

STRUCTURAL ROOF FRAMES
SCALE 3/16"=1'-0"

Steel Floor Deck FD 938

PHYSICAL PROPERTIES

Deck	W14	W12	W10	W8	W6	W4	W3	W2	W1
Area	10.3	8.7	7.1	5.5	4.0	2.5	1.5	1.0	0.5
Weight	150	130	110	85	60	40	25	15	8
Depth	14.0	12.0	10.0	8.0	6.0	4.0	3.0	2.0	1.0
Flange	4.0	3.5	3.0	2.5	2.0	1.5	1.0	0.5	0.2
Web	0.5	0.4	0.3	0.2	0.1	0.1	0.1	0.1	0.1
Stiffness	100	80	60	40	20	10	5	2	1

LOADING TABLE

Deck	W14	W12	W10	W8	W6	W4	W3	W2	W1
Load	100	80	60	40	20	10	5	2	1
Span	10	8	6	4	3	2	1	0.5	0.2
Deflection	10	8	6	4	3	2	1	0.5	0.2

Steel Roof Deck RD 938

PHYSICAL PROPERTIES

Deck	W14	W12	W10	W8	W6	W4	W3	W2	W1
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LOADING TABLE

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Span	10	8	6	4	3	2	1	0.5	0.2
Deflection	10	8	6	4	3	2	1	0.5	0.2

- 5/03/01/05 AS PER DOS COMMENTS
- 4/02/02/06 AS PER DOS COMMENTS
- 3/01/26/05 AS PER DOS COMMENTS
- 2/12/17/04 ISSUED FOR STATE REVIEW
- 1/12/09/04 SUBMISSION TO S.E.D.
- NO DATE REVISION

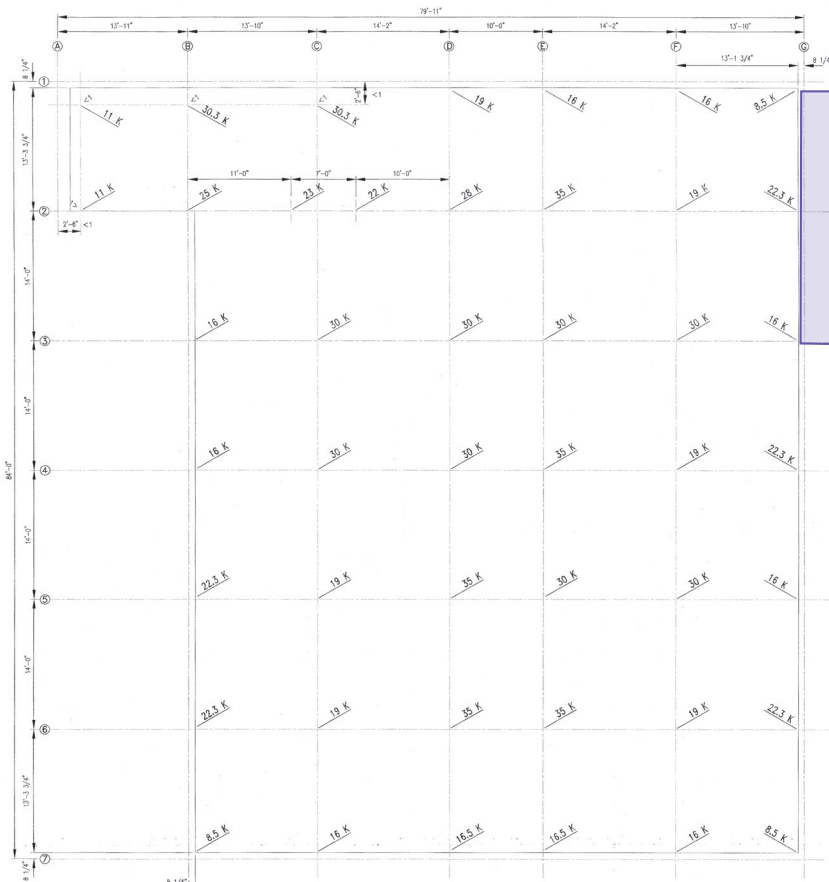
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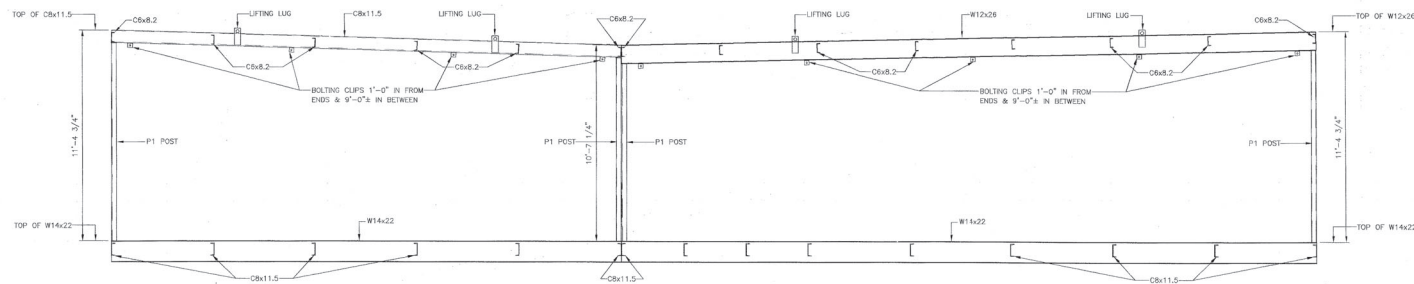
THE RYE CITY SCHOOL DISTRICT
ADDITION AND RENOVATIONS
AT MIDLAND ELEMENTARY SCHOOL
RYE, NEW YORK
DATE PROJECT NO. 65-18-01-01-003-010

