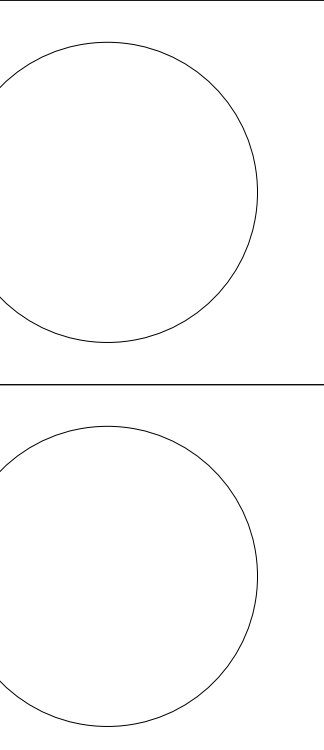
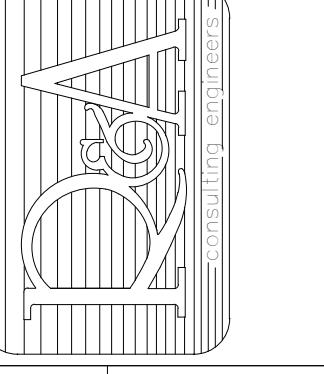


# University of Louisville - Student Recreation Center (Phase #4 - Construction Set) Louisville, Ky



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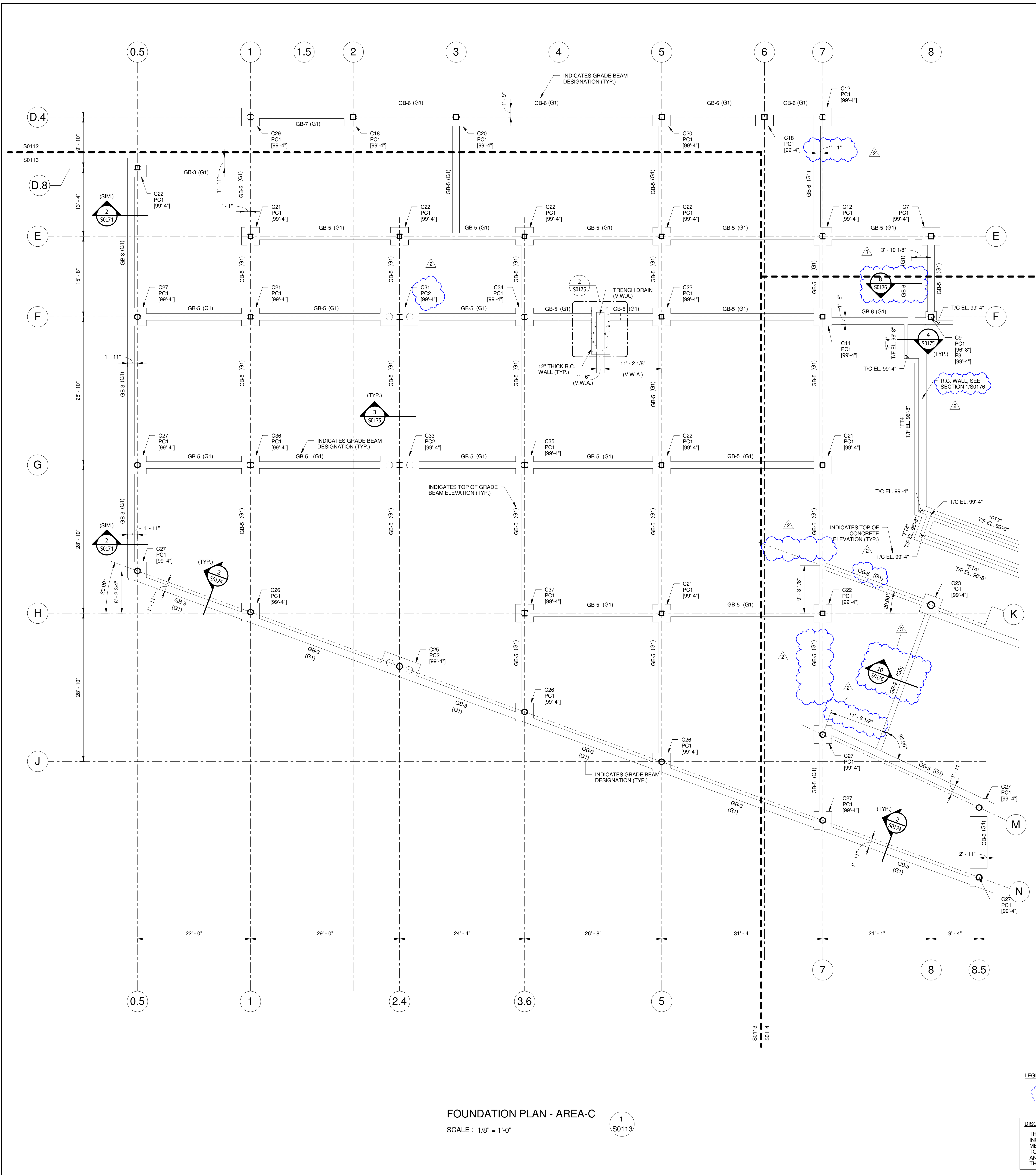
**Omni ARCHITECTS**  
**CANNONDESIGN**



