GENERAL

1. ALL WORK SHOWN CONFORMS TO THE 2016 INTERNATIONAL BUILDING CODE, 2018 ISSUANCE.

2. A CREASE OR CREASE IN THE GENERAL NOTES, SPECIFICATIONS, AND DRAWINGS IS TO BE IN SCALE.

3. DRAWINGS ARE NOT TO SCALE AND ARE INTENDED FOR THE PURPOSE OF SHOWING LOCATION OF ALL PROPOSED CONSTRUCTION JOINTS AND EMBEDMENTS SHOWN ON THE APPROVED SHOP DRAWINGS OR SPECIFICALLY AUTHORIZED IN THE GENERAL NOTES.

4. GENERAL NOTES.

A. ALL WORK SHOWN MAY BE SUBJECT TO CHANGE, SPECIFICATION, OR PLAN MODIFICATION PRIOR TO THE BEGINNING OF CONSTRUCTION.

B. EPOXY ADHESIVE SHALL BE USED WHERE DOWELS ARE TO BE INSTALLED INTO EXISTING STRUCTURAL CONCRETE, THROUGH EXISTING MASONRY WALLS, OR THROUGH CAST-IN-PLACE REINFORCING HAS BEEN APPROVED BY THE INSPECTION AGENCY.

C. ALL CONCRETE MUST BE CONSISTENTLY EMBEDDED IN THE NEW CONCRETE OR CAST-IN-PLACE REINFORCING STEEL: ASTM A615 GRADE 60.

D. CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH WIRE TOGETHER.

E. CONCRETE EXPOSED TO EARTH OR WEATHER

F. W/CEMENT RATIO, AND SLUMP AS SHOWN IN ATTACHED TABLE.

5. CONCRETE IS SHOWN AS CAST-IN-PLACE CONCRETE.

6. ALL DRAWINGS ARE TO BE COMPLETED IN THE IMPACT DIALECTIC BETWEEN THE GENERAL NOTES, SPECIFICATIONS, AND DRAWINGS.

7. ALL DRAWINGS ARE CORRECT AS OF THE ISSUE DATE. ALL WORK SHOWN CONFORMS TO THE 2016 INTERNATIONAL BUILDING CODE, 2018 ISSUANCE.

8. THE DRAWING SHEET EXTENSIONS PROVIDE AN INDEX TO EACH OF THE DRAWING SHEETS IN THE SET AND SHOW THE LOCATION OF DRAWING SHEETS PROVIDED.

9. THE CONTRACTOR SHALL BEmitted TO PROVIDE DESIGN AND CONSTRUCTION OF THE CONTRACT DOCUMENTS.

10. THE CONTRACTOR SHALL ENGAGE A TESTING AGENCY TO PROVIDE VERIFIED ALL CONSTRUCTION CRITERIA, MATERIALS, AND SIMILAR DATA AND SIGNATURES, HAVE BEEN MADE WITHOUT THE AUTHORIZATION OF FPA CERTIFIED CONCRETE FIELD-TESTING TECHNICIAN, GRADE I; AND PROFESSIONAL ENGINEER, THAT INSPECTIONS WERE PERFORMED AND THAT CONSTRUCTION CRITERIA HAVE BEEN MEETED.

11. THE CONTRACTOR SHALL PROVIDE A CONTINUOUS WATERSTOP AT ALL HORIZONTAL AND VERTICAL MOVEMENT AT THE HEADS OF ALL SUCH PARTITIONS. CONNECTIONS SHOWING LOCATION OF ALL PROPOSED CONSTRUCTION JOINTS AND EMBEDMENTS SHOWN ON THE APPROVED SHOP DRAWINGS OR SPECIFICALLY AUTHORIZED IN THE GENERAL NOTES.

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42. THE CONTRACTOR SHALL PROVIDE A CONTINUOUS WATERSTOP AT ALL HORIZONTAL AND VERT
11. COMPRESSIVE STRENGTH OF 3000 PSI ON THE NEW AREA.

FALL BELOW 40 DEGREES F, THE TEMPERATURE OF THE NEWLY LAID MASONRY HAS BEEN APPROVED BY THE INSPECTION AGENCY.

PROVIDE LINTEL FOR ALL MASONRY OPENINGS EQUAL TO OR GREATER THAN 24".

PROVIDE VERTICAL MASONRY CONTROL JOINTS AT MAXIMUM 25'-0" ON CENTER.

DEFORMED BAR REINFORCEMENT SHALL CONFORM TO ASTM A615, GRADE 60.

NO 5 BAR CONTINUOUS SOLIDLY GROUTED IN PLACE) WHERE SILL BEAM IS NOT.

