



PARIC CORPORATION
77 Westport Plaza Suite 250
St. Louis, MO 63146
TEL: 636-561-9500
FAX: 636-561-9501

REQUEST FOR INFORMATION	DATE: July 28, 2016	NO.: RFI-223
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To: Cannon Design

Attn: Kelvin Patel

From: Paric Corporation

Requested By: Devin Gates

Project Name:	15051-Webster University Interdisciplinary Science Building	Project No.: 15051
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Subject: Concrete vertical construction joint location

Response Required By: August 04, 2016

Drawing / Spec Reference:

Information Requested:

Please find attached a revised pour sequence plan for the concrete foundation walls. Please review and provide the dimension of the vertical construction joint location from the closest column line for the foundation walls on Level 0 and the remaining foundation walls on Level 1. In addition, please review the proposed lineal feet of each pour.

Response:

SEE COMMENTS

ARCHITECT'S RESPONSE:

This information is provided as an interpretation of the Contract Documents for implementation. It is not an authorization for change to the Contract Sum or Contract Time. If this information results in a claim for a change to the Contract, the Contractor shall notify the [Construction Manager][Architect] of a change through the change process.

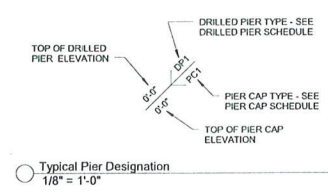
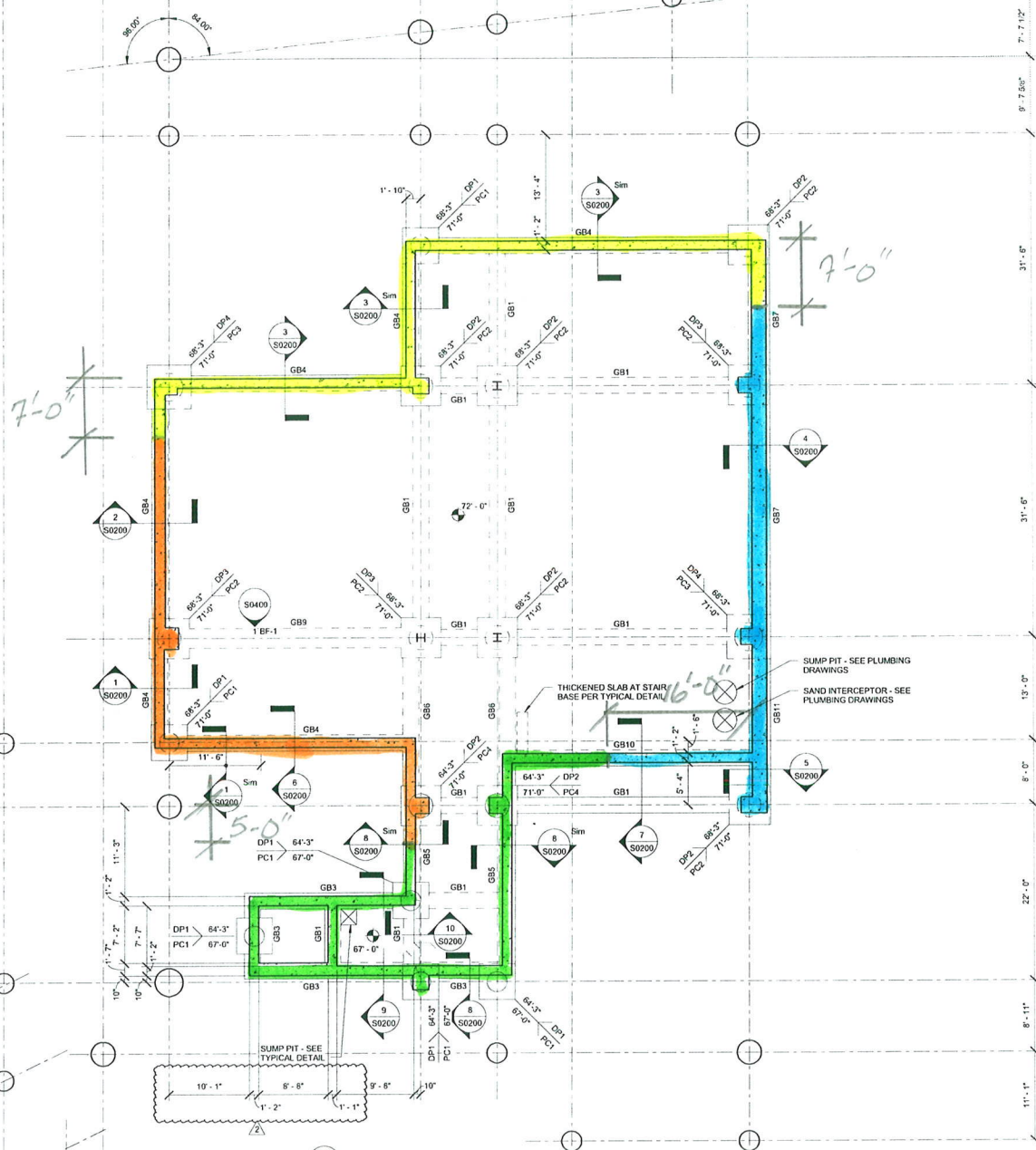
Answered By: JILL WALKER / DMA

