

DATE: October 24, 2013

State of Illinois
CAPITAL DEVELOPMENT BOARD

TO: PROSPECTIVE BIDDERS

SUBJECT: AMENDMENT NO. 7 TO THE RFP FOR

CDB Project No. 830-010-332
Construction of an Integrated Bioresearch Laboratory (IBRL)
University of Illinois at Urbana-Champaign, Urbana, Champaign County, Illinois

This amendment forms a part of the RFP and contract documents and modifies the original RFP dated July 25, 2013. Acknowledge receipt of this amendment in the space provided on the Proposal Transmittal Form. FAILURE TO DO SO MAY SUBJECT BIDDER TO DISQUALIFICATION.

ATTACHMENTS TO THE REQUEST FOR PROPOSAL:

- 1. **PROPOSAL TRANSMITTAL FORM for DESIGN-BUILD PROJECTS (DB-PTF).**
Page 2, Phase 2 Requirements: Revise paragraph to the following:

“List the firms providing the following work (per 00 42 10.3B.). Updated *Financial Disclosures and Conflicts of Interest, Certifications and Standard Terms and Conditions, and Business with Iran* must be provided by each firm listed (Forms on CDB Design-Build webpage).”

BRIDGING DOCUMENTS:

Project Manual:

- 1. Volume 1, Section E. Delete paragraph III.D.8- Emergency Generator in its entirety and replace with the following:

Size the generator based upon the load connected plus future loads, see the sizing requirements in the University of Illinois Facility Standards. Review the KW sizing of the generator with the University of Illinois electrical engineering representative before completing the design, but do not size the generator less than 250 KW/312 KVA.

The generator fuel tank is to be sized per the University of Illinois standard and shall be left full with diesel fuel when it is turned over to the University.

A remote fuel fill station shall be provided. It shall incorporate spill containment and a fuel level gage. The associated piping shall be large enough to allow the tank to be filled at a generous fuel dispensing rate without fuel backing up.

Connection to Data Link: A separate terminal block, factory wired to Form C dry contacts, for each alarm and status indication is reserved for connections for data link transmission of indications to remote data terminals.

The system shall be provided with the means to automatically start the generator(s) and transfer loads upon power loss to the facility. The transition back to normal power shall be automatic and without power interruption.

The location of the generator system shall be outside the building with an above grade mounted fuel tank. The tank shall be a double walled fire safe tank. The generators shall be sized to accommodate all of the building electrical loads as listed in this section and in the University of Illinois standards. Including the following loads:

- a) Emergency egress and exit lighting
- b) Life Safety Systems – Fire Alarm
- c) Security System
- d) UPS Equipment
- e) Telecommunication/Data System
- f) Critical Freezer(s) and refrigerator(s)
- g) Sewerage and/or Sump Pumps
- h) Heat Tracing (If Used)
- i) Hot Water Heating Pumps
- j) Elevator controller, associated receptacles, controls and lighting
- k) All Generator Auxiliary Systems (battery chargers, controls, lighting and ventilation requirements for the generator function)
- l) Mechanical control system panels
- m) Any other items to be determined by the University of Illinois.

The emergency power system will be sequenced by use of not less than 2 automatic transfer switches one for life safety and one for all other loads.

2. Volume 2 – Lab Equipment Schedule, Delete Location (Room No.) entry reading : “Lab 245” and replace it with entry reading: ”Lab (245) /Equipment (246).”

Drawings:

3. Please find attached drawing sheet L1.0, dated 7/05/13.
4. Please find attached drawing sheet A2.0. dated 07/15/13 with modifications to notes and plans. All modifications are “bubbled” and dated 10/21/13.
5. Please find attached drawing sheet S1.0, dated 07/05/13 with modifications to several notes. All modifications are “bubbled” and dated 10/21/13.

*Except as modified herein, amendments No. 1, 2, 3, 4, 5, and 6 remain in full force and effect.

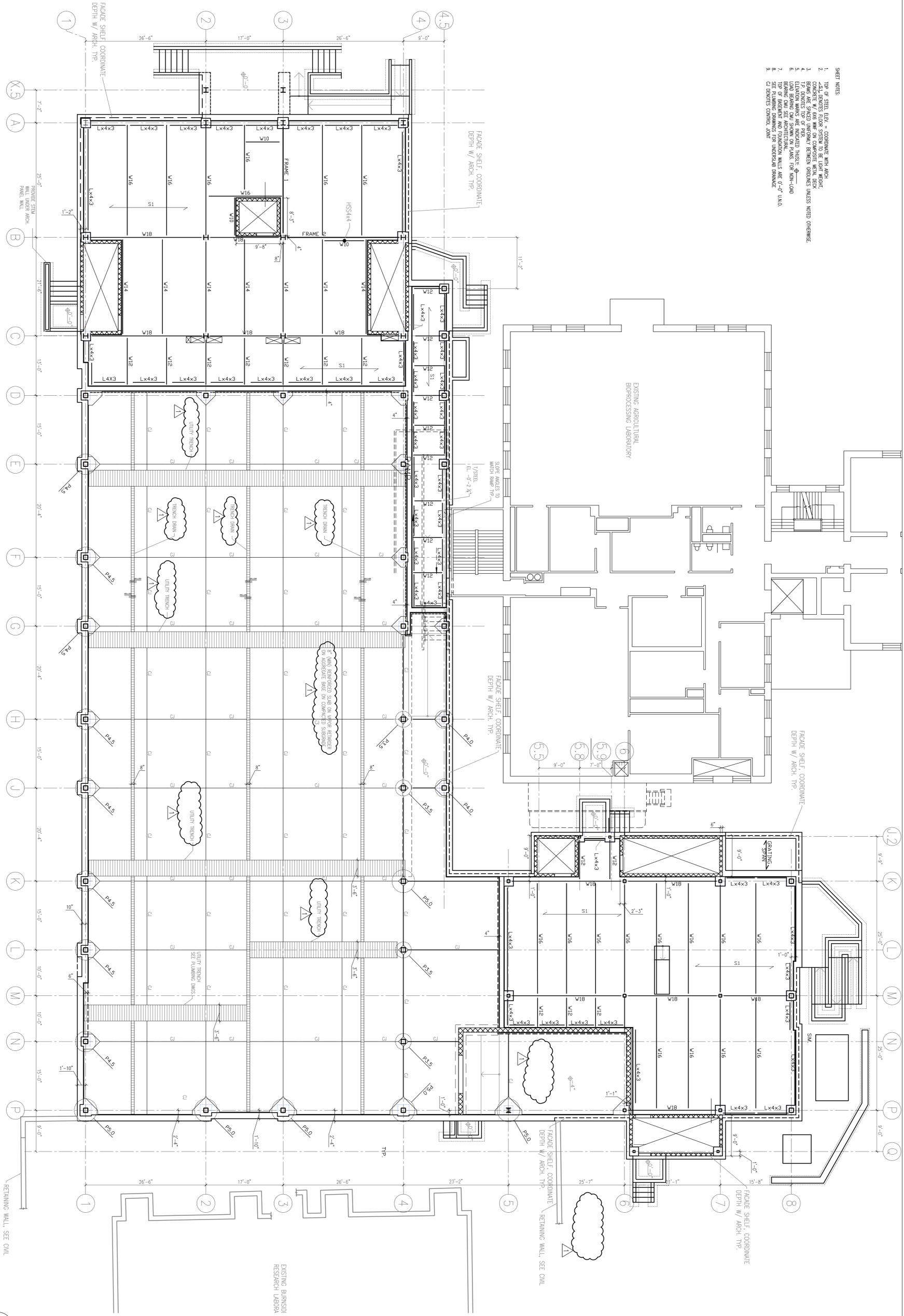
Very truly yours,

CAPITAL DEVELOPMENT BOARD

This amendment consists of 3 pages.

Attachments: Sheet L1.0
 Sheet A2.0
 Sheet S1.0

- SHEET NOTES:
1. TOP OF STEEL ELEV. = COORDINATE WITH ARCH.
 2. CONCRETE FLOOR SYSTEM SHALL BE CAST IN PLACE.
 3. BEAMS ARE SPACED UNIFORMLY BETWEEN COLUMNS UNLESS NOTED OTHERWISE.
 4. TOP FINISHES TOP OF FLOOR.
 5. TOP FINISHES TOP OF PERIMETER WALL.
 6. LOAD BEARING CAUL SHOWN ON PLANS FOR NON-LOAD BEARING WALLS.
 7. SEE ARCHITECTURAL WALLS AND CEILING UNLESS NOTED OTHERWISE.
 8. SEE PLUMBING DRAWINGS FOR UNDERSLAB DRAINAGE.
 9. CI DENOTES CONTROL JOINT.



REVISIONS		DRAWN	PREPARED
NO.	DATE	REMARKS	
1	10/21/13	ADDENDUM 6	TRACED
			APPROVED
		CHECKED	APPROVED

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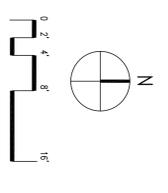
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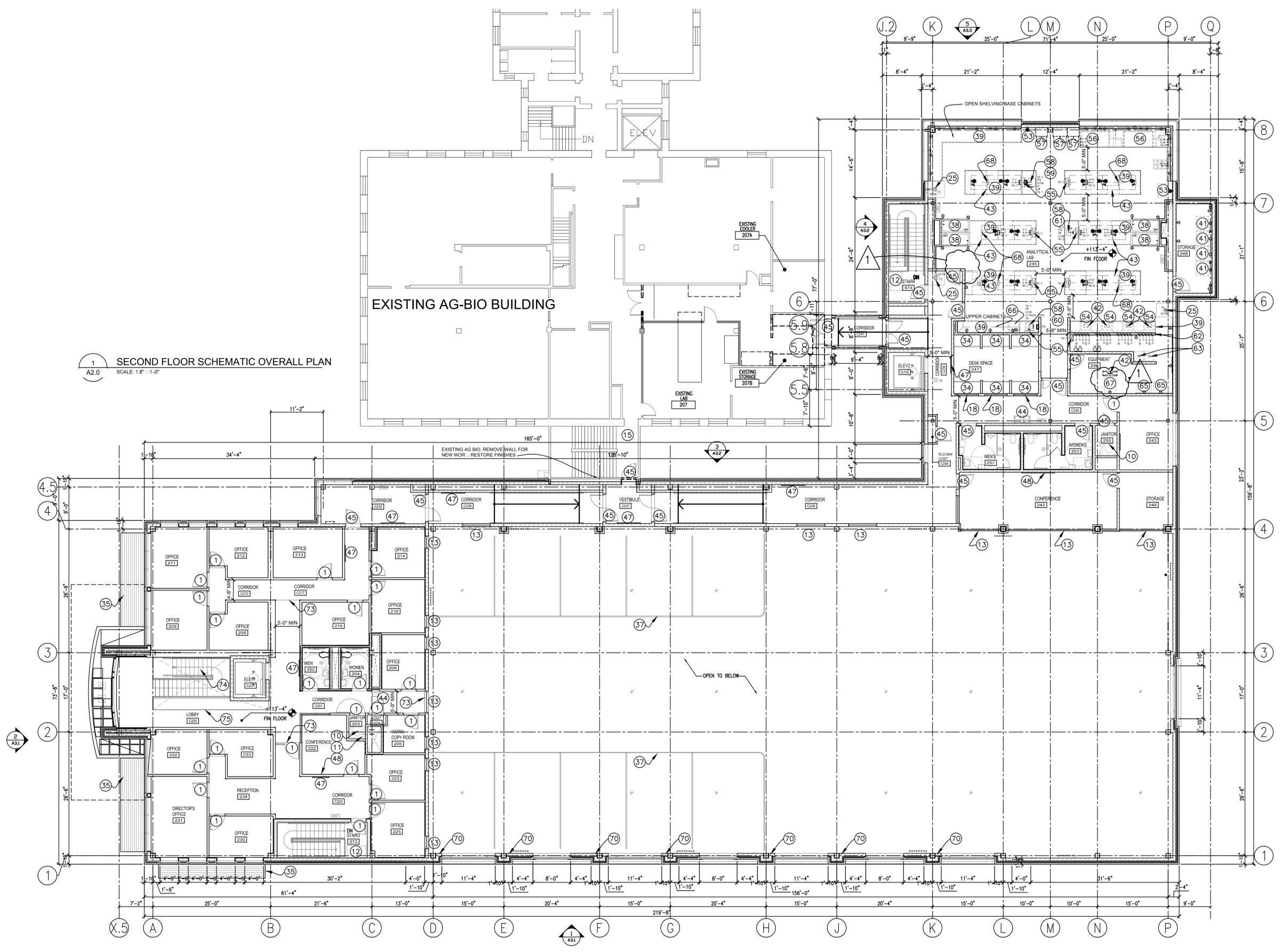
CONCEPT FIRST FLOOR FRAMING PLAN		PROJECT NO.
TITLE	INTEGRATED BIOPROCESSING RESEARCH LAB	830-010-332
AGENCY	UNIV. OF ILLINOIS URBANA-CHAMPAIGN CAMPUS	DATE
LOCATION	Building No. R0243 1302 W. PENNSYLVANIA AVE., URBANA, ILLINOIS	10/21/2013
		SHEET NO.
		S1.0
		OF () SHEETS



FLOOR PLAN KEY NOTES:

- 1 WOOD DOOR IN HM FRAME
- 2 EXTERIOR BRIC WALL WITH CMU BAC-UP. SEE ROOM DATA SHEETS FOR FINISHES
- 3 CONCRETE FOUNDATION WALL
- 4 PAINTED CMU COLUMN SURROUND
- 5 ACCESSIBLE SHOWER AND ENCLOSURE
- 6 CANE DETECTION RAIL
- 7 TRENCH DRAIN WITH CAST IRON REMOVABLE COVER
- 8 ELECTRICAL DUCT BAC
- 9 HORIZONTAL UTILITY TRENCH WITH DRAINS AND REMOVABLE CAST IRON COVERS
- 10 MOP BASIN
- 11 WOOD STORAGE SHELVING - 5 SHELVES HIGH, DEPTHS VARY FROM 12" TO 24"
- 12 AREA OF RESCUE ASSISTANCE
- 13 LOUVER- REMOTE CONTROL FROM ROOM 135
- 14 ELECTRICAL PANELS
- 15 EXISTING STAIR
- 16 FOLDING PARTITION
- 17 MAILBOXES
- 18 3/4" A.F.F. HM FRAMED CLEAR TEMPERED GLASS BORROWED LIGHT. ALIGN TOP WITH DOORS
- 19 UTILITY STATION. SEE ROOM DATA SHEETS FOR UTILITY TYPE
- 20 EXPLOSION RELIEF PANELS
- 21 EQUIPMENT PAD
- 22 STAINLESS STEEL SIN
- 23 INSULATED ELECTRICALLY OPERABLE OVERHEAD DOOR
- 24 FLUORESCENT LAMP STORAGE SHELVING 5 SHELVES HIGH, DEPTHS VARY BETWEEN 12" - 24"
- 25 EMERGENCY SHOWERS/EYE WASH. WITH SAFETY FLOOR PATTERN
- 26 OVERHEAD EXHAUST DROPS
- 27 RECESSED DRAINED WALL OFF MAT
- 28 PAINTED STEEL JAMB GUARDS
- 29 EXTERIOR RAMP DOWN
- 30 EDGE OF LOADING DOCK
- 31 EMERGENCY GENERATOR PAD
- 32 DUST COLLECTION SYSTEM ON CONCRETE PAD
- 33 BRIC AND CMU RETAINING WALL
- 34 WORK BENCHES
- 35 SUNSHADES
- 36 BORROWED LIGHT SHADES
- 37 SUSPENDED CURTAIN RAIL WITH CURTAIN. T RAIL PROCESSING BAY CEILING HEIGHT
- 38 FUME HOODS
- 39 LABORATORY BENCH W/RESIN TOPS
- 40 WALL HUNG STORAGE CABINETS
- 41 FREEZERS
- 42 EXHAUST CONNECTIONS
- 43 REAGENT SHELVES
- 44 WATER FOUNTAINS/WATER COOLERS
- 45 HM DOOR IN HOLLOW METAL FRAME
- 46 WHITE BOARD
- 47 TAC BOARD
- 48 60" T.V. FLAT PANEL DISPLAY
- 49 GUARDRAIL
- 50 AREAWELL
- 51 REMOVABLE STEEL GRATING
- 52 STAIRS
- 53 REFRIGERATOR
- 54 GAS CHROMATOGRAPH
- 55 SERVICE DROP
- 56 ANAEROBIC CHAMBER LOC
- 57 GLASS DOOR TALL CABINETS
- 58 SIN. WITH COLD WATER AND EMERGENCY EYEWASH
- 59 DEIONIZED WATER
- 60 DEIONIZED POLISHED WATER
- 61 PAPER TOWEL DISPENSER
- 62 PARTIAL HEIGHT WALL
- 63 GAS CABINET
- 64 NOT USED
- 65 CENTRIFUGE
- 66 GLASSWARE WASH
- 67 AUTOCLAVE
- 68 REMOVABLE STANCHION
- 69 ALL GLASS AND ALUMINUM DOOR
- 70 EXTEND CMU OVER COLUMN TYP.
- 71 RAILINGS/WALL BUMPER
- 72 COUNTER SIN. AND CABINETS ABOVE
- 73 EXTENT OF FUTURE TERRAZZO FLOORING
- 74 PREPARE STAIR FOR PRECAST TERRAZZO STAIR, TREADS PERFORATED STEEL RISERS
- 75 STEEL GLASS RAIL SYSTEM
- 76 PROJECTION SCREEN

1 SECOND FLOOR SCHEMATIC OVERALL PLAN
A2.0 SCALE: 1/8" = 1'-0"



REVISIONS		
NO.	DATE	REMARKS
1	10.21.13	AMENDMENT

DRAWN	PREPARED
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CHECKED	APPROVED

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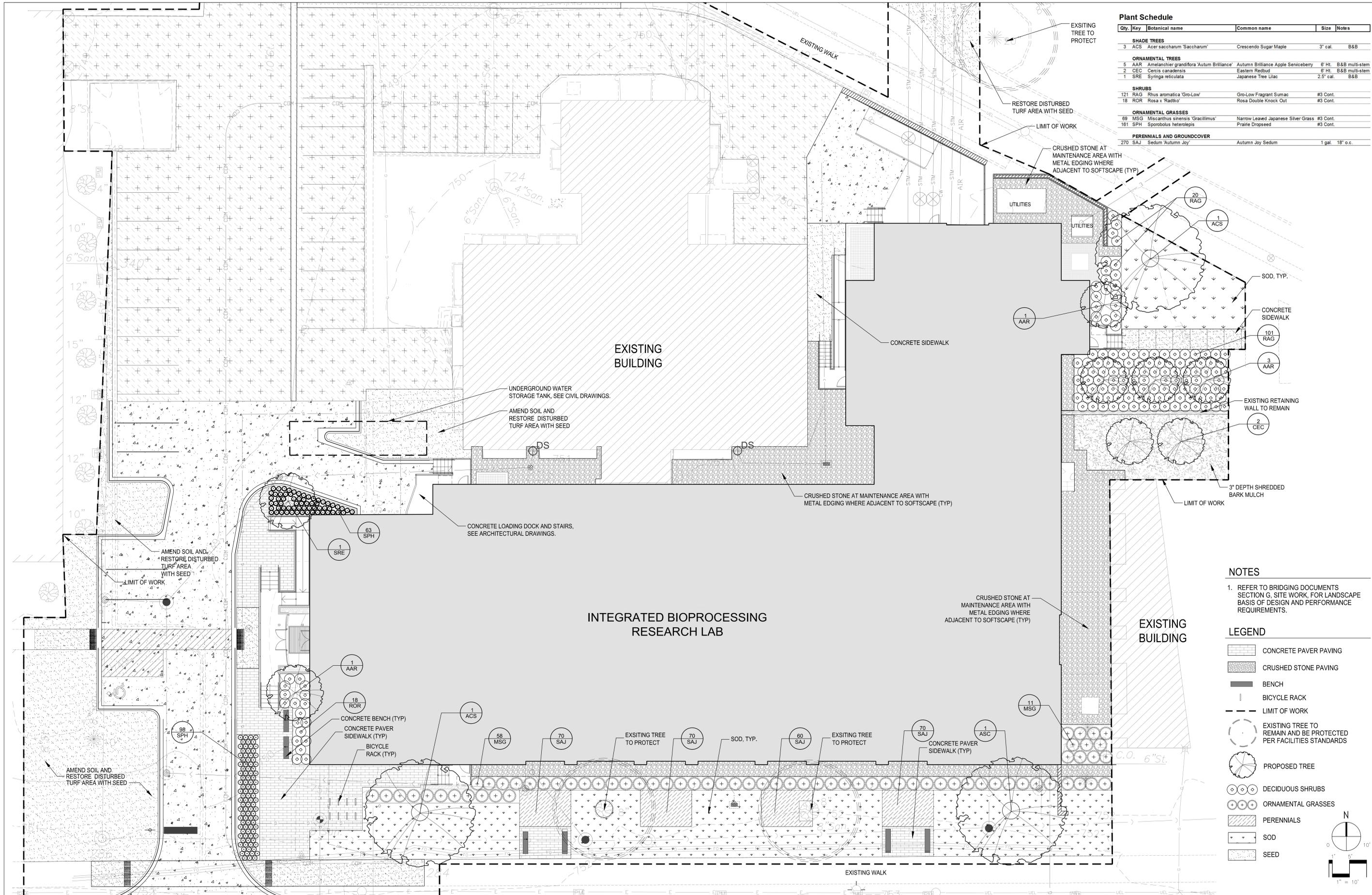
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SECOND FLOOR SCHEMATIC OVERALL PLAN

TITLE INTEGRATED BIOPROCESSING RESEARCH LAB
AGENCY UNIV. OF ILLINOIS URBANA-CHAMPAIGN CAMPUS
Building No. R0243
LOCATION 1302 W. PENNSYLVANIA AVE., URBANA, ILLINOIS

PROJECT NO. 830-010-332
DATE 07/05/2013
SHEET NO. **A2.0**
OF () SHEETS



Qty.	Key	Botanical name	Common name	Size	Notes
SHADE TREES					
3	ACS	Acer saccharum 'Saccharum'	Crescend Sugar Maple	3" cal.	B&B
ORNAMENTAL TREES					
5	AAR	Amelanchier grandiflora 'Autum Brilliance'	Autumn Brilliance Apple Serviceberry	6" Ht.	B&B multi-stem
2	CEC	Cercis canadensis	Eastern Redbud	6" Ht.	B&B multi-stem
1	SRE	Syringa reticulata	Japanese Tree Lilac	2.5" cal.	B&B
SHRUBS					
121	RAG	Rhus aromatica 'Gro-Low'	Gro-Low Fragrant Sumac	#3 Cont.	
18	ROR	Rosa x 'Radiko'	Rosa Double Knock Out	#3 Cont.	
ORNAMENTAL GRASSES					
69	MSG	Miscanthus sinensis 'Gracillimus'	Narrow Leaved Japanese Silver Grass	#3 Cont.	
161	SPH	Sporobolus heterolepis	Prairie Dropseed	#3 Cont.	
PERENNIALS AND GROUNDCOVER					
270	SAJ	Sedum 'Autumn Joy'	Autumn Joy Sedum	1 gal.	18" o.c.

NOTES

1. REFER TO BRIDGING DOCUMENTS SECTION G, SITE WORK, FOR LANDSCAPE BASIS OF DESIGN AND PERFORMANCE REQUIREMENTS.

LEGEND

	CONCRETE PAVER PAVING
	CRUSHED STONE PAVING
	BENCH
	BICYCLE RACK
	LIMIT OF WORK
	EXISTING TREE TO REMAIN AND BE PROTECTED PER FACILITIES STANDARDS
	PROPOSED TREE
	DECIDUOUS SHRUBS
	ORNAMENTAL GRASSES
	PERENNIALS
	SOD
	SEED

REVISIONS		
NO.	DATE	REMARKS

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TRACED	OFF. APPROVED
CHECKED	APPROVED

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LANDSCAPE PLAN

TITLE INTEGRATED BIOPROCESSING RESEARCH LAB
 AGENCY UNIV. OF ILLINOIS URBANA-CHAMPAIGN CAMPUS
 Building No. R0243
 LOCATION 1302 W. PENNSYLVANIA AVE., URBANA, ILLINOIS

PROJECT NO. 830-010-332
 DATE 07/05/2013
 SHEET NO. L1.0
 OF () SHEETS