



DATE: January 6, 2020

FROM: Wight & Company
2500 N. Frontage Road
Darien, IL 60561

SUBJECT: ADDENDUM #6 TO THE BIDDING DOCUMENTS FOR:
BID GROUP #8
MASTER FACILITY PLAN IMPLEMENTATION
COMMUNITY HIGH SCHOOL DISTRICT 99
1436 NORFOLK STREET
DOWNERS GROVE, IL 60516

Wight & Company

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.....
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This addendum forms a part of the Bidding Contract Documents, dated November 20, 2019. Bidders must acknowledge receipt of this Addendum in the space provided on the Bid Form. Drawing revisions clouded and tagged throughout with delta 45.

SOUTH

I. Questions & Answer Log

II. Clarifications

III. Specifications

IV. Modified Drawings

STRUCTURAL

1. Sheet S2.5C-F AUDITORIUM AND FLY GALLERY ROOF LEVEL FRAMING PLAN -AREA F (**Full size sheet issued**)
 - a. Detail 4 added.

This addendum consists of: (3) Text Pages (0) Specification Sections and (1) Drawing Sheets.

END OF ADDENDUM



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Project Name: District 99 MFP Implementation DG South Phase C

Project Number: 180030

Date: January 6th, 2020

Bid Question/Answer Log No. 4

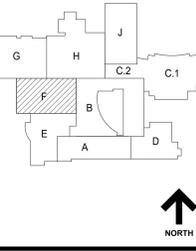
The following clarification information is provided in response to questions received in accordance with the bid documents for the following Bid Packages:

Bid Group: 8

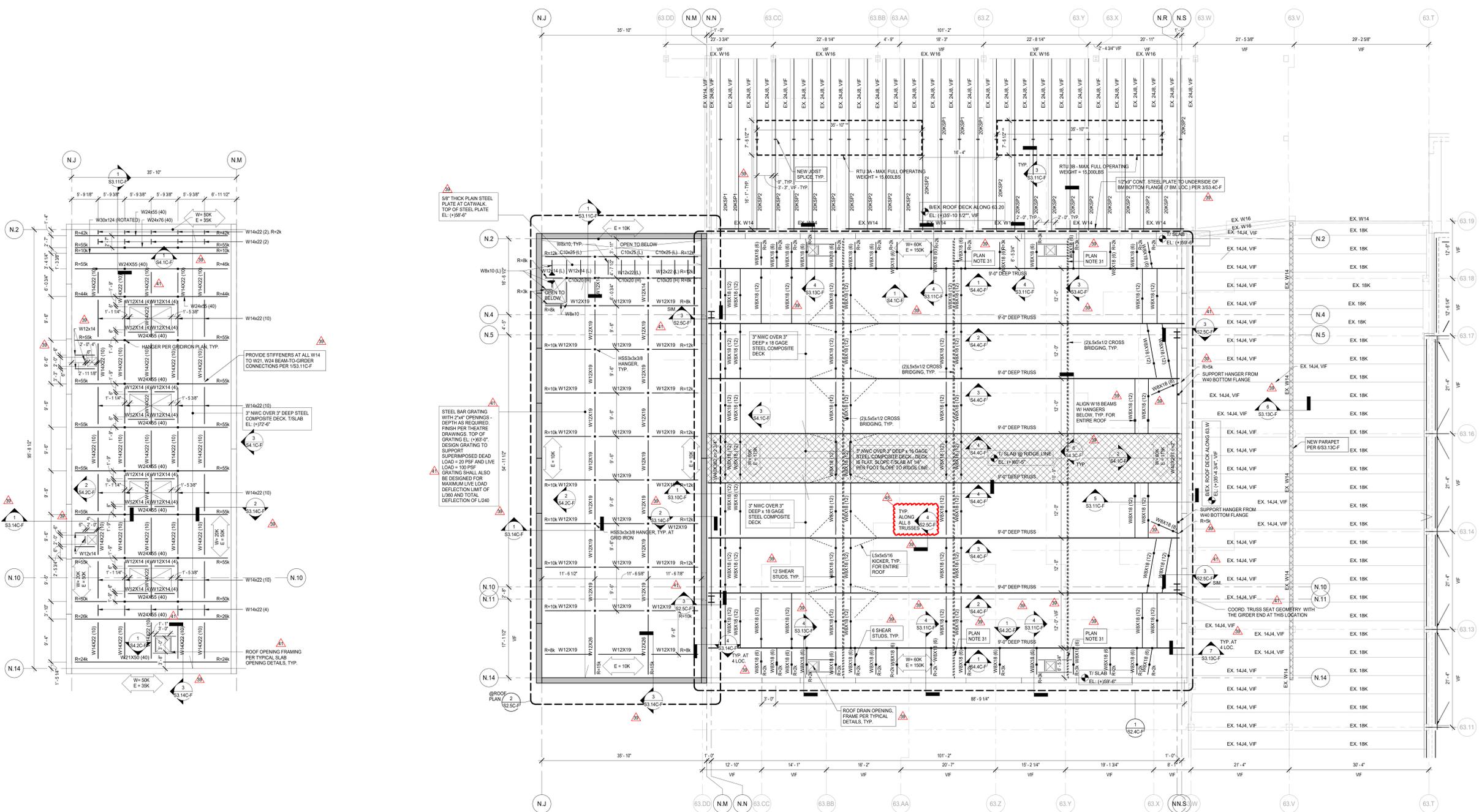
Bid Packages: 83 Structural Steel & Misc. Metals for Auditorium