Date: 9/1/2016

LEVEL 0
FOUNDATION WALLS

SEP 1
SEP 2
SEP 3
SEP 4

ALL CONSTRUCTION JOINTS
SHALL HAVE WATERSTOP
AND SPLICED HORIZONTAL
REINFORCING PER 7/S0002



- LEVEL 0 FOUNDATION PLAN NOTES:
1. SLAB-ON-GRADE CONSTRUCTION: 6" SLAB-ON-GRADE w/6.0% W2.3W2.9 W.W.F. OVER 2" COMPACTED GRANULAR FILL (12" MINUS) AND 4" COMPACTED GRANULAR FILL (0" TOTAL GRANULAR FILL) OVER 15 MIL VAPOR RETARDER. SEE TYPICAL DETAIL ON SHEET S0002.
 2. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S0001 THRU S0003.
 3. FINISHED FLOOR ELEVATION = 72'-0".
 4. JOINT FILLER SHALL BE PLACED IN CLEAN JOINTS, OVERFILLED AND SHAVED FLUSH.
 5. ALL GRADE BEAMS/PILE CAPS TO BE CENTERED UNDER WALLS AND/OR COLUMNS, UNLESS NOTED OTHERWISE.
 6. PROVIDE CONTROL JOINT (C J) IN SLAB-ON-GRADE AT 15'-0" ± (MAXIMUM) IN EACH DIRECTION.
 7. TOP OF INTERIOR COLUMN PILE CAPS = 71'-0", U.N.O.
 8. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR EQUIPMENT HOUSEKEEPING PAD LOCATIONS, SIZES, DIMENSIONS AND ELEVATIONS. CONTRACTOR SHALL VERIFY EQUIPMENT HOUSEKEEPING PAD SIZES, DIMENSIONS AND ELEVATIONS WITH CERTIFIED EQUIPMENT VENDOR DRAWINGS PRIOR TO CONSTRUCTION OF EQUIPMENT HOUSEKEEPING PADS. SEE SHEET S0002 FOR TYPICAL EQUIPMENT HOUSEKEEPING PAD DETAIL. CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT ANCHOR ATTACHMENT TO SUPPORTING CONCRETE. ANY EQUIPMENT ANCHOR TO CONCRETE NOT SHOWN ON THE DRAWINGS SHALL BE DESIGNED, FURNISHED AND INSTALLED BY THE CONTRACTOR. THE EQUIPMENT ANCHOR DESIGN SHALL BE BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MISSOURI AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OF EQUIPMENT HOUSEKEEPING PADS.



Webster University
Interdisciplinary Science
Building

CANNON DESIGN

- 1109 Clark Avenue
St. Louis, Missouri 63102
T: 314.241.6250
F: 314.241.2570
- William Tao & Associates, Inc.
MEPP Engineers
7855 Manchester Road, Suite 125
St. Louis, MO 63143
314.884.7699
- David Mason & Associates, Inc.
Structural & Civil Engineers
800 South Vandeventer Avenue
St. Louis, MO 63119
314.534.1053
- Fath Group
Technology
3161 S. Harley Rd., Suite 100
St. Louis, MO 63143
314.991.2228
- Kuhlmann Leavitt, Inc.
Environmental Graphics & Signage
7400 Pershing Ave
St. Louis, MO 63130
314.725.6616
- KWA Architects
Architecture
9721 Litzinger Road
St. Louis, MO 63124
314.562.2560
- Spellman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 300
St. Louis, MO 63105
314.862.0070
- SWT Design
Landscape Architect
7722 Big Bend Blvd
St. Louis, MO 63119
314.844.5700
- Webb Engineering Services, Inc.
Plumbing & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.588.0600

CONFORMED SET 01 JUL 2016

2	ADDENDUM 1-7	16 MAR 2016
1	ADDENDUM 1-1	29 JAN 2016
ISSUED FOR CONSTRUCTION (BP1)		15 JAN 2016
No.	Description	Date

Drawing Title:
**LEVEL 0 FOUNDATION
PLAN**

Project No.: 04581.01 Checked by:

S0100

LEVEL 01 FRAMING PLAN NOTES:
1. FLOOR CONSTRUCTION: 4" 12" NORMAL WEIGHT CONCRETE SLAB REINFORCED WITH #5 W2 BARS @ 18" W.W.F. ON 2"x18" GA. GALVANIZED COMPOSITE METAL DECK BY VULCRAFT OR ENGINEER APPROVED EQUAL WITH THE FOLLOWING MINIMUM PROPERTIES: 1 - 0.358 in. 0.695 ksi, Fy = 50 ksi, Sm = 0.504 in.3/ft. LOCATE W.W.F. 1" CLEAR FROM TOP OF CONCRETE. WELD COMPOSITE METAL DECK TO ALL INTERIOR SUPPORTING STEEL. EDGE RIBS OF PANELS AT EACH SUPPORT AND ALONG ALL SUPPORTING PERIMETER EDGE AND SLAB EDGE STEEL WITH 5/8" DIAMETER PIVOT WELDS @ 12" MAXIMUM. PROVIDE #10 TEK SCREW SIDE LAP CONNECTIONS AT 36" MAXIMUM BETWEEN SUPPORTS. (TOTAL SLAB THICKNESS = 6 1/2")
2. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S0001 THRU S0003.
3. FOR COLUMN SCHEDULE, SEE SHEETS S0050 THRU S0052.
4. COORDINATE ALL FLOOR OPENINGS WITH MECHANICAL DRAWINGS.
5. FINISHED FLOOR ELEVATION = 85'-0".
6. TOP OF STRUCTURAL STEEL ELEVATION = 85'-5 1/2", U.N.O.
7. TOP OF STRUCTURAL STEEL ELEVATION - BOTTOM OF METAL DECK ELEVATION, UNLESS NOTED THUS (XXX) ON PLAN REFERENCED FROM BOTTOM OF METAL DECK ELEVATION.
8. FOR COMPOSITE BEAM NOTES AND TYPICAL COMPOSITE BEAM DETAILS, SEE SHEETS S0002 THRU S0003.

DESIGN FLOOR LOADS:

FLOOR DEAD LOAD:
4" 12" NORMAL WEIGHT CONCRETE SLAB ON COMPOSITE DECK (6 1/2" TOTAL THICKNESS)
2" COMPOSITE METAL DECK
CONCRETE OVERLAP ALLOWANCE
MISCELLANEOUS FRAMING
MECHANICAL/ELECTRICAL/PLUMBING/FP ALLOWANCE
CEILING SYSTEM ALLOWANCE
TOTAL DEAD LOAD

67 PSF
2 PSF
5 PSF
9 PSF
2 PSF
89 PSF + STEEL FRAMING WT.

LIVE LOAD:
TYPICAL FLOOR
CORRIDOR AT ENTRY LEVELS
MECHANICAL/ELECTRICAL ROOM

100 PSF
80 PSF
150 PSF

LEVEL 1
FOUNDATION WALLS

COMPLETED

SEQ 5
SEQ 6
SEQ 7
SEQ 8



DETAIL TO BE PROVIDED
FOR INTERRUPTED GRADE
BEAM AND WALLS FOR
RAMP - SEE RFI #255
RESPONSE WHICH WILL BE
FORTHCOMING

ALL CONSTRUCTION JOINTS
SHALL HAVE WATERSTOP
AND SPLICED HORIZONTAL
REINFORCING PER 7/S0002

LEVEL 01 FOUNDATION/FLOOR FRAMING PLAN
1/8" = 1'-0"

LEVEL 01 FOUNDATION/FLOOR FRAMING PLAN
1/8" = 1'-0"

1. SLAB-ON-GRADE CONSTRUCTION: 4" SLAB-ON-GRADE WITH W2 9x29 W.W.F. OVER 2" COMPACTED GRANULAR FILL (5" TOTAL GRANULAR FILL) OVER 15 MIL VAPOR RETARDER. SEE TYPICAL DETAIL ON SHEET S0002.
2. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S0001 THRU S0003.
3. FINISHED FLOOR ELEVATION = 85'-0", U.N.O.
4. JOINT FILLER SHALL BE PLACED IN CLEAN JOINTS, OVERFILLED AND SHAVED FLUSH.
5. ALL GRADE BEAMS/PIER CAPS TO BE CENTERED UNDER WALLS AND/OR COLUMNS, UNLESS NOTED OTHERWISE.
6. PROVIDE CONTROL JOINT (C.J.) IN SLAB-ON-GRADE AT 15'-0" MAXIMUM IN EACH DIRECTION.
7. TOP OF INTERIOR COLUMN PILE CAPS = 85'-0", U.N.O.
8. SEE MECHANICAL, PLUMBING AND ELECTRICAL DRAWINGS FOR EQUIPMENT HOUSEKEEPING PAD LOCATIONS, SIZES, DIMENSIONS AND ELEVATIONS. CONTRACTOR SHALL VERIFY EQUIPMENT HOUSEKEEPING PAD SIZES, DIMENSIONS AND ELEVATIONS WITH CERTIFIED EQUIPMENT VENDOR DRAWINGS PRIOR TO CONSTRUCTION OF EQUIPMENT HOUSEKEEPING PADS. SEE SHEET S0002 FOR TYPICAL EQUIPMENT HOUSEKEEPING PAD DETAIL. CONTRACTOR SHALL FURNISH AND INSTALL EQUIPMENT ANCHOR ATTACHMENT TO SUPPORTING CONCRETE. ANY EQUIPMENT ANCHORAGE TO CONCRETE NOT SHOWN ON THE DRAWINGS SHALL BE DESIGNED, FURNISHED AND INSTALLED BY THE CONTRACTOR. THE EQUIPMENT ANCHORAGE DESIGN SHALL BE BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MISSOURI AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OF EQUIPMENT HOUSEKEEPING PADS.

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CANNON DESIGN

1100 Clark Avenue
St. Louis, Missouri 63102
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William Tao & Associates, Inc.
MEP/FP Engineer
7555 Manchester Road, Suite 125
St. Louis, MO 63143
314.884.7600

David Mason & Associates, Inc.
Structural & Civil Engineer
800 South Vandeventer Avenue
St. Louis, MO 63110
314.534.1053

Fath Group
Technology
3161 S. Harley Rd., Suite 100
St. Louis, MO 63143
314.591.2226

Kuhlmann Leavitt, Inc.
Environmental Graphics & Signage
7400 Pershing Ave.
St. Louis, MO 63130
314.725.6616

RWA Architects
Architecture
9721 Lutz Road
St. Louis, MO 63124
314.562.2560

Spelman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 300
St. Louis, MO 63105
314.862.0070

SWT Design
Landscape Architects
7722 Big Bend Blvd
St. Louis, MO 63119
314.644.5700

Webb Engineering Services, Inc.
Plumbing & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.588.0600

CONFORMED SET 01 JUL 2016

4	ADDENDUM 1-11	13 MAY 2016
3	ADDENDUM 1-8	12 APR 2016
2	ADDENDUM 1-7	16 MAR 2016
1	ADDENDUM 1-1	29 JAN 2016
-	ISSUED FOR CONSTRUCTION (BP1)	15 JAN 2016
No.	Description	Date

Drawing Title:

LEVEL 01
FOUNDATION/FLOOR
FRAMING PLAN

Project No.: 04581.01

Checked by:

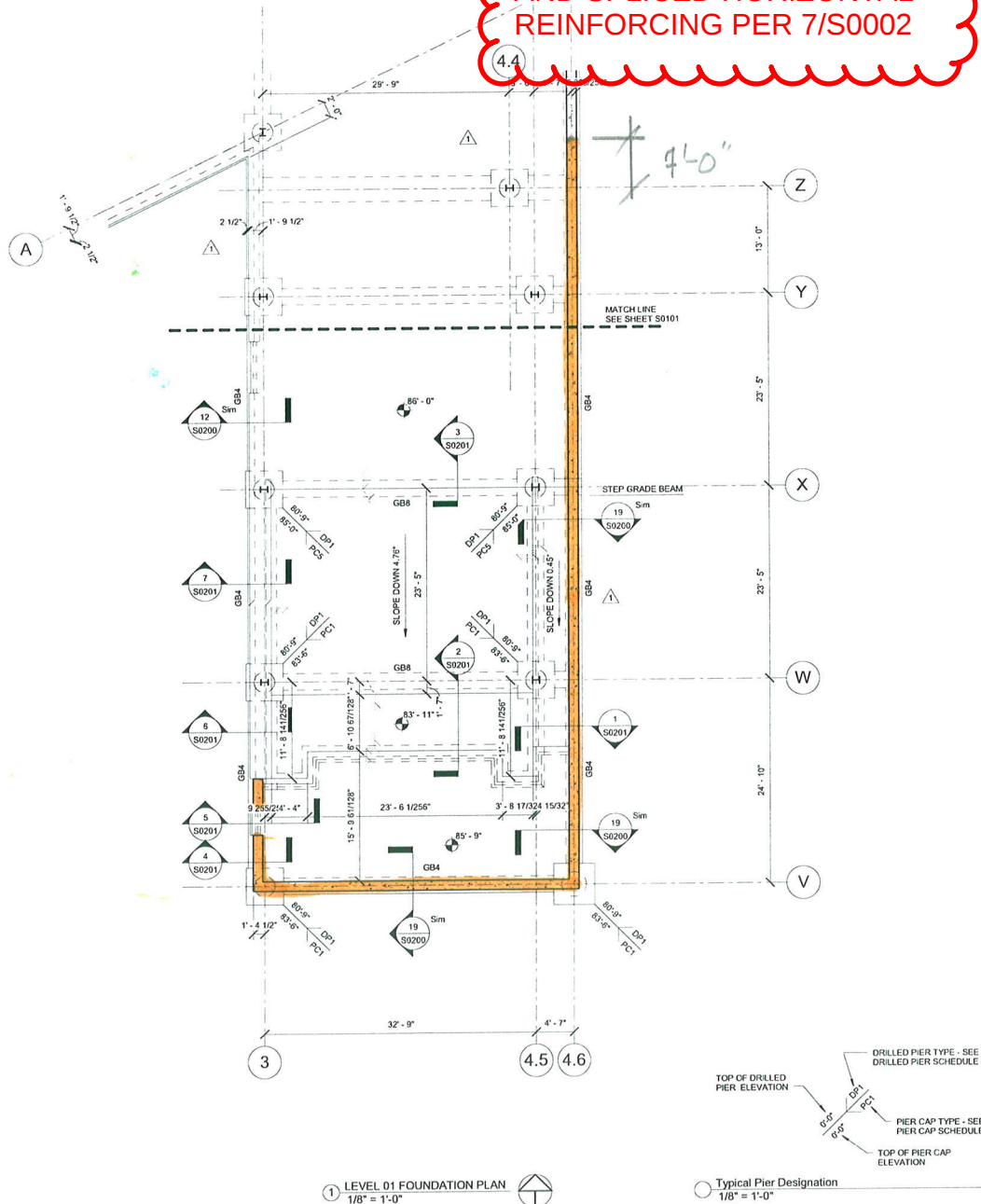
S0101

LEVEL 01 FOUNDATION PLAN NOTES:
1. SLAB-ON-GRADE CONSTRUCTION: 4" SLAB-ON-GRADE #5@12" W/W.F. OVER 2" COMPACTED GRANULAR FILL (12" MINUS) AND 4" COMPACTED GRANULAR FILL (6" TOTAL GRANULAR FILL) OVER 15 MIL VAPOR RETARDER. SEE TYPICAL DETAIL ON SHEET S0002.
2. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S0001 THRU S0003.
3. FINISHED FLOOR ELEVATION = 85'-0", U.N.O.
4. JOINT FILLER SHALL BE PLACED IN CLEAN JOINTS, OVERFILLED AND SHAVED FLUSH.
5. ALL FOOTINGS TO BE CENTERED UNDER WALLS AND/OR COLUMNS, UNLESS NOTED OTHERWISE.
6. PROVIDE CONTROL JOINT (C.J.) IN SLAB-ON-GRADE AT 15'-0" c. (MAXIMUM) IN EACH DIRECTION.
7. TOP OF INTERIOR COLUMN FOOTINGS = 85'-9", U.N.O.

LEVEL 1 FOUNDATION WALLS

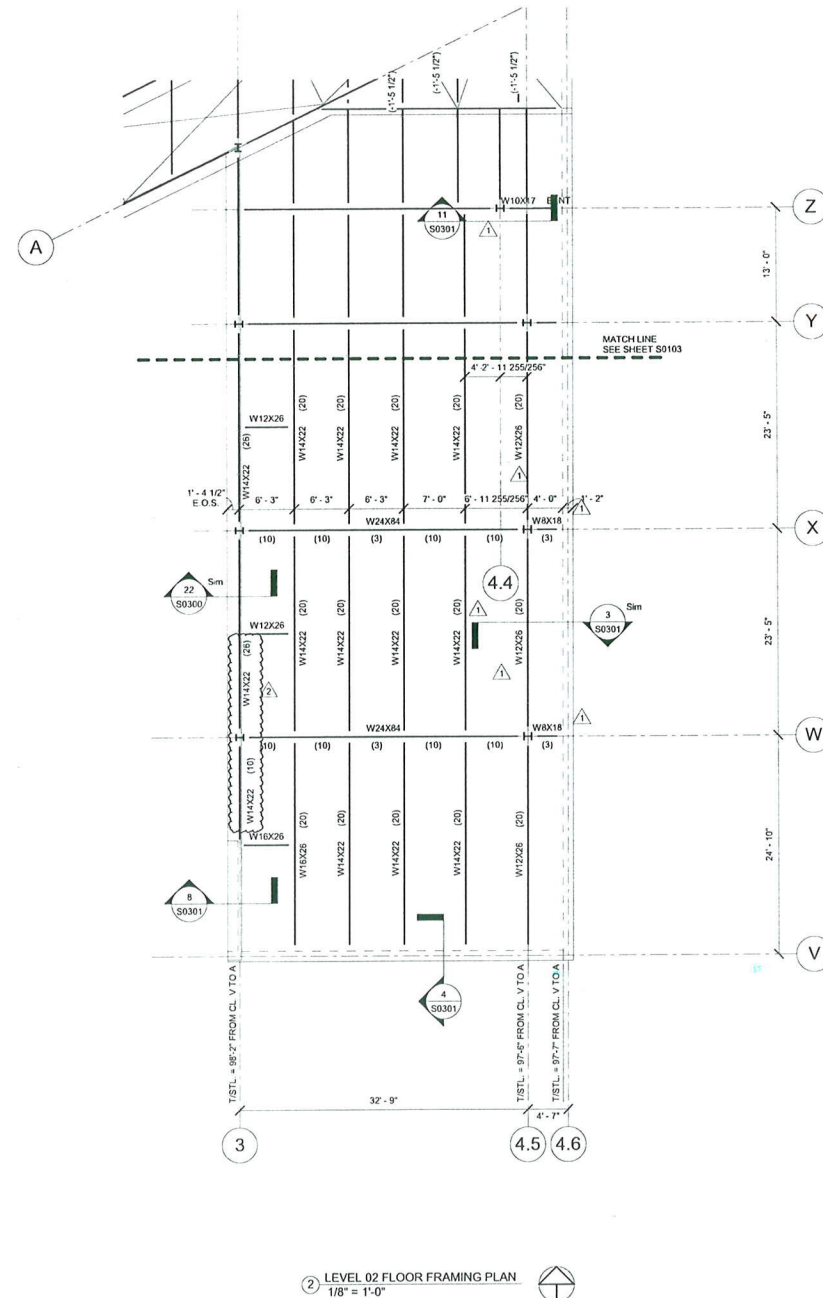
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ALL CONSTRUCTION JOINTS SHALL HAVE WATERSTOP AND SPLICED HORIZONTAL REINFORCING PER 7/S0002



LEVEL 02 FLOOR FRAMING PLAN NOTES:
1. FLOOR CONSTRUCTION: 4 1/2" NORMAL WEIGHT CONCRETE SLAB REINFORCED WITH #4, W2 SAWYER W.W.F. ON 2'-18" GA. GALVANEED (GSA) AT GREEN ROOF AND PAVEMENT SYSTEMS. COMPOSITE METAL DECK BY VULCRAFT OR ENGINEER APPROVED EQUAL WITH THE FOLLOWING MINIMUM PROPERTIES: 1: 0.55 MIN. $S_y = 0.495 \times 10^6$, $F_y = 50$ ksi, $S_n = 0.594 \times 10^6$. LOCATE W.W.F. 1" CLEAR FROM TOP OF CONCRETE. WELD COMPOSITE METAL DECK TO ALL INTERIOR SUPPORTING STEEL. EDGE RIBS OF PANELS AT EACH SUPPORT AND ALONG ALL SUPPORTING PERIMETER EDGE AND SLAB EDGE STEEL WITH 5/8" DIAMETER PUDDLE WELDS @ 12" c. MAXIMUM. PROVIDE #10 TEK SCREW SIDE LAP CONNECTIONS AT 36" c. MAXIMUM BETWEEN SUPPORTS. (TOTAL SLAB THICKNESS = 6 1/2").
2. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S0001 THRU S0003.
3. FOR COLUMN SCHEDULE, SEE SHEETS S0500 THRU S0502.
4. COORDINATE ALL FLOOR OPENINGS WITH MECHANICAL DRAWINGS.
5. FINISHED FLOOR ELEVATION = 100'-0", U.N.O.
6. TOP OF STRUCTURAL STEEL ELEVATION = 99'-5 1/2", U.N.O.
7. TOP OF STRUCTURAL STEEL ELEVATION = BOTTOM OF METAL DECK ELEVATION, UNLESS NOTED THIS (X) ON PLAN REFERENCED FROM BOTTOM OF METAL DECK ELEVATION.
8. FOR COMPOSITE BEAM NOTES AND TYPICAL COMPOSITE BEAM DETAILS, SEE SHEETS S0602 THRU S0603.

DESIGN FLOOR LOADS
SEE SHEET S0103 FOR DESIGN LOADS



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CANNONDESIGN

1109 Clark Avenue
St. Louis, Missouri 63102
T: 314.241.8250
F: 314.241.2370

William Tao & Associates, Inc.
MEP/FP Engineer
7955 Manchester Road, Suite 125
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Faith Group
Technology
3101 S. Hanley Rd, Suite 100
St. Louis, MO 63143
314.891.2228

Kuhlmann Leavitt, Inc.
Environmental Graphics & Signage
7400 Pershing Ave
St. Louis, MO 63130
314.725.6616

KWA Architects
Architecture
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St. Louis, MO 63124
314.562.2500

Spelman Brady & Company
Interior Designer
8251 Maryland Avenue, Suite 300
St. Louis, MO 63105
314.862.0070

SWT Design
Landscape Architect
7722 Big Bend Blvd
St. Louis, MO 63119
314.644.5700

Webb Engineering Services, Inc.
Planning & Fire Protection
1400 S. 3rd Street, Suite 201
St. Louis, MO 63104
314.588.0600

CONFORMED SET 01 JUL 2016

2. ADDENDUM 1-11 13 MAY 2016
1. ADDENDUM 1-1 29 JAN 2016
ISSUED FOR CONSTRUCTION (BPI) 15 JAN 2016

Drawing Title:
**LEVEL 01 FOUNDATION
PLAN AND LEVEL 02
FLOOR FRAMING PLAN**

Project No.: 04581.01 Checked by:

S0102