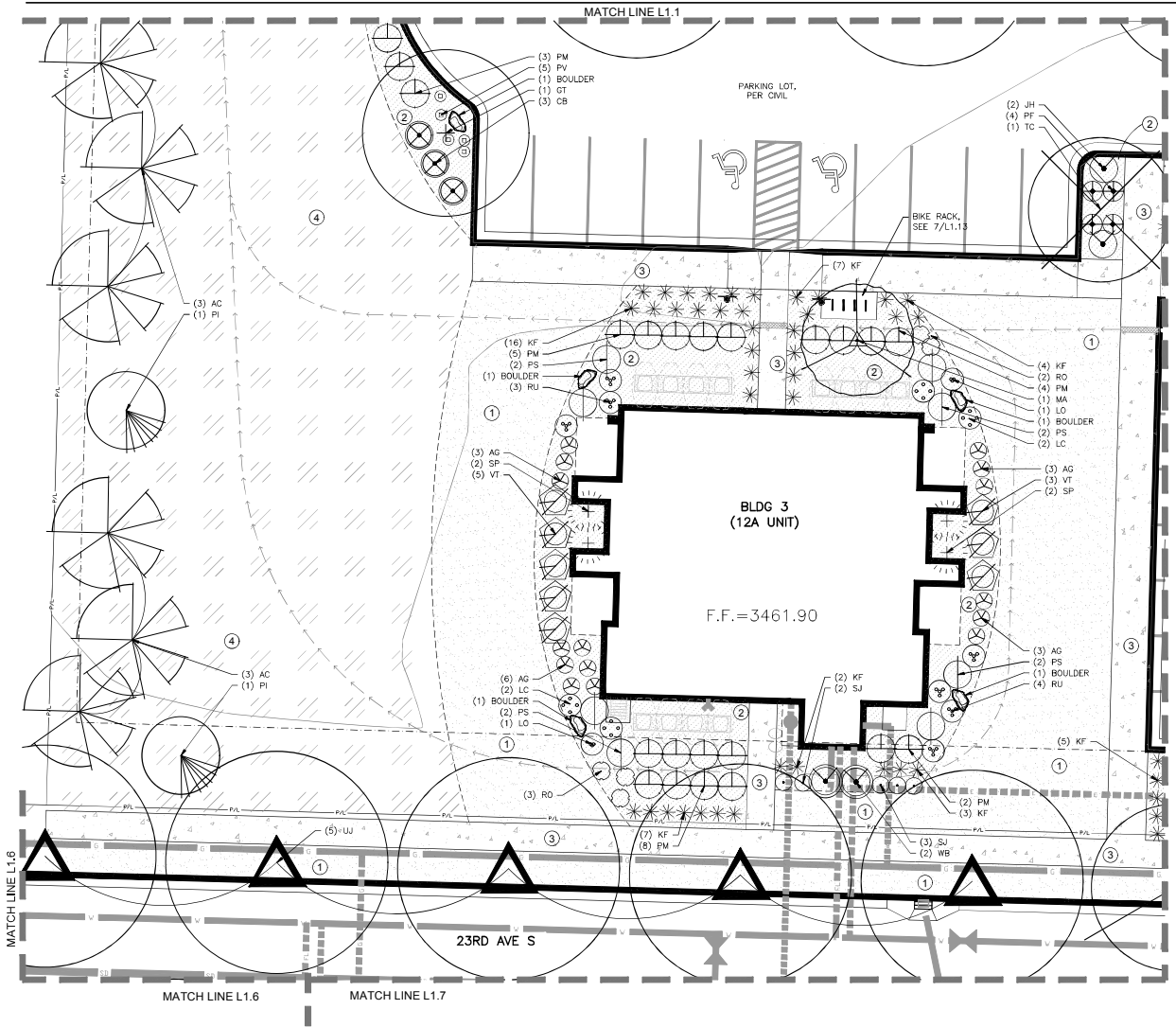
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REV	DATE



DESIGNED BY: JJC
 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO. 16-187
 FIELD NO. 16-187

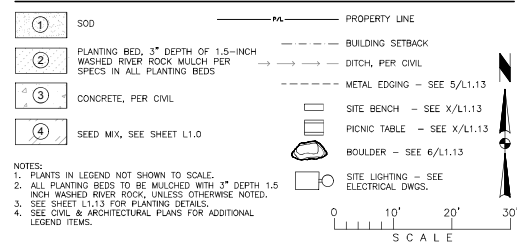
ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

PLANTING PLAN SHEET L1.3



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'SAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PF	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT Highbush Cranberry
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSIDE
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RUDBECHIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDBECKIA
SN	SALVIA MEMOROSA 'CARADONNA'	CARADONNA SALVIA

LEGEND



- NOTES:
 1. PLANTS IN LEGEND NOT SHOWN TO SCALE.
 2. ALL PLANTING BEDS TO BE MULCHED WITH 3" DEPTH 1.5 INCH WASHED RIVER ROCK, UNLESS OTHERWISE NOTED.
 3. SEE SHEET L1.13 FOR PLANTING DETAILS.
 4. SEE CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

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REVISION	
REV	DATE



DRAWN BY: KBP
 DESIGNED BY: JJC
 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO. 16-187
 FIELD BOOK

ROCKRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

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REVISION	
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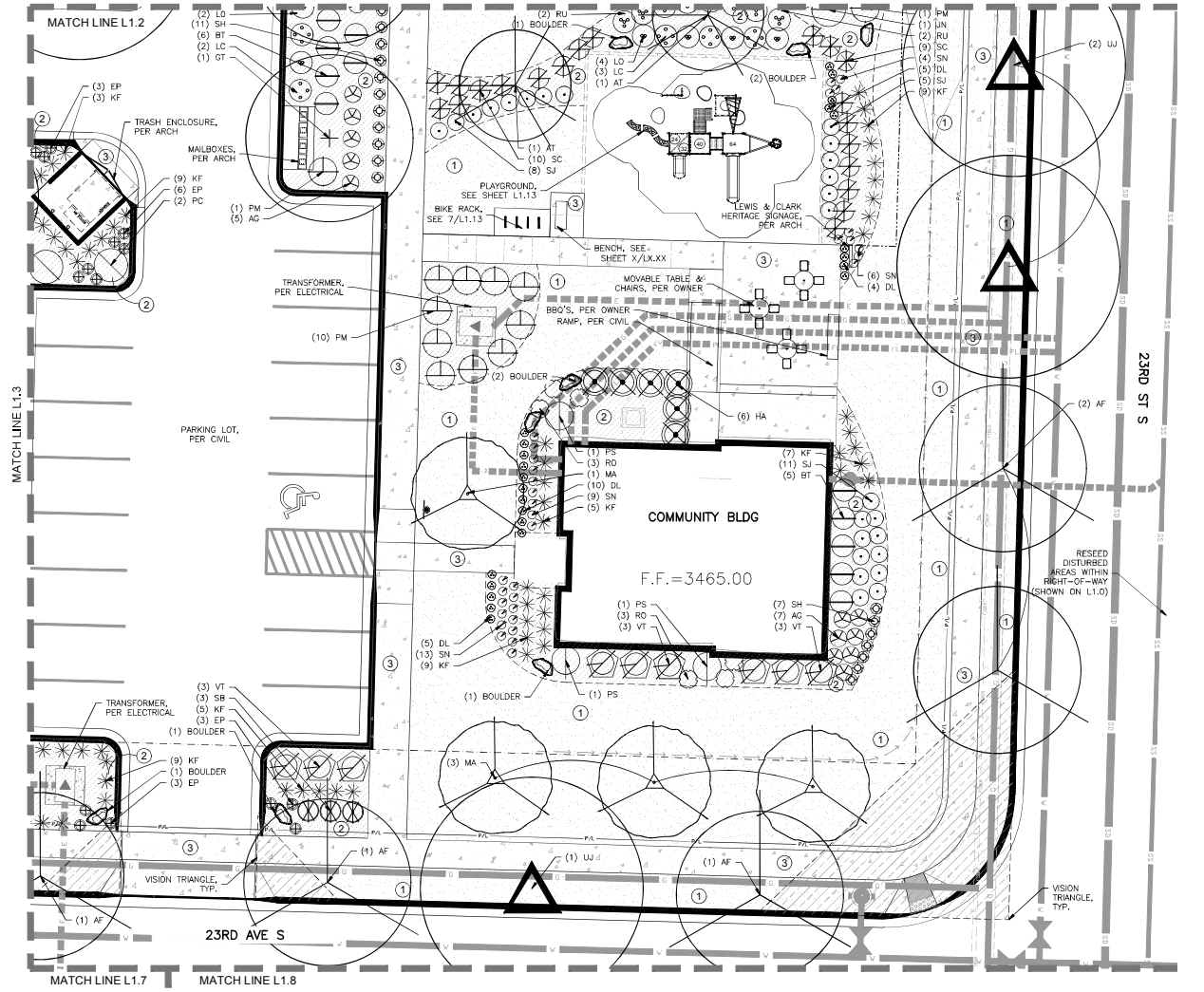