#	Questions	Date	Answers	Date/By
1.	We are coming up with a little over 31,000 lbs per truss in chord weight alone (not including web members)	12/18/19	31,000# per truss chord translates to ~147lbs/ft for each chord weight, which is significantly more than what we have seen in our preliminary analysis. We had estimated truss weight to be at approximately 150-160lbs/ft. Wide flange shapes may be utilized for the top and bottom chords if that makes the truss design more efficient.	12/18/19 J.G.
2.	How much weight can the precaster's crane handle?	12/18/19	They have figured a 2250 series 3 crawler with 160' boom, which is good for 125,400 lbs at 75 radius.	1/6/19 I.E.
3.	From looking at the drawings it looks like the EOR was anticipating 115K reaction for the trusses?	12/18/19	Self-weight of the truss is not included in the truss end reactions noted on the elevations per delegated design note 8. Therefore, the self-weight of the truss needs to be accounted for as additional load to the specified end reactions.	12/18/19 J.G.
4.	Our engineer is thinking the lighter trusses could be around 120K but the heavier ones with more loading could be as high as 150K?	12/18/19	Once the final truss weight is known, the total end reactions needs to be coordinated with the precaster.	12/18/19 J.G.

5.	Regarding the point loads given for the trusses it is not clear if these are live load, dead load or both.	12/18/19	See end of the delegated design note 3. Point loads on the truss shall be separated into 60/40 dead-to-live load ratio.	12/18/19 J.G.
6.	These plans are extremely confusing by their number etc. The logistics/sequence plan doesn't have any column lines on it. Can you please confirm what column lines our scope is falling under? We want to make sure none of the steel we are picking up is to be in the Commons BP and vice versa.	1/6/19	The scope of work for the Auditorium Structural Steel Bid Package is everything west of Column Line 63.V.	1/6/19 A.P.



NOT FOR CONSTRUCTION

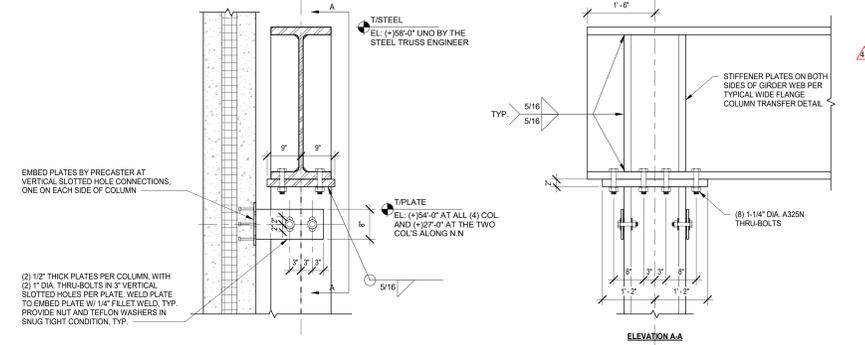


2 AREA F - FLY GALLERY ROOF FRAMING PLAN
SCALE: 1/8" = 1'-0"

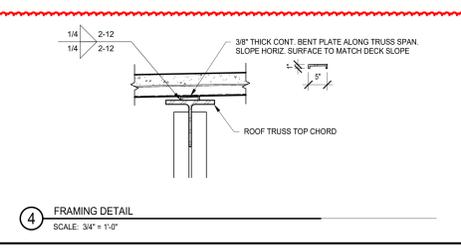
1 ROOF FRAMING PLAN - AREA F
SCALE: 1/8" = 1'-0"

- PLAN NOTES**
- SEE S0 SERIES DRAWINGS FOR GENERAL NOTES, ABBREVIATIONS, SYMBOLS AND LINTEL SCHEDULES.
 - SEE S1 SERIES DRAWINGS FOR TYPICAL SECTIONS AND DETAILS.
 - SEE S3 SERIES DRAWINGS FOR NON-TYPICAL SECTIONS AND DETAILS.
 - SEE S4 SERIES DRAWINGS FOR ELEVATIONS AND S5 SERIES FOR SCHEDULES.
 - CENTERLINE OF COLUMN IS ON GRIDLINE. TYPICAL UNLESS NOTED OTHERWISE.
 - SEE PLANS FOR COLUMN ORIENTATION AND COLUMN CENTERLINE TO GRIDLINE DIMENSIONS FOR OFFSET COLUMNS.
 - SEE PLANS FOR TOP OF ROUGH SLAB ELEVATION.
 - HA AS INDICATED ON PLAN INDICATES HIGHER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
 - LA AS INDICATED ON PLAN INDICATES LOWER BEAM OF FRAMING MEMBERS IN SAME VERTICAL PLANE.
 - SEE ARCHITECTURAL DRAWINGS FOR CURBS NOT INDICATED (SIZE AND LOCATION). SEE TYPICAL SECTIONS AND DETAILS FOR CURB REINFORCEMENT.
 - AT ELEVATED FLOOR LEVELS, FLOOR DECK SHALL BE 3" THICK LIGHTWEIGHT CONCRETE OVER 2" DEEP COMPOSITE STEEL FLOOR DECK UNLESS NOTED OTHERWISE. REINFORCE SLAB WITH 4.0 LBS/CU.YD. OF STRUX 6040 MACROSYNTHETIC FIBER REINFORCEMENT OR EQUIVALENT, TYP. UNO.
 - OTHERWISE, FLOOR DECK SHALL BE 4" NORMAL WEIGHT CONCRETE OVER 2" DEEP NON-COMPOSITE STEEL FLOOR DECK. REINFORCE SLAB WITH 6# W2 TW2 Y WELDED WIRE REINFORCEMENT. SUBSTITUTES ARE NOT PERMITTED FOR THE WELDED WIRE REINFORCEMENT.
 - SEE PLAN FOR BOTTOM OF STEEL DECK ELEVATIONS, UNLESS NOTED OTHERWISE.
 - STUDIO THEATRE ROOF, AUDITORIUM ROOF AND FLY GALLERY ROOF SHALL CONSIST OF FLOOR DECK OF 3" THICK NORMAL WEIGHT CONCRETE OVER 2" DEEP COMPOSITE STEEL FLOOR DECK. REINFORCE SLAB WITH 4.0 LBS/CU.YD. OF STRUX 6040 MACROSYNTHETIC FIBER REINFORCEMENT OR EQUIVALENT.
 - OTHERWISE, ROOF DECK SHALL BE 1 1/2" DEEP STEEL ROOF DECK.
 - PROVIDE A HANGER CONNECTION AT EACH W24 STUDY THEATRE ROOF BEAM FOR THE SUPPORT OF W16x18 RIGGING BEAM, TYP. AT ALL W16x18 RIGGING BEAMS. DESIGN HANGER CONNECTION FOR SERVICE LEVEL VERTICAL REACTION = 3 KIIPS.
 - PROVIDE L5x5x1/8 STEEL ANGLE OR BENT PLATE AT ROOF PERIMETER AND AT INTERIOR OPENINGS IN ACCORDANCE WITH TYPICAL DETAILS.
 - SEE S4 AC-F AND S4 SC-F FOR ROOF TRUSS AND SPECIAL DESIGN JOIST SCHEMATIC LOADINGS.
 - SUSPEND PIPE HANGERS AND OTHER MECHANICAL EQUIPMENT FROM DESIGNATED OR APPROVED STEEL JOISTS. LOCATE CONCENTRATED LOADS AT JOIST PANEL POINTS ONLY OR REINFORCE STEEL JOISTS IN ACCORDANCE WITH TYPICAL SECTIONS AND DETAILS.
 - PLACE SUPPORTS FOR ROOF TOP EQUIPMENT LOADS ON DESIGNATED OR APPROVED STEEL JOISTS. LOCATE CONCENTRATED LOADS AT JOIST PANEL POINTS ONLY OR REINFORCE STEEL JOISTS IN ACCORDANCE WITH TYPICAL SECTIONS AND DETAILS.
 - SEE TYPICAL DETAILS FOR ELECTRICAL GROUNDING DETAIL AND REQUIREMENTS FOR A CONCRETE ENCASED GROUNDING ELECTRODE. COORDINATE WITH ELECTRICAL CONTRACTOR.
 - INDICATED DIMENSIONS TO BE COORDINATED WITH EQUIPMENT MANUFACTURER.
 - TOTAL HORIZONTAL STRENGTH WIND FORCE (W) AND STRENGTH SEISMIC FORCE (E) FROM THE ROOF/FLOOR DIAPHRAGM OR ADJACENT WALLS TO BE RESISTED BY THE PRECAST CONCRETE SHEAR WALLS BELOW.
 - SUPPORT ALL MEPPF EQUIPMENT AND PIPING GREATER THAN 2 INCHES IN DIAMETER DIRECTLY FROM THE DESIGNATED STEEL ROOF JOISTS (TOP CHORDS ONLY) AND STEEL WIDE FLANGED BEAM AND GIRDER FRAMING. DO NOT SUPPORT THE AFOREMENTIONED FROM THE STEEL ROOF DECK DIRECTLY. ITEMS SUCH AS LIGHTWEIGHT CEILING AND LIGHTING MAY BE SUPPORTED DIRECTLY FROM THE STEEL ROOF DECK.
 - ALL MEP EQUIPMENT STEEL SUPPORTS SHALL BE COORDINATED WITH THE INSTALLING CONTRACTOR(S). SEE PLANS AND TYPICAL DETAILS FOR STEEL SUPPORT REQUIREMENTS.
 - COORDINATE SIZE AND QUANTITY OF ROOF DECK PENETRATIONS WITH MEPPF DRAWINGS, TYP. REINFORCE NEW PENETRATIONS IN EXISTING NEW ROOF DECKS PER TYPICAL STRUCTURAL DETAILS.
 - MEPPF INSTALLING CONTRACTOR(S) SHALL SUBMIT EXISTING ELEVATED FLOOR PLANS INDICATING ALL MEPPF FLOOR PENETRATIONS SIZES AND LOCATIONS FOR EOR REVIEW. EOR APPROVAL IS REQUIRED PRIOR TO THE START OF CORING ACTIVITIES. COORDINATE THE TIMING OF SUBMITTAL ACCORDINGLY. LOCATE AND AVOID DAMAGE TO REINFORCEMENT.
 - SEE STEEL DECK NOTES ON S0 IC FOR STEEL DECK ATTACHMENT INFORMATION TO THE SUPPORT STEEL.
 - MAXIMUM LIVE LOAD DEFLECTION FOR ELEVATED SLABS @ BUILDING ENVELOPE AND INTERIOR PARTITIONS = 1/2"

