



ADDENDUM NO. 2

Date: 9 April 2018

Project No.: 1730

Project Name: Burn Building for City of LaGrange

The Bidding Documents are modified as follows:

PART 1.00 DRAWINGS

1.01 SHEET 4-1:

- A. See updated SHEET A4-1 attached hereto as ADD2-1A.

PART 2.00 PROJECT MANUAL

2.01 SECTION B - PROPOSAL FORM (REVISION NO 2):

- A. See attached revised Proposal Form with new Add. Alt. No. 6. New pages B-1 thru B-5.

PART 3.00 ADDENDA

NO ITEMS INCLUDED

PART 4.00 APPROVED MANUFACTURERS

NO ITEMS INCLUDED

PART 5.00 ATTACHMENTS

5.01 SECTION B - PROPOSAL FORM (REVISION NO 2)

- A. Revised PAGES B-1 thru B-5 attached here to.

5.02 LOAD CALCULATION SUMMARY FOR TOWER FOOTINGS DESIGN

- A. See DRAWINGS ADD2-2A thru ADD2-6A attached here to.

PART 6.00 GENERAL CLARIFICATIONS

NO ITEMS INCLUDED

END OF ADDENDUM NO. 2

SECTION B - PROPOSAL FORM (REVISION NO. 2 - 9 APR 2018)

12 April 2018

Project No. 1730 - Burn Building for LaGrange Fire Department

INVITED BIDDERS:

B-01

Having carefully examined the drawings entitled "Burn Building for LaGrange Fire Department" and numbered _____ and all dated 26 FEB 2018 and Addendum No. _____ as well as the premises and conditions affecting the work, the undersigned purposes to furnish all services, labor, and material called for by them for the entire work in accordance with said document for the TOTAL SUM OF _____ DOLLARS (\$ _____)

B-02

The undersigned further purposes that, should any of the following alternatives be accepted and be incorporated in the Contract, the TOTAL SUM will be altered in each case as follows:

2.1 Deductive Alternatives: No Items Included

2.2 Additive Alternates:

2.2.1 Add. Alt. No. 1: Provide & install Scout Temperature Monitoring System in all burn rooms shown on the plan.
\$ _____

2.2.2 Add. Alt. No. 2: Design based on Westec Insulation System to be installed with 2" insulation blanket on walls and ceiling and minimum of 1" insulation planet on doors and windows. See specifications on drawings. Floors of burn rooms to have 2" insulation blanket with framing system with 1/4" checkered plate sill floor. See drawings for burn rooms to receive Westec Insulation

System on walls, ceiling, floors, doors, and windows.
Insulated windows to be 1/2" plates on both sides.

\$ _____

2.2.3 Add. Alt. No. 3: Provide 2"x48"x24" mineral wool high temperature insulation, density #8, green, 1200°F (design based on Roxul insulation). Provide & install on all walls, ceilings, floors, doors, and windows in all burn rooms designated on the drawings. Cover with 1/4" plate steel panels, screwed to framing to minimize buckling. Insulated windows to be 1/2" plates on both sides.

\$ _____

2.2.4 Add. Alt. No. 4: Provide 0.82"x5.5" composite deck boards surface screwed to P.T. 2x8's @ 16 o.c. on steel frame for rappelling surface. P.T. 2x8 framing and composite deck boards. Purchase & installation. See drawings.

\$ _____

2.2.5 Add. Alt. No. 5: Paint all exposed structural steel and exterior of all exposed to view portions of containers with paint as described in SECTION 09900, PART 3.02, E, b.

\$ _____

2.2.6 Add. Alt. No. 6: To provide and install structural steel rappelling and stair tower as detailed in the drawings. The foundation system for the tower is also part of this alternate.

\$ _____

*Successful Bidder will be determined by adding Base Bid, Add. Alt. No. 1, Add. Alt. No. 3, and Add. Alt. No. 6.

B-03

For and in consideration of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, the undersigned agrees that this proposal may not be revoked, or withdrawn for a period of sixty (60) days from and including the date of the Bid Opening.

B-04

The undersigned agrees to execute a contract (AIA Document A101) no later than ten (10) days from and including date of notification of acceptance of this proposal in writing, by mail, telegraph, facsimile transmission, or delivery.

B-05

The undersigned agrees to commence actual physical work on the site with an adequate force and equipment within ten (10) days from and including a date to be specified in written order of the Owner and be substantially complete in one-hundred and twenty (120) consecutive calendar days (See documents for phasing).