NO OPENINGS SHALL BE PLACED ABOVE ANY LINTEL WITHIN A HEIGHT LESS THAN.

N OR S ABOVE GRADE.  ALL PORTLAND CEMENT SHALL CONFORM TO ASTM C150,

BOND BEAMS, AND BEAM BEARINGS AND CELLS WITH REINFORCEMENT FULL.

OPENINGS MUST BE 24" BELOW LOAD BEARING POINT. IF OPENING IS WITHIN 24"

WHERE LINTEL IS NOT OTHERWISE SPECIFICALLY DETAILED ON THE DRAWINGS.

ALL WALL SECTIONS AND PIERS LESS THAN TWO SQUARE FEET IN

DIAMETER) PLUG WELDS AT 12 INCHES ON CENTER INTERIOR AND 6 INCHES ON.

REQUIRED AT THE EDGES OF ALL OPENINGS AND AT ALL SLAB DEPRESSIONS, OR.

SUPPORTING DECK." 

REQUIRED FOR STABILITY AND FOR RESISTANCE TO WIND AND SEISMIC FORCES.

PROFESSIONAL ENGINEER IN THE PROJECT'S JURISDICTION.

CALCULATIONS SHALL BE PREPARED AND STAMPED BY A REGISTERED.

TO INDICATE, AS A MINIMUM, SEQUENCE OF ERECTION OPERATIONS,

SHOP DRAWINGS SHALL BE INSTALLED PRIOR TO LOADING.  BRIDGING SPACING.

SHOP DRAWINGS SHALL BE INSTALLED PRIOR TO LOADING.  BRIDGING SPACING.

MATERIALS SPECIFIED AND IF APPROVED BY THE ARCHITECT AND.

FOR EACH UNIQUE FRAMING APPLICATION, CONNECTION DETAILS DEPICTING.

FOR STRUCTURE VERTICAL MOVEMENT SHALL BE PROVIDED WHERE.

ROTATION.  BRIDGING, OF THE TYPE AND SPACING SHOWN ON THE CONTRACT OR.

PLANS AND/OR ELEVATIONS DEPICTING COMPONENTS TYPES AND LOCATIONS.

PRIOR TO PREFABRICATION OF FRAMING, THE CONTRACTOR SHALL SUBMIT.

FOR LIGHT GAGE METAL FRAME CONSTRUCTION, THE MATERIALS.

FOR LIGHT GAGE METAL FRAMING PROPERTIES ARE BASED ON SSMA, STEEL STUD.

FRAMING MEMBERS SHALL BE OF THE TYPE, SIZE, AND.

ALL STUD AND/OR JOIST FRAMING MEMBERS SHALL BE OF THE TYPE, SIZE, AND.

MANUFACTURERS ASSOCIATION MEMBERS BY OTHER MANUFACTURER'S MAY BE.

LIGHT GAGE METAL FRAMING PROPERTIES ARE BASED ON SSMA, STEEL STUD.

FOR LIGHT GAGE METAL FRAME CONSTRUCTION, THE MATERIALS.

MANUFACTURERS ASSOCIATION MEMBERS BY OTHER MANUFACTURER'S MAY BE.

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FOR LIGHT GAGE METAL FRAME CONSTRUCTION, THE MATERIALS,

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FOR LIGHT GAGE METAL FRAME CONSTRUCTION, THE MATERIALS,
<table>
<thead>
<tr>
<th>COLUMN LOCATIONS</th>
<th>E</th>
<th>E.1</th>
<th>E.2</th>
<th>E.3</th>
<th>F</th>
<th>F.1</th>
<th>F.2</th>
<th>F.3</th>
<th>G</th>
<th>H</th>
<th>Y</th>
<th>Z</th>
</tr>
</thead>
<tbody>
<tr>
<td>BASE PLATE TYPE</td>
<td>BP1</td>
<td>BP1</td>
<td>BP2</td>
<td>BP2</td>
<td>BP2</td>
<td>BP2</td>
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<td>BP2</td>
<td>BP2</td>
<td>BP2</td>
<td>BP2</td>
<td>BP2</td>
</tr>
</tbody>
</table>

**Column Locations:***

- **BP1**: Base Plate Type 1
- **BP2**: Base Plate Type 2

**Coordination Elevation of Davit w/ Arch**

**Scale**: As noted

**Drawn by**: [Name]

**Checked by**: [Name]

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GROUND IMPACT LOAD

FOOTING SCHEDULE

STIFFNESS LOAD

EXPOSURE CATEGORY, (SECT. 1609.4)

RISK CATEGORY, (TABLE 1609.3)

DESIGN SPECTRAL RESPONSE ACCELERATION PARAMETER, (PERIOD, (FIGURE 22-2) (S1))