DESIGNED BY: JJC
 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO. 16-187
 FIELD NO.

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

16-187-L1.1.X.DWG
 SHEET L1.4

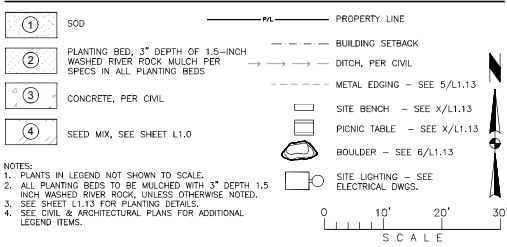
PLANTING PLAN SHEET L1.4



PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDTISIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AG	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERY CONCORD
CB	CORNUS ALBA 'SAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSOCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PT	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'WORDEN CENTENNIAL'	WORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SJ	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT Highbush CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOOPULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'FUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDI 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FRIESTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSIDE
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PRENANSA 'RED ROCKS'	RED ROCKS PRENANSA
PA	PEROVSKIA ATROPURPUREA	RUSSIAN SAGE
RF	RUBROECIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUBROECIA
SN	SALVIA NEMOROSA 'CARADONNA'	CARADONNA SALVIA

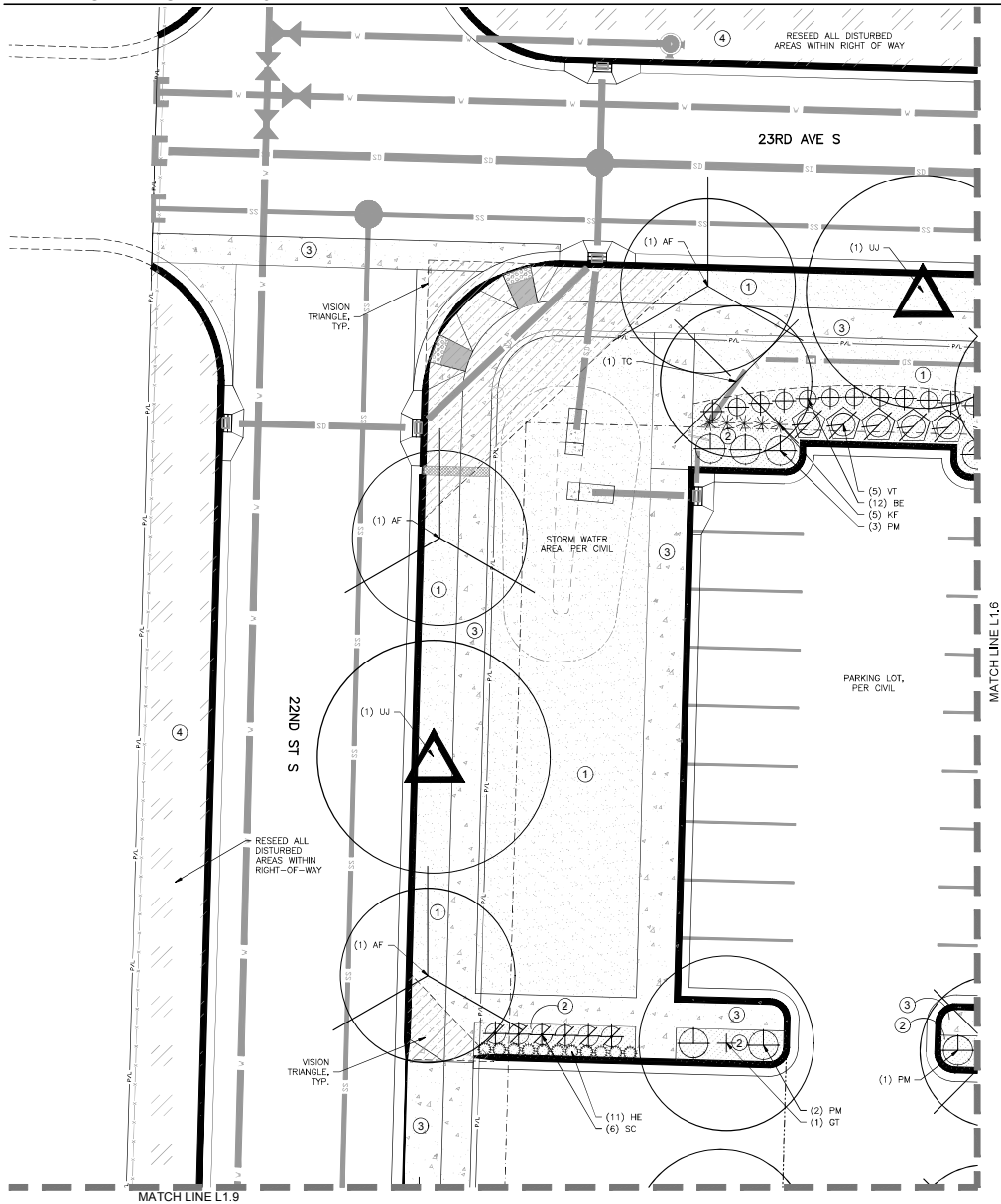
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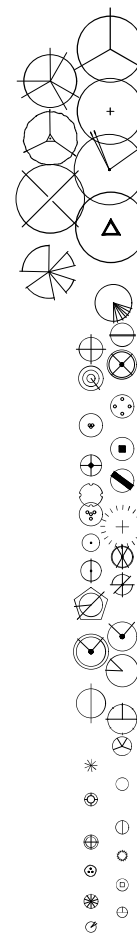
NOTES:
 1. PLANTS IN LEGEND NOT SHOWN TO SCALE.
 2. ALL PLANTING BEDS TO BE MULCHED WITH 3" DEPTH 1.5 INCH WASHED RIVER ROCK, UNLESS OTHERWISE NOTED.
 3. SEE SHEET L1.13 FOR PLANTING DETAILS.
 4. SEE CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.