B-06

Enclosed herewith is a Bid Bond* in an amount of _____

_____ Dollars (\$ _____) being not less than 5% of the BASE BID.

The undersigned agrees that the above-stated amount is the proper measure of liquidated damages which the Owner will sustain by failure of the undersigned to execute the Contract and to furnish the Performance Bond and the Labor & Material Payment Bond in case this proposal is accepted and further agrees to the following.

***Certified or Cashier's Check not acceptable**

B-07

If this proposal is accepted within sixty (60) days from and including the date of the Bid Opening and the undersigned fails to execute the Contract within ten (10) days from and including date of notice of such acceptance, or, if he fails to furnish with Performance Bond and Labor & Material Payment Bond, the obligation of the Bid Bond will remain in full force and effect, and the money payable therefore shall be paid the Owner as liquidated damage for such failure; otherwise the obligation of the Bid Bond will be null and void.

Respectfully submitted,

Name: _____

Address: _____

By: _____

Title: _____

The full names and addresses of persons and firms interested in the forgoing bids as principals are as follows:

Legal Name of Bidder: _____

Concrete Subcontractor: _____

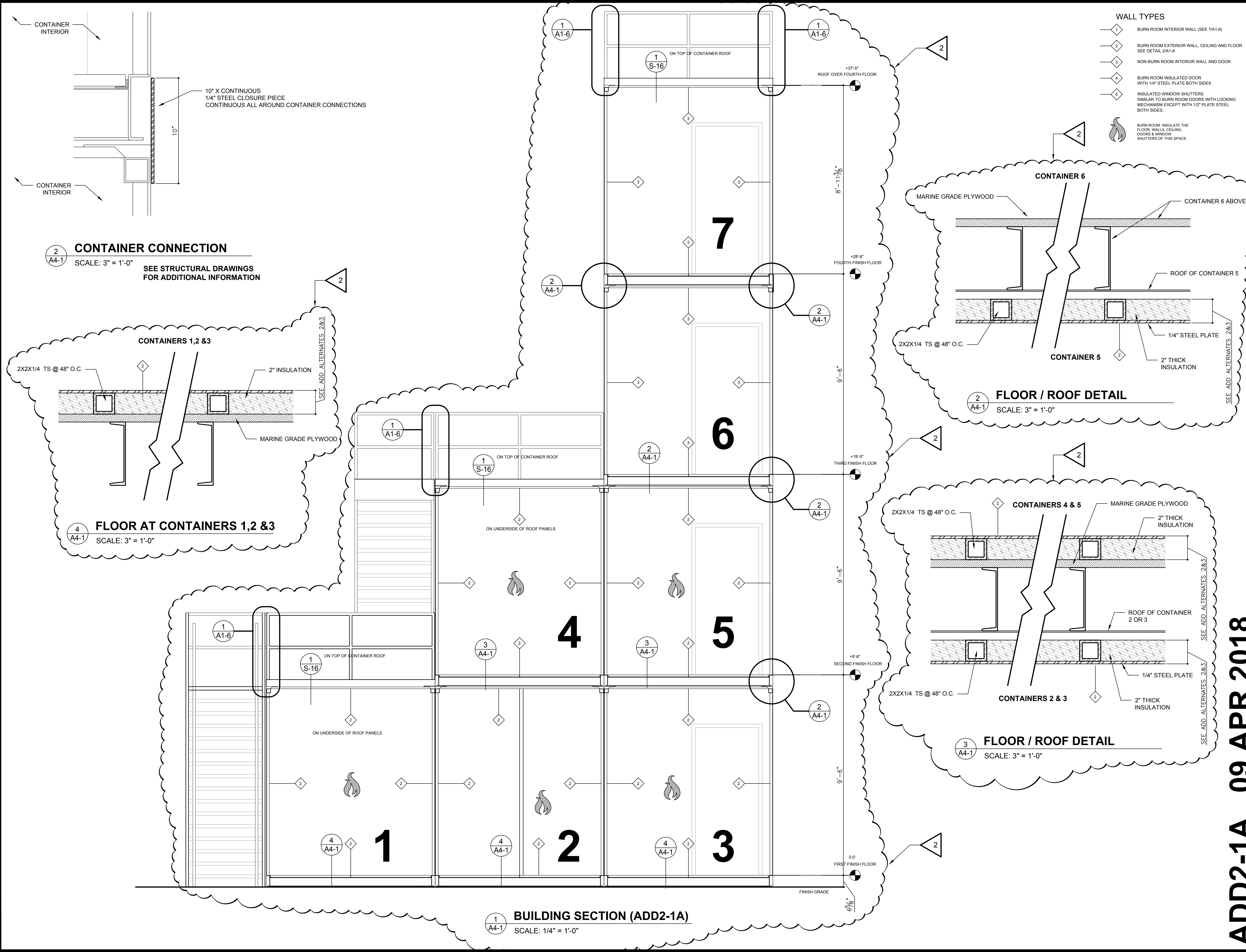
Painting Subcontractor: _____

Steel Installer: _____

Note: The Bid Form will not be accepted without the following breakdown of the Base Bid.

