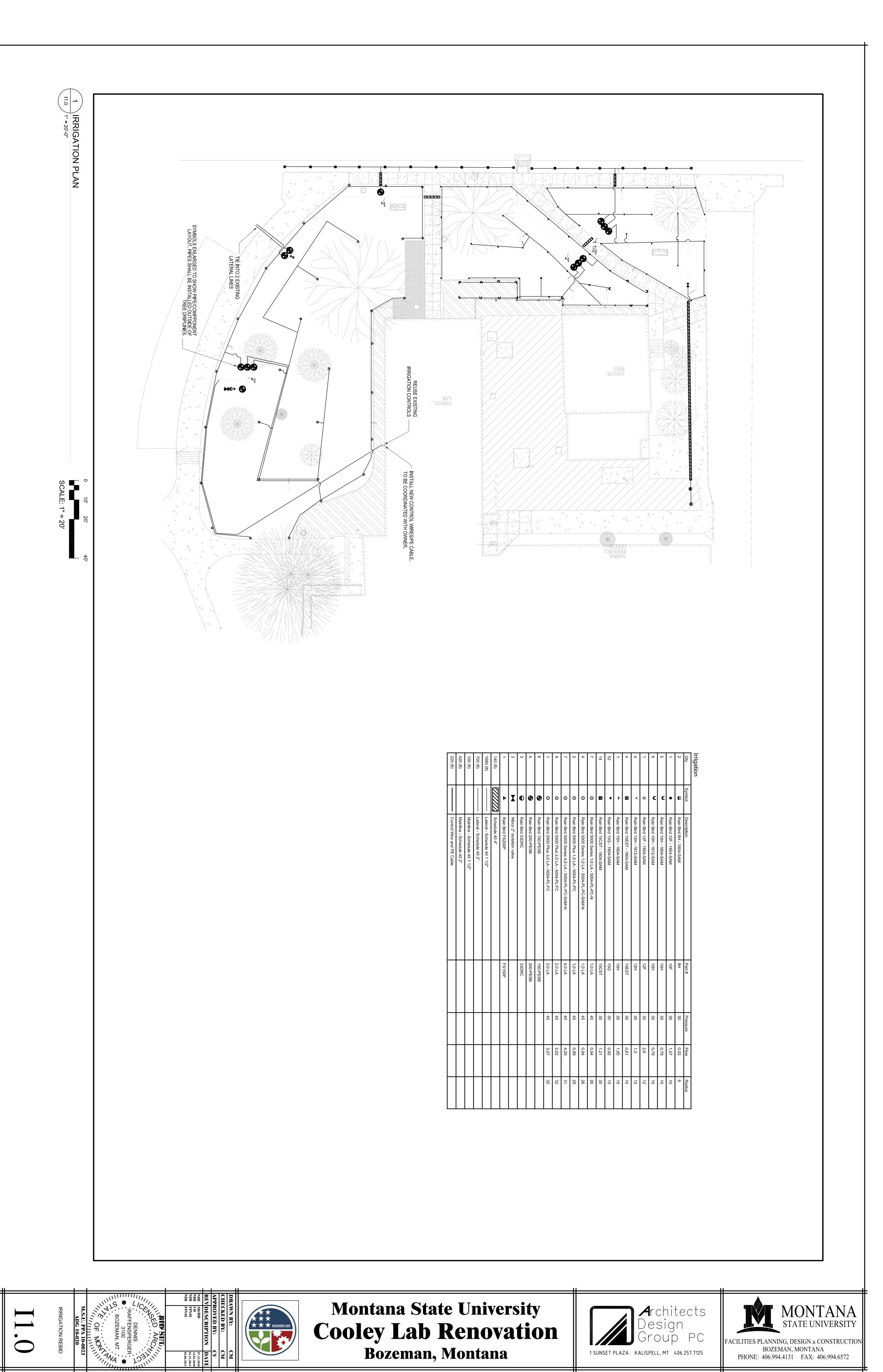


## FACILITIES PLANNING, DESIGN & CONSTRUCTION

Sixth Avenue and Grant Street • P.O. Box 172760 • Bozeman, Montana 59717-2760 Phone: (406) 994-5413 • Fax: (406) 994-5665

	REQ	UEST FOR PRO	OPOSAL	
Project Ti Location:	tle: Cooley Laboratory Renovation Montana State University		PPA No.: RFP No.: Date:	10-0023 38 03/28/12
То:	Dick Anderson Construction 4498 Jackrabbit Lane Bozeman, MT 59718		Attention:	<u>Platisha</u>
From:	Cecilia Vaniman, Project Mana Cooley Lab Renovation Montana State University	ager	Attention:	
	e the Work and avoid or minimize is requested. Please return a res			ent: <u>03/28/2012</u>
Proposal Requested	-	poinse by	bute Receiv	<u></u>
Reference Sp	<u>ecifications:</u> 02810 Ir 02900 L	rigation System andscape Work		
		awns & Grasses		
Provide pricing	g for the following:			
<ul><li>Figures</li></ul>	d Drawings L1, I1.0, C1 s 1,2 & 3 - Attached g L1.1 - Contract Draw		d	
	ricing purposes only. The cont e owner in writing.	ractor shall not proceed	with the scope of work describ	ped within until pricing
	Agency	<ul><li>☒ Arctifiect</li><li>☒ Contractor</li></ul>	Other	



- DEMOLITION NOTES:

  1. VERIFY LOCATION AND MARK ALL UTILITIES PRIOR TO DEMOLITION ACTIVITIES. ANY DAMAGE TO EXISTING SITE AMENITIES OR UTILITIES ON SITE OR ADJACENT PROPERTY SHALL BE CONTRACTOR'S RESPONSIBILITY FOR REMEDIATION.
- 2. KEEP SITE CLEAN OF DEBRIS AND MUD DURING DEMOLITION ACTIVITIES. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO REMOVE DEMOLITION DEBRIS FROM THE SITE AND PROPERLY DISPOSE OF IT.
- 3. COORDINATE ALL CONSTRUCTION ACTIVITIES WITH OTHER TRADES. ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND REPLANTED, AS ILLUSTRATED. A DISTURBED AREA SHALL BE WHERE CONSTRUCTION ACTIVITIES INCLUDING, TRENCHING, DEMOLITION, EARTHWORK, MATERIAL STORAGE, STAGING AND PARKING OR ANY OTHER

FORM OF EXCAVATION, COMPACTION, OR TRAFFIC RESULTS IN THE REMOVAL OR DISPLACEMENT OF

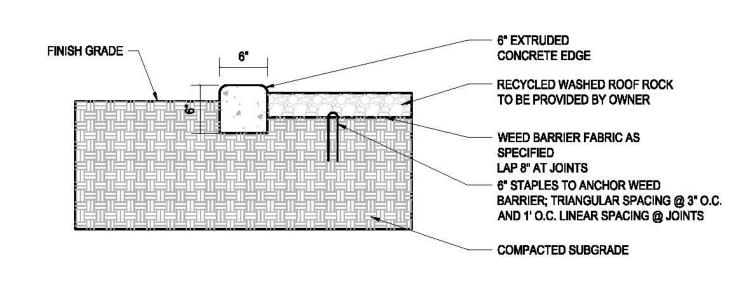
EXISTING CONDITIONS. 5. REMOVE ALL EXISTING SOD. DELIVER TO FACILITIES SERVICES LANDSCAPE AND GROUNDS COMPOSTING SITE, SOUTH OF BOBCAT STADIUM.

- NOTES:

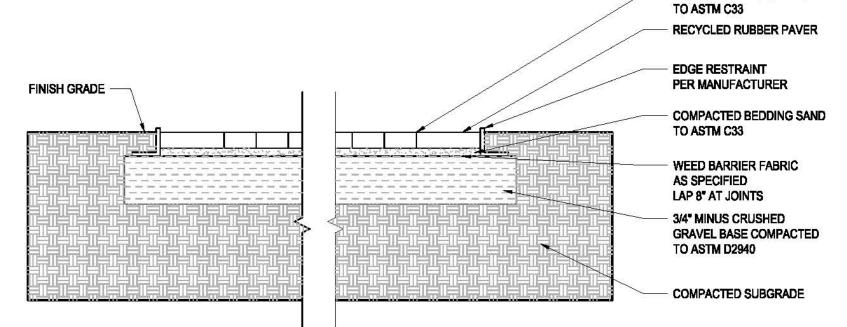
  1. CONTRACTOR TO VERIFY LOCATION OF ALL UTILITIES PRIOR TO INSTALLATION, EXCAVATION, OR PLANTING OPERATIONS. ANY DAMAGE TO EXISTING UTILITIES ON SITE OR ADJACENT PROPERTY SHALL BE CONTRACTOR'S RESPONSIBILITY FOR REMEDIATION.
- 2. ALL AREAS AT PLANTING BEDS AND THOSE THAT RECEIVE SOD SHALL HAVE EARTH SCARIFIED TO DEPTH OF 4" EXCEPT AT LOCATION OF UNDERGROUND UTILITIES OR UNDER DRIP LINE OF TREES.
- 3. ADD 6" OF COMPOST TO SITE TO RECEIVE SOD OR PLANTS. TILL INTO THE SCARIFIED SOIL.
- 4. CONTRACTOR TO EVALUATE EXISTING SITE CONDITIONS AND REMEDY AS SPECIFIED TO PROVIDE FOR HEALTHY PLANT GROWTH AND MITIGATE UNSIGHTLY CONDITIONS.
- CONTRACTOR TO COORDINATE ALL CONSTRUCTION ACTIVITIES WITH OTHER TRADES.
- ALL AREAS DISTURBED BY CONSTRUCTION ACTIVITIES SHALL BE REPAIRED AND REPLANTED, AS ILLUSTRATED. A DISTURBED AREA SHALL BE WHERE CONSTRUCTION ACTIVITIES INCLUDING, TRENCHING, DEMOLITION, EARTHWORK, MATERIAL STORAGE, STAGING AND PARKING OR ANY OTHER FORM OF EXCAVATION, COMPACTION, OR TRAFFIC RESULTS IN THE REMOVAL OR DISPLACEMENT OF EXISTING CONDITIONS.
- ALL PLANT MATERIAL SHALL BE INSTALLED AS SPECIFIED.
- 8. BENCH/BIKE PAD TO BE CONSTRUCTED OF VAST PAVERS, 4"X8" COMPOSITE LANDSCAPE PAVER, HOLLAND STYLE, EQUAL MIX OF "REDWOOD" AND "VILLAGE" COLORS, WITH ASSOCIATED GRID SYSTEM. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. ADJUST SIZE OF PAD SLIGHTLY TO ALLOW FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS, AND TO PREVENT CUTTING OF PAVERS. WWW.VASTPAVERS.COM.
- 9. CONTRACTOR SHALL VERIFY ALL PLANT QUANTITIES. THE ILLUSTRATED LOCATION SHALL DICTATE
- DURING INSTALLATION OF PLANT MATERIAL AND IRRIGATION, CONTRACTOR SHALL KEEP ALL WORK AREAS AND WALKING AND DRIVEWAY SURFACES CLEAN OF DEBRIS. PROTECT ALL PLANT AND IRRIGATION MATERIALS FROM DAMAGE DUE TO LANDSCAPE OPERATIONS OR ACTIVITIES BY OTHER CONTRACTORS AND TRADES. MAINTAIN PROTECTION DURING INSTALLATION AND MAINTENANCE PERIODS. TREAT, REPAIR OR REPLACE ANY DAMAGED PLANTINGS, MATERIALS OR IRRIGATION EQUIPMENT IMMEDIATELY.
- 11. IN THE EVENT OF ANY DISCREPANCIES, NOTIFY THE LANDSCAPE ARCHITECT/ARCHITECT IMMEDIATELY.
- 12. NO SUBSTITUTIONS WILL BE PERMITTED WITHOUT WRITTEN CONSENT FROM THE LANDCAPE
- ARCHITECT/ARCHITECT. 13. ALL PLANTING BEDS SHALL BE MULCHED AS INDICATED ON THE DRAWINGS.
- 14. EDGING, WHERE INDICATED ON PLAN, SHALL BE EXTRUDED CONCRETE, GRAY IN COLOR WHEN CURED, NO PATTERN.
- 15. ALL MINERAL MULCH AND/OR PLANTING BEDS SHALL HAVE A WEED BARRIER INSTALLED BETWEEN THE SOIL LAYER AND THE MINERAL MULCH LAYER AS SPECIFIED.
- 16. COORDINATE IRRIGATION SLEEVING WITH MSU.
- 17. ALL SHRUB AND PERENNIAL BEDS TO BE MULCHED WITH CLEAN, 2-1/2 TO 3" RIVER ROCK. MATERIAL TO BE PROVIDED BY OWNER.
- 18. REFERENCE CIVIL SHEETS FOR GRADING, UTILITIES AND OTHER PERTINENT INFORMATION.
- 19. TREE PROTECTION FENCING SHALL BE INSTALLED AT THE DRIP LINE OF TREES. NO SITE DEMO OR SCARIFICATION SHALL TAKE PLACE WITHIN THESE PROTECTED ZONES.

## PLANT SCHEDULE

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	COND	MATURE HEIGHT	MATURE SPREAD	COMMENTS
EVERG	REEN SHF	RUBS						
2	PM	PINUS MUGO PUMILIO	DWARF MUGO PINE	5 GAL	CONT	6-10'	6-8'	
8	PA	PICEA ABIES ' NIDIFORMIS'	BIRD'S NEST SPRUCE	5 GAL	CONT	3-4'	4-6'	
DECID	JOUS SHR	UBS		×	->-		,×	460
6	EA	EUONYMUS ALATUS 'COMPACTUS'	DWARF BURNING BUSH	5 GAL	CONT	5-6'	6-8'	WELL BRANCHED
8	PF	POTENTILLA FRUTICOSA 'CORONATION TRIUMPH'	CORONATION TRIUMPH POTENTILLA	5 GAL	CONT	3-4'	3-4'	WELL BRANCHED
17	CA	CALAMAGROSTIS X ACUTIFLORA 'KARL FOERSTER'	FEATHER REED GRASS	1 GAL	CONT	3-4'	2'	CLUMP



2 EXTRUDED CONCRETE EDGING



NOTES:

1. BENCH/BIKE PAD TO BE CONSTRUCTED OF VAST PAVERS, 4"X8" COMPOSITE LANDSCAPE PAVER, HOLLAND STYLE, EQUAL MIX OF "REDWOOD" AND "VILLAGE" COLORS, WITH ASSOCIATED GRID SYSTEM. INSTALL PER MANUFACTURER'S RECOMMENDATIONS. ADJUST SIZE OF PAD SLIGHTLY TO ALLOW FOR INSTALLATION PER MANUFACTURER'S RECOMMENDATIONS, AND TO PREVENT CUTTING OF PAVERS. WWW.VASTPAVERS.COM.