STRUCTURAL FLOOR FRAMES & POSTS LAYOUT
STEEL DECK INFORMATION
DETAILS
PROJECT # 04/18/05
AS SHOWN

D04-039-C S1



SHADED REGION
IS APPROX.
EXTENTS OF
PROPOSED
ADDITION



3	03.01.08	AS PER DGS COMMENTS
4	02.22.08	AS PER SED COMMENTS
3	01.28.08	AS PER SED COMMENTS
2	12.17.04	ISSUED FOR STATE REVIEW
1	12.09.04	SUBMISSION TO S.E.D.
NO.	DATE	REVISION

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PROVIDING COMMENTS TO THE ARCHITECT SHALL BE THE RESPONSIBILITY OF THE ARCHITECT. COMMENTS TO THE ARCHITECT SHALL BE MADE IN CONJUNCTION WITH THE ARCHITECT'S COMMENTS.

DESIGNED BY	K.J.F.T.	PROJECT MANAGER	
DRAWN BY	DAVID TAVARES	DATE	04/18/05
CHECKED BY	L.E.R.		

SCALE
AS SHOWN

PROJECT
THE RYE CITY SCHOOL DISTRICT
ADDITION AND RENOVATIONS
AT MIDLAND ELEMENTARY SCHOOL
RYE, NEW YORK

SHEET PROJECT NO. 04-039-01-0-003-018

TITLE
POINT LOAD DIAGRAM

PROJECT #	04-039-C	SHEET #	S2
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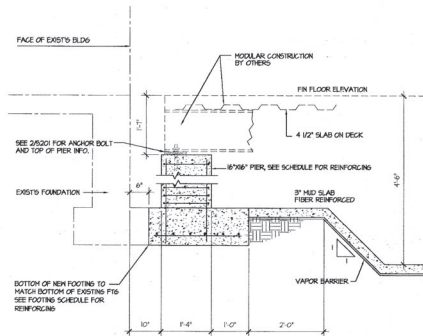
STRUCTURAL CONCRETE MASONRY NOTES

MATERIALS

HOLLOW LOAD BEARING UNITS: ASTM C 90
(COMPRESSIVE STRENGTH OF MASONRY: FN = 1500 PSI)
(COMPRESSIVE STRENGTH AT 28 DAYS = 2000 PSI)
CONCRETE BRICK: (GRADE N-1) ASTM C 95
REINFORCING STEEL: ASTM A615, GRADE 60, DEFORMED BAR

