



Item: University of Providence Great Falls University Center – 1301 20th St. S

Applicant: University of Providence Great Falls, 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 University of Providence Great Falls University Center, located at 1301 20th St. South, 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 student center building (identified as the University Center) on the University of Providence Great Falls property. The project site is located within the 4.3 acre campus, on the west side where the 20th Street South parking lot currently sits. The proposal includes the construction of a new 36,000 square foot building. One of the goals of the project is to have the University Center connect the campus to the surrounding community. This will be accomplished by the construction of an open air plaza (identified as the Gateway Plaza) which will also lead to an art gallery and a Welcome Center area. The second level of proposed building will feature a sky bridge connecting the north part of the building to the south. The main architectural features are restrained, geometric, and pedestrian scaled, while paying tribute to the historic International Style architecture already established on campus. The subject property is zoned PLI, Public Lands and Institutional, so there is no issue with the proposed use of the building.

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

New Construction

The proposal is in compliance with all requirements of Exhibit 28-1, with one exception. **Standard #11, Orientation of Primary Entry**, has been deviated from by not having any entries

facing the public street – 20th Street South. Rather, all entries either face the interior of the open air plaza underneath the sky bridge or are oriented to the interior of the campus. City staff believes that providing a sidewalk to the open air plaza where the entries are located serves the spirit of the standard by clearly identifying and highlighting the entry from the street. The proposed building has a contemporary architectural design while still reflecting the existing architectural style on campus. The exterior materials will consist of brick, metal panels, and glass. A color and material palette can be found in the attached development drawings. Any mechanical equipment on site will be housed on the roof of the building. A mechanical yard on the south side of the building will be properly screened.

Conformance with Title 17 - Land Development Code

The proposed project is in conformance 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

Because the new building and proposed site improvements are being proposed for an existing parking lot area, no new curb cuts on 20th Street South are proposed. However, 127 existing parking spots from the larger parking area will be removed in order to construct the new building. The proposal calls for 129 total parking spaces for the project with five (5) being accessible. The total number of parking spaces for the entire campus comes to 819, while there are 600 parking passes distributed for faculty, staff, and students. While parking is being reduced with this project, staff supports the reduction in favor of increased building density on campus. Because the campus' parking count still exceeds the faculty, staff, and student permit count, there are still opportunities for visitor parking without creating challenges for the adjoining residential areas of the city.

In addition to the smaller, reconfigured parking area, the Gateway Plaza is proposed to extend from the right of way sidewalk on 20th Street South east toward the interior of the campus. A promenade, about forty (40) feet wide at the plaza, then dissects the new building, allowing for the sky bridge overhead. Additionally, the applicant proposes to construct seven (7) foot wide interior sidewalks to aid pedestrian circulation around the building.

Stormwater Management

A stormwater management plan is required to be reviewed by the City's Public Works Department. The applicant is proposing low impact development features including new bioswales.

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 downcast fixtures to prevent light pollution and meets all averages as set forth in the OCCGF.

Landscaping

The City's landscape code requires a minimum of fifteen percent of the gross property area to be designated as interior landscaping. The interior landscaping is to be inclusive of landscaping in vehicular use areas and foundation planting areas. The request requires 16,522 square feet of interior landscaping to be provided, and the proposal is in compliance with this standard. The OCCGF further requires one (1) tree and seven (7) shrubs planted and maintained per four hundred (400) square feet, or fraction thereof, of required interior landscaping. The landscape plan proposes 11 boulevard trees, 47 interior trees, 390 shrubs, and several perennial plantings. These counts exceed the requirements for compliance with the OCCGF. The landscape plan has been submitted to the City Forester and any recommendations will be incorporated into the landscape plan.

Signage

The applicant has not proposed any new signage in regards to this project.

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
Color and Material Sheets
Elevations
Development Plans


CC Dave Dobbs, City Engineering
Jim Young, 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

320 160 0 320 Feet



University of Providence, Great Falls – University Center

5/21/2018

DESIGN NARRATIVE

The University Center is a prominent feature in the development of the Campus Master Plan at the University of Providence, Great Falls (UPGF). As the new gateway to campus, it asserts the Catholic identity of UPGF, expanding its architectural language and leading the way for future development.

Applying fundamental concepts outlined by the master plan, the University Center connects the campus and the surrounding community. This is achieved through a new Gateway Plaza that reinforces the existing central east-west axis across campus, extending it further west out to 20th Street. Organized on either side of this open air plaza are Galerie Trinitas and the Welcome Center. These important program spaces promote the University's Catholic mission while enhancing the visibility of its arts and academic programs.

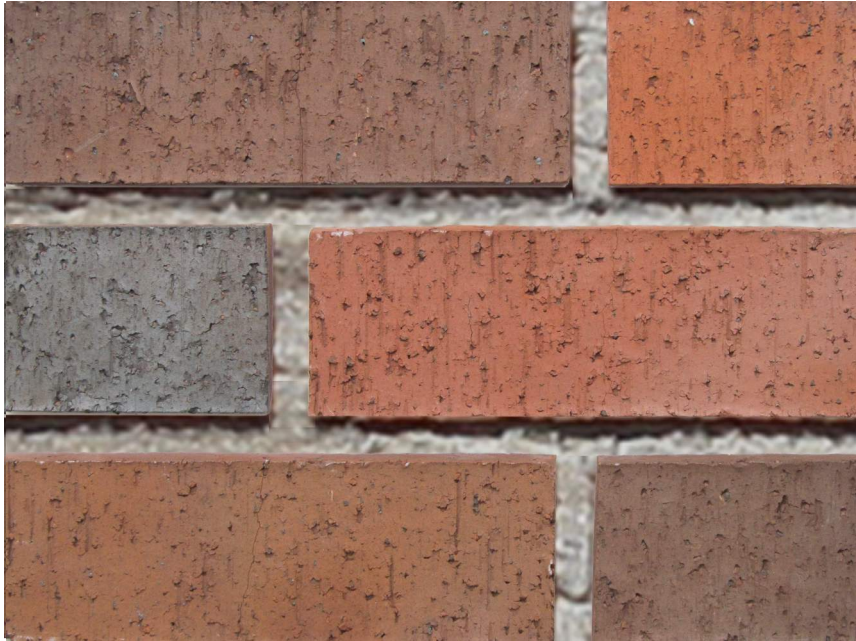
Meanwhile, the building's west façade announces the threshold to campus. Second level administrative and conferencing spaces connect overhead, accented by a free-spanning solar screen. This second level sky bridge echoes the established language of Sullivan Hall, located across the main quad at the opposite east end of campus. Visitors to west side of campus enter through this Gateway Plaza, passing under the University Center to experience a panoramic view of campus as they emerge.

In accordance with the strong International Style architectural precedent on campus, the massing of the University Center is restrained, geometric, and pedestrian scaled. A simple material palette of brick masonry and dark bronze anodized aluminum is complemented by rigorous application of texture, shadow, and massing. The design proposal pays tribute to this historic architectural style with clearly expressed features:

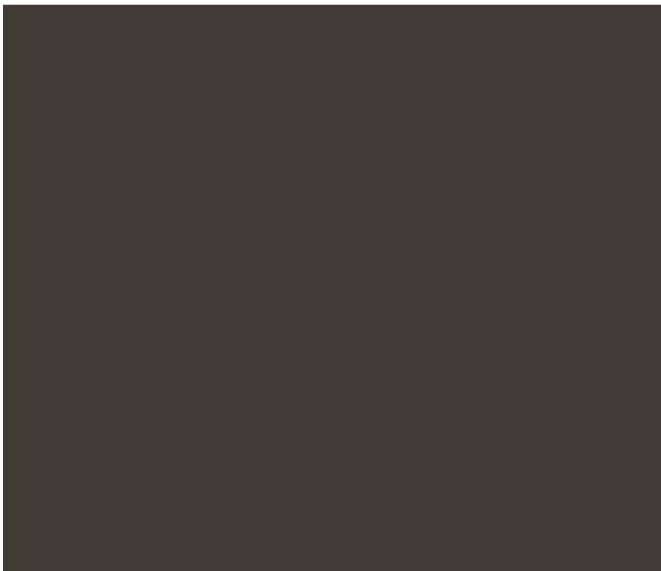
- Orthogonal geometric massing
- Carefully curated material palette
- Minimalist ornamentation
- Low flat roofs, and
- Expansive areas of transparency and opacity in the facades

By bringing together the old and the new, the University Center offers an accessible and welcoming experience for users. It features a variety of interior spaces that are open to light, emphasizing campus and community connections. It refines the historic campus language with a contemporary appeal, signaling the institution's readiness to welcome new students and visitors to the University of Providence, Great Falls.





BRICK TEXTURE
MUTUAL MATERIAL - MOUNTAIN BLEND

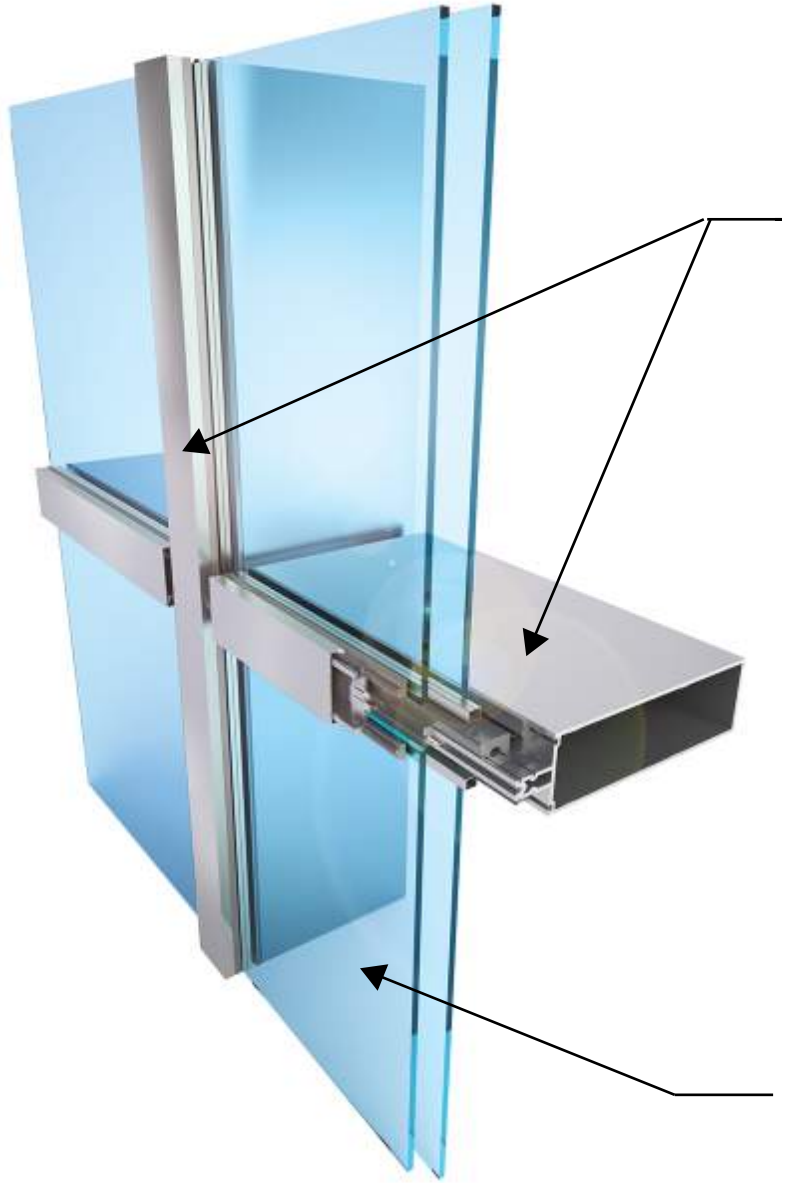


NEW MECH SCREENWALL
METAL SALES TL-17
- LIGHT BRONZE

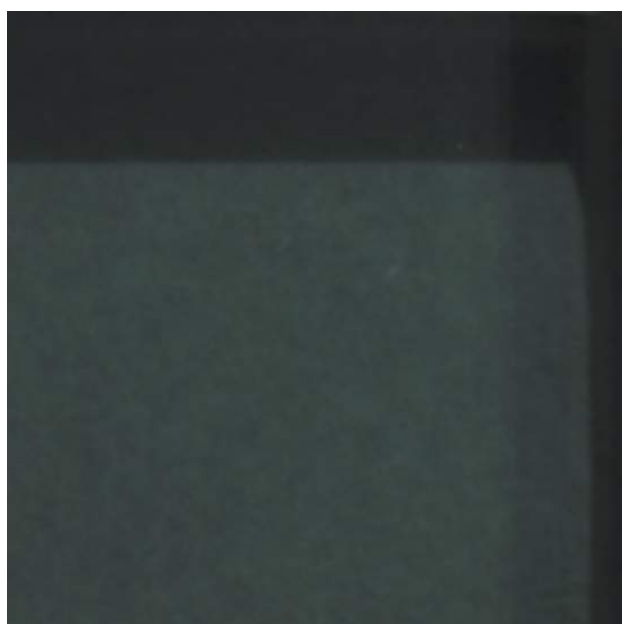


METAL PANEL
OLD CASTLE - BRONZE 740 - LIGHT RANGE

EXTERIOR MATERIAL PALETTE



NEW CURTAIN WALL SYSTEM COLOR
- BRONZE 740-LIGHT RANGE



NEW CURTAIN WALL GLAZING
CLEAR, TRIPLE SILVER (NEUTRAL)

NEW CURTAIN WALL SYSTEM
OLD CASTLE RELIANCE SERIES
(WITH VERTICAL CAPS ON
NORTH PORTION OF BUILDING)



4 WEST ELEVATION
Scale: 3/32" = 1'-0"



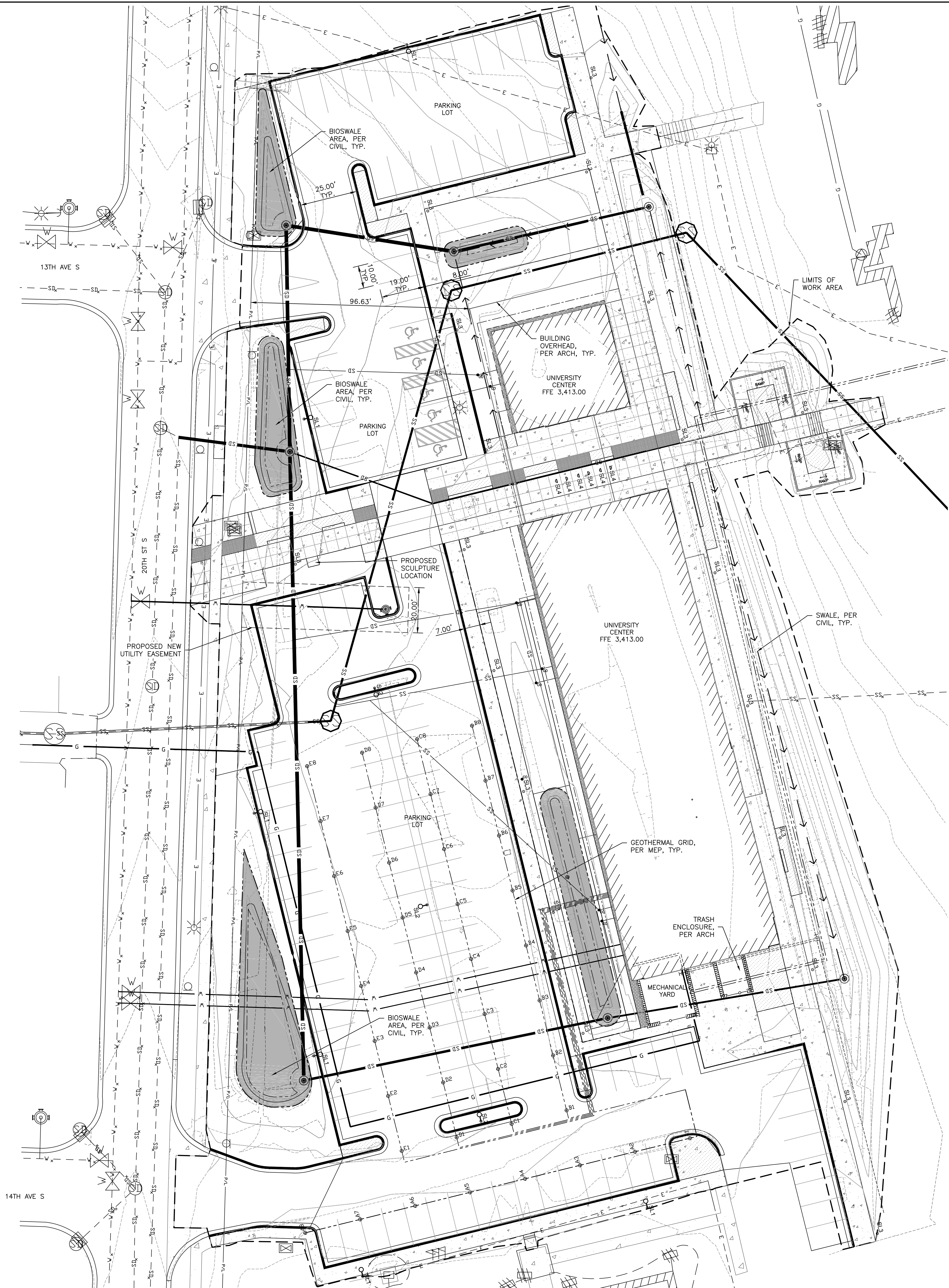
3 SOUTH ELEVATION
Scale: 3/32" = 1'-0"



2 NORTH ELEVATION
Scale: 3/32" = 1'-0"



1 EAST ELEVATION
Scale: 3/32" = 1'-0"

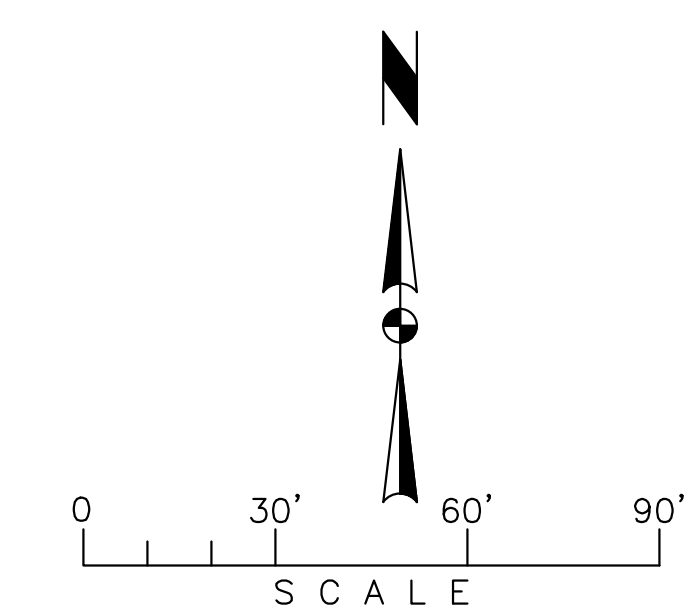


SITE DATA		
	REQUIRED	PROVIDED
PARKING	TBD-BASED ON OVERALL CAMPUS	129 SPACES
ZONING	PLI-PUBLIC LANDS AND INSTITUTIONAL	PLI-PUBLIC LANDS AND INSTITUTIONAL
FRONT YARD SETBACK	25	25
SIDEYARD SETBACK	10	10
REARYARD SETBACK	1/10TH LOT DEPTH, BUT NOT LESS THAN 1/10TH OF BUILDING HEIGHT	1/10TH LOT DEPTH, BUT NOT LESS THAN 1/10TH OF BUILDING HEIGHT
MAX BUILDING HEIGHT	100	38'-0"

NOTE:
1. EXISTING & PROPOSED CONTOURS SHOWN AT 5-FOOT MAJOR CONTOUR AND 1-FOOT MINOR CONTOUR.

LEGEND

NEW	EXISTING	DESCRIPTION
		AERIAL TARGET
		ALLEY APRON
		BARRIER POST
		BORING
		BUILDING
		BUSH OR SHRUB
		CABLE TV RISER
		CABLE TV - UNDERGROUND
		CENTERLINE MONUMENT
		CLEANOUT
		COMMUNICATIONS CONDUIT
		CONCRETE
		CONTOUR
		CONTROL POINT
		CURB BOX
		CURB & GUTTER
		CULVERT
		DELINEATOR POST
		DITCH
		EDGE OF ASPHALT
		EDGE OF GRAVEL
		ELECTRICAL BOX
		ELECTRICAL BOX FLUSH
		ELECTRICAL MANHOLE
		ELECTRICAL OUTLET
		ELECTRIC - OVERHEAD
		ELECTRIC - UNDERGROUND
		FENCE - CHAIN LINK
		FIBER-OPTIC - UNDERGROUND
		FIRE HYDRANT
		GAS
		GAS METER
		GAS VALVE
		GEOTHERMAL CIRCULATION LINE (PAIR)
		GUY WIRE
		HAND RAIL
		INLET
		INLET & INLET APRON
		IRRIGATION VALVE
		LIGHT POLE
		MAILBOX
		PAINT STRIPE
		POWER POLE
		PROPERTY LINE
		PROPERTY LINE ABANDON
		PROPERTY PIN
		RETAINING WALL
		ROOF DRAIN
		SANITARY SEWER
		SANITARY SEWER MANHOLE
		SANITARY SEWER SERVICE
		SLOTTED POND DRAIN
		SPOT ELEVATIONS
		STORM DRAIN
		STORM DRAIN MANHOLE
		STORM DRAIN ROOF LEADER
		TRAFFIC SIGN
		TREE - CONIFEROUS
		TREE - DECIDUOUS
		TREE - SMALL
		TREE - STUMP
		TREE LINE
		WALL HYDRANT
		WALL LIGHT
		WATERLINE
		WATER MANHOLE
		WATER METER
		WATER SERVICE
		WATER VALVE



DESIGN REVIEW BOARD SUBMITTAL

UNIVERSITY OF PROVIDENCE GREAT FALLS
UNIVERSITY CENTER
1301 20TH STREET SOUTH, GREAT FALLS, MONTANA, 59405

TD&H
Engineering

ACE INC
ASSOCIATED - CONSTRUCTION - ENGINEERING

DCI+bce

WEBSITE: www.ds-engineers.com
CIVIL/STRUCTURAL

UNIVERSITY OF PROVIDENCE

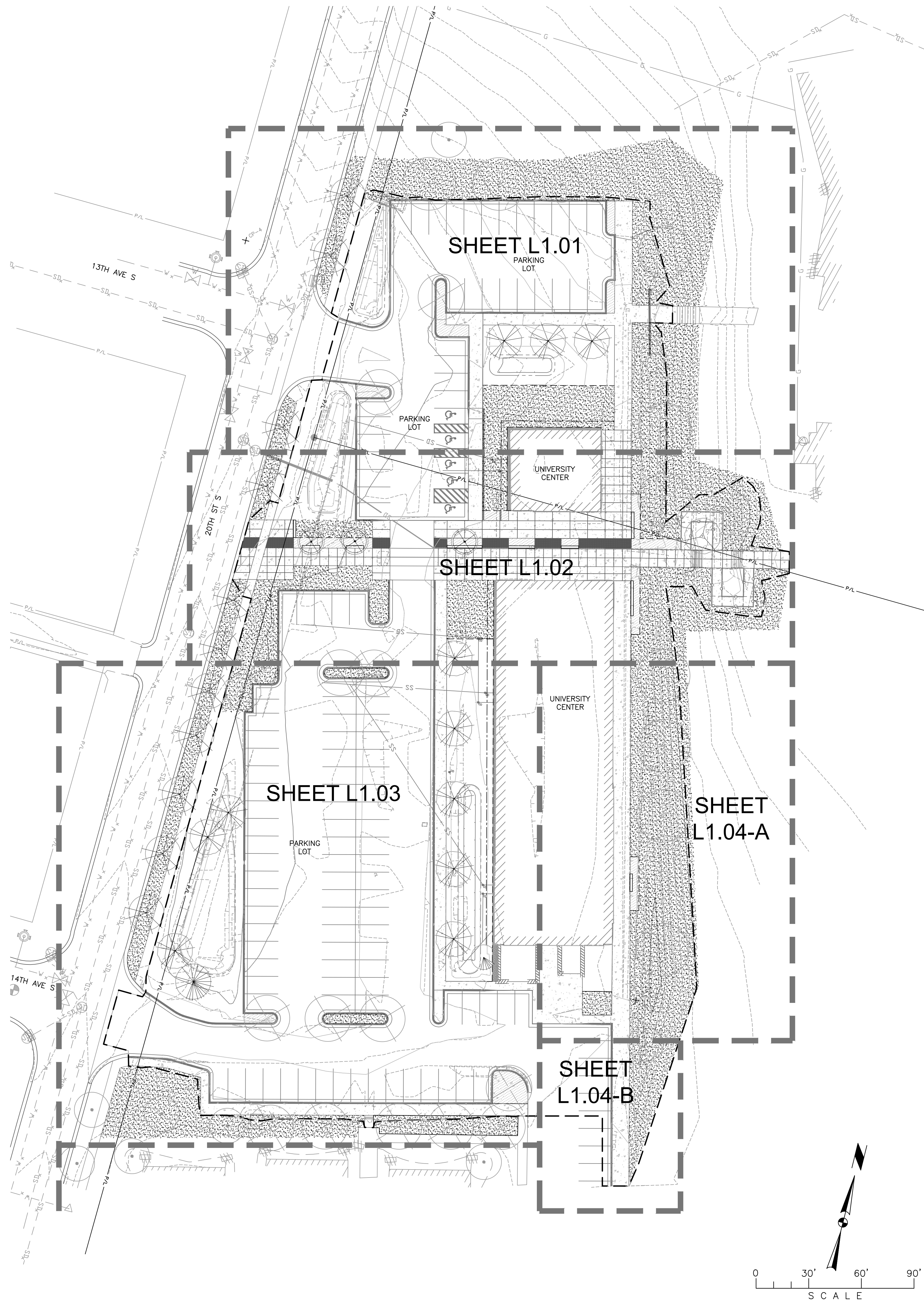
NAC
ARCHITECTURE
nacarchitecture.com

NAC NO: 121-17005
DRAWN: JCC
CHECKED: JCC
DATE: 5-21-2018

DRB SITE
PARKING & TOPO
PLAN

E1.00

J:\2017\11\06\105\University Center\2017\11\06\105\DRB\Site Plan.dwg, 5/27/2018 11:52:26 AM, Jcc



GENERAL NOTES

1. 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.
2. IN ORDER TO PREVENT DAMAGE TO BOTH VEGETATION AND PUBLIC UTILITY LINES, ALL TREES AND OTHER LARGE VEGETATION 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.
3. 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.
4. 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.
5. 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.
6. REFER TO ARCHITECTURAL, CIVIL AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. IF CONFLICTS EXIST CONTRACTOR SHALL BRING THESE TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE PRIOR TO COMMENCING WORK.