#	Revision Date
2	Feb 27, 2012
3	Mar 05, 2012

Drawing Name: FOUNDATION PLAN - AREA-C  
 U of L Project Number: Omni1 - 1105.00  
 Project Number: Cannon - 08667.00  
 Date: April 16, 2012  
 Drawn By: VPP  
 Checked By: ANTHONY

**S0113**



- FOUNDATION PLAN NOTES:**
- FOOTING CALLOUT DENOTED THUS:  
 Cx → COLUMN DESIGNATION [SEE COLUMN SCHEDULE]  
 PCx → PILE CAP DESIGNATION [SEE PILE CAP SCHEDULE]  
 [XX'-X"] → TOP OF PILE CAP ELEVATION  
 Px → PIER DESIGNATION [SEE PIER SCHEDULE]  
 [XX'-X"] → TOP OF PIER ELEVATION
  - REFER TO ARCHITECTURAL, MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR HOUSEKEEPING AND/OR EQUIPMENT PADS, CURB SIZES AND LOCATIONS. SIZES AND LOCATIONS OF PAD SHALL BE VERIFIED WITH APPROVED MANUFACTURER'S EQUIPMENT SHOP DRAWING PRIOR TO CONSTRUCTION.
  - FIELD LOCATE EXISTING UNDERGROUND UTILITIES, PIPES, ETC. PRIOR TO PLACEMENT OF FOUNDATIONS. NOTIFY ENGINEER OF INTERFERENCES WHICH MIGHT REQUIRE RELOCATION AND/OR MODIFICATION OF FOUNDATIONS.
  - REFER COLUMN SCHEDULE FOR BASE PLATE DETAILS.
  - VERIFY ALL ELEVATOR DIMENSIONS, INCLUDING PIT DEPTH, AND COORDINATE ANY SLEEVES OR BLOCKOUTS WITH ELEVATOR MANUFACTURER. COORDINATE SUMP PIT LOCATION WITH ARCHITECTURAL DRAWINGS.
  - THE GRADE BEAM REINFORCING NOT FULLY EXTEND THROUGHOUT THE ENTIRE PILE CAP IT MUST BE EXTEND 24" INTO THE PILE CAP AND BE TERMINATED WITH A HOOK IF IT IS NOT CONTINUOUS.
  - FOR ANCHOR BOLT DETAIL, REFER TYPICAL DETAILS.

**PILE AND PILE CAP SCHEDULE**

PILE CAP DESIGNATION	NUMBER OF PILES	PILE CAP DIMENSIONS			PILE CAP REINFORCEMENT		TOP OF PILE CAP ELEVATION	PILE LAYOUT DETAIL	REMARKS
		LENGTH (FT.)	WIDTH (FT.)	DEPTH (IN.)	ACROSS LENGTH	ACROSS WIDTH			
PC1	1	3.5	3.5	35	(4) #8	(4) #8	SEE PLAN	1/S0173	-
PC2	2	7.5	3.5	49	(11) #8	(6) #10	SEE PLAN	3/S0173	-
PC3	3	7.5	7.5	44	(11) #9	(11) #9	SEE PLAN	2/S0173	-
PC4	2	7.5	3.5	52	(11) #8	(6) #10	SEE PLAN	3/S0173 (SIM.)	-

