

RECOMMENDATIONS FOR HANDLING AND ERECTING VULCRAFT STEEL DECK\*  
Also refer to SDI Manual of Construction with Steel Deck Published by the Steel Deck Institute (847-458-4647).

1) CHECK QUANTITIES AND CONDITION OF DECK AND ACCESSORIES ON ARRIVAL. NOTE ON THE DELIVERY TICKET ANY SHORTAGES OR DISCREPANCIES. VULCRAFT WILL NOT BE LIABLE FOR ANY SHORTAGES OR DAMAGE NOT NOTED.

2) WHEN UNLOADING VULCRAFT STEEL DECK, USE CARE TO AVOID ANY DAMAGE TO THE MATERIAL. VULCRAFT IS NOT RESPONSIBLE FOR DAMAGE INCURRED WHILE UNLOADING.

3) VULCRAFT STEEL DECK SHOULD BE STORED OFF THE GROUND WITH ONE END ELEVATED TO PROVIDE DRAINAGE. A WATERPROOF COVER SHOULD BE PROVIDED WITH PROPER VENTILATION TO AVOID CONDENSATION.

4) DECK BUNDLES CAN WEIGH 4000 POUNDS. CARE MUST BE TAKEN TO AVOID OVERLOADING OF STRUCTURAL COMPONENTS WHEN PLACING BUNDLES ON THE ROOF OR FLOOR. DO NOT STACK BUNDLES ON STRUCTURAL COMPONENTS.

5) DO NOT USE VULCRAFT STEEL DECK AS A WORKING PLATFORM UNTIL THE DECK IS ATTACHED. LOOSE DECK SHEETS SHALL BE SECURED TO PREVENT THE WIND FROM DISPLACING THE SHEETS AND CAUSING INJURY TO PERSONS OR PROPERTY.

6) VULCRAFT STEEL DECK SHALL BE ERECTED WITH A MINIMUM BEARING OF 1-1/2 INCHES UNLESS OTHERWISE SHOWN.

7) VULCRAFT 1-LG (AND 1-SVLR DECK) IS BUNDLED "UPSIDE-DOWN" AND MUST BE INVERTED WHEN IT IS ERECTED.

8) CUTTING AND FRAMING OF OPENINGS NOT SHOWN ON THE ERECTION DRAWINGS SHALL BE THE RESPONSIBILITY OF THE TRADES INVOLVED.

9) SKEW CUTS SHALL BE THE RESPONSIBILITY OF THE DECK ERECTOR.

10) ALL CONSTRUCTION LIVE LOADS (ROOFING AND POURING OF CONCRETE) MUST BE DISTRIBUTED BY APPROPRIATE MEANS TO PREVENT DAMAGE TO VULCRAFT STEEL.

11) WHEN USING VULCRAFT STEEL DECK WITH INTERLOCKING SIDELAPS, CORRECTLY ALIGN DECK AS WELL AS THE STRUCTURAL COMPONENTS. SHEETS TO OBTAIN PROPER COVERAGE. DO NOT CONNECT SIDELAPS UNTIL DECK IS PERMANENTLY ATTACHED.

12) VULCRAFT ROOF DECK SHALL BE ERECTED BEGINNING AT THE LOW SIDE, UNLESS NOTED OTHERWISE, SO THAT END LAPS ARE SHINGLE FASHION WHEN THE ROOF SLOPE EXCEEDS 1/4 INCH IN 12 INCHES.

13) UNLESS NOTED OTHERWISE, ENDLAPS OF SHEETS SHALL BE A MINIMUM OF 2 INCHES AND SHALL OCCUR OVER A JOIST TOP CHORD ANGLE OR OTHER SUPPORT. THE ENDS OF VULCRAFT COMPOSITE DECK SHALL BE BUTTED (NOT LAPPED) TO FACILITATE THE USE OF STUDS WHEN REQUIRED.

14) WHEN THE DECK SPANS EXCEED THOSE RECOMMENDED BY THE STEEL DECK INSTITUTE FOR "UNSHORED CONSTRUCTION" VULCRAFT COMPOSITE DECK MUST BE SHORED IN ACCORDANCE WITH THE APPLICABLE "A" REQUIREMENTS".

15) UNLESS NOTED OTHERWISE, FASTEN DECK TO SUPPORTS AT ALL EDGE RIBS PLUS A SUFFICIENT NUMBER OF INTERIOR RIBS TO PROVIDE AN AVERAGE SPACING OF 12 INCHES APART, BUT NOT MORE THAN 18 INCHES. IN ALL CASES THE SIDELAPS ARE TO BE FASTENED TO THE SUPPORT.

16) UNLESS NOTED OTHERWISE, ALL PUDDLE WELDS ARE TO BE AT LEAST 5/8 INCH DIAMETER OR AN ELONGATED WELD WITH AN EQUAL PERIMETER.

17) WELDING WASHERS SHALL BE USED WITH METAL THICKNESSES LESS THAN .028 INCHES (22 GAGE) THICK.

18) UNLESS NOTED OTHERWISE, VULCRAFT STEEL DECK WITH SPANS GREATER THAN FIVE FEET SHALL HAVE SIDELAPS FASTENED AT MIDSPAN OR AT 36 INCH INTERVALS, WHICHEVER IS SMALLER.

19) DECK ACCESSORIES ARE TO BE POSITIVELY ATTACHED BY WELDING, SCREWING, OR BUTTON PUNCHING AS FOLLOWS:  
A) POUR STOPS AT 12 INCHES ON CENTER.  
B) GIRDER FILLERS AND SPLUT DECK SHEETS AT 18 INCHES ON CENTER.  
C) END CLOSURES AT 36 INCHES ON CENTER.  
D) SUMP PANS AT 6 INCHES ON CENTER.  
E) FLAT PLATE AND RIDGE AND VALLEY PLATE AT 12 INCHES ON CENTER.

THE NOTES ABOVE ARE GENERAL NOTES ONLY. IF A DISCREPANCY EXISTS ELSEWHERE ON THE FINAL PLANS FOR FIELD USE, THE GENERAL NOTES SHOULD BE CONSIDERED A MINIMUM.

ERECTOR NOTE:

10 X 24-2 B1

NUMBER OF PIECES

LENGTH OF SHEETS

BUNDLE MARK

ABBREVIATIONS

BM - BEAM  
BOM - BILL OF MATERIALS  
CC - CELL CLOSURE  
DE - DECK EDGE  
EDS - EDGE OF SLAB  
FC - FIELD CUT  
FOW - FACE OF WALL  
GA - GAGE  
GF - GIRDER FILLER  
NBV - NOT BY VULCRAFT  
PS - POUR STOP  
SP - SUMP PAN  
TOS - TOP OF STEEL  
UNO - UNLESS NOTED OTHERWISE

DETAIL D1

DETAIL D2

DETAIL D3

DETAIL D4

DETAIL D5

DETAIL D6

DETAIL D7

DETAIL D8

DETAIL D9

DETAIL D10

DETAIL D11

DETAIL D12

COLUMN CLOSURE PLATES (2) - 12"x 24" CUT TO FIT IN FIELD AND TACK WELD TO COLUMN AND DECK. 1 PLATE REQ'D @ EXTERIOR COLUMNS. 2 PLATES REQ'D @ INTERIOR COLUMNS.

END CLOSURE ( 4 in ft / COLUMN)

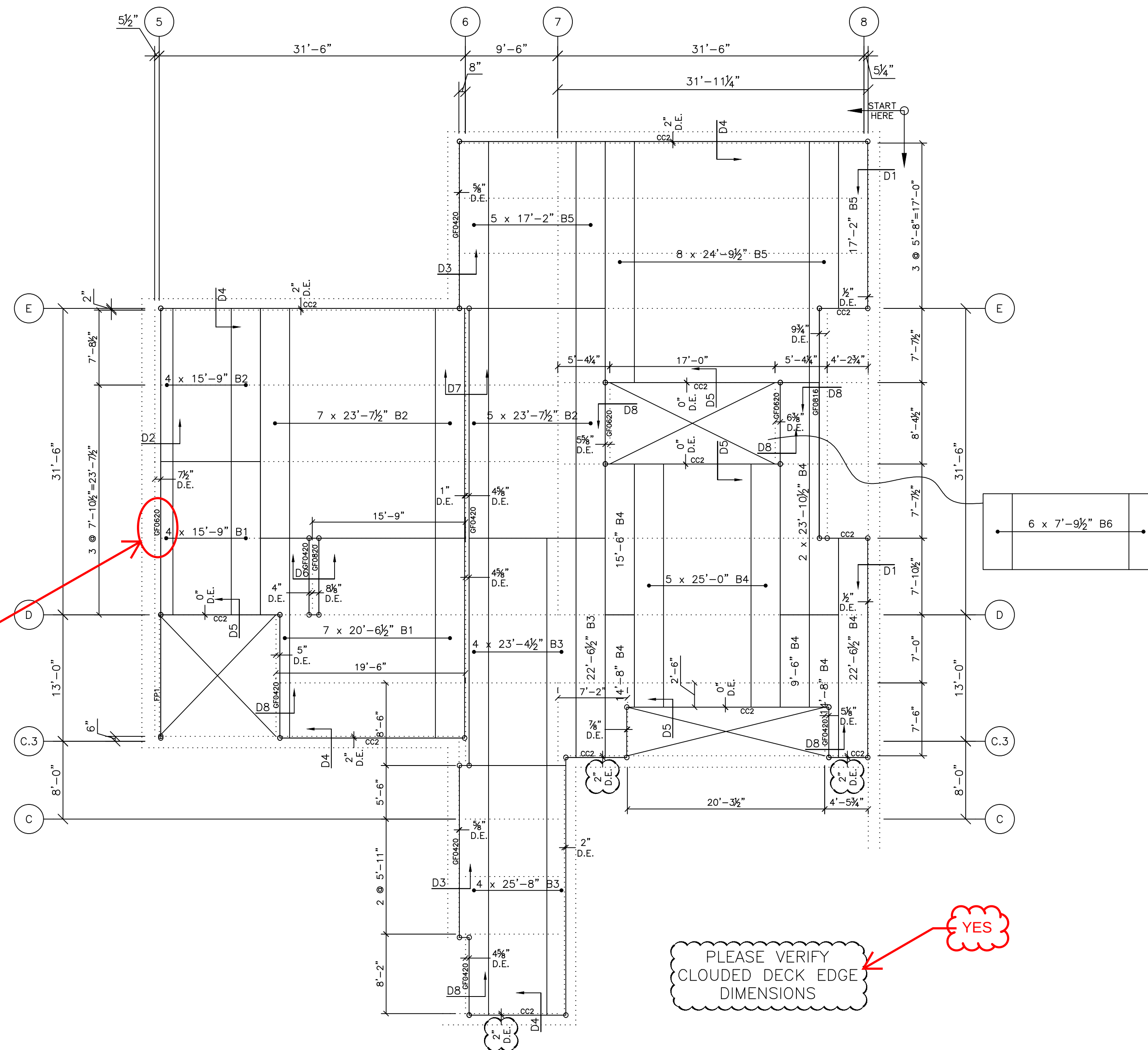
PLEASE VERIFY THE USE OF VULCRAFT AND SDI STANDARD GAGES FOR DECK ACCESSORIES

DECK ACCESSORIES TO MATCH GAGE OF MAIN DECK

GENERAL CONTRACTOR  
FOR APPROVAL ONLY  
NOT FOR FIELD USE  
VERIFICATION OF DIMENSIONS, DETAILS, ETC., ARE REQUESTED WHERE INDICATED.  
MATERIAL WILL NOT BE RELEASED FOR FABRICATION WITHOUT EACH VERIFICATION ADDRESSED.  
April 28, 2016