PLANTING NOTES

1. COORDINATE WITH ARCHITECTURE/ENGINEERING PLANS TO BECOME THOROUGHLY FAMILIAR WITH GRADING, SURFACE AND UNDERGROUND CONDITIONS AND UTILITIES.
2. 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.
3. CONTRACTOR IS RESPONSIBLE FOR TOPSOIL FILL AND LANDSCAPE GRADING. SEE CIVIL FOR ADDITIONAL SITE GRADING.
4. ONE CONTRACTOR SHALL BE RESPONSIBLE FOR THE COORDINATION OF BOTH THE PLANTING AND IRRIGATION INSTALLATION, UNLESS OTHERWISE APPROVED BY OWNER'S REPRESENTATIVE.
5. COORDINATE WITH OTHER CONTRACTORS, AS NECESSARY, REGARDING LOCATION AND TIMING OF INSTALLATION OF PLANT MATERIALS.
6. 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 DICTATE.
7. 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.
8. 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.
9. PROVIDE A 3'-0" DIA. BED AROUND ALL TREES LOCATED IN LAWNS. MULCH WITH CLEAN BARK MULCH. NO EDGING OR WEED BARRIER REQUIRED. SEE DETAILS.
10. ALL SHRUB BEDS TO BE MULCHED WITH 1.5" WASHED RIVER ROCK MULCH AS SHOWN ON PLANS AND PER DETAILS. 3" MINIMUM DEPTH.
11. COORDINATE THE PLANTING WITH IRRIGATION SYSTEM. THE OWNER IS NOT RESPONSIBLE FOR DAMAGE CAUSED BY OTHER TRADES WHILE COMPLETING THIS WORK.
12. 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.
13. 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.
14. 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.
15. DURING THE COURSE OF THIS WORK, REMOVE EXCESS WASTE MATERIAL DAILY FROM THE SITE AND UPON COMPLETION OF ALL WORK.
16. TO THE MAXIMUM EXTENT FEASIBLE, TOPSOIL THAT IS REMOVED DURING CONSTRUCTION ACTIVITIES SHALL BE CONSERVED FOR LATER USE.
17. 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 AGED MANURE SHALL BE THOROUGHLY INCORPORATED.
18. 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.
19. 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.
20. 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.

SHEET INDEX

- L1.00 LANDSCAPE NOTES & SCHEDULE
 - L1.01 LANDSCAPE PLAN
 - L1.02 LANDSCAPE PLAN
 - L1.03 LANDSCAPE PLAN
 - L1.04 LANDSCAPE PLAN BLOW-UP
 - L1.05 LANDSCAPE DETAILS
- (IRRIGATION SHEETS NOT PART OF DRB SUBMITTAL)
- L2.00 IRRIGATION NOTES & SCHEDULE
 - L2.01 IRRIGATION PLAN
 - L2.02 IRRIGATION PLAN
 - L2.03 IRRIGATION PLAN
 - L2.04 IRRIGATION DETAILS

MASTER PLANT SCHEDULE

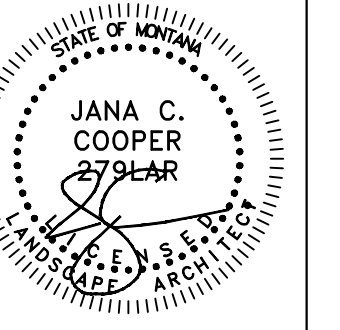
SYM	QTY	BOTANICAL NAME	COMMON NAME	INSTALL SIZE	ROOT	NOTES	MATURE HEIGHT	MATURE WIDTH
DECIDUOUS TREES								
---	7	EXISTING DECIDUOUS	---	---	---	PROTECT	---	---
AT	11	ACER TATARICUM 'GAR ANN'	HOT WINGS TATARIAN MAPLE	1.5" CAL	B & B		15-20'	15-20'
GT	2	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)	1.5" CAL	B & B		40-50'	30-35'
MA	1	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE	1.5" CAL	B & B	ORNAMENTAL	25-30'	15'
PT	11	POPULUS TREMULOIDES	QUAKING ASPEN	1.5" CAL	B & B		60'	20-30'
PR	3	PRUNUS NIGRA 'PRINCESS KAY'	PRINCESS KAY PLUM	1.5" CAL	B & B	ORNAMENTAL	15'	8-10'
TC	13	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN	1.5" CAL	B & B		45-50'	30-35'
UC	7	ULMUS 'CATHEDRAL'	CATHEDRAL ELM	1.5" CAL	B & B	UPRIGHT BRANCH HABIT	50-60'	40-50'
CONIFEROUS TREES								
---	1	EXISTING CONIFEROUS	---	---	---	PROTECT	---	---
PP	1	PICEA PUNGENS	BLUE SPRUCE	5-6' HT.	B & B		30-60'	10-20'
PI	1	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE	5-6' HT.	B & B		10-15'	7-10'
DECIDUOUS SHRUBS								
SJ	3	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA	1 GAL.	CONTAINER	PINK FLOWER	2'	2'
SC	26	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA	1 GAL.	CONTAINER	WHITE FLOWER	4-5'	4-5'
CONIFEROUS SHRUBS								
PM	12	PINUS MUGO 'PUMILLO'	DWARF MUGO PINE	2 GAL.	CONTAINER	DWARF	3-5'	3-6'
ORNAMENTAL GRASSES								
AG	62	ANDROPOGON GERARDII 'INDIAN WARRIOR'	INDIAN WARRIOR BLUESTEM	1 GAL.	CONTAINER		60"	24"
KF	51	CALAMAGROSTIS ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	1 GAL.	CONTAINER		4-6'	3-4'
SH	70	SPOROBOLLUS HETEROLEPIS	PRAIRIE DROPS EED GRASS	1 GAL.	CONTAINER		2-3'	2-3'
PERENNIALS								
HE	21	HELIENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM	1 GAL.	CONTAINER	ORANGE FLOWER	30"	36"
NF	67	NEPETA RACEMOSA 'WALKERS LOW'	CATMINT	1 GAL.	CONTAINER	PURPLE BLUE	12-18"	18-24"
PE	29	PENTESMON 'RED ROCKS'	RED ROCKS PENTESMON	1 GAL.	CONTAINER	PINK FLOWERS	12-18"	12-18"
PA	24	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE	1 GAL.	CONTAINER	PURPLE FLOWER	36-42"	36"
RF	26	RUBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUBECKIA	1 GAL.	CONTAINER	YELLOW FLOWER	24-30"	12-24"

SEEDING SCHEDULE

TALLGRASS MIX, MOUNTAIN MEADOWS SEED (OR APPROVED EQUAL)	25% INDIANGRASS	SORGHASTRUM NUTANS
25% SWITCHGRASS	25% LITTLE BLUESTEM	25% BIG BLUESTEM
25% PANICUM VIRGATUM	25% SCHIZACHYRIUM SCOPARIUM	25% ANDROPOGON GERARDII
PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY TALLGRASS MIX SEED MIXTURE AT A RATE OF 12 LBS/ACRE, DRILL SEED.		
WETLAND POND MIX, BY TREASURE STATE SEED (OR APPROVED EQUAL)		
25% GARRISON FOXTAIL	25% CLIMAX TIMOTHY	15% REED CANARYGRASS
15% STREAKER REDTOP	10% ALSIKE CLOVER	10% TUFTED HAIRGRASS
PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY WETLAND SEED MIXTURE AT A RATE OF 12-14 LBS/ACRE, DRILL SEED.		
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 WHEATGRASS	5% CANADA BLUEGRASS
PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY DRYLAND 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.		