3 BENCH AND BIKE PAD DETAIL
L1.0 1" = 1'-0"





University Montana 7



NON-POLYMERIC JOINT SAND

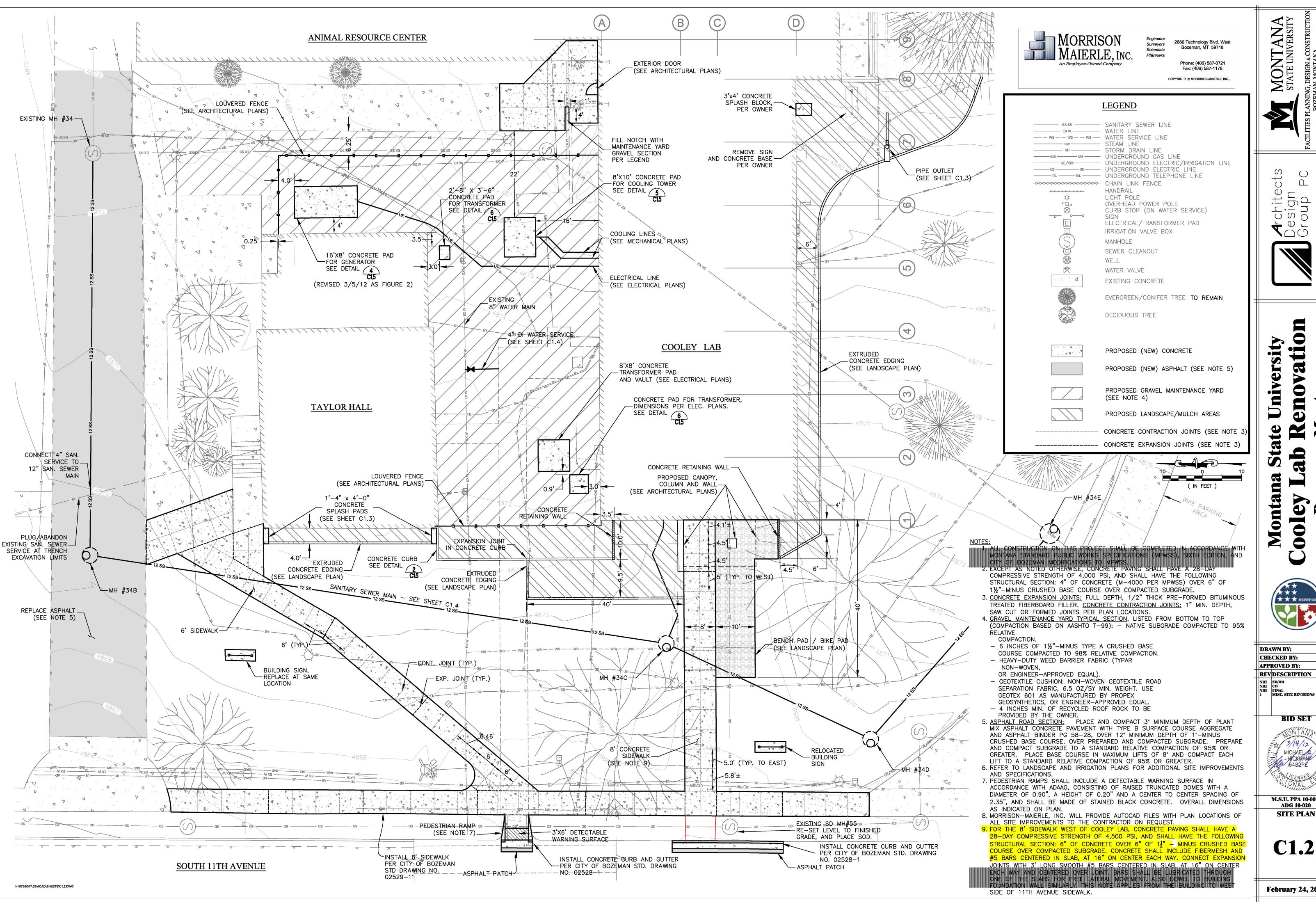
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·RAFFENSPERGER · 3100 E O. BOZEMAN, MT M.S.U. PPA 10-0023

ADG 10-020

LANDSCAPE REBID

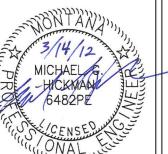
March 14, 2011



x x \*\* \*\* RECOVERY.