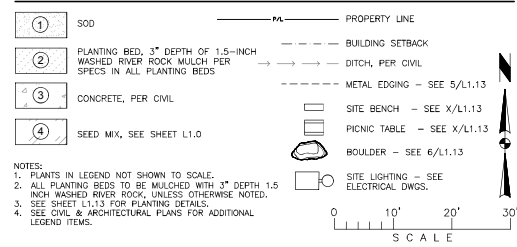
PLANTING PLAN SHEET L1.5



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'SAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSCARPUS OPULOLIDUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PT	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FORSTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDAH'	SHENANDAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PRINTEMON 'RED ROCKS'	RED ROCKS PRINTEMON
PA	PEROVSKIA APRILICOLORATA	RUSSIAN SAGE
RF	RUIDEBECKIA FULGIDA 'GOLDSUNDRUM'	BLACK EYED SUSAN RUIDEBECKIA
SN	SALVIA NEMOROSA 'CARADONNA'	CARADONNA SALVIA



LEGEND



NOT FOR CONSTRUCTION

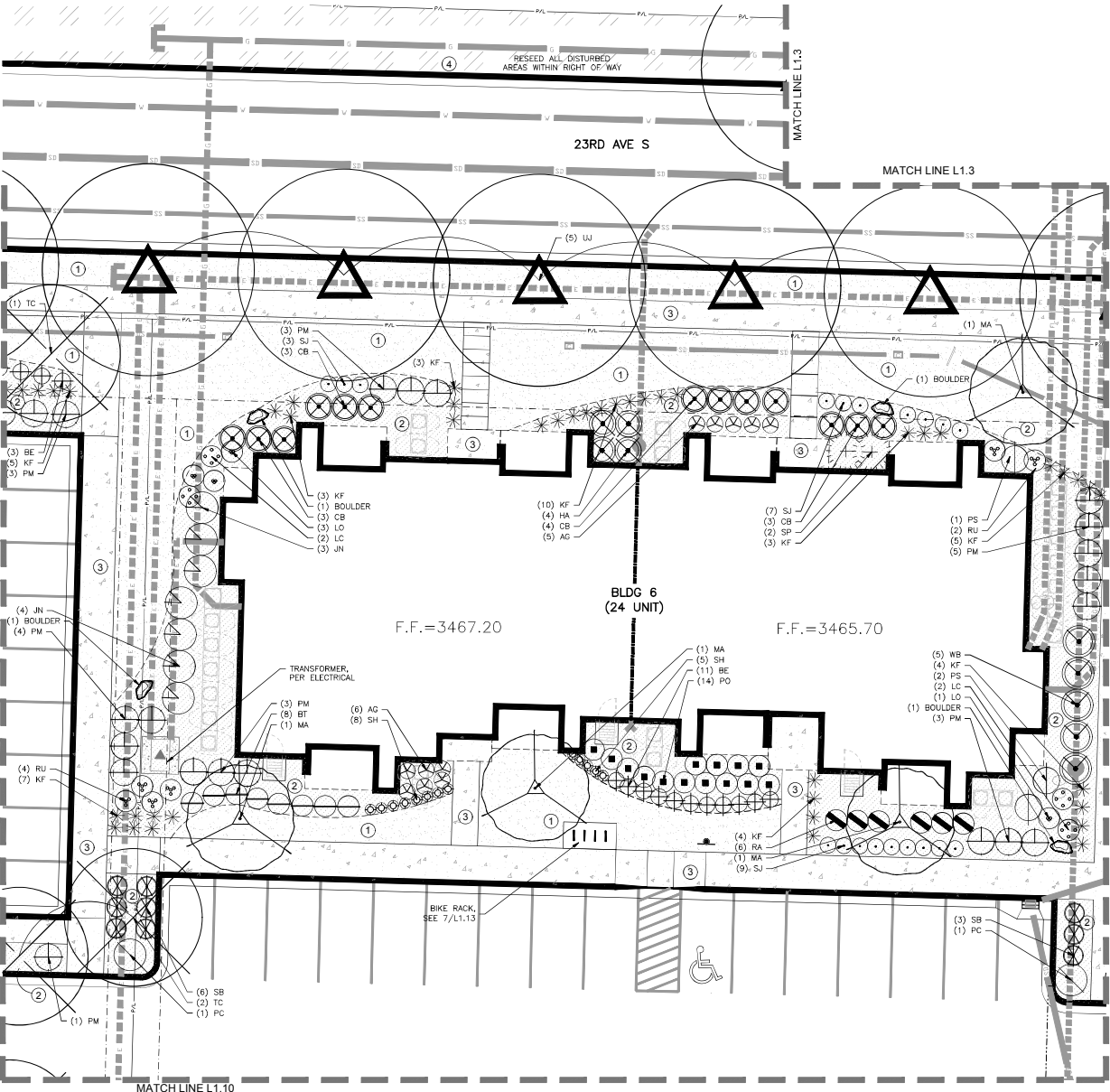
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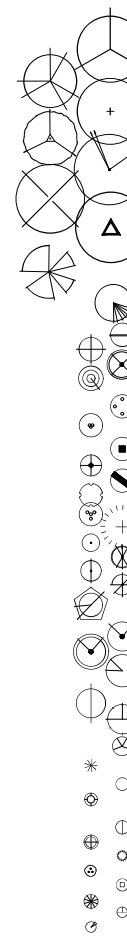
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 DESIGNED BY: JJC
 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO.: 16-187
 FIELDBOOK

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

PLANTING PLAN SHEET L1.6



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'SAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PT	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPIMUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT Highbush CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER START POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSIDE
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HL	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RUDEBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDEBECKIA
SN	SALVIA MEMOROSA 'CARADONNA'	CARADONNA SALVIA



NOTES:

- PLANTS IN LEGEND NOT SHOWN TO SCALE.
- ALL PLANTING BEDS TO BE MULCHED WITH 3" DEPTH 1.5 INCH WASHED RIVER ROCK, UNLESS OTHERWISE NOTED.
- SEE SHEET L1.13 FOR PLANTING DETAILS.
- SEE CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

0 10' 20' 30'

SCALE

NOT FOR CONSTRUCTION

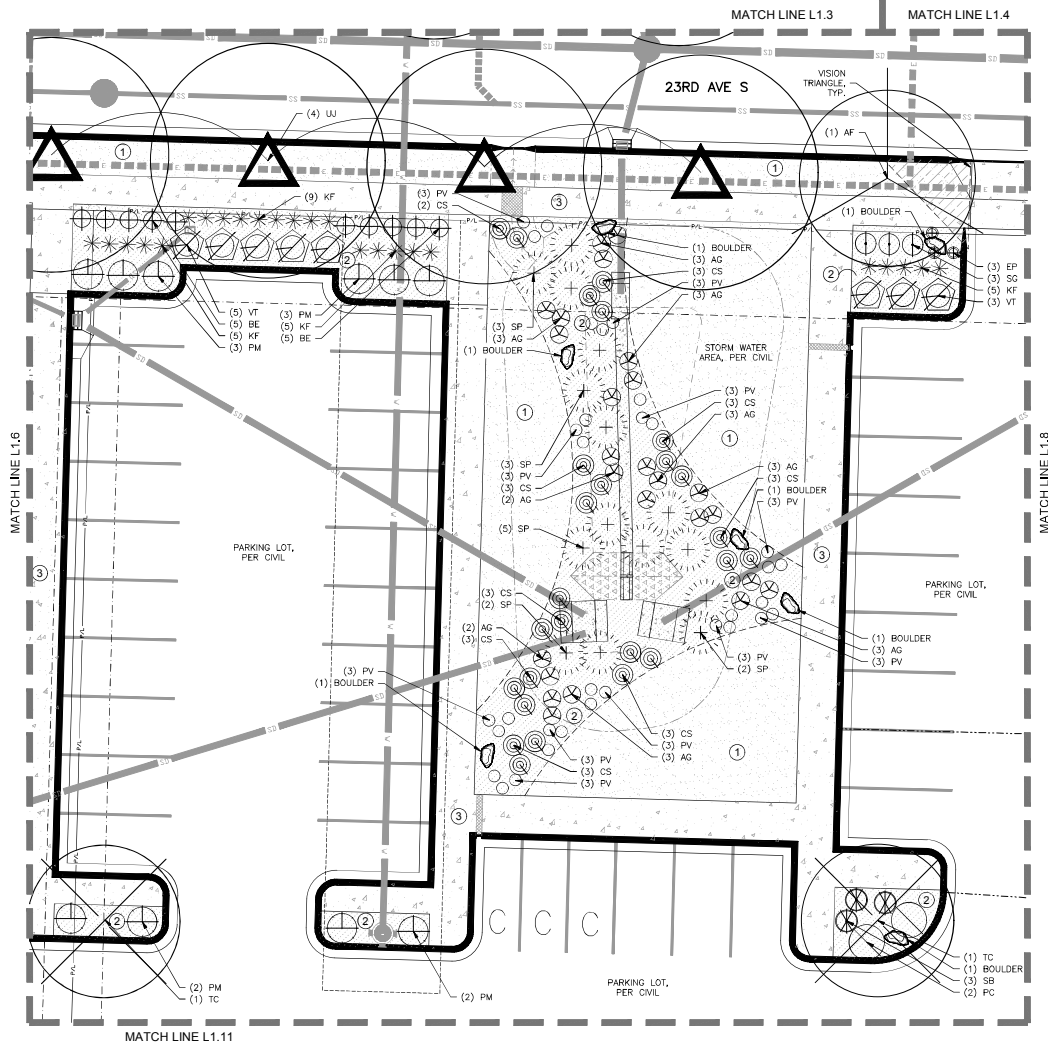
REV	DATE	REVISION



DRAWN BY: KBP
 DESIGNED BY: JJC
 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO. 16-187
 FIELD NO. 16-187

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

PLANTING PLAN SHEET L1.7



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRICANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UL	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AG	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	Berberis 'TARA'	BARBERRY EMERALD CAROUSEL
BE	Berberis thunbergii 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'SAILHALO'	IVORY HALD DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSOCARPUS OPULOFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PT	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOUBIS'	SOUBIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREEA
SB	SPIRAEEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREEA
SG	SPIRAEEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREEA
SC	SPIRAEEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREEA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT Highbush CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPULORUM 'WITCHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER START POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FROESTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATROPURPUREA	RUSSIAN SAGE
RF	RUDBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDBECKIA
SN	SALVIA MEMOROSA 'CARADONNA'	CARADONNA SALVIA

LEGEND

- ① SOD
- ② PLANTING BED, 3" DEPTH OF 1.5-INCH WASHED RIVER ROCK MULCH PER SPECS IN ALL PLANTING BEDS
- ③ CONCRETE, PER CIVIL
- ④ SEED MIX, SEE SHEET L1.0
- PA— PROPERTY LINE
- BUILDING SETBACK
- - - - - DITCH, PER CIVIL
- - - - - METAL EDGING - SEE 5/L1.13
- ▭ SITE BENCH - SEE X/L1.13
- ▭ PICNIC TABLE - SEE X/L1.13
- BOULDER - SEE 6/L1.13
- SITE LIGHTING - SEE ELECTRICAL DWGS.

NOTES:
 1. PLANTS IN LEGEND NOT SHOWN TO SCALE.
 2. ALL PLANTING BEDS TO BE MULCHED WITH 3" DEPTH 1.5 INCH WASHED RIVER ROCK, UNLESS OTHERWISE NOTED.
 3. SEE SHEET L1.13 FOR PLANTING DETAILS.
 4. SEE CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

0 10' 20' 30'
SCALE

NOT FOR CONSTRUCTION

REVISION	
REV	DATE

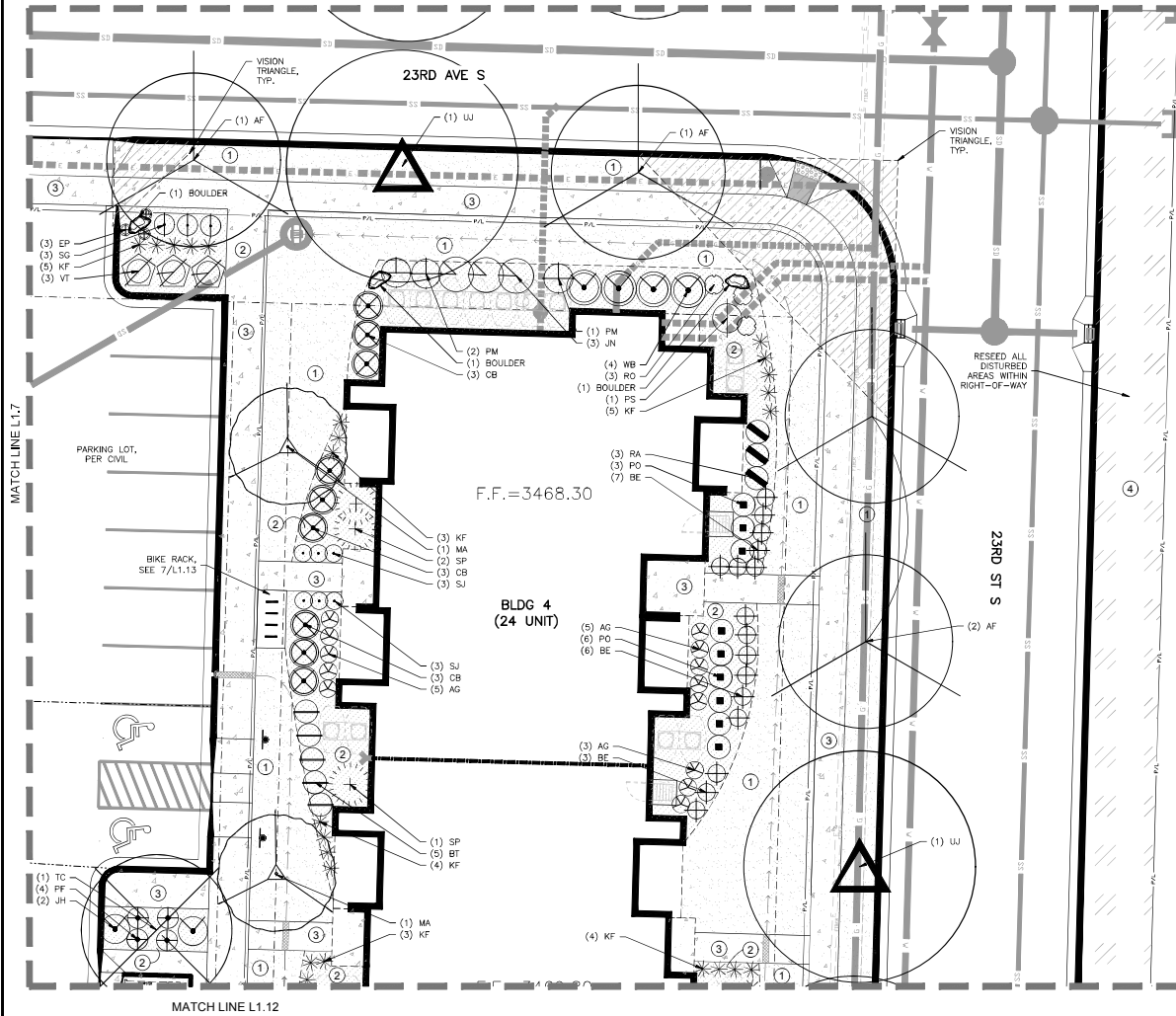


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 DESIGNED BY: JJC
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 DATE: 2.2.16
 JOB NO. 16-167
 FIELD BOOK

ROCKCRESS COMMONS
 GREAT FALLS, MT
PLANTING PLAN

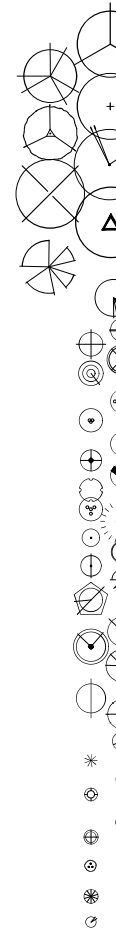
PLANTING PLAN SHEET L1.8

MATCH LINE L1.4

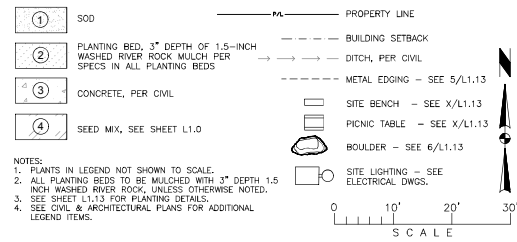


PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'SAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSOCARPUS OPIULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PF	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RHODNCHIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RHODNCHIA
SN	SALVIA NEMOROSA 'CARADONNA'	CARADONNA SALVIA



LEGEND



NOT FOR CONSTRUCTION

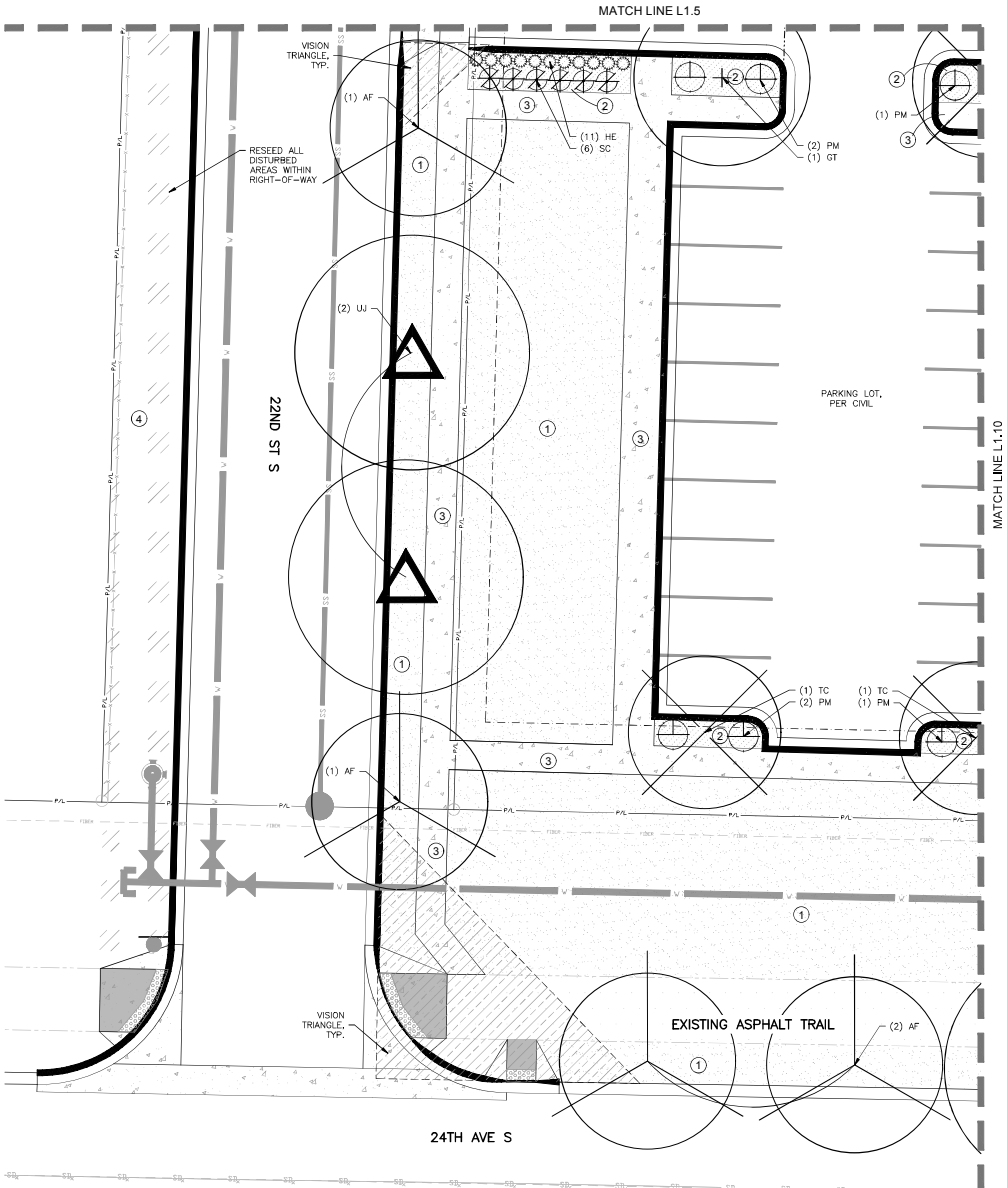
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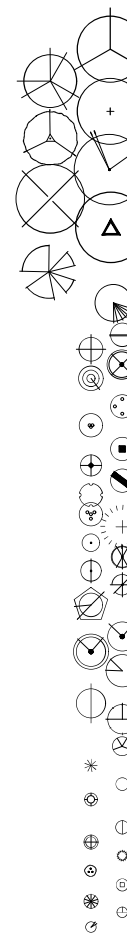
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 DESIGNED BY: JJC
 QUALITY CHECK: JJC
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 JOB NO. 16-187
 FIELD NO.

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

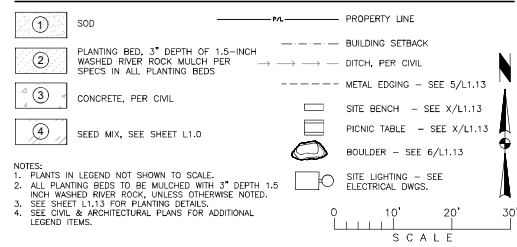
PLANTING PLAN SHEET L1.9



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'BAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATKA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSCARPUS OPULENTIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PF	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPIFLORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FROESTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RUDEBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDEBECKIA
SN	SALVIA NEMOROSA 'CARADONNA'	CARADONNA SALVIA



LEGEND



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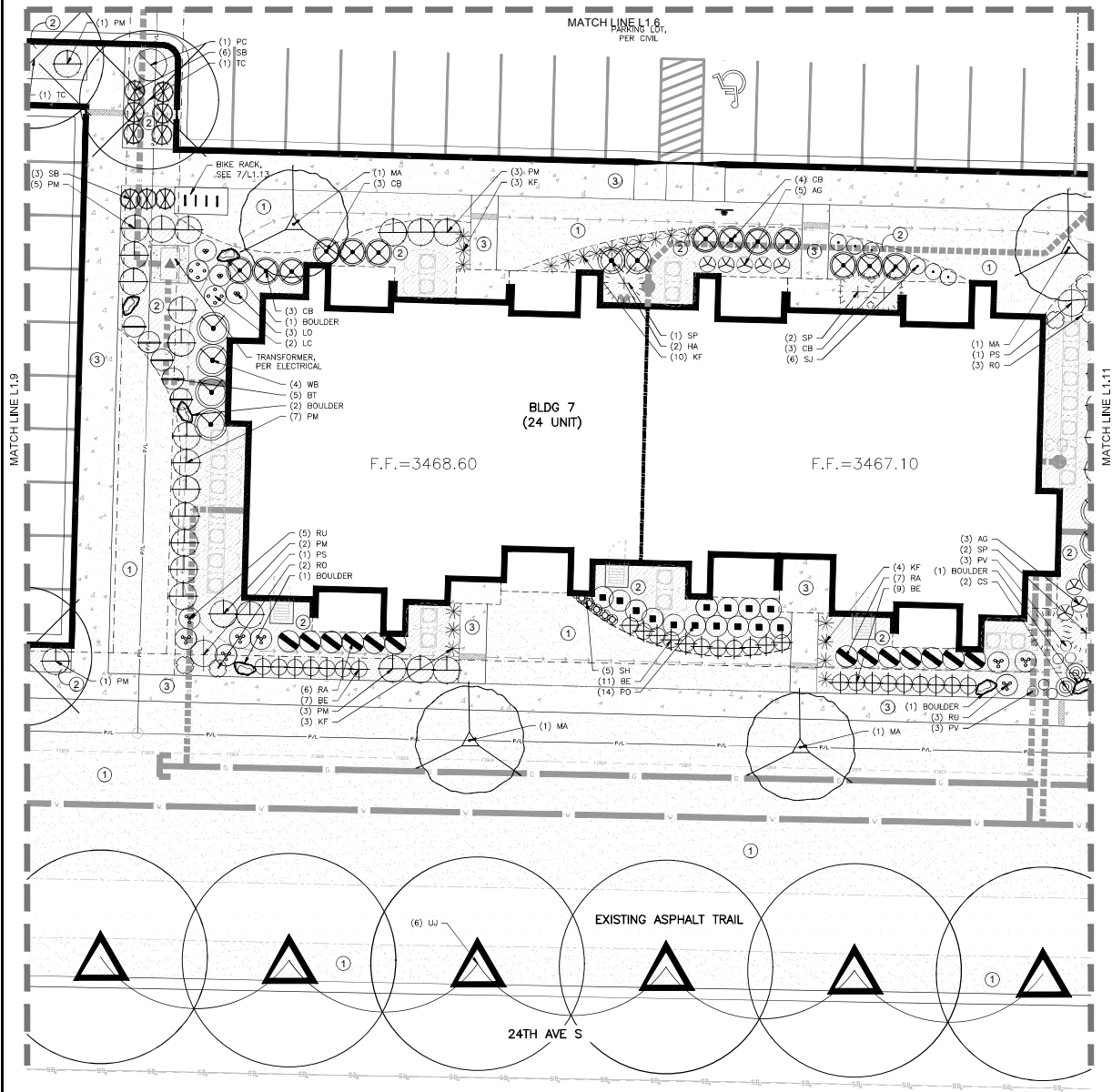
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DRAWN BY: JKB
 DESIGNED BY: JJC
 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO. 16-187
 FIELD BOOK

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

PLANTING PLAN SHEET L1.10



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AG	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERY CONCORD
CB	CORNUS ALBA 'SAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PT	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPULORUM 'WICHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FROESTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RUDEBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDEBECKIA
SN	SALVIA MEMOROSA 'CARADONNA'	CARADONNA SALVIA

LEGEND

- ① SOD
- ② PLANTING BED, 3" DEPTH OF 1.5-INCH WASHED RIVER ROCK MULCH PER SPECS IN ALL PLANTING BEDS
- ③ CONCRETE, PER CIVIL
- ④ SEED MIX, SEE SHEET L1.10

--- PA --- PROPERTY LINE
 --- --- BUILDING SETBACK
 --- --- DITCH, PER CIVIL
 --- --- METAL EDGING - SEE 5/L1.13
 --- --- SITE BENCH - SEE X/L1.13
 --- --- PICNIC TABLE - SEE X/L1.13
 --- --- BOULDER - SEE 6/L1.13
 --- --- SITE LIGHTING - SEE ELECTRICAL DWGS.

NOTES:
 1. PLANTS IN LEGEND NOT SHOWN TO SCALE.
 2. ALL PLANTING BEDS TO BE MULCHED WITH 3" DEPTH 1.5 INCH WASHED RIVER ROCK, UNLESS OTHERWISE NOTED.
 3. SEE SHEET L1.13 FOR PLANTING DETAILS.
 4. SEE CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

0 10' 20' 30'
SCALE

NOT FOR CONSTRUCTION

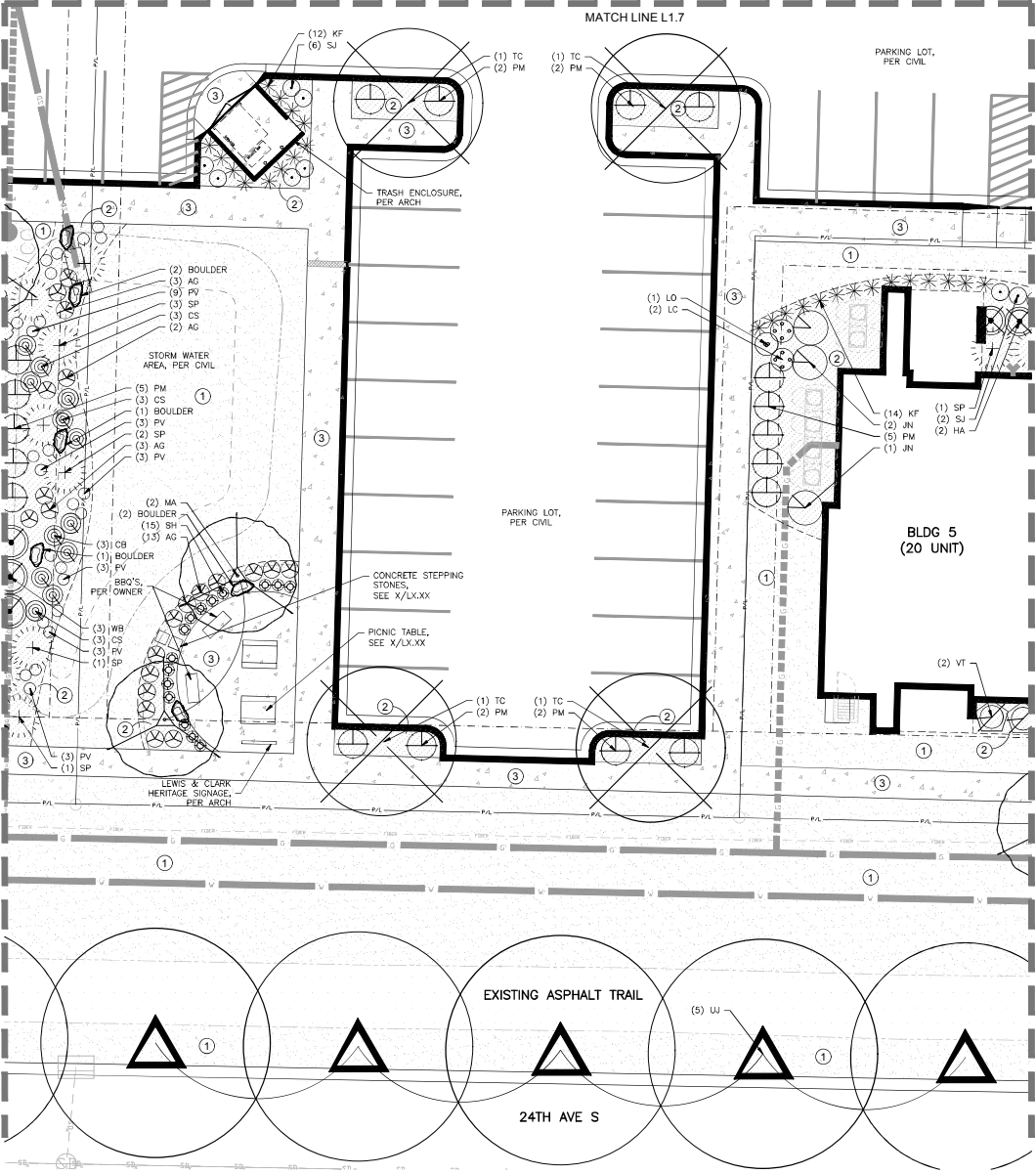
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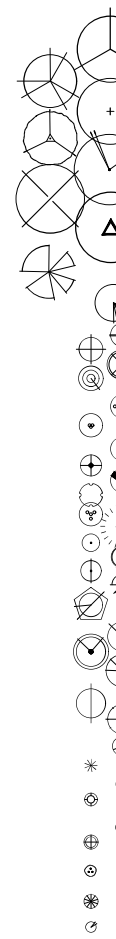
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ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

PLANTING PLAN SHEET L1.11



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'BAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSOCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PT	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SJ	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SU	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SO	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
VT	VIBURNUM TRILOBUM 'BAILEY COMPACT'	BAILEY COMPACT HIGHBUSH CRANBERRY
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
WB	JUNIPERUS SCOPIZOLORUM 'WITCHITA BLUE'	WICHITA BLUE JUNIPER
JN	JUNIPERUS X STAR POWER 'J.N. SELECT BLUE'	JUNIPER STAR POWER
PC	PICEA PUNGENS PROCUMBENS	PROCUMBENS BLUE SPRUCE
PS	PICEA PUNGENS 'GLAUCOA GLOBOSA'	GLOBE BLUE SPRUCE
PM	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE
ORNAMENTAL GRASSES		
AG	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM
KF	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS
PV	PANICUM VIRGATUM 'SHENANDOAH'	SHENANDOAH SWITCH GRASS
SH	SPOROBOOLUS HETEROLEPIS	PRAIRIE DROPSSEED
PERENNIALS		
AM	ACHILLEA MILLEFOLIUM 'PAPRIKA'	PAPRIKA YARROW
EP	ECHINACEA PURPUREA 'MAGNUS'	MAGNUS PURPLE CONEFLOWER
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RUDBECHIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDBECHIA
SN	SALVIA MEMOROSA 'CARADONNA'	CARADONNA SALVIA



LEGEND

- ① SOD
- ② PLANTING BED, 3" DEPTH OF 1.5-INCH WASHED RIVER ROCK MULCH PER SPECS IN ALL PLANTING BEDS
- ③ CONCRETE, PER CIVIL
- ④ SEED MIX, SEE SHEET L1.0
- PA — PROPERTY LINE
- BUILDING SETBACK
- - - DITCH, PER CIVIL
- - - METAL EDGING - SEE 5/L1.13
- SITE BENCH - SEE X/L1.13
- ▭ PICNIC TABLE - SEE X/L1.13
- BOULDER - SEE 6/L1.13
- SITE LIGHTING - SEE ELECTRICAL DWGS.

NOTES:
 1. PLANTS IN LEGEND NOT SHOWN TO SCALE.
 2. ALL PLANTING BEDS TO BE MULCHED WITH 3" DEPTH 1.5 INCH WASHED RIVER ROCK, UNLESS OTHERWISE NOTED.
 3. SEE SHEET L1.13 FOR PLANTING DETAILS.
 4. SEE CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

0 10' 20' 30'
SCALE

NOT FOR CONSTRUCTION

RESERVED

REV. | DATE

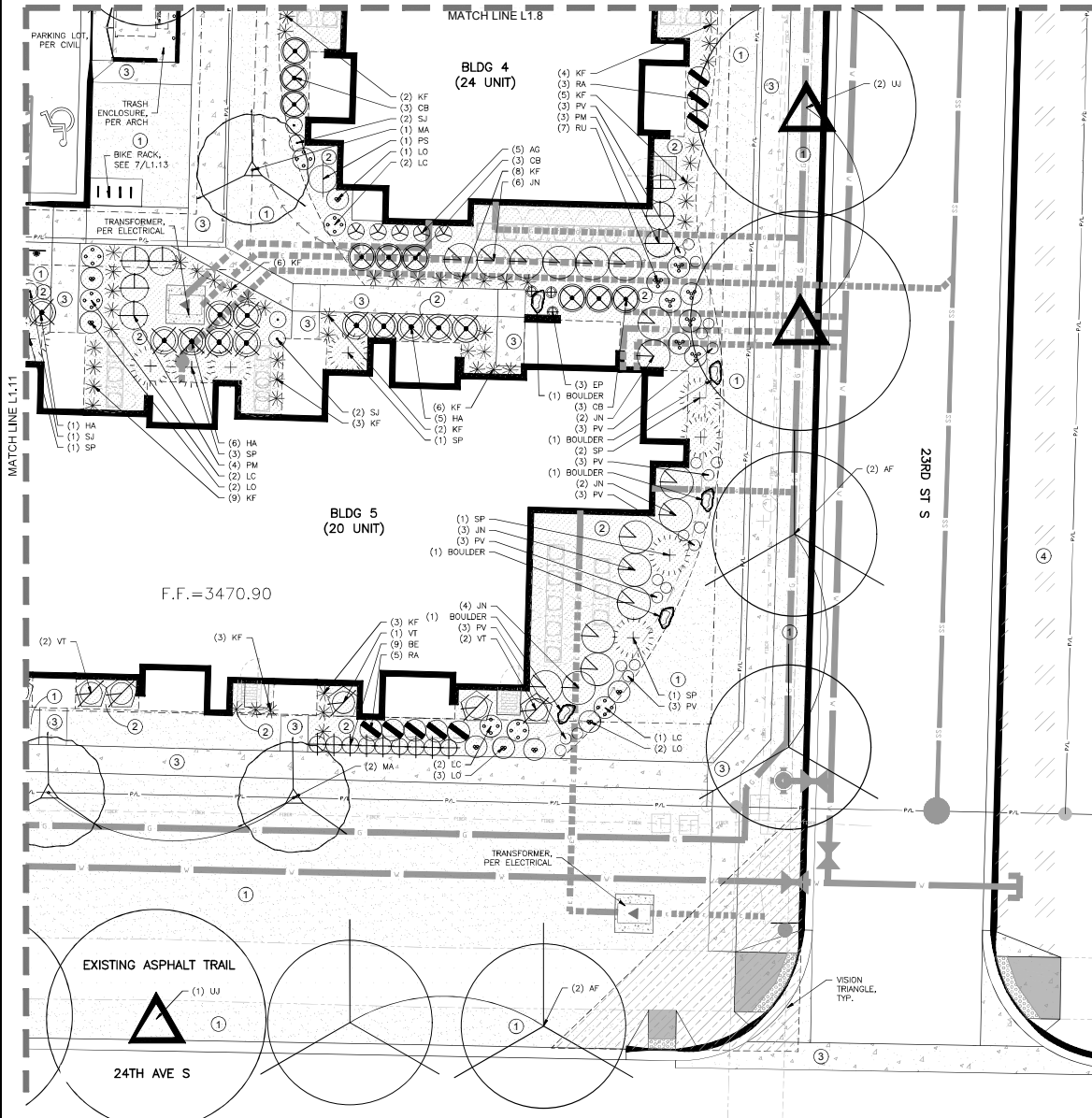
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DRAWN BY: KBP
 DESIGNED BY: JJC
 QUALITY CHECK: JJC
 DATE: 2.2.18
 JOB NO. 16-187
 FIELD BOOK

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

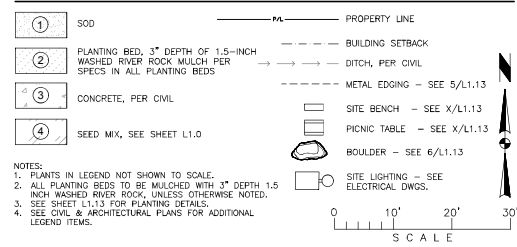
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 SHEET L1.11