CODE REVIEW

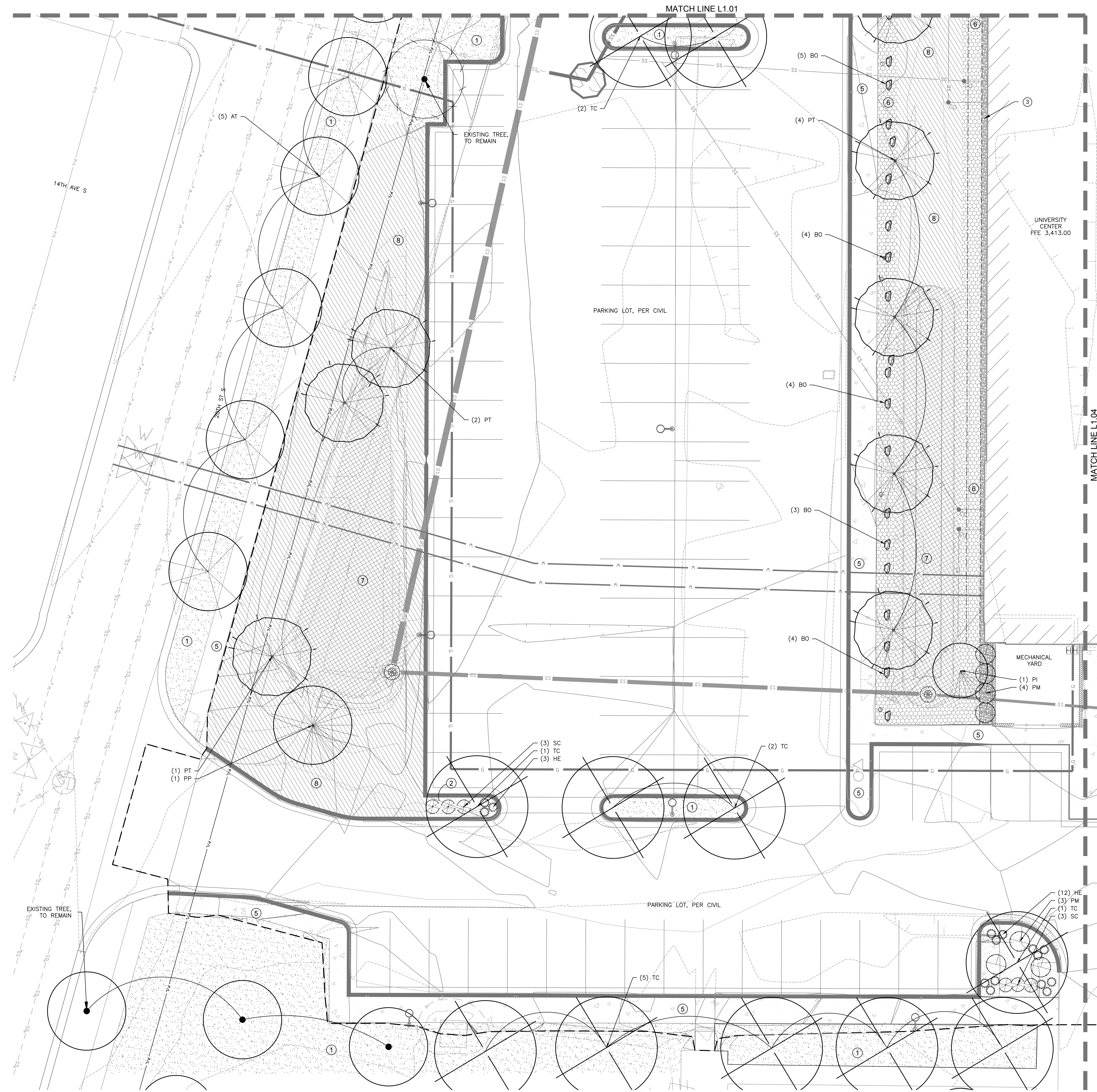
CODE REQUIREMENT	REQUIRED	PROVIDED
17.44.2.040 - LANDSCAPING FOR BOULEVARD AREAS	387/35=11 TREES	11 BLVD TREES
17.44.3.030	16,522 SQ. FT.	AT LEAST ±19,383
15% OF GROSS PROPERTY AREA	16,522 SQ. FT.	±5,591 SQ. FT. PROVIDED AROUND PARKING LOT
10% OF VEHICULAR USE AREA MUST BE LANDSCAPED	VEHICULAR USE AREA=52,907 X 10% = 5,290 SQ. FT.	39 TREES; PLUS 8 EXISTING TREES
1 TREE PER 400 SQ FEET OF INTERIOR LANDSCAPING	16,522 / 400 = 41 TREES	390 SHRUBS/PERENNIALS
7 SHRUBS PER 400 SQ FEET OF INTERIOR LANDSCAPING	16,522 / 400 (7) = 289 SHRUBS	390 SHRUBS/PERENNIALS
50% OF THE FRONTAGE OF THE BUILDING FACE SHALL BE OCCUPIED BY FOUNDATION PLANTING AND 20% OF THE FRONTAGE OF THE SIDE OF THE BUILDING	---	PROVIDED, SEE PLANS



