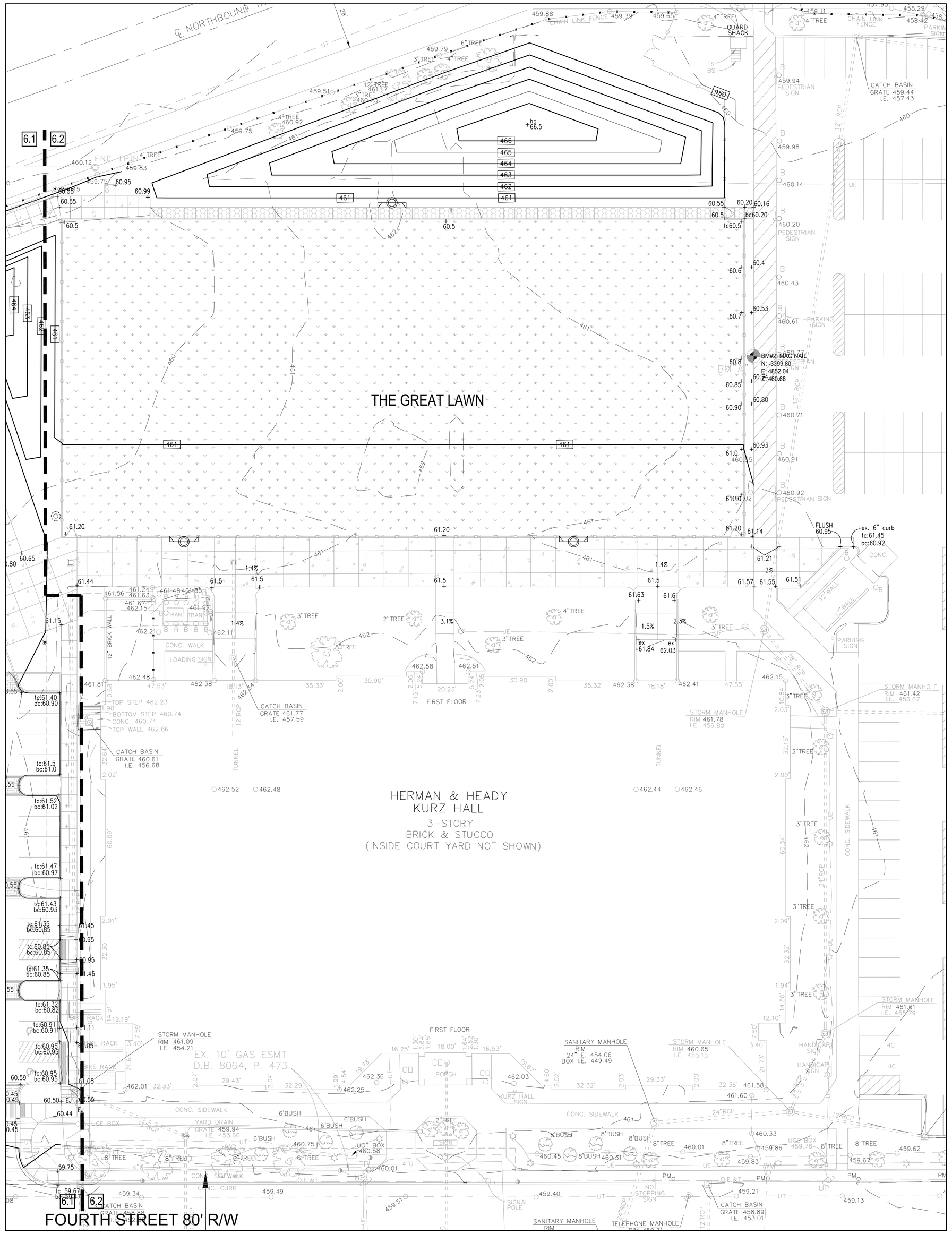

GRADING NOTES

1. ALL SPOT ELEVATIONS INDICATE FINISH GRADE OF SURFACE. ADJUSTMENTS MUST BE MADE TO ESTABLISH GRADES OF SUB-BASE OR SUBGRADE. SPOT ELEVATIONS ARE INCLUSIVE OF ANY LANDSCAPE MULCH REQUIRED.
2. PRIOR TO CONSTRUCTION OR DEMOLITION, CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING LOCATION OF ALL EXISTING UTILITIES SO THAT NEW CONSTRUCTION WILL NOT DAMAGE OR INTERFERE WITH EXISTING UTILITY LINES. SHOULD DAMAGE OCCUR, IT IS THE CONTRACTOR'S SOLE RESPONSIBILITY TO REPAIR AND/OR REPLACE SAID DAMAGE AT THE CONTRACTOR'S EXPENSE. FINISHED REPAIRS OR REPLACEMENT SHALL MEET THE APPROVAL OF THE OWNER.
3. ALL EXCESS EXCAVATED MATERIAL OTHER THAN TOPSOIL IS TO BE REMOVED FROM THE SITE.
4. UNLESS OTHERWISE NOTED, ALL TREES AND VEGETATION SHALL BE PROTECTED DURING CONSTRUCTION. ALL VEGETATION, ROOTS, TREES, ETC. TO BE REMOVED SHALL BE REMOVED TO A MINIMUM DEPTH OF THREE FEET BELOW FINISHED GRADE. CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS NOT TO DAMAGE FOLIAGE, BRANCHES OR ROOTS OF EXISTING TREES TO BE SAVED. NO BURNING ON SITE.
5. BEFORE STARTING SITE EXCAVATION, CONTRACTOR SHALL STRIP ANY TOPSOIL FROM DEVELOPED PORTIONS OF THE SITE AND STORE IN A LOCATION THAT WILL NOT INTERFERE WITH SITE DEVELOPMENT OPERATIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR REDISTRIBUTING TOPSOIL IN ALL FINISHED GRADE AREAS, BACK FILLING CURBS, SIDEWALKS, ETC. TOPSOIL SHALL NOT BE DISTRIBUTED WHEN WET OR OVER COMPACTED.
6. CONTRACTOR SHALL PROVIDE ENGINEER WITH COMPACTION TESTING FROM AN INDEPENDENT TESTING AGENCY.
7. ELEVATIONS AND CONTOURS ON THIS PLAN ARE REFERENCED TO MEAN SEA LEVEL DATUM.
8. MINIMUM 12" CRUSHED STONE BACKFILL OVER STORM PIPING. STORM PIPING UNDER PAVED SURFACES TO BE BACKFILLED FULL DEPTH WITH CRUSHED STONE.
9. IT SHALL BE THE CONTRACTOR'S SOLE RESPONSIBILITY TO VERIFY IF ROCK EXCAVATION FOR MASS GRADING OR TRENCHING IS REQUIRED. ALL EXCAVATION IS UNCLASSIFIED. THERE WILL BE NO PAYMENT FOR ROCK EXCAVATION.
10. IT IS THE CONTRACTOR'S RESPONSIBILITY TO DETERMINE EXCAVATION QUANTITIES.
11. IT IS THE DESIGN INTENT FOR ALL WATER TO BE DIRECTED AWAY FROM THE PROPOSED AND EXISTING BUILDINGS.
12. BORROWED FILL MATERIALS ARE TO BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO USE ON THIS SITE.
13. CONTRACTOR TO LOCATE STOCKPILING OF SOILS IN THE STAGING AREA. WHEN THE CONTRACTOR HAS SELECTED THE LOCATION HE/SHE IS TO CONTACT THE ENGINEER TO VALIDATE THE LOCATION IS APPROPRIATE.
14. ALL DISTURBED GRADE AREAS TO BE SODDED AT COMPLETION OF PROJECT.
15. IF ANY EXISTING ASBESTOS COATED SEWER LINE IS UNEARTHED, IT WILL REQUIRE ABATEMENT IN ACCORDANCE WITH LOCAL, STATE AND/OR FEDERAL GUIDELINES . CONTRACTOR SHALL NOTIFY UNIVERSITY HEALTH & ENVIRONMENTAL SERVICES IMMEDIATELY.
16. ALL CONSTRUCTION AND MATERIALS INSTALLED WITHIN THE RIGHT-OF-WAY SHALL CONFORM WITH METRO PUBLIC WORKS STANDARDS.
17. CONTRACTOR SHALL VERIFY PROPOSED GRADES AND SLOPES MEET APPLICABLE CODE COMPLIANCE. CONTACT CARMAN OFFICE UPON ANY DISCREPANCY.
18. BID PACKAGE #1 CONTRACTOR IS RESPONSIBLE FOR REMOVAL OF MATERIALS TO A DEPTH OF 12 INCHES BELOW EXISTING GRADE. THE EXISTING GRADES REFLECTED ON THE GRADING PLANS ARE GRADES PRIOR TO THE REMOVAL OF 12" OF MATERIAL BY THE BID PACKAGE #1 CONTRACTOR. BID PACKAGE #4 BIDDERS AND CONTRACTOR SHALL BE RESPONSIBLE FOR THE 12" ADJUSTMENT OF GRADES SHOWN AS EXISTING GRADES ON THIS PLAN. BID PACKAGE #1 CONTRACTOR IS RESPONSIBLE FOR SUBMITTING AN AS-BUILT CONTOUR PLAN TO VERIFY THEIR WORK. — ADDENDUM #2; ITEM #13 DATED 3-02-2012
19. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING A PERMIT FROM METRO LOUISVILLE METROPOLITAN SEWER DISTRICT. THE APPROVED PLANS, WHICH SHALL BE A SEPARATE SET OF PLANS, SHALL BE MAINTAINED BY THE CONTRACTOR AT THE JOBSITE. — ADDENDUM #2; ITEM #14 DATED 3-02-2012

PLAN LEGEND

4XX	PROPOSED CONTOUR
4XX	EXISTING CONTOUR
+4XX	PROPOSED SPOT ELEVATION
	BOTTOM OF BASIN LIMITS
tw	TOP OF WALL
bw	BOTTOM OF WALL
tc	TOP OF CURB
bc	BOTTOM OF CURB
CBI	CURB BOX INLET
SI	SURFACE INLET
CI	CURB INLET
YD	YARD DRAIN
RIM	RIM ELEVATION
MH	MANHOLE
WQU	WATER QUALITY UNIT
JB	JUNCTION BOX
ex	EXISTING SPOT
HDPE	HIGH DENSITY POLYETHYLENE PIPE
DS	DOWN SPOUT
IRD	INTERNAL ROOF DRAIN
PP	PERFORATED PIPE
TD	TRENCH DRAIN
CO	CLEAN OUT

CODED NOTES

KEY	DESCRIPTION	DETAIL
1	TAPER CURB 1"/FT TO MEET GRADE	
2	EXISTING STRUCTURES TO RECEIVE CONC. COLLAR TO COMPLY WITH NEW GRADES INDICATED ON PLAN.	
3	CURB CUT FOR WATER CONVEYANCE	M / SD-12.3

GRADING PLAN

SCALE: 1"=20'-0"

0 10 20 40

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. 1-502-266-5123 (2) WORKING DAYS IN ADVANCE OF DIGGING

100 % CD's

Louisville, Ky

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

Consolidated Addenda 3-11-12

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#	Revision Date
1	
2	
3	
4	
5	
6	
7	
8	

Drawing Name / Description	GRADING PLAN
U of L Project Number:	
A&E Project Number:	
Date:	JANUARY, 2012
Drawn By:	SDS
Checked By:	JLC / KLW

SD-6.2