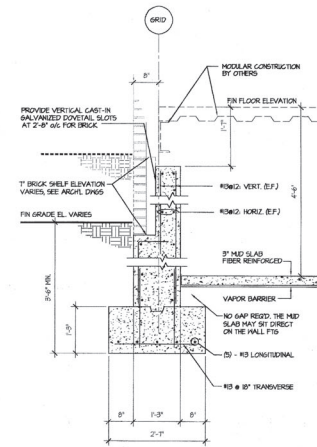
HORIZONTAL (TYPE II) ASTM C 210
GRADE FOR REINFORCED MASONRY: ASTM C 476
SOLID LOAD BEARING UNITS: (GRADE N-1) ASTM C 145

1. WALLS INDICATED ON STRUCTURAL DRAWINGS ARE FOR REFERENCE ONLY. SEE ARCHITECTURAL DRAWINGS FOR LOCATION, THICKNESS AND COMPOSITION OF MASONRY WALLS.
2. ALL MASONRY FIRE WALLS SHALL CONTAIN THE FOLLOWING REINFORCING UNLESS OTHERWISE NOTED:
1-#4 VERTICAL BAR AT 8" ON CENTER
1-#4 BAR HORIZONTAL ABOVE AND BELOW ALL WINDOW AND MECHANICAL OPENINGS AND ABOVE ALL DOOR OPENINGS.
PROVIDE ADDITIONAL BARS ABOVE DOORS, WINDOWS AND MECHANICAL OPENINGS AS REQUIRED IN ACCORDANCE WITH UNITS SCHEDULE OR ARCHITECTURAL DRAWINGS.
STANDARD LADDER TYPE DESIGN D40-0-0-0 HORIZONTAL REINFORCING AT 16" ON CENTER VERTICAL.
3. ALL VERTICAL WALL REINFORCING SHALL BE CONTINUOUS FOR THE FULL HEIGHT OF MASONRY WALLS, INCLUDING THROUGH CONTIGUOUS MASONRY BOND BEAMS, UNLESS OTHERWISE INDICATED.
4. CELLS CONTAINING REINFORCING BARS AND ALL CELLS BELOW GRADE SHALL BE GROUTED SOLID, ALL OTHER CELLS SHALL REMAIN HOLLOW EXCEPT WHERE NOTED.
5. ALL BOLTS OR ANCHORS SHALL BE SOLIDLY EMBEDDED IN MORTAR OR GROUT. IF BOND BEAM IS NOT LOCATED AT BOLT OR ANCHOR ELEVATION, PROVIDE LATH AND FULL CELL LOCALLY TO PROVIDE SUBSTRATE FOR BOLT OR ANCHOR. GROUT CELL ABOVE ALL MASONRY ANCHORS.
6. HOLLOW UNITS SHALL BE LAID WITH FULL HORIZONTAL COVERAGE ON HORIZONTAL AND VERTICAL FACE SHELLS, EXCEPT THAT PIER SHELLS SHALL ALSO BE REINFORCED IN ALL CORNERS OF BEARING AND VERTICAL WALLS, PIER, GROUND AND FLATERS, AND IN THE SOMETIMES CORNER ON FOOTING AND SOLID FOUNDATION WALLS, AND WHERE ADJACENT TO CELLS OR CAVITIES WHICH ARE TO BE REINFORCED AND/OR FILLED WITH GROUT.
7. HORIZONTAL PROJECTIONS EXTENDING INTO CELLS OR CAVITIES TO BE REINFORCED AND/OR GROUTED SHALL BE REMOVED.
8. SOLID UNITS SHALL BE LAID WITH FULL HEAD AND BED JOINTS.
9. MINIMUM DEVELOPMENT LENGTH AND SPICE LENGTH OF MASONRY REINFORCING SHALL BE AS FOLLOWS:
BAR SIZE DEVELOPMENT LENGTH SPICE LENGTH
#4 18" 24"
#6 23" 30"
#8 27" 36"
#10 32" 42"
10. ALL REBAR SIZES SPECIFIED ARE SOFT METRIC DESIGNATIONS.