**GRADE BEAM SCHEDULE**

GRADE BEAM DESIGNATION	GRADE BEAM DIMENSIONS		REINFORCEMENT				STIRRUPS IN-SPAN		SIDE FACE REINF.		REMARKS	
	WIDTH (IN.)	DEPTH (IN.)	TOP BARS NUMBER	TOP BARS SIZE	BOT. BARS NUMBER	BOT. BARS SIZE	STIRRUPS	NO. OF LEGS	NO. OF LAYERS	BAR QTY.		BAR SIZE
GB-1	12	30	3	#6	3	#6	#4@12" O.C.	2	2	4	#5	-
GB-2	12	30	3	#7	3	#7	#4@12" O.C.	2	2	4	#5	-
GB-3	16	30	4	#6	4	#6	#4@12" O.C.	2	2	4	#5	-
GB-4	21	30	4	#6	4	#6	#4@12" O.C.	2	2	4	#5	-
GB-5	16	12	3	#6	3	#6	#4@12" O.C.	2	1	2	#5	-
GB-6	16	20	5	#6	5	#6	#4@12" O.C.	2	1	2	#5	-
GB-7	24	30	6	#6	6	#6	#4@12" O.C.	2	2	4	#5	-
GB-8	24	30	6	#6	6	#6	#4@12" O.C.	2	2	4	#5	-
GB-9	16	32	4	#6	4	#6	#4@12" O.C.	2	2	4	#5	-
GB-10	24	32	6	#6	6	#6	#4@12" O.C.	2	2	4	#5	-

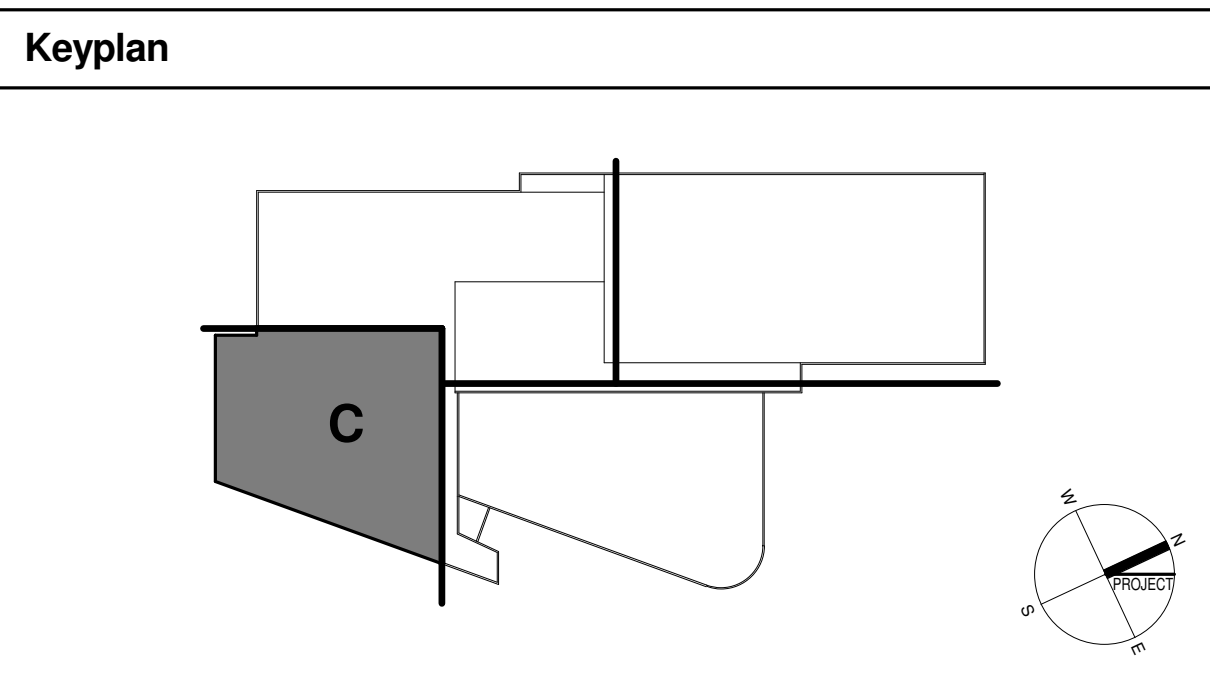
**PIER SCHEDULE**

PIER DESIGNATION	PIER DIMENSIONS		PIER REINFORCEMENT		TOP OF PIER ELEVATION	SEE DETAIL
	LENGTH (IN.)	WIDTH (IN.)	VERTICAL BAR	TIES		
P1	25	25	(8) #6	(6) #4	SEE PLAN	3/S0205
P2	29	29	(8) #6	(6) #4	SEE PLAN	3/S0205
P3	25	25	(8) #6	(6) #4	SEE PLAN	3/S0205
P4	25	25	(12) #7	(6) #4	SEE PLAN	3/S0205