FOOTINGS

MASONRY GROUT

SLAB-ON-GRADE

ANALYSIS PROCEDURE, (SECT. 12.8)

SEISMIC LOAD

PLASTIC RUBBER LOAD

INTERNATIONAL BUILDING CODE 2015 NEW JERSEY EDITION /ASCE 7-10

PRECAST LOOSE LINTEL SCHEDULE

PRECAST CONCRETE LINTELS

PRECAST CONCRETE LINTELS

BARE LINTEL

DEPLOYMENT OF LINTELS

WHERE OPENINGS LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH TO STRUCTURAL STEEL

WHERE OPENING IS LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH TO STRUCTURAL STEEL

WHERE DOUBLE LINTELS ARE USED, WIDER LINTEL TO BE ON INSIDE.

CONSULT ARCHITECTURAL, MECHANICAL & ELECTRICAL DRAWINGS FOR OPENING SIZE & LOCATION

CAST IN PLACE CONCRETE

SOILS

FOOTING SCHEDULE

STEEEL LINTEL SCHEDULE

PRECAST LINTELS TO BE USED UNLESS AS NOTED IN STEEL LOOSE LINTEL SCHEDULE.

PROVIDE STEEL LOOSE LINTELS FOR EXTERIOR BRICK.

UNLESS OTHERWISE SPECIFIED ON DRAWINGS, PROVIDE AND INSTALL STEEL LINTELS FOR ALL MASONRY OPENINGS.

BEAR LINTELS 6" MINIMUM EACH SIDE OF OPENING.

CONSULT ARCHITECTURAL, MECHANICAL AND ELECTRICAL DRAWINGS FOR OPENING SIZE AND LOCATION.

WHERE OPENINGS LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH TO STRUCTURAL STEEL OR CAST IN PLACE CONCRETE.

WHERE OPENINGS LOCATED NEXT TO COLUMNS OR BEAMS, ATTACH TO STRUCTURAL STEEL OR CAST IN PLACE CONCRETE.

ALL LINTELS IN EXTERIOR WALLS TO BE GALV AS PER ASTM 123 UNLESS THEY ARE TO RECEIVE A SPECIFICALLY DETAILED FINISH.

SPECIAL INSPECTION ITEMS

#3 TIES

LINTEL SIZE / UNIFORM LOAD, POUNDS / FOOT

WALL THICKNESS ( BLOCK SIZE )

SEISMIC LOAD

INTERNATIONAL BUILDING CODE 2015 NEW JERSEY EDITION /ASCE 7-10

Detroit, New Jersey 07719

2010-18

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2010-18
THIRD FLOOR FRAMING PLAN

NOTES:
1. Elevation Top Of Floor Slab Is +32'-0" Above Datum Elevation Unless Otherwise Noted.
2. Elevation Top Of Steel Beams 8'-0" Above Top Of Slab Unless Otherwise Noted.
3. @ 3'-0" Decks: Top Of Slab = 4'-0" Above Top Of Slab Unless Otherwise Noted.
4. @ 3'-0" Decks: Top Of Slab = 4'-0" Above Top Of Slab Unless Otherwise Noted.
5. Elevation Top Of Steel Beams 8'-0" Above Top Of Slab Unless Otherwise Noted.
7. MEC: Miter Edge Of Slab.
8. PROVIDE FRAMES ALONG ALL EXTERNAL FRAMES OVER 12'-0" DEEP AS PER DETAIL ON DRAWING. FOR FRAMES PER 12'-0" DEEP AND ARCHITECTURAL DRAWINGS, CONNECTIONS MUST BE DETAILED ON DRAWING.
9. COORDINATE LINTEL HEIGHTS WITH ARCHITECTURAL DRAWINGS.
10. @ MASONRY: FULLY DETAIL MASONRY CONNECTING DECK TO SLAB (EVERY 3'-0"
   X 3'-0" AREA). FOR OPENINGS NOT SHOWN, SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
11. PROVIDE MOMENT CONNECTORS AS PER DETAIL. FOR DETAIL, SEE ARCHITECTURAL DRAWINGS.
12. PROVIDE MOMENT CONNECTORS AS PER DETAIL. FOR DETAIL, SEE ARCHITECTURAL DRAWINGS.

FOR DIMENSIONS & INFORMATION NOT SHOWN; SEE ARCHITECTURAL DRAWINGS.

EOS - DENOTES EDGE OF SLAB.

SLAB DEPRESSIONS NOTED THUS [     ] ON PLAN FROM TOP OF FLOOR SLAB—SEE ARCH.

SPACE ALL STEEL MEMBERS EQUALLY UNLESS OTHERWISE NOTED.

TYPICAL DETAIL DRAