SITE ACTIVITY REPORT FOR 08/24/2016

Reported by Joseph Osuma, P.E.

ACS representative visited the Job Site to observe grade beam and pier cap trench excavation. Grade beams and pier caps trench excavation observed during this visit are shown in the Photograph 1 and on the attached drawing.

Photograph 1

The grade beams and pier caps trench excavation had already been completed prior to my arrival. The exposed surface of the trench was evaluated and found to be in compliance with the project plan and specification. Trench excavation observed during this visit was in accordance with good earthwork practice.

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LEVEL 01 FRAMING PLAN NOTES:

1. FLOOR CONSTRUCTION: 4 1/2" NORMAL WEIGHT CONCRETE SLAB REINFORCEDWITH 6x6, W2.1xW2.1 W.W.F. ON 2"x18 GA. GALVANIZED COMPOSITE METAL DECK BY VULCRAFT OR ENGINEER APPROVED EQUAL WITH THE FOLLOWING MINIMUM PROPERTIES: I = 0.559 in4/ft, Sp = 0.495 in3/ft, Fy = 50 ksi, Sn = 0.504 in3/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 PUDDLE WELDS @ 12"o.c. MAXIMUM. PROVIDE #10 TEK SCREW SIDE LAP CONNECTIONS AT 36"o.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 AND S0501.

4. COORDINATE ALL FLOOR OPENINGS WITH MECHANICAL DRAWINGS.

5. FINISHED FLOOR ELEVATION = 86'-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 (-XX")ON PLAN REFERENCED FROM BOTTOM OF METAL DECK ELEVATION.

8. FOR COMPOSITE BEAM NOTES AND TYPICAL COMPOSITE BEAM DETAILS , SEE SHEETS S0002 THRUS0003.

DESIGN FLOOR LOADS:

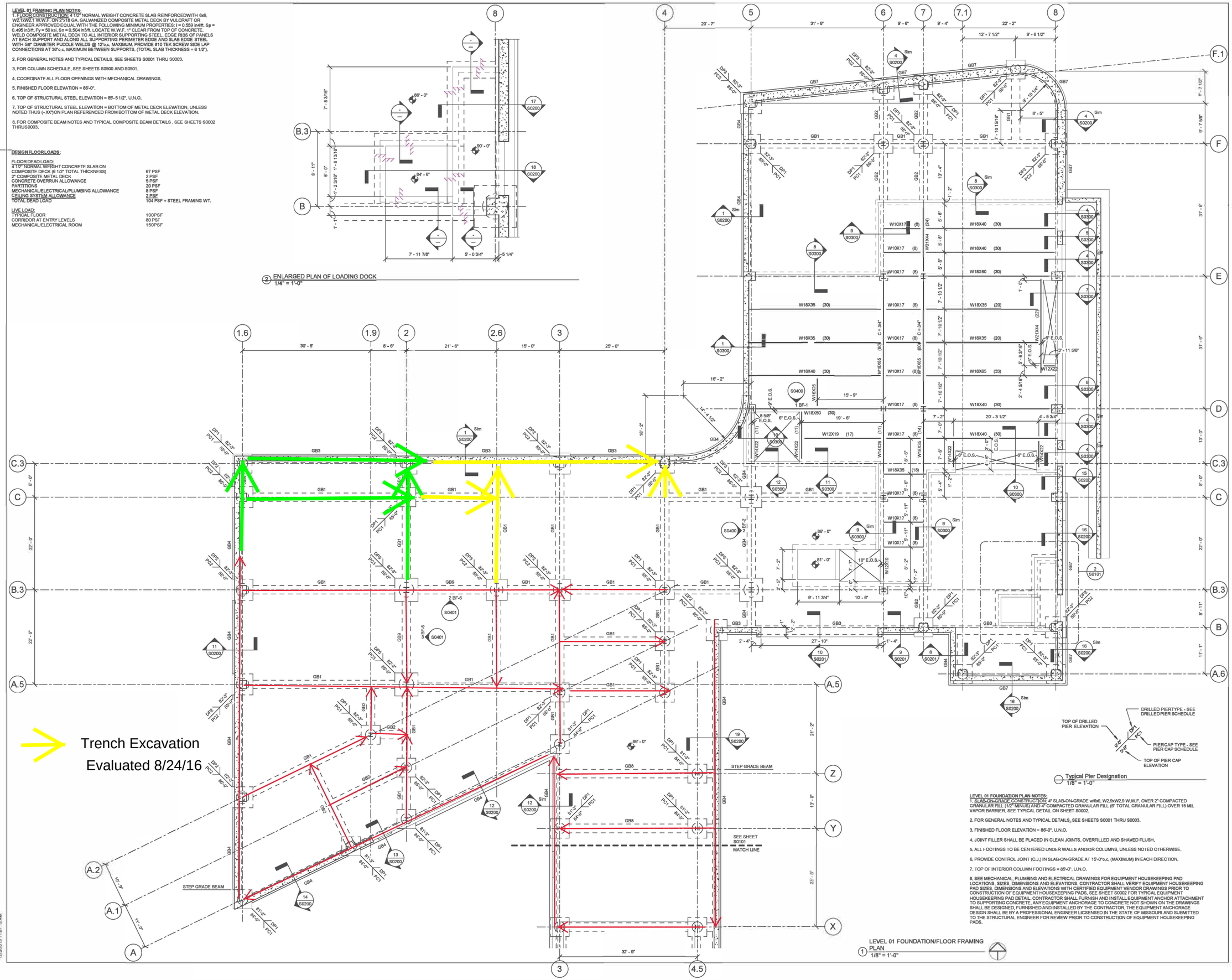
FLOOR DEAD LOAD:

4 1/2" NORMAL WEIGHT CONCRETE SLAB ON COMPOSITE DECK (6 1/2" TOTAL THICKNESS)	67 PSF
2" COMPOSITE METAL DECK	2 PSF
CONCRETE OVERRUN ALLOWANCE	5 PSF
PARTITIONS	20 PSF
MECHANICAL/ELECTRICAL/PLUMBING ALLOWANCE	8 PSF
CEILING SYSTEM ALLOWANCE	2 PSF
TOTAL DEAD LOAD	104 PSF + STEEL FRAMING WT.

LIVE LOAD:

TYPICAL FLOOR	100PSF
CORRIDOR AT ENTRY LEVELS	80 PSF
MECHANICAL/ELECTRICAL ROOM	150PSF

② ENLARGED PLAN OF LOADING DOCK
1/4" = 1'-0"



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

Typical Pier Designation
1/8" = 1'-0"

LEVEL 01 FOUNDATION PLAN NOTES:

1. SLAB-ON-GRADE CONSTRUCTION: 4" SLAB-ON-GRADE w/6x6, W2.9xW2.9 W.W.F. OVER 2" COMPACTED GRANULAR FILL (1/2" MINUS) AND 4" COMPACTED GRANULAR FILL (8" TOTAL GRANULAR FILL) OVER 15 MIL VAPOR BARRIER, SEE TYPICAL DETAIL ON SHEET S0002.

2. FOR GENERAL NOTES AND TYPICAL DETAILS, SEE SHEETS S0001 THRU S0003.

3. FINISHED FLOOR ELEVATION = 86'-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"o.c. (MAXIMUM) IN EACH DIRECTION.

7. TOP OF INTERIOR COLUMN FOOTINGS = 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 LICSENSED IN THE STATE OF MISSOURI AND SUBMITTED TO THE STRUCTURAL ENGINEER FOR REVIEW PRIOR TO CONSTRUCTION OF EQUIPMENT HOUSEKEEPING PADS.

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BID PACKAGE 1 REVIEW SET
NOT FOR CONSTRUCTION
12-03-2015

No.	Description	Date

Drawing Title:

LEVEL 01 FOUNDATION/FLOOR FRAMING PLAN

ProjectNo.: 04561.01 Checked by:

S0101

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