|                                                                                                                                                                                                                                                                                          |                             |                   |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|-------------------|
| SEQUENCES                                                                                                                                                                                                                                                                                |                             |                   |
| ALL JOISTS U.N.O. TO RECEIVE PRIMER                                                                                                                                                                                                                                                      |                             |                   |
| <div><div><div>DOCUMENT PREPARED IN THE USA</div><div>PH.# (256)845-2460<br/>7205 GAULT AVENUE NORTH<br/>FORT PAYNE, AL 35967</div></div><div><div><div>NUCOR</div><div>VULCRAFT GROUP</div></div><div>FAX# (256)845-2139<br/>P.O. BOX 680169<br/>FORT PAYNE, AL 35968</div></div></div> |                             |                   |
| PRINTS                                                                                                                                                                                                                                                                                   | FOR                         |                   |
| APV 5                                                                                                                                                                                                                                                                                    | AT ST LOUIS, MO - USA       |                   |
|                                                                                                                                                                                                                                                                                          | JOB WEBSTER ISD             |                   |
|                                                                                                                                                                                                                                                                                          | AT WEBSTER GROVES, MO - USA |                   |
| DRAWN BY                                                                                                                                                                                                                                                                                 | WAYNE BROGDON               |                   |
| CK'D BY                                                                                                                                                                                                                                                                                  | DATE 4/19/16                |                   |
| No.                                                                                                                                                                                                                                                                                      | REVISIONS                   | DATE              |
|                                                                                                                                                                                                                                                                                          |                             |                   |
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| FILE No.                                                                                                                                                                                                                                                                                 | 048-16-4022                 | DRWG No. DS1 OF 0 |

Thursday, April 28, 2016 10:13:12 AM



GENERAL:  
DIMENSIONS, SHEET LENGTHS,  
AND QUANTITIES NOT REVIEWED

### LEVEL 1 FLOOR DECKING PLAN

500 - SCREWS  
Marked: S6  
20 - COLUMN CLOSURES  
Marked: CL1

### VULCRAFT STEEL FLOOR DECK \*\* NOTE DK1 \*\*

TYPE = 2VLI GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G60 GALVANIZED SHEET  
36 INCH NET LAY

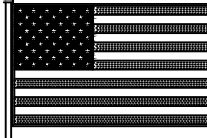
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS S6-#10-3/4")  
FASTEN PERIMETER EDGES OF DECK AT 12 INCHES C/C (5/8 WELD OR EQUIV.)  
END LAPS OCCUR AT SUPPORTS ONLY  
MINIMUM LAP = 0 INCHES

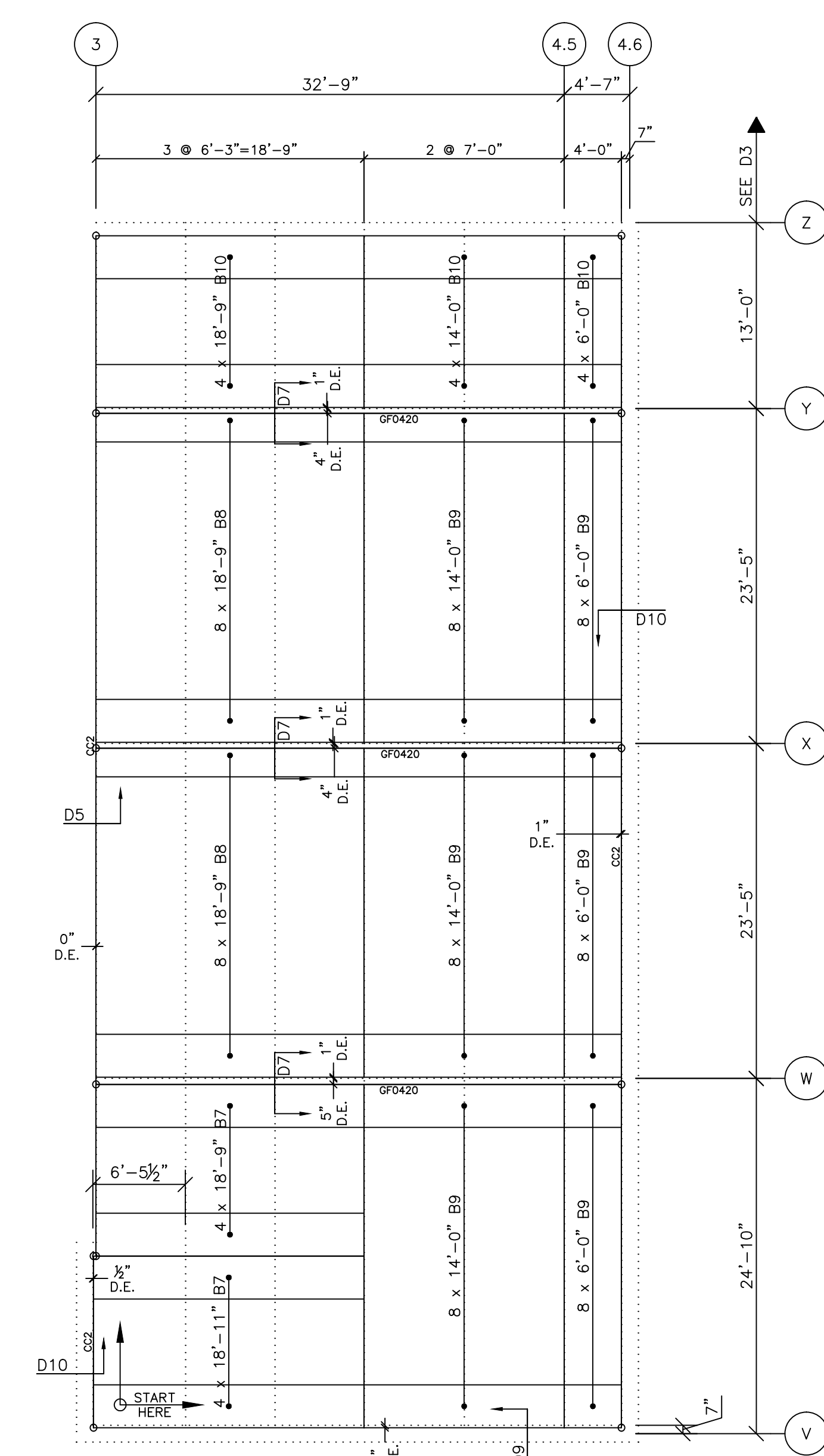
\* SPECIAL INSTRUCTION \*  
PRODUCTION NOTES:  
SHIFT COIL FOR SIDELAP SCREWS

2VLI 36/4 PATTERN AT ALL SUPPORTS

NOTE:  
SEE SHEET DS1 FOR SECTIONS,  
DETAILS & ADDITIONAL NOTES.