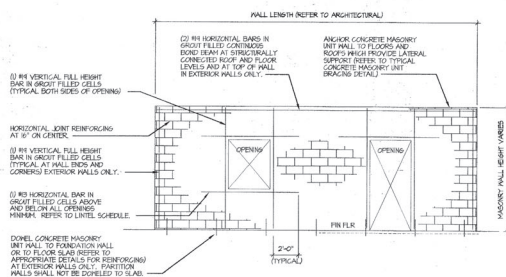
NOTE: ALL REBAR SIZES SHOWN ARE SOFT METRIC SIZES

9 FOOTING AT EXISTING BUILDING
SCALE: 3/4" = 1'-0"



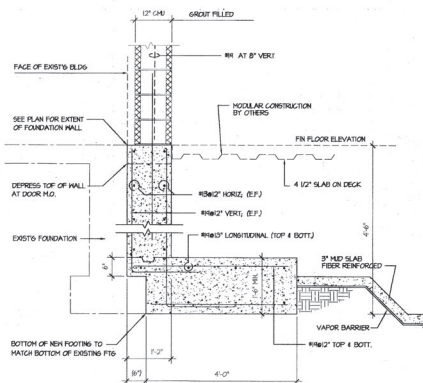
NOTE: ALL REBAR SIZES SHOWN ARE SOFT METRIC SIZES

1 PERIMETER FOUNDATION WALL
SCALE: 3/4" = 1'-0"



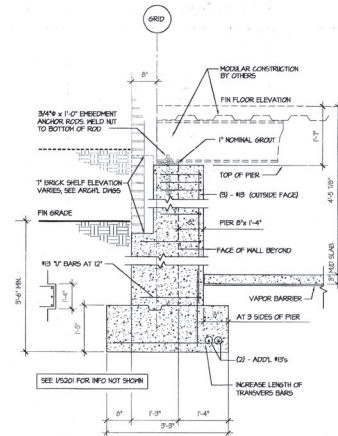
NOTE:
INTERIOR PARTITION WALLS NEED ONLY HAVE HORIZONTAL JOINT REINFORCING AND HORIZONTAL AND VERTICAL BARS AT OPENINGS.
INTERIOR PARTITIONS NEED NOT HAVE VERTICAL BARS AT WINDOW SPACING, DOVEYS TO SLAB, OR HORIZONTAL BOND BEAMS.

5 CMU WALLS / MINIMUM REINFORCING
SCALE: 3/4" = 1'-0"



NOTE: ALL REBAR SIZES SHOWN ARE SOFT METRIC SIZES

4 CMU FIREWALL FOUNDATION
SCALE: 3/4" = 1'-0"



NOTE: ALL REBAR SIZES SHOWN ARE SOFT METRIC SIZES

2 PIER AT MODULAR JOINTS
SCALE: 3/4" = 1'-0"

This drawing and details shall be as an instrument of service to the property of the architect and may be used for this specific project and shall not be loaned, copied or reproduced or without written consent of the architect.

PROFESSIONAL SEAL

PROJECT NUMBER: 1430M
ARCHITECT/ENGINEER: LKANGCO
ARCHITECT/ENGINEER: W. HENRULTY, P.E.
DRAWN BY: L. CUBERTY



FLETCHER THOMPSON

ARCHITECTURE/ENGINEERING/INTERIOR DESIGN

FLETCHER-THOMPSON, INC.