- GRADE BEAM ELEVATIONS:**
- (G1) = INDICATES TOP OF GRADE BEAM ELEVATION 99'-4"
  - (G2) = INDICATES TOP OF GRADE BEAM ELEVATION 99'-0"
  - (G3) = INDICATES TOP OF GRADE BEAM ELEVATION 96'-8"
  - (G4) = INDICATES TOP OF GRADE BEAM ELEVATION 98'-0"
  - (G5) = INDICATES TOP OF GRADE BEAM ELEVATION 99'-1"
- CONSTRUCTION NOTES:**
- INCREASE FOOTING THICKNESSES AS NECESSARY IN THE FIELD TO POSITION BOTTOM ELEVATION ON APPROVED SUB-GRADE, AND AT LEAST 2'-0" BELOW FINISHED GRADE, UNLESS FOOTING IS BEARING UPON SOLID, NATURAL BEDROCK; SEE TYPICAL DETAIL.
  - ALL COLUMNS ARE TO BE PARALLEL TO THE WALL, COORDINATE THE ORIENTATION OF THE COLUMN WITH THE ARCHITECT'S DRAWINGS - TYP., U.N.O.
  - CONTINUOUS STRIP FOOTINGS AND STEM WALLS SHALL BE SEPARATED BY COLD JOINTS UPON ENCOUNTERING DIFFERENT SOIL BEARING CONDITIONS. SEE TYPICAL DETAIL.
  - IN THE EVENT THAT FOUNDATION BEARING SOILS ARE ENCOUNTERED THAT DO NOT MEET OR EXCEED THE INTENDED SOIL BEARING CAPACITY, CONSULT THE ARCHITECT IMMEDIATELY FOR ACCEPTABLE REMEDIATION OPTIONS. DO NOT FILL UNDERCUT AREAS WITH GRAVEL FILL. NO MORE THAN 1 1/2' OF GRAVEL MAY BE PLACED BETWEEN NATURAL SOILS AND BOTTOM OF FOUNDATIONS.
- STRIP FOOTING TYPE:**
- "FT1" - 3'-0" WIDE x 12" THICK w/(4) #5 LONGIT. & #5@9" o.c. TRANSV., TOP OF FOOTING ELEV. SEE PLAN.
  - "FT2" - 2'-2" WIDE x 12" THICK w/(3) #5 LONGIT. & #5@9" o.c. TRANSV., TOP OF FOOTING ELEV. SEE PLAN.
  - "FT3" - 2'-0" WIDE x 12" THICK w/(3) #5 LONGIT. & #5@9" o.c. TRANSV., TOP OF FOOTING ELEV. SEE PLAN.
  - "FT4" - 2'-4" WIDE x 12" THICK w/(3) #5 LONGIT. & #5@9" o.c. TRANSV., TOP OF FOOTING ELEV. SEE PLAN.
  - "FT5" - 4'-0" WIDE x 12" THICK w/(5) #5 LONGIT. & #5@9" o.c. TRANSV., TOP OF FOOTING ELEV. SEE PLAN.

**LEGEND:**  
 = CLOUDED ITEMS WHERE CHANGED PER ADDENDUM  
 = ADDENDUM NUMBER

**DISCLAIMER NOTE:**  
 THIS SET OF CONSTRUCTION DRAWINGS HAS BEEN UPDATED TO INCLUDE ANY CHANGES ISSUED THROUGH ADDENDUM OR OTHER MEANS. EVERY EFFORT HAS BEEN TAKEN TO INCLUDE ALL CHANGES TO DATE. THE CONTRACTOR IS STILL RESPONSIBLE FOR PROVIDING ANY ITEMS THAT WERE SHOWN AS PART OF THE ORIGINAL BID SET THAT MAY HAVE BEEN OVERLOOKED AND NOT INCLUDED IN THIS SET.



FOUNDATION PLAN - AREA-C  
 SCALE: 1/8" = 1'-0"

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