WEBSITE: www.ds-engineers.com
CIVIL/STRUCTURAL

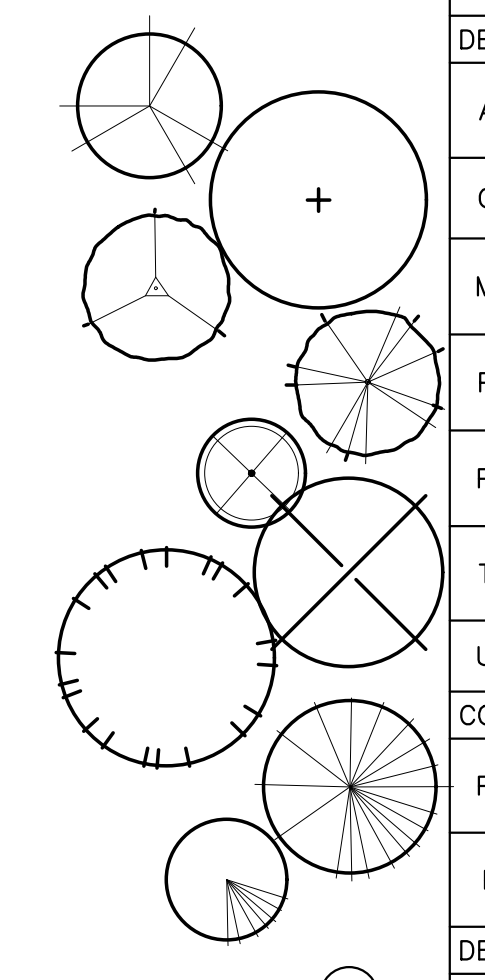


NAC NO 121-17005
DRAWN JCC
CHECKED JCC
DATE 5-21-2018



PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDITSIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
PT	POPULUS TREMULOIDES	QUAKING ASPEN
PR	PRUNUS NIGRA 'PRINCESS KAY'	PRINCESS KAY PLUM
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UC	ULMUS 'CATHEDRAL'	CATHEDRAL ELM
CONIFEROUS TREES		
PP	PICEA PUNGENS	BLUE SPRUCE
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
SJ	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
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
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED GRASS
PERENNIALS		
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
NF	NEPETA RACEMOSA 'WALKERS LOW'	CATMINT
PV	PENTESTMON 'RED ROCKS'	RED ROCKS PENTESTMON
PA	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE
RF	RUDBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUDBECKIA



NOTE:
 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 CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

SEEDING SCHEDULE

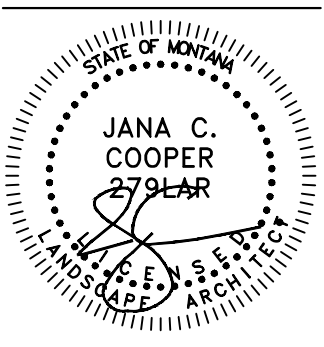
(6) TALLGRASS MIX, MOUNTAIN MEADOWS SEED (OR APPROVED EQUAL)		
25%	INDIANGRASS	SORGHASTRUM NUTANS
25%	SWITCHGRASS	PANICUM VIRGATUM
25%	LITTLE BLUESTEM	SCHIZACHYRIUM SCOPARIUM
25%	BIG BLUESTEM	ANDROPOGON GERARDII
PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY TALLGRASS MIX SEED MIXTURE AT A RATE OF 12 LBS/ACRE, DRILL SEED.		
(7) WETLAND POND MIX, BY TREASURE STATE SEED (OR APPROVED EQUAL)		
25%	GARRISON FOXTAIL	
25%	CLIMAX TIMOTHY	
15%	REED CANARYGRASS	
15%	STREAKER REDTOP	
10%	ALSIKE CLOVER	
10%	TUFTED HAIRGRASS	
PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY WETLAND SEED MIXTURE AT A RATE OF 12-14 LBS/ACRE, DRILL SEED.		
(8) 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 WHEATGRASS	
5%	CANADA BLUEGRASS	
PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY DRYLAND 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.		

LEGEND

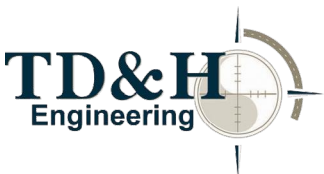
(1)	SOD	(5)	PAVING TYPE 2 - CONCRETE, PER CIVIL
(2)	PLANTING BED, 3" DEPTH OF 1.5-INCH WASHED RIVER ROCK MULCH PER SPECS IN ALL PLANTING BEDS	---	SEATWALL - SEE 11/L1.05
(3)	MAINTENANCE STRIP, ROCK MULCH	---	LIMITS OF WORK
(4)	PAVING TYPE 1 - PAVER, SEE DETIL 13/L1.05	---	METAL EDGING - SEE 5/L1.05
		---	INFILTRATION BARRIER - SEE 9/L1.05
		---	DRAINAGE SWALE, PER CIVIL
		---	PROPERTY LINE

NOTE: SEE ARCH AND CIVIL FOR ADDITIONAL LEGEND ITEMS.