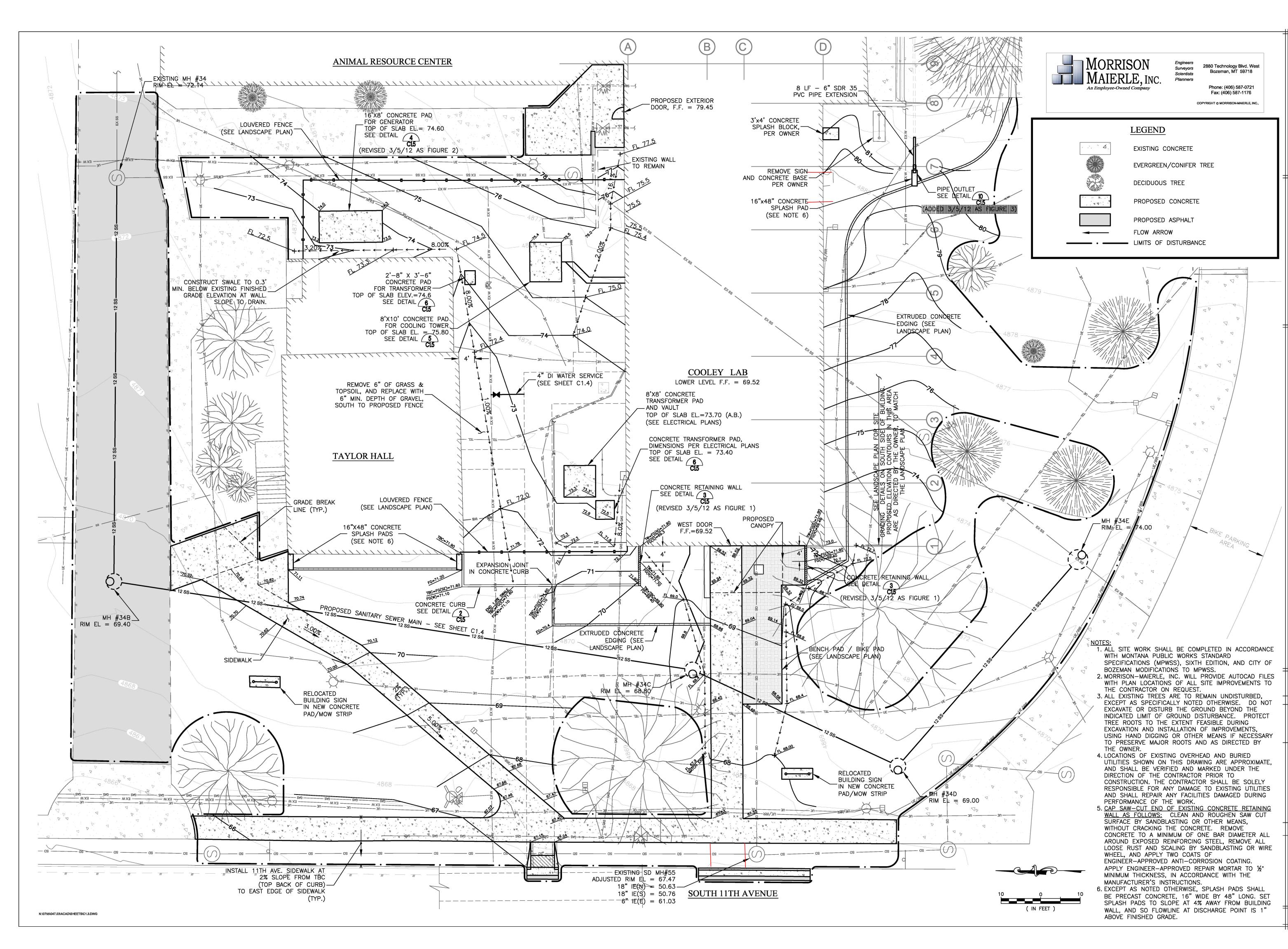
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BID SET