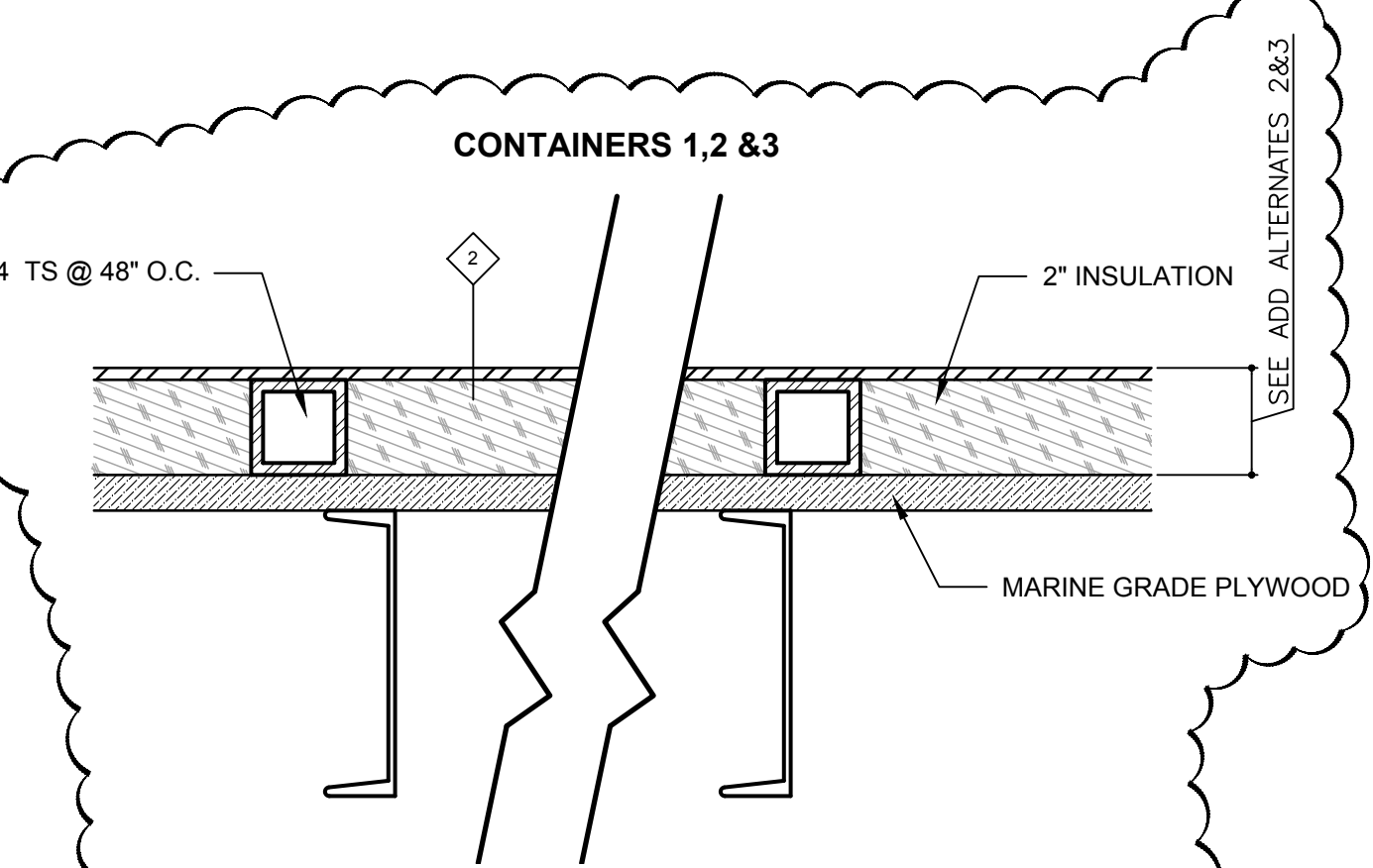
| | |
|--|--------------------|
| Division 1 - General Requirements | \$ _____ |
| Division 2 - Demolition | \$ _____ |
| Division 3 - Concrete | \$ _____ |
| Division 4 - Masonry | \$ _____ NIC _____ |
| Division 5 - Metals | \$ _____ |
| Division 6 - Wood & Plastic | \$ _____ |
| Division 7 - Thermal & Moisture Protection | \$ _____ NIC _____ |
| Division 8 - Doors & Windows | \$ _____ |
| Division 9 - Finishes (Painting) | \$ _____ |
| Division 10 - Specialties | \$ _____ |
| Division 11 - Equipment | \$ _____ NIC _____ |
| Division 12 - Furnishings | \$ _____ NIC _____ |
| Division 13 - Shipping Containers (Material & Delivery) | \$ _____ |
| Division 14 - Conveying Systems | \$ _____ NIC _____ |
| Division 15 - Mechanical | \$ _____ NIC _____ |
| Division 16 - Electrical | \$ _____ NIC _____ |
| BASE BID TOTAL | \$ _____ |