THREE CORPORATE DRIVE

SHREVEPORT, LA 70304-4244

PROJECT TITLE

ADDITIONS AND RENOVATIONS

TO

MIDLAND ELEMENTARY SCHOOL

MIDLAND AVENUE

RYE, NEW YORK

FOR

THE RYE CITY SCHOOL DISTRICT

STATE PROJECT NO. 66-18-00-01-0-003-016

ISSUED TITLE

FOUNDATION AND CMU DETAILS

DATE

1/26/05 PER SED COMMENTS

NOVEMBER 30, 2004

SCALE

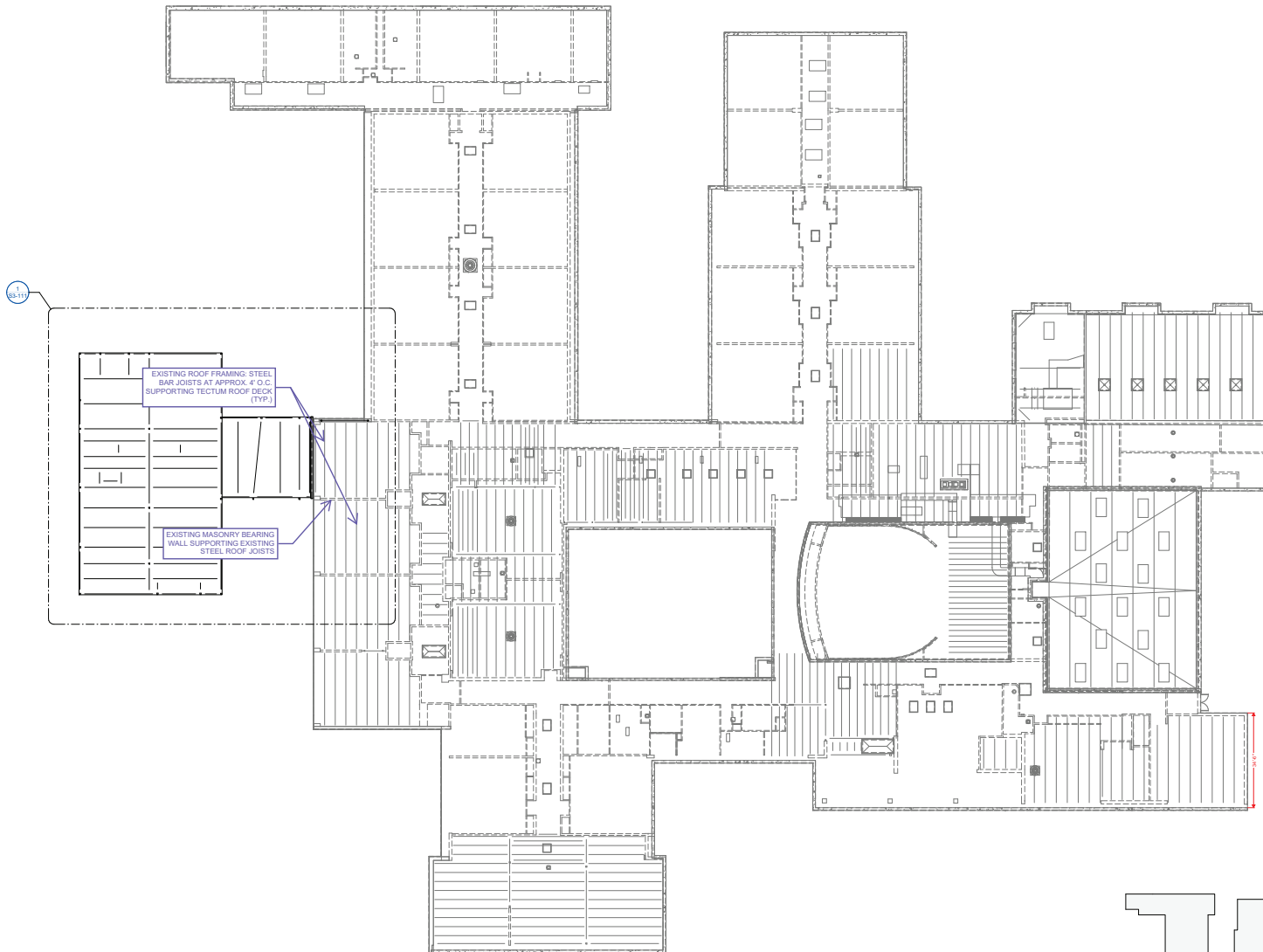
AS NOTED

PROJECT NO.

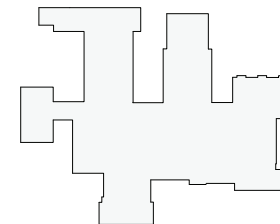
S041140.06

DRAWING NO.

S201



① **OVERALL ROOF FRAMING PLAN**
SCALE: 1/8" = 1'-0"



KEY PLAN
N.T.S.

Revision Schedule		
No.	Description	Date
A	SED SUBMISSION	10/23/2020
E	ADDITION: ISSUED FOR BID	2021-07-23

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bga

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SED#: 6618-0001-0001-024

PROJECT

Rye City Schools

555 Theodore Fremd Ave, Suite B-101

Osborn Elementary School

10 Osborn Rd, Rye, NY 10580

OVERALL ROOF FRAMING PLAN

SEAL & SIGNATURE | DATE: 10/23/2020
PROJECT No.: 9200
DRAWING BY: EAC
CHK BY: DJD
DWG No.: S3-101