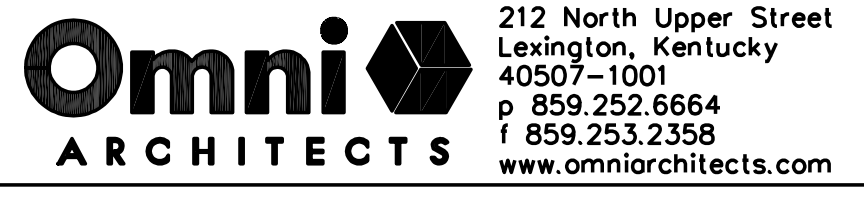


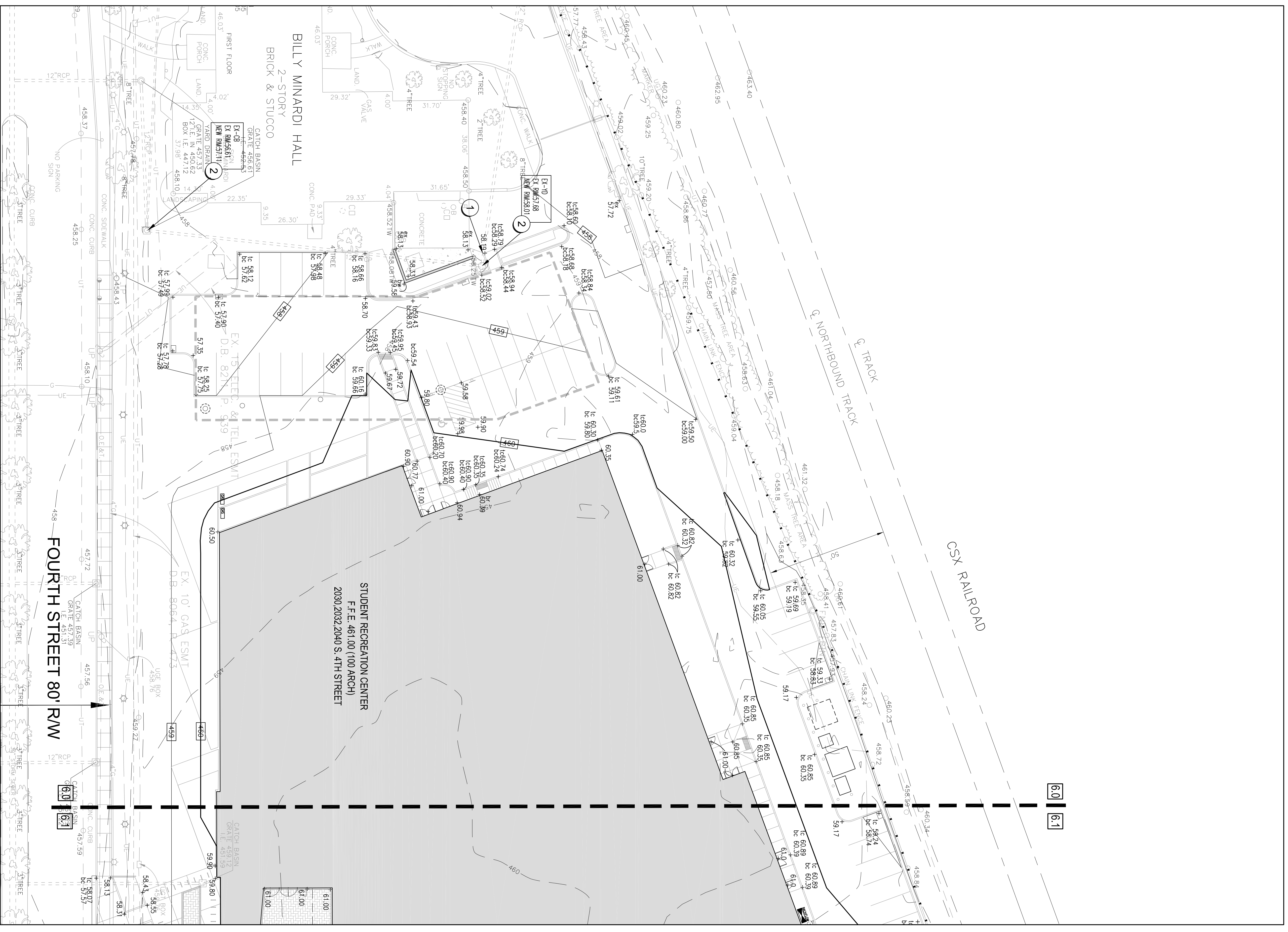
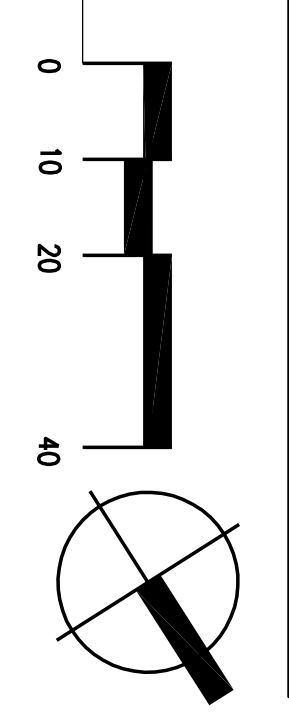
University of Louisville - Student Recreational Facility (Bid Phase #4 )

Drawing Name / Description	GRADING PLAN	#	Revision Date
U of L Project Number:		1	
A&E Project Number:		2	
Date:	JANUARY, 2012	3	
Drawn By:	SDS	4	
Checked By:	JLC / KLV	5	
		6	
		7	
		8	



GRADING PLAN

SCALE: 1"=20'-0"



- GRADING NOTES**
1. ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO ESTABLISH GRADES OF SIDEWALKS OR SIDEWALKS. SPOT ELEVATIONS ARE INDICATED BY ANY VERIFICATION LOCATION OF ALL EXISTING UTILITIES SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITIES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND RESTORE TO ORIGINAL CONDITION AT HIS OWNERS RISK.
  2. PROTECT ALL EXISTING UTILITIES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S RESPONSIBILITY TO REPAIR AND RESTORE TO ORIGINAL CONDITION AT HIS OWNERS RISK.
  3. ALL EXCESS EXCAVATED MATERIAL OTHER THAN TOPSOIL IS TO BE REMOVED FROM THE SITE. UNLESS OTHERWISE NOTED, ALL TREES AND VEGETATION SHALL BE PROTECTED DURING CONSTRUCTION. ANY TREES OR VEGETATION TO BE REMOVED SHALL BE IDENTIFIED TO A NECESSARY REGULATIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO BE SAVED.
  4. ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT TO BE REMOVED OR DAMAGED. ANY UTILITIES TO BE REMOVED SHALL BE IDENTIFIED TO A NECESSARY REGULATIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO BE SAVED.
  5. ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT TO BE REMOVED OR DAMAGED. ANY UTILITIES TO BE REMOVED SHALL BE IDENTIFIED TO A NECESSARY REGULATIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO BE SAVED.
  6. ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT TO BE REMOVED OR DAMAGED. ANY UTILITIES TO BE REMOVED SHALL BE IDENTIFIED TO A NECESSARY REGULATIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO BE SAVED.
  7. ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT TO BE REMOVED OR DAMAGED. ANY UTILITIES TO BE REMOVED SHALL BE IDENTIFIED TO A NECESSARY REGULATIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO BE SAVED.
  8. ALL EXISTING UTILITIES SHALL BE PROTECTED AND NOT TO BE REMOVED OR DAMAGED. ANY UTILITIES TO BE REMOVED SHALL BE IDENTIFIED TO A NECESSARY REGULATIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO BE SAVED.
  9. IT IS THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN A PERMIT FROM METRO LOUISVILLE METROPOLITAN SEWER DISTRICT FOR THE APPROVED PLANS, WHICH SHALL BE A SEPARATE SET OF PLANS.
  10. ALL CONSTRUCTION AND MATERIALS INSTALLED WITHIN THE RIGHT-OF-WAY SHALL CONFORM WITH METRO PUBLIC WORKS STANDARDS.
  11. CONTRACTOR SHALL VERIFY PROPOSED GRADES AND SURFS MEET APPLICABLE CODES.
  12. CONTRACTOR SHALL VERIFY PROPOSED GRADES AND SURFS MEET APPLICABLE CODES.
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  18. CONTRACTOR SHALL VERIFY PROPOSED GRADES AND SURFS MEET APPLICABLE CODES.
  19. CONTRACTOR SHALL VERIFY PROPOSED GRADES AND SURFS MEET APPLICABLE CODES.
  20. CONTRACTOR SHALL VERIFY PROPOSED GRADES AND SURFS MEET APPLICABLE CODES.

**PLAN LEGEND**

XXX	PROPOSED CONTOUR
XXX	EXISTING CONTOUR
XXX	PROPOSED SPOT ELEVATION
---	BOTTOM OF DRAIN LINES
---	TOP OF HILL
---	BOTTOM OF HILL
---	TOP OF CURB
---	BOTTOM OF CURB
---	CURB BOX INLET
---	SURFACE INLET
---	CURB INLET
---	YARD SPRAIN
---	RM ELEVATION
---	MANHOLE
---	WATERS QUALITY UNIT
---	JUNCTION BOX
---	EXISTING SPOT
---	HIGH DENSITY POLYETHYLENE PIPE
---	DOWN SPOUT
---	INTERNAL ROOF DRAIN
---	PREPARED PIPE
---	TRENCH DRAIN
---	CLEAN OUT

**CODED NOTES**

KEY	DESCRIPTION	DETAIL
1	TAPER CURB 1/4" FT TO MEET GRADE	
2	EXISTING STRUCTURES TO BE REFINISHED TO CONFORM WITH NEW GRADES INDICATED ON PLAN	
3	CURB CUT FOR WATER CONVEYANCE	W / SP-12.3

PURPOSE OF THESE DRAWINGS IS TO REFLECT ALL CHANGES AND CLARIFICATIONS MADE THRU PREVIOUSLY ISSUED ADDENDA. CONTRACTOR IS RESPONSIBLE FOR ADHERENCE TO IMPROVEMENTS REFLECTED IN THE CONTRACT BIDS AND SPECIFICATIONS.

FOR LOCATION OF UNDERGROUND UTILITIES, CALL B.U.D. 1-502-286-6123 (2) WORKING DAYS IN ADVANCE OF DIGGING

SD-6.0