END OF SECTION B - PROPOSAL FORM (Revision No. 2)

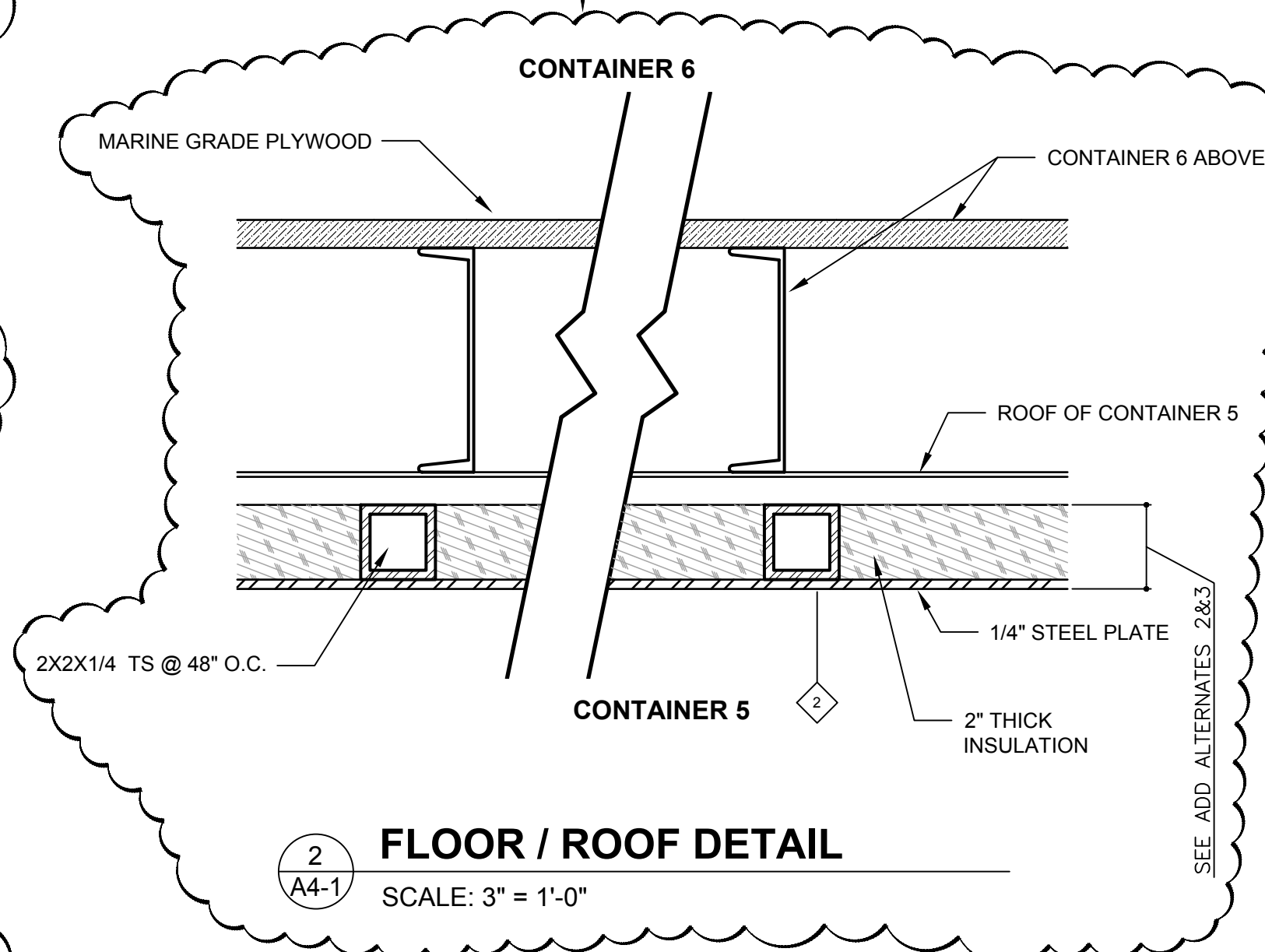


- WALL TYPES**
- 1 BURN ROOM INTERIOR WALL (SEE 7/A1-6)
 - 2 BURN ROOM EXTERIOR WALL, CEILING AND FLOOR SEE DETAIL 2/A1-8
 - 3 NON-BURN ROOM INTERIOR WALL AND DOOR
 - 4 BURN ROOM INSULATED DOOR WITH 1/4" STEEL PLATE BOTH SIDES
 - 5 INSULATED WINDOW SHUTTERS SIMILAR TO BURN ROOM DOORS WITH LOCKING MECHANISM EXCEPT WITH 1/2" PLATE STEEL BOTH SIDES.
 - 6 BURN ROOM: INSULATE THE FLOOR, WALLS, CEILING, DOORS & WINDOW SHUTTERS OF THIS SPACE.

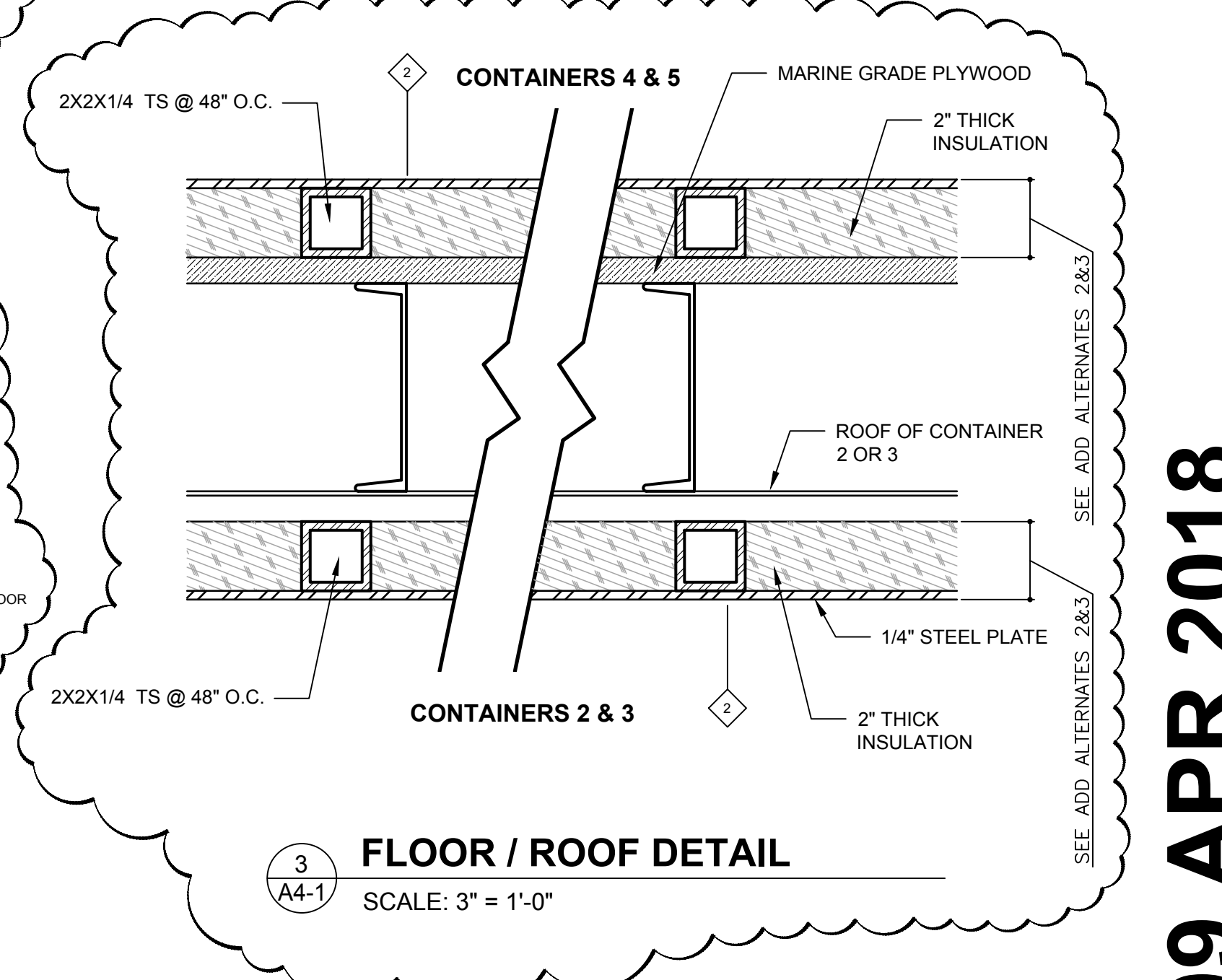
2 CONTAINER CONNECTION
 SCALE: 3" = 1'-0"
 SEE STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION



4 FLOOR AT CONTAINERS 1, 2 & 3
 SCALE: 3" = 1'-0"



2 FLOOR / ROOF DETAIL
 SCALE: 3" = 1'-0"



3 FLOOR / ROOF DETAIL
 SCALE: 3" = 1'-0"

1 BUILDING SECTION (ADD2-1A)
 SCALE: 1/4" = 1'-0"

SET NO:

ARCHITECT'S STAMP

SIGNATURE REQUIRED

| REVISIONS | |
|-------------|---------------|
| DATE | DESCRIPTION |
| 09 APR 2018 | ADDENDUM NO.2 |
| | |
| | |
| | |

SMITH DESIGN GROUP, INC.
 206 WEST HARALSON STREET
 LAGRANGE, GEORGIA 30240
 PH: 706-882-5511
 www.smithdesigngroup.net

PROJECT:
BURN BUILDING
 FOR
 CITY OF LAGRANGE FIRE DEPARTMENT
 LAGRANGE, GEORGIA

TITLE:
ADD2-1A
BUILDING SECTION

| | |
|---|--------------------------|
| MODIFIED DATE: 09 APR 2018 | JOB NO: 1730 |
| ISSUED DATE: FOR BIDDING 26 FEB 2018 | SHEET: A4-1(2) |

ADD2-1A 09 APR 2018

Simplified load summary

| REVISIONS | | | | |
|-----------|-----|-------------|------|----------|
| ZONE | REV | DESCRIPTION | DATE | APPROVED |
| | | | | |

Foundation and tower construction part of add Alt. No. 6

SOIL BORINGS

- SOIL BORINGS ARE REQUIRED FOR THE DESIGN OF EITHER DRILLED CONCRETE PIERS OR HELICAL PIERS.
- DESIGN LOADS ARE ATTACHED AND REFERENCED FOR THE POINTS NOTED.
- THE FOLLOWING INFORMATION IS REQUIRED FROM THE GEOTECHNICAL REPORT:
 - SOIL CLASSIFICATION
 - SHEAR STRENGTH (S_u)
 - ANGLE OF INTERNAL FRICTION (ϕ), "COHESION" - C (AS APPLICABLE)
 - UNIT WEIGHT OF SOIL, SATURATED AND DRY
 - BLOW COUNT (SPT)
- BORINGS SHALL BE TO A MINIMUM DEPTH OF 25 FEET.

POSITIVE VERTICAL REACTION DIRECTION



POSITIVE HORIZONTAL REACTION DIRECTIONS

RUNCON, INC
512 Grayson Pkwy
Grayson, GA 30017
georger@runcon.com
www.runcon.com
678-225-4900

FOUNDATION LOADS AND BORING LOCATIONS

Bum Building
LaGrange, GA

DESIGN: G. W. Randle

SIZE

FSCM NO.

DWG NO.

REV

DRAWN: G. W. Randle

SCALE: 1/2" = 1'