PLANTING PLAN SHEET L1.12



PLANT SCHEDULE		
SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AF	ACER X FREEMANI	AUTUMN BLAZE MAPLE
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
QM	QUERCUS MACROCARPA	BUR OAK
TC	TILIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UJ	ULMUS JAPONICA X WILSONIANA 'MORTON'	MORTON ELM
CONIFEROUS TREES		
AC	ABIES CONCOLOR	WHITE FIR
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
BT	BERBERIS 'TARA'	BARBERRY EMERALD CAROUSEL
BE	BERBERIS THUNBERGII 'CONCORD'	BARBERRY CONCORD
CB	CORNUS ALBA 'BAILHALO'	IVORY HALO DOGWOOD
CS	CORNUS STOLONIFERA 'FARROW'	ARCTIC FIRE DOGWOOD
HA	HYDRANGEA ARBORESCENS 'ANNABELLE'	ANNABELLE HYDRANGEA
LC	LONICERA CAERULEA 'TUNDRA'	TUNDRA HONEYBERRY
LO	LONICERA EDULIS KAMTSCHATICA 'POLAR JEWEL'	POLAR JEWEL HONEYBERRY
PO	PHYSCARPUS OPULIFOLIUS 'DARTS GOLD'	DART'S GOLD NINEBARK
PF	POTENTILLA FRUTICOSA	GOLDFINGER POTENTILLA
RA	RIBES ALPINUM	FURRANT ALPINE
RO	ROSA 'MORDEN CENTENNIAL'	MORDEN CENTENNIAL ROSE
RU	RUBUS 'SOURIS'	SOURIS RASPBERRY
SP	SALIX PURPUREA 'GRACILIS'	DWARF ARCTIC WILLOW
SU	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SB	SPIRAEA X BUMALDA 'ANTHONY WATERER'	ANTHONY WATERER SPIREA
SG	SPIRAEA X BUMALDA 'GOLDFLAME'	GOLDFLAME SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
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DL	HEMEROCALLIS 'STELLA D'ORO'	STELLA D'ORO DAYLILY
PV	PENTSTEMON 'RED ROCKS'	RED ROCKS PENTSTEMON
PA	PEROVSKIA ATRIPLEXIFOLIA	RUSSIAN SAGE
RF	RUDEBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDEBECKIA
SN	SALVIA MEMOROSA 'CARADONNA'	CARADONNA SALVIA

LEGEND



NOT FOR CONSTRUCTION

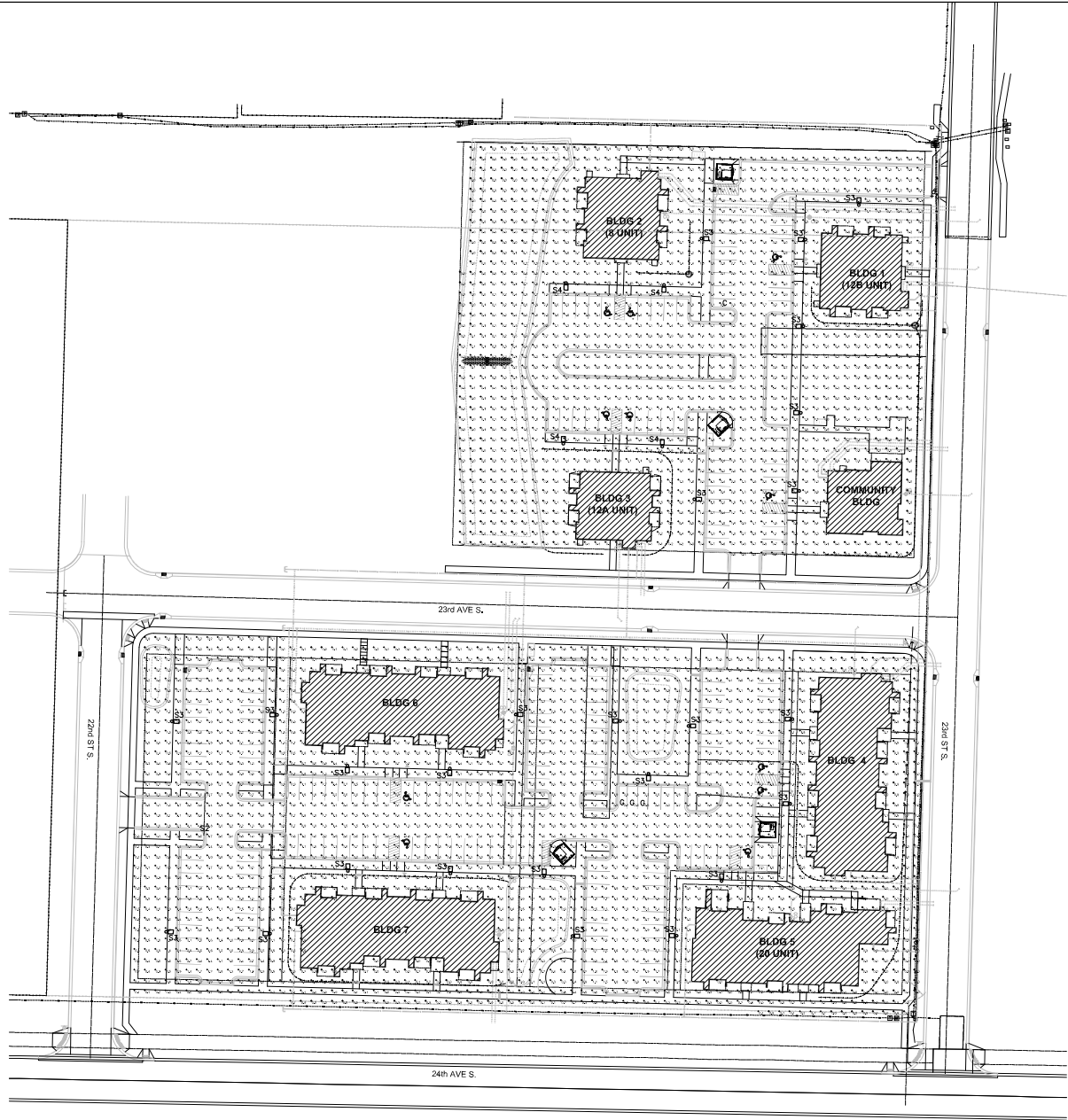
REVISION	
REV	DATE



DESIGNED BY: JJC
 QUALITY CHECK: JJC
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 FIELD BOOK

ROCKCRESS COMMONS
 GREAT FALLS, MT
 PLANTING PLAN

COORDINATION NOTE:
 IT IS ABSOLUTELY NECESSARY FOR ALL TRADES INCLUDING EQUIPMENT SUPPLIERS TO COORDINATE WITH EACH OTHER AND TO VERIFY THAT THERE ARE NO CONFLICTS IN LOCATIONS OF DUCTS, CONDUITS, SPRINKLER HEADS, SPRINKLER PIPING, OFFICERS, ELECTRICAL BOXES AND OTHER ITEMS THROUGHOUT THIS PROJECT BEFORE FINAL PLACEMENT OF MATERIALS.



LIGHTING CALCULATIONS

NORTH SITE:	AVERAGE 0.9 FC
	MAXIMUM 4.3 FC
	MINIMUM 0.0 FC
SOUTH SITE:	AVERAGE 1.1 FC
	MAXIMUM 4.9 FC
	MINIMUM 0.0 FC

1 PHOTOMETRIC SUMMARY
 EST.2 NO SCALE



ROCKCROSS COMMONS
 24TH AVENUE SOUTH
 GREAT FALLS, MT
PHOTOMETRIC CALCULATIONS



CDSI PROJECT # 1732	
DESIGNED BY:	TTW
APPROVED:	SITE
DATE: FEBRUARY 2, 2016	REVISED:
SHEET NUMBER:	ES1.2

ELECTRICAL SITE PLAN
 SCALE: 1"=40'