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April 28, 2016

|                                                                                                                                                                                                                   |                             |
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| SEQUENCES                                                                                                                                                                                                         |                             |
| ALL JOISTS U.N.O. TO RECEIVE PRIMER                                                                                                                                                                               |                             |
|  <b>NUCOR</b> <br><b>VULCRAFT GROUP</b> |                             |
| DOCUMENT PREPARED IN THE USA<br>PH.# (256)845-2460<br>7205 GAULT AVENUE NORTH<br>FORT PAYNE, AL 35967                                                                                                             |                             |
| FAX# (256)845-2139<br>P.O. BOX 680169<br>FORT PAYNE, AL 35968                                                                                                                                                     |                             |
|                                                                                                                              |                             |
| PRINTS                                                                                                                                                                                                            | FOR                         |
| APV 5                                                                                                                                                                                                             | AT ST LOUIS, MO - USA       |
|                                                                                                                                                                                                                   | JOB WEBSTER ISD             |
|                                                                                                                                                                                                                   | AT WEBSTER GROVES, MO - USA |
| DRAWN BY                                                                                                                                                                                                          | WAYNE BROGDON DATE 4/18/16  |
| CK'D BY                                                                                                                                                                                                           | DATE                        |
| No.                                                                                                                                                                                                               | REVISIONS                   |
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| FILE No.                                                                                                                                                                                                          | 048-16-4022                 |
| DRWG No.                                                                                                                                                                                                          | D1                          |
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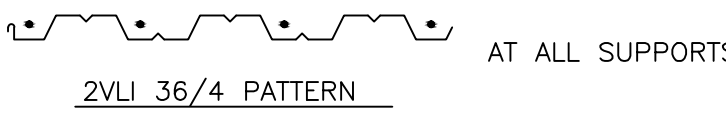
PARTIAL LEVEL 2 FLOOR DECKING PLAN

REFERENCED S0102  
DATED: 01/29/2016

500 - SCREWS  
Marked: S6  
15 - COLUMN CLOSURES  
Marked: CL1

VULCRAFT STEEL FLOOR DECK \*\* NOTE DK2 \*\*  
TYPE = 2VLI GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G90 GALVANIZED SHEET  
36 INCH NET LAY  
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS S6-#10-3/4")  
FASTEN PERIMETER EDGES OF DECK AT 12 INCHES C/C (5/8 WELD OR EQUIV.)  
END LAPS OCCUR AT SUPPORTS ONLY  
MINIMUM LAP = 0 INCHES

\* SPECIAL INSTRUCTION \*  
PRODUCTION NOTES:  
SHIFT COIL FOR SIDE LAP SCREWS

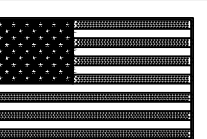


PLEASE VERIFY  
SHOULD DECK ON  
THIS SHEET BE  
[X] G90  
[ ] G60

G90 @ GREEN ROOF  
& PAVER ROOFS

NOTE:  
SEE SHEET DS1 FOR SECTIONS,  
DETAILS & ADDITIONAL NOTES.

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| SEQUENCES                                                                                                                                                                                                         |                             |
| ALL JOISTS U.N.O. TO RECEIVE PRIMER                                                                                                                                                                               |                             |
|  <b>NUCOR</b> <br><b>VULCRAFT GROUP</b> |                             |
| DOCUMENT PREPARED IN THE USA<br>PH# (256)845-2460<br>7205 GAULT AVENUE NORTH<br>FORT PAYNE, AL 35967                                                                                                              |                             |
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|                                                                                                                              |                             |
| PRINTS                                                                                                                                                                                                            | FOR                         |
| APV 5                                                                                                                                                                                                             | AT ST LOUIS, MO - USA       |
|                                                                                                                                                                                                                   | JOB WEBSTER ISD             |
|                                                                                                                                                                                                                   | AT WEBSTER GROVES, MO - USA |
| DRAWN BY                                                                                                                                                                                                          | WAYNE BROGDON               |
| CK'D BY                                                                                                                                                                                                           | DATE                        |
| No.                                                                                                                                                                                                               | REVISIONS                   |
| DATE                                                                                                                                                                                                              |                             |
| FILE No.                                                                                                                                                                                                          | 048-16-4022                 |
| DRWG No.                                                                                                                                                                                                          | D2                          |
| OF                                                                                                                                                                                                                | 0                           |

G90 ON DECK AT  
PAVER ROOF

G90 ONDECK AT  
PAVER ROOF

PARTIAL LEVEL 2 FLOOR DECKING PLAN

REFERENCED S0103  
DATED: 01/29/2016

20 - CELL CLOSURES  
Marked: CC2  
100 - COLUMN CLOSURES  
Marked: CL1  
2000 - SCREWS  
Marked: S6

VULCRAFT STEEL FLOOR DECK \*\* NOTE DK1 \*\*  
TYPE = 2VLJ GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G60 GALVANIZED SHEET  
36 INCH NET LAY  
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS S6-#10-3/4")  
FASTEN PERIMETER EDGES OF DECK AT 12 INCHES C/C (5/8 WELD OR EQUIV.)  
END LAPS OCCUR AT SUPPORTS ONLY  
MINIMUM LAP = 0 INCHES

\* SPECIAL INSTRUCTION \*  
PRODUCTION NOTES:  
SHIFT COIL FOR SIDELAP SCREWS

2VLJ 36/4 PATTERN

AT ALL SUPPORTS

VULCRAFT STEEL FLOOR DECK \*\* NOTE DK2 \*\*  
TYPE = 2VLJ GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G90 GALVANIZED SHEET  
36 INCH NET LAY  
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS S6-#10-3/4")  
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MINIMUM LAP = 0 INCHES

\* SPECIAL INSTRUCTION \*  
PRODUCTION NOTES:  
SHIFT COIL FOR SIDE LAP SCREWS

2VLJ 36/4 PATTERN

AT ALL SUPPORTS

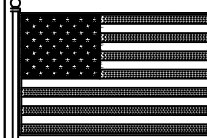
PLEASE VERIFY  
SHOULD DECK AT  
THIS AREA BE  
[ ] G90  
[ ] G60

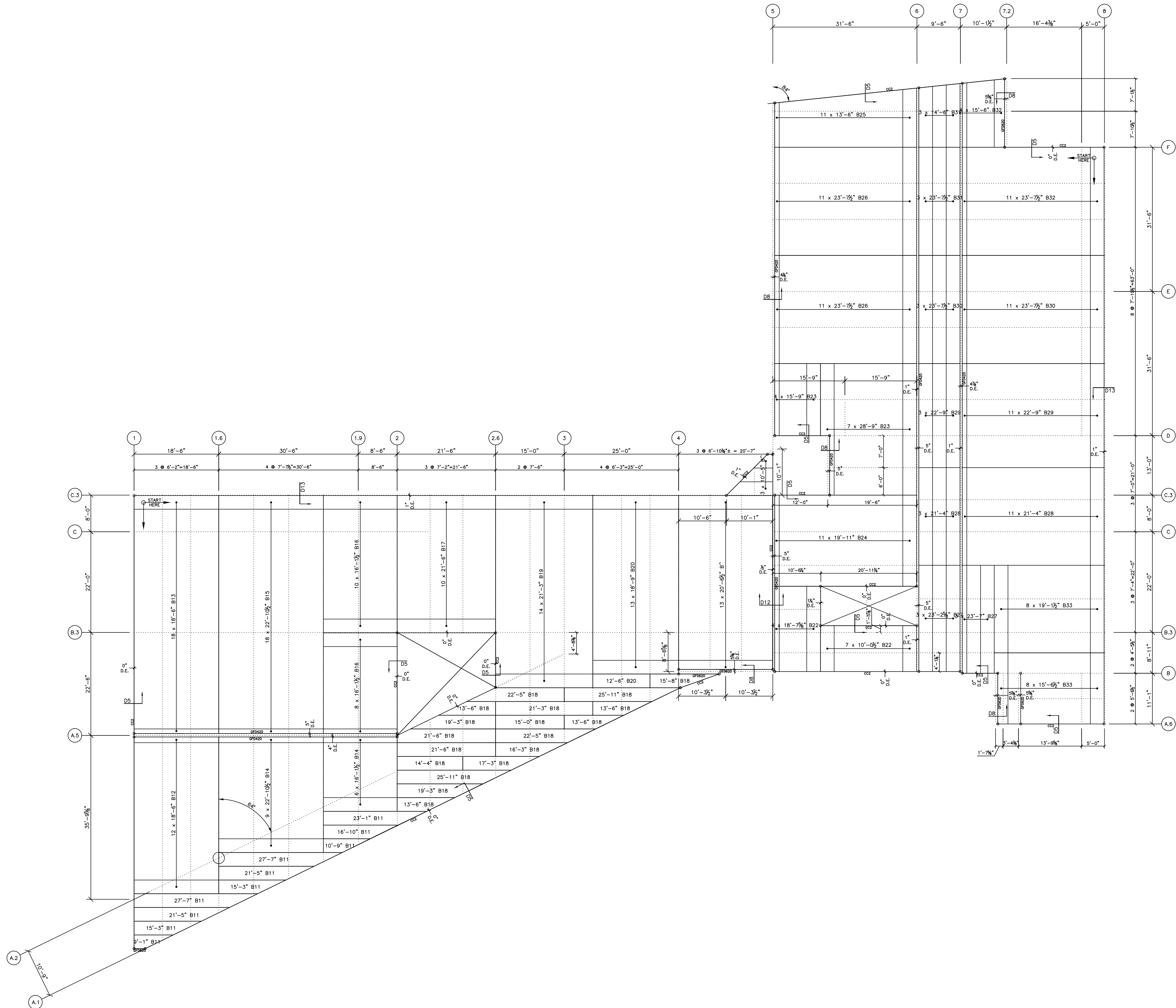
GENERAL CONTRACTOR  
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April 28, 2016

NOTE:  
SEE SHEET DS1 FOR SECTIONS,  
DETAILS & ADDITIONAL NOTES.

|                                                                                                                                                                                                                                                                   |                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| SEQUENCES                                                                                                                                                                                                                                                         |                             |
| ALL JOISTS U.N.O. TO RECEIVE PRIMER                                                                                                                                                                                                                               |                             |
|    |                             |
| DOCUMENT PREPARED IN THE USA                                                                                                                                                                                                                                      |                             |
| PH.# (256)845-2460 FAX# (256)845-2139<br>7205 GAULT AVENUE NORTH P.O. BOX 680169<br>FORT PAYNE, AL 35967 FORT PAYNE, AL 35968                                                                                                                                     |                             |
|                                                                                                                                                                              |                             |
| PRINTS                                                                                                                                                                                                                                                            | FOR                         |
| APV 5                                                                                                                                                                                                                                                             | AT ST LOUIS, MO - USA       |
|                                                                                                                                                                                                                                                                   | JOB WEBSTER ISD             |
|                                                                                                                                                                                                                                                                   | AT WEBSTER GROVES, MO - USA |
| DRAWN BY                                                                                                                                                                                                                                                          | WAYNE BROGDON               |
| CK'D BY                                                                                                                                                                                                                                                           |                             |
| DATE                                                                                                                                                                                                                                                              | 4/19/16                     |
| No.                                                                                                                                                                                                                                                               | REVISIONS                   |
|                                                                                                                                                                                                                                                                   | DATE                        |
| FILE No.                                                                                                                                                                                                                                                          | 048-16-4022                 |
| DRWG No.                                                                                                                                                                                                                                                          | D3                          |
| OF                                                                                                                                                                                                                                                                | 0                           |



NOTE:  
SEE SHEET DS1 FOR SECTIONS,  
DETAILS & ADDITIONAL NOTES.