SHEET 1 of 1

ADD2-2A

09 APRIL 2018

Simplified load summary

| LaGrange Burn Building - Tower Reactions | | | | |
|---|-------------------|----------|----------|---|
| Unfactored Loads See drawing for location of nodes and direction of reactions | | | | |
| Node | Forces [Kip] | | | |
| | FX | FY | FZ | |
| Condition | NWx=Neg Wind In X | | | Wind Load Should be Multiplied By 0.6 To Obtain |
| 206 | 0.57286 | -21.4884 | -0.25673 | Service Load |
| 205 | 2.56929 | 22.65158 | 0.01691 | |
| 204 | 3.24168 | 10.16289 | -0.00142 | |
| 203 | 0.2211 | -10.1029 | 0.28729 | |
| 196 | 0.73287 | 19.3868 | 0.16105 | |
| 198 | 1.58107 | 32.73775 | -0.19716 | |
| 195 | 10.49646 | -42.3212 | 0.63163 | |
| 189 | 3.55421 | -12.1025 | -0.81298 | |
| 188 | 0.42811 | -24.6323 | -0.26377 | |
| 194 | 5.16308 | -11.0969 | 0.14276 | |
| 175 | 2.53857 | 28.94332 | 0.27304 | |
| 197 | 0.15925 | 7.86186 | 0.01937 | |
| SUM | 31.25852 | 0 | 0 | |
| Condition | NWz=Neg Wind In Z | | | Wind Load Should be Multiplied By 0.6 To Obtain |
| 206 | 0.06761 | 113.6141 | -10.9252 | Service Load |
| 205 | -0.33569 | 28.49276 | -0.93889 | |
| 204 | 0.11942 | -0.19398 | -0.0045 | |
| 203 | 0.07556 | 146.0365 | -11.0605 | |
| 196 | 0.13292 | -139.131 | -9.7969 | |
| 198 | 0.35989 | -4.17224 | -1.73517 | |
| 195 | 0.40695 | 21.88384 | -3.86945 | |
| 189 | 0.06277 | -137.115 | -7.82669 | |
| 188 | -0.05289 | 3.50491 | -2.42577 | |
| 194 | -0.90331 | -11.6119 | -5.72244 | |
| 175 | 0.06902 | -17.8518 | -2.34811 | |
| 197 | -0.00226 | -3.45676 | -1.60215 | |
| SUM | 0 | 0 | -58.2557 | |

ADD2-3A

09 APRIL 2018

Simplified load summary

| LaGrange Burn Building - Tower Reactions | | | | |
|---|--------------|----------|---------|--|
| Unfactored Loads See drawing for location of nodes and direction of reactions | | | | |
| Node | Forces [Kip] | | | |
| | FX | FY | FZ | |
| Condition EQx=Seismic in X | | | | |
| 206 | 0.03354 | 3.52418 | 0.54202 | |
| 205 | 0.42074 | 6.10562 | 0.0517 | |
| 204 | 0.54317 | 1.70286 | 0.01889 | |
| 203 | 0.03648 | 4.788 | 0.3989 | |
| 196 | 0.10358 | 4.72714 | 0.33763 | |
| 198 | 0.21569 | 5.21163 | 0.06449 | |
| 195 | 1.42029 | 6.58213 | 0.12079 | |
| 189 | 0.45544 | 7.74729 | 0.4364 | |
| 188 | 0.03703 | 4.77018 | 0.14099 | |
| 194 | 0.84622 | 2.21648 | 0.12326 | |
| 175 | 0.48907 | 5.23976 | 0.04174 | |
| 197 | 0.03122 | 1.53996 | 0.06161 | |
| SUM | 4.63245 | 54.15522 | 2.33842 | |
| Condition EQz=Seismic in Z | | | | |
| 206 | 0.0139 | 12.09846 | 0.91559 | |
| 205 | 0.24157 | 2.59344 | 0.14704 | |
| 204 | 0.27419 | 0.90469 | 0.06686 | |
| 203 | 0.0151 | 16.89524 | 1.0786 | |
| 196 | 0.03092 | 16.32784 | 0.8557 | |
| 198 | 0.06273 | 2.62225 | 0.14852 | |
| 195 | 0.49016 | 4.61854 | 0.34414 | |
| 189 | 0.16105 | 12.0961 | 0.54352 | |
| 188 | 0.00822 | 1.01939 | 0.18358 | |
| 194 | 0.14869 | 1.10581 | 0.49306 | |
| 175 | 0.01961 | 2.44161 | 0.20687 | |
| 197 | 0.00154 | 0.70593 | 0.14429 | |
| SUM | 1.46767 | 73.42931 | 5.12777 | |