DESIGN REVIEW BOARD SUBMITTAL



UNIVERSITY OF PROVIDENCE GREAT FALLS
UNIVERSITY CENTER
 1301 20TH STREET SOUTH, GREAT FALLS, MONTANA, 59405



WEBSITE: www.ds-engineers.com
 CIVIL/STRUCTURAL

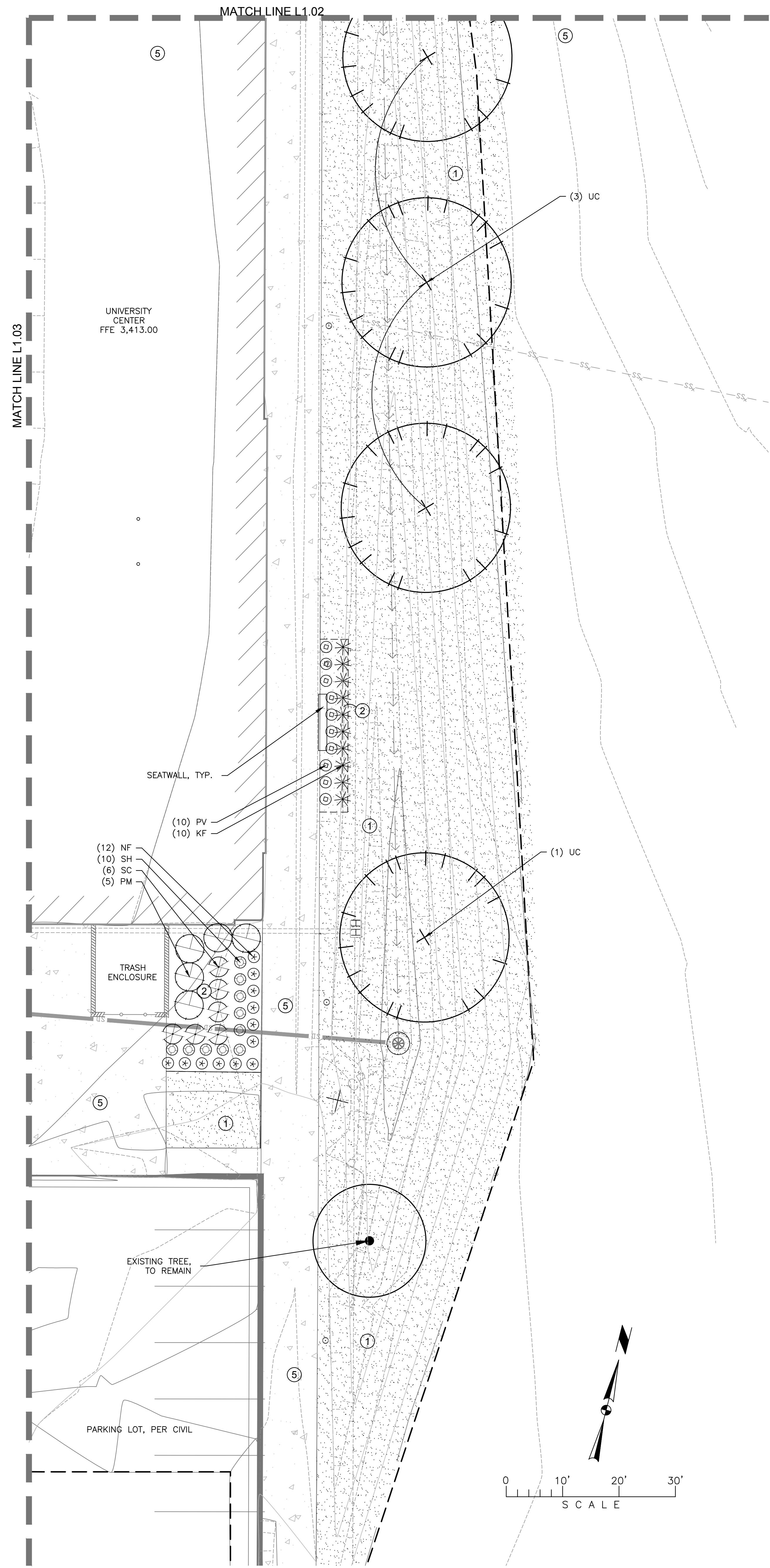


ARC NO 121-17005
 DRAWN JCC
 CHECKED JCC
 DATE 5-21-2018

LANDSCAPE PLAN

L1.02

K:\DTP\Projects\17-068-UGF-University Center\2017\CAD\DWG\LANDSCAPE\L1.dwg, 5/21/2018 10:52:42 AM, JCC



PLANT SCHEDULE

SYM	BOTANICAL NAME	COMMON NAME
DECIDUOUS TREES		
AT	ACER TATARICUM	TATARIAN MAPLE
GT	GLEDTISIA TRIACANTHOS 'SKYCOLE'	SKYLINE HONEYLOCUST (THORNLESS)
MA	MALUS 'SPRING SNOW'	SPRING SNOW CRABAPPLE
PT	POPULUS TREMULOIDES	QUAKING ASPEN
PR	PRUNUS NIGRA 'PRINCESS KAY'	PRINCESS KAY PLUM
TC	TILLIA CORDATA 'GREENSPIRE'	GREENSPIRE LINDEN
UC	ULMUS 'CATHEDRAL'	CATHEDRAL ELM
CONIFEROUS TREES		
PP	PICEA PUNGENS	BLUE SPRUCE
PI	PICEA PUNGENS 'FAT ALBERT'	FAT ALBERT BLUE SPRUCE
DECIDUOUS SHRUBS		
SJ	SPIRAEA JAPONICA 'MAGIC CARPET'	MAGIC CARPET SPIREA
SC	SPIRAEA X CINEREA 'GREFSHEIM'	GREFSHEIM SPIREA
CONIFEROUS SHRUBS		
JH	JUNIPERUS HORIZONTALIS 'BLUE CHIP'	BLUE CHIP JUNIPER
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
SH	SPOROBOLUS HETEROLEPIS	PRAIRIE DROPSEED GRASS
PERENNIALS		
HE	HELENIUM 'MARDI GRAS'	MARDI GRAS HELENIUM
NF	NEPETA RACEMOSA 'WALKERS LOW'	CATMINT
PV	PENTEMON 'RED ROCKS'	RED ROCKS PENTEMON
PA	PEROVSKIA ATRIPLICIFOLIA	RUSSIAN SAGE
RF	RUDBECKIA FULGIDA 'GOLDSTRUM'	BLACK EYED SUSAN RUBECKIA

NOTE:
 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 CIVIL & ARCHITECTURAL PLANS FOR ADDITIONAL LEGEND ITEMS.

LEGEND

- ① SOD
- ② PLANTING BED, 3" DEPTH OF 1.5-INCH WASHED RIVER ROCK MULCH PER SPECS IN ALL PLANTING BEDS
- ③ MAINTENANCE STRIP, ROCK MULCH
- ④ PAVING TYPE 1 - PAVER, SEE DETIL 13/L1.05
- ⑤ PAVING TYPE 2 - CONCRETE, PER CIVIL
- SEATWALL - SEE 11/L1.05
- LIMITS OF WORK
- METAL EDGING - SEE 5/L1.05
- INFILTRATION BARRIER - SEE 9/L1.05
- DRAINAGE SWALE, PER CIVIL
- PROPERTY LINE

SEEDING SCHEDULE

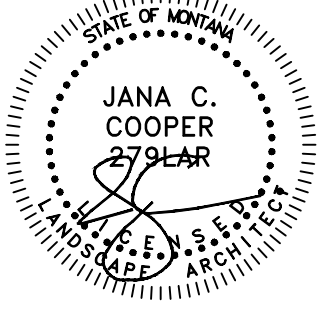
⑥	TALLGRASS MIX, MOUNTAIN MEADOWS SEED (OR APPROVED EQUAL)	25% INDIANGRASS 25% SWITCHGRASS 25% LITTLE BLUESTEM 25% BIG BLUESTEM	SORGHASTRUM NUTANS PANICUM VIRGATUM SCHIZACHYRIUM SCOPARIUM ANDROPOGON GERARDII
⑦	WETLAND POND MIX, BY TREASURE STATE SEED (OR APPROVED EQUAL)	25% GARRISON FOXTAIL 25% CLIMAX TIMOTHY 15% REED CANARYGRASS 15% STREAKER REDTOP 10% ALSIKE CLOVER 10% TUFTED HAIRGRASS	
⑧	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 WHEATGRASS 5% CANADA BLUEGRASS	

PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY TALLGRASS MIX SEED MIXTURE AT A RATE OF 12 LBS/ACRE, DRILL SEED.

PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY WETLAND SEED MIXTURE AT A RATE OF 12-14 LBS/ACRE, DRILL SEED.

PROVIDE FRESH, CLEAN, AND DRY NEW SEED WITH NOT LESS THAN 80% GERMINATION, NOT LESS THAN 95% PURE SEED, AND NOT MORE THAN 0.5% WEED SEED. APPLY DRYLAND 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.

DESIGN REVIEW BOARD SUBMITTAL



UNIVERSITY OF PROVIDENCE GREAT FALLS
UNIVERSITY CENTER
 1301 20TH STREET SOUTH, GREAT FALLS, MONTANA, 59405



WEBSITE: www.ds-engineers.com
 CIVIL/STRUCTURAL



ANC NO 121-17005
 DRAWN JCC
 CHECKED JCC
 DATE 5-21-2018

LANDSCAPE PLAN