M.S.U. PPA 10-0023 ADG 10-020 SITE PLAN

February 24, 2012



MONTANA
STATE UNIVERSITY
THES PLANNING, DESIGN & CONSTRUCTION
BOZEMAN, MONTANA

FACILITIES PLANNING, DES BOZEMAN, MC PHONE: 406.994.4131

Architects
Design
Group PC
AZA KALISPELL, MT 416.257.7125

1 SUNSET PLAZA KAL

Montana State University Cooley Lab Renovati

\* \* \* SECOVERY GOV

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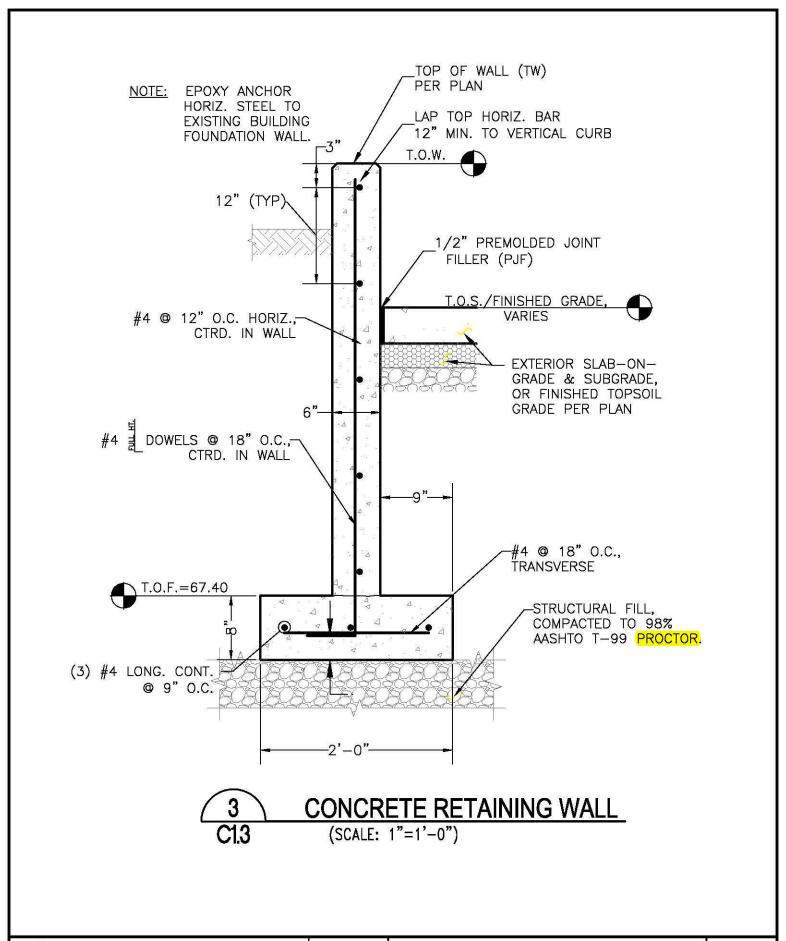
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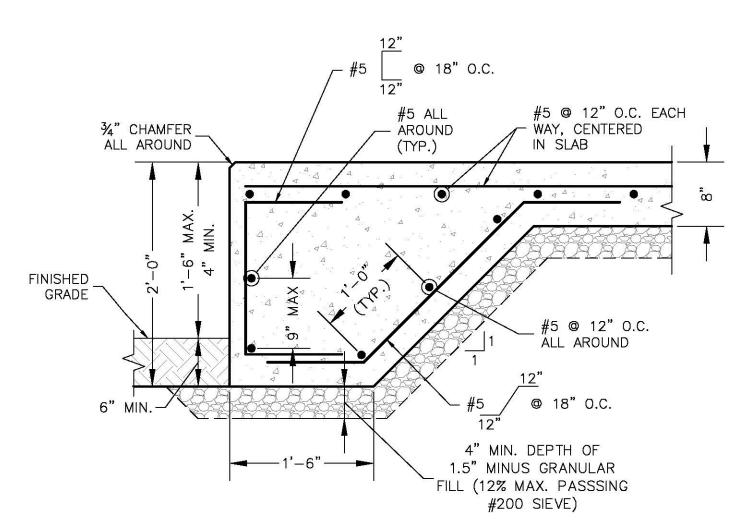
M.S.U. PPA 10-0023
ADG 10-020
GRADING &
DRAINAGE PLAN

C1.3

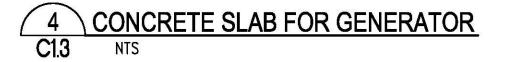
February 24, 2012



IVIORRISON Surveyors Bozeman MT 59718	APPR. BY: MGH DATE: 03/05/12	COOLEY LAB RENOVATION BOZEMAN MT	PROJECT NO. 0755.047.03
MAERLE, INC. Planners Phone: (406) 587-0721 Fex: (406) 922-8702  An Employee-Owned Company COPYRIGHT & MORRISON-MAERILE, INC., 2012		CONCRETE RETAINING WALL (REVISION TO SHEET C1.5)	FIGURE NUMBER
N:\0755\047.03\ACAD\OUTSIDE\TO\030512\FIG.1 -3.dwg Plotted by jon hockeday on Mar/5/2012		,,	( <del>ala</del>



NOTE: 2" MIN. CLR. ON FORMED SURFACES, 3" MIN. CLR. ON UN-FORMED SURFACES.



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2880 Technology Blvd. V Bozeman MT 59718 Scientists Planners Phone: (406) 587-0721 Fax: (406) 922-6702 DRAWN BY: KDJ

CHKTD. BY: MGH

APPR. BY: MGH

DATE: 03/05/12

COOLEY LAB RENOVATION BOZEMAN

PROJECT NO. 0755.047.03

CONCRETE SLAB FOR GENERATOR (REVISION TO SHEET C1.5) FIGURE NUMBER

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N:\0755\047.03\ACAD\OUTSIDE\TO\030512\FIG.1 -3.dwg Plotted by jon hockaday on Mar/5/2012

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