ADD2-4A

09 APRIL 2018

Simplified load summary

| LaGrange Burn Building - Tower Reactions | | | | | | | |
|---|----------|--------------|----------|---|--|--|--|
| Unfactored Loads See drawing for location of nodes and direction of reactions | | | | | | | |
| | | Forces [Kip] | | | | | |
| Node | FX | FY | FZ | | | | |
| Condition Wx=Wind in X | | | | Wind Load Should be Multiplied By 0.6 To Obtain | | | |
| 206 | -0.1621 | 13.2079 | 0.39338 | Service Load | | | |
| 205 | -2.18239 | -13.9615 | 0.00267 | | | | |
| 204 | -2.70047 | -8.17737 | -0.00725 | | | | |
| 203 | -0.62583 | 8.11539 | -0.42107 | | | | |
| 196 | -1.00426 | -13.9994 | -0.30854 | | | | |
| 198 | -1.33176 | -23.5384 | 0.13521 | | | | |
| 195 | -8.19328 | 30.02186 | -0.48355 | | | | |
| 189 | -2.60192 | 9.04316 | 0.82318 | | | | |
| 188 | -0.15633 | 14.48153 | 0.26335 | | | | |
| 194 | -3.70899 | 6.93018 | -0.11919 | | | | |
| 175 | -1.89647 | -18.4942 | -0.22781 | | | | |
| 197 | -0.44716 | -3.62921 | -0.05037 | | | | |
| SUM | -25.011 | 0 | 0 | | | | |
| Condition Wz=Wind in Z | | | | Wind Load Should be Multiplied By 0.6 To Obtain | | | |
| 206 | -0.17013 | -147.381 | 16.16727 | Service Load | | | |
| 205 | -0.28717 | -50.4072 | 2.57331 | | | | |
| 204 | -1.05632 | 0.00409 | 1.0221 | | | | |
| 203 | -0.18844 | -170.837 | 13.68042 | | | | |
| 196 | -0.18017 | 170.2913 | 9.62448 | | | | |
| 198 | -0.47134 | 3.99991 | 1.9779 | | | | |
| 195 | -0.59049 | -25.151 | 5.07459 | | | | |
| 189 | -0.10957 | 190.1562 | 8.74863 | | | | |
| 188 | 0.11171 | -6.06182 | 3.2649 | | | | |
| 194 | 2.2164 | 16.92098 | 6.79387 | | | | |
| 175 | 0.71663 | 32.45713 | 2.56004 | | | | |
| 197 | 0.05819 | 0.97797 | 1.75629 | | | | |
| SUM | 0.0493 | 14.9693 | 73.2438 | | | | |

ADD2-5A

09 APRIL 2018

Simplified load summary

| LaGrange Burn Building - Tower Reactions | | | | | | | |
|---|----------|--------------|----------|--|--|--|--|
| Unfactored Loads See drawing for location of nodes and direction of reactions | | | | | | | |
| Node | FX | Forces [Kip] | | | | | |
| | | FY | FZ | | | | |
| Condition DL=Dead Load | | | | | | | |
| 206 | 0.00284 | 5.94147 | -0.00901 | | | | |
| 205 | -0.0246 | 6.35836 | -0.00247 | | | | |
| 204 | 0.03905 | 4.33308 | 0.00262 | | | | |
| 203 | 0.00312 | 3.73363 | -0.02881 | | | | |
| 196 | 0.01179 | 5.60066 | 0.00248 | | | | |
| 198 | 0.01248 | 5.91617 | -0.03799 | | | | |
| 195 | -0.01784 | 6.00657 | -0.06215 | | | | |
| 189 | -0.01409 | 8.15987 | 0.00715 | | | | |
| 188 | -0.00307 | 3.25849 | 0.00137 | | | | |
| 194 | -0.03958 | 6.81327 | 0.08394 | | | | |
| 175 | 0.03076 | 8.23942 | 0.0393 | | | | |
| 197 | -0.00085 | 6.4993 | 0.00367 | | | | |
| SUM | 0 | 70.86028 | 0.00011 | | | | |
| Condition LL=Live Load | | | | | | | |
| 206 | 0.00593 | 2.10126 | 0.01495 | | | | |
| 205 | 0.02674 | 1.34543 | -0.00293 | | | | |
| 204 | 0.03174 | 0.36645 | 0.00314 | | | | |
| 203 | 0.00659 | 3.72048 | -0.02557 | | | | |
| 196 | 0.04565 | 11.0383 | -0.04741 | | | | |
| 198 | 0.01865 | 13.6165 | -0.16651 | | | | |
| 195 | -0.05774 | 14.58978 | -0.26783 | | | | |
| 189 | -0.04071 | 11.90846 | -0.01839 | | | | |
| 188 | -0.01127 | 7.68191 | -0.00808 | | | | |
| 194 | -0.11838 | 13.96821 | 0.34053 | | | | |
| 175 | 0.08306 | 15.60192 | 0.17582 | | | | |
| 197 | 0.00975 | 7.05661 | 0.0023 | | | | |
| SUM | 0 | 102.9953 | 0 | | | | |

ADD2-6A

09 APRIL 2018