- POUR ALL ELEVATED CONCRETE SLABS TO THE SPECIFIED THICKNESS.
- AFTER AUDITORIUM ROOF DECK AND SLAB IS INSTALLED AND CONCRETE ACHIEVES THE SPECIFIED MINIMUM COMPRESSIVE STRENGTH, REMOVE DIAGONAL CROSS BRIDGING AT THIS LOCATION ONLY.
- AT THE NEW ADDITION (EXCLUDING SKYLIGHTS), ALL ROOFS ARE DESIGNED TO SUPPORT A MAXIMUM ALLOWED SUPERIMPOSED DEAD LOAD FROM THE PHOTOVOLTAIC BALLAST SYSTEM OF 8 PSF PLUS THE ADDITIONAL DOWNWARD WIND PRESSURE FROM THE PHOTOVOLTAIC BALLAST SYSTEM OF 13 PSF. SYSTEMS OTHER THAN THE PHOTOVOLTAIC BALLAST SYSTEM ARE NOT PERMITTED.



3 FRAMING DETAIL
SCALE: 3/4" = 1'-0"



4 FRAMING DETAIL
SCALE: 3/4" = 1'-0"

45	ADDENDUM 5 - B58	01.02.2020
41	ADDENDUM 4 - B58	12.16.2019
39	ADDENDUM 3 - B58	12.11.2019
	ISSUED FOR BID GROUP & PHASE C	11.20.2019
	ISSUED FOR 90% CD - PHASE C	11.12.2019
	ISSUED FOR 75% CD - PHASE C	10.14.2019
	ISSUED FOR 25% CD - PHASE C	8.30.2019
REV	ISSUE	DATE

MFP IMPLEMENTATION - SOUTH

1436 NORFOLK STREET
DOWNERS GROVE, IL 60016

AUDITORIUM AND FLY GALLERY ROOF LEVEL FRAMING PLAN - AREA F

Project Number:
5274-42
Drawn By:
J.G.
Sheet:

S2.5C-F