LEVEL 3 FLOOR DECKING PLAN

REFERENCED S0104  
DATED: 02/01/2016

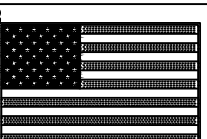
85 - COLUMN CLOSURES  
Marked: CL1  
1800 - SCREWS  
Marked: S6

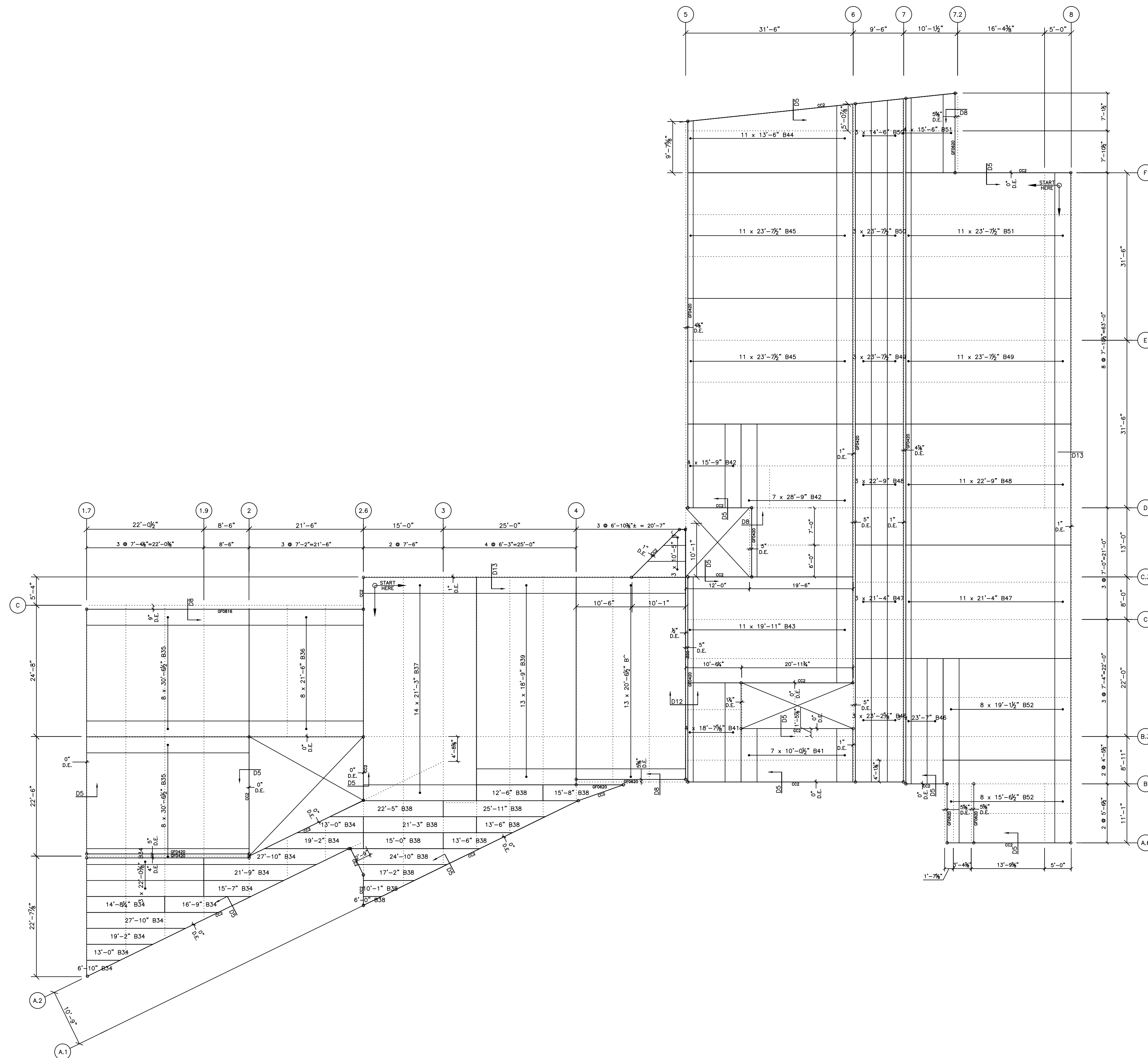
VULCRAFT STEEL FLOOR DECK \*\* NOTE DK1 \*\*  
TYPE = ZVL GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G60 GALVANIZED SHEET  
36 INCH NET LAY  
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS S6-#10-3/4")  
FASTEN PERIMETER EDGES OF DECK AT 12 INCHES C/C (5/8 WELD OR EQUIV.)  
END LAPS OCCUR AT SUPPORTS ONLY  
MINIMUM LAP = 0 INCHES

\* SPECIAL INSTRUCTION \*  
PRODUCTION NOTES:  
SHIFT COIL FOR SIDELAP SCREWS

ZVL 36/4 PATTERN AT ALL SUPPORTS

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|------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| SEQUENCES                                                                                                                    |                             |
| ALL JOISTS U.N.O. TO RECEIVE PRIMER                                                                                          |                             |
|  <b>NUCOR</b><br>VULCRAFT GROUP         |                             |
| DOCUMENT PREPARED IN THE USA                                                                                                 |                             |
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|                                         |                             |
| PRINTS                                                                                                                       | FOR                         |
| APV 5                                                                                                                        | AT ST LOUIS, MO - USA       |
|                                                                                                                              | JOB WEBSTER ISD             |
|                                                                                                                              | AT WEBSTER GROVES, MO - USA |
| DRAWN BY                                                                                                                     | WAYNE BROGDON               |
| CK'D BY                                                                                                                      | DATE 4/20/16                |
| No.                                                                                                                          | REVISIONS                   |
|                                                                                                                              | DATE                        |
| FILE No.                                                                                                                     | 048-16-4022                 |
| DRWG No.                                                                                                                     | D4                          |
| OF                                                                                                                           | 0                           |



LEVEL 4 FLOOR DECKING PLAN

REFERENCED S0105  
DATED: 01/29/2016

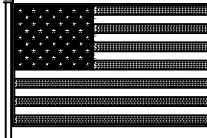
70 - COLUMN CLOSURES  
Marked: CL1  
1500 - SCREWS  
Marked: S6

VULCRAFT STEEL FLOOR DECK \*\* NOTE DK1 \*\*  
TYPE = 2VLI GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G60 GALVANIZED SHEET  
36 INCH NET LAY  
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS, S6-#10-3/4")  
FASTEN PERIMETER EDGES OF DECK AT 12 INCHES C/C (5/8 WELD OR EQUIV.)  
END LAPS OCCUR AT SUPPORTS ONLY  
MINIMUM LAP = 0 INCHES

\* SPECIAL INSTRUCTION \*  
PRODUCTION NOTES:  
SHIFT COIL FOR SIDELAP SCREWS

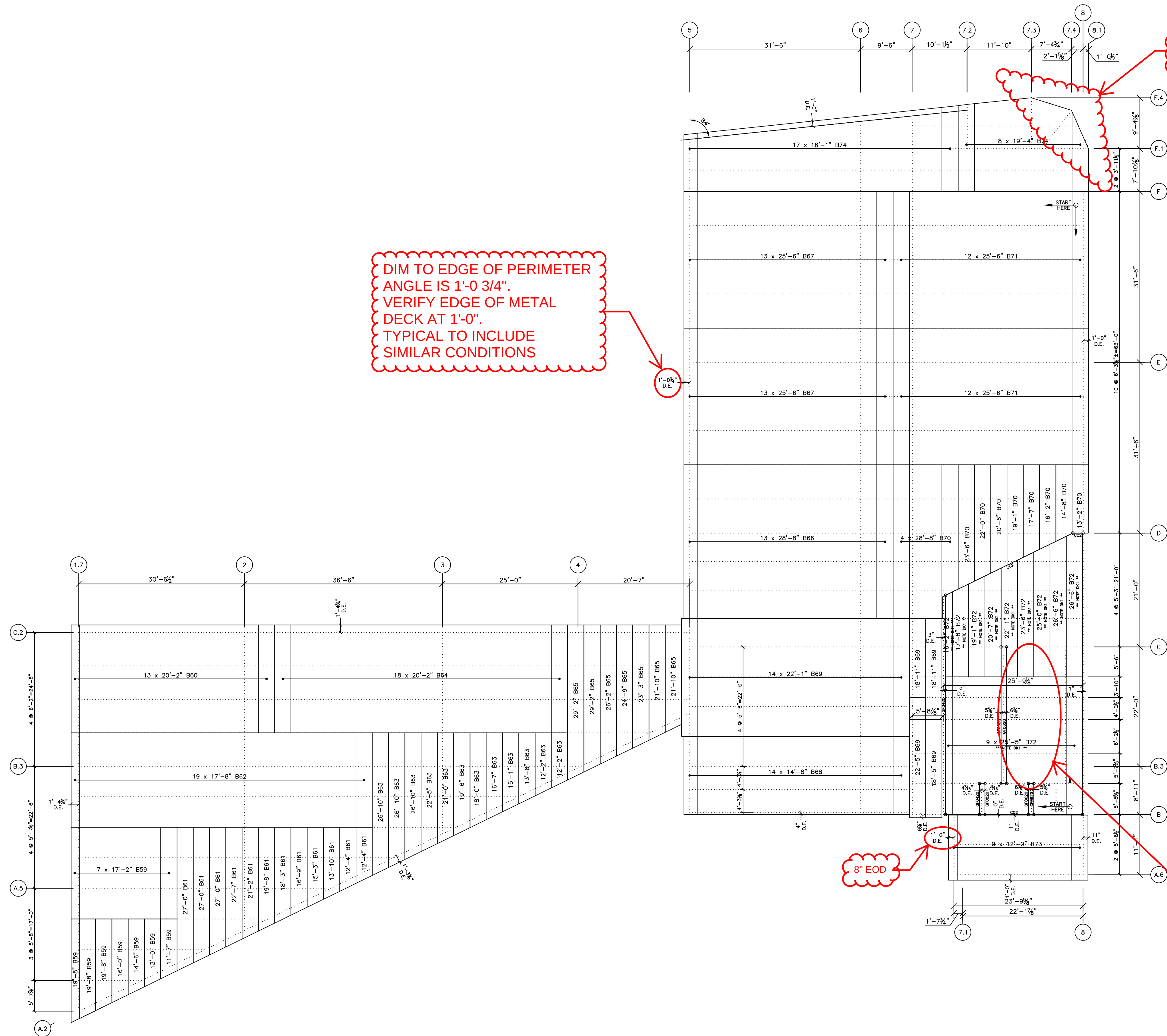
2VLI 36/4 PATTERN AT ALL SUPPORTS

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April 28, 2016

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|------------------|
| SEQUENCES                                                                                                                                                                   |                             |                  |
| ALL JOISTS U.N.O. TO RECEIVE PRIMER                                                                                                                                         |                             |                  |
|  <b>NUCOR</b><br>VULCRAFT GROUP                                                        |                             |                  |
| PH# (256)845-2460 FAX# (256)845-2139<br>7205 GAULT AVENUE NORTH P.O. BOX 680169<br>FORT PAYNE, AL 35967 FORT PAYNE, AL 35968                                                |                             |                  |
|   |                             |                  |
| PRINTS                                                                                                                                                                      | FOR                         |                  |
| APV 5                                                                                                                                                                       | AT ST LOUIS, MO - USA       |                  |
|                                                                                                                                                                             | JOB WEBSTER ISD             |                  |
|                                                                                                                                                                             | AT WEBSTER GROVES, MO - USA |                  |
| DRAWN BY                                                                                                                                                                    | WAYNE BROGDON DATE 4/20/16  |                  |
| CK'D BY                                                                                                                                                                     | DATE                        |                  |
| No.                                                                                                                                                                         | REVISIONS                   | DATE             |
|                                                                                                                                                                             |                             |                  |
| FILE No.                                                                                                                                                                    | 048-16-4022                 | DRWG No. D5 OF 0 |

NOTE:  
SEE SHEET DS1 FOR SECTIONS,  
DETAILS & ADDITIONAL NOTES.





VERIFY - FIELD CUT  
RADIUS PER PLAN

DIM TO EDGE OF PERIMETER  
ANGLE IS 1'-0 3/4\"/>

G90 PER  
SPECIFICATIONS

LEVEL 5 ROOF DECKING PLAN

REFERENCED S0107  
DATED: 02/02/2016  
6000 - SCREWS  
Marked: S6  
VULCRAFT STEEL ROOF DECK \*\* NOTE DK3 \*\*  
TYPE = 1.5B GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G60 GALVANIZED SHEET  
36 INCH NET LAY  
FASTEN USING 36/7 PATTERN AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN USING 36/7 PATTERN AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 5 PLACE(S) PER SPAN EQUALLY SPACED (SCREWS S6-#10-3/4\")  
FASTEN PERIMETER EDGES OF DECK AT 6 INCHES C/C (5/8 WELD OR EQUIV.)  
END LAPS OCCUR AT SUPPORTS ONLY  
MINIMUM LAP = 3 INCHES

1.5B 36/7 PATTERN AT ALL SUPPORTS

VULCRAFT STEEL FLOOR DECK \*\* NOTE DK1 \*\*  
TYPE = 2VL GAGE = 18  
SHOP PRIMER(TOP/BOTTOM) = NONE/NONE ON G60 GALVANIZED SHEET  
36 INCH NET LAY  
FASTEN 12 INCHES C/C AT END LAPS (5/8 WELD OR EQUIV.)  
FASTEN 12 INCHES C/C AT INTERMEDIATE SUPPORTS (5/8 WELD OR EQUIV.)  
FASTEN SIDE LAPS AT 36 INCHES C/C (SCREWS S6-#10-3/4\")  
FASTEN PERIMETER EDGES OF DECK AT 12 INCHES C/C (5/8 WELD OR EQUIV.)  
END LAPS OCCUR AT SUPPORTS ONLY  
MINIMUM LAP = 0 INCHES

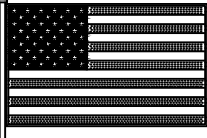
SPECIAL INSTRUCTION  
PRODUCTION NOTES:  
SHIFT COIL FOR SIDELAP SCREWS

2VL 36/4 PATTERN AT ALL SUPPORTS

GENERAL CONTRACTOR  
FOR APPROVAL ONLY

NOT FOR FIELD USE  
VERIFICATION OF DIMENSIONS, DETAILS,  
ETC., ARE REQUESTED WHERE INDICATED.  
MATERIAL WILL NOT BE RELEASED FOR  
FABRICATION WITHOUT EACH VERIFICATION  
ADDRESSED.

April 28, 2016

|                                                                                                                                                                             |                             |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------|
| SEQUENCES                                                                                                                                                                   |                             |
| ALL JOISTS U.N.O. TO RECEIVE PRIMER                                                                                                                                         |                             |
|   |                             |
| DOCUMENT PREPARED IN THE USA                                                                                                                                                |                             |
| PH# (256)845-2460 FAX# (256)845-2139<br>7205 GAULT AVENUE NORTH P.O. BOX 680169<br>FORT PAYNE, AL 35967 FORT PAYNE, AL 35968                                                |                             |
|                                                                                        |                             |
| PRINTS                                                                                                                                                                      | FOR                         |
| APV 5                                                                                                                                                                       | AT ST LOUIS, MO - USA       |
|                                                                                                                                                                             | JOB WEBSTER ISD             |
|                                                                                                                                                                             | AT WEBSTER GROVES, MO - USA |
| DRAWN BY                                                                                                                                                                    | WAYNE BROGDON               |
| CK'D BY                                                                                                                                                                     |                             |
| DATE                                                                                                                                                                        | 4/21/16                     |
| No.                                                                                                                                                                         | REVISIONS                   |
|                                                                                                                                                                             |                             |
| FILE No.                                                                                                                                                                    | 048-16-4022                 |
| DRWG No.                                                                                                                                                                    | D7                          |
| OF                                                                                                                                                                          | 0                           |





77 Westport Plaza  
Suite 250  
St. Louis, MO 63146

**TRANSMITTAL**

**No. 15051-0036**

*Paric Corporation*

**PROJECT:** Webster University Interdisciplinary Science Building

**DATE:** 05/12/2016

**TO:** Cannon Design  
1100 Clark Ave  
St Louis MO 63102

**RE:** Steel decking shop drawings

**ATTN:** Kelvin Patel

**JOB:** 15051

| WE ARE SENDING:                                   | SUBMITTED FOR:                               | ACTION TAKEN:                                             |
|---------------------------------------------------|----------------------------------------------|-----------------------------------------------------------|
| <input checked="" type="checkbox"/> Shop Drawings | <input checked="" type="checkbox"/> Approval | <input checked="" type="checkbox"/> Approved as Submitted |
| <input type="checkbox"/> Letter                   | <input type="checkbox"/> Your Use            | <input type="checkbox"/> Approved as Noted                |
| <input type="checkbox"/> Prints                   | <input type="checkbox"/> As Requested        | <input type="checkbox"/> Returned After Loan              |
| <input type="checkbox"/> Change Order             | <input type="checkbox"/> Review and Comment  | <input type="checkbox"/> Resubmit                         |
| <input type="checkbox"/> Plans                    |                                              | <input type="checkbox"/> Submit                           |
| <input type="checkbox"/> Samples                  | <b>SENT VIA:</b>                             | <input type="checkbox"/> Returned                         |
| <input type="checkbox"/> Specifications           | <input type="checkbox"/> Attached            | <input type="checkbox"/> Returned for Corrections         |
| <input type="checkbox"/> Other:                   | <input type="checkbox"/> Separate Cover Via: | <input checked="" type="checkbox"/> Due Date: 04/06/2016  |

| Item      | Package | Code      | Rev. | Copies | Date       | Description                 | Status |
|-----------|---------|-----------|------|--------|------------|-----------------------------|--------|
| Submittal |         | 053100-02 | 1    |        | 05/12/2016 | Steel decking shop drawings | Open   |

**NOTES:**

**CC:**

**Signed:** \_\_\_\_\_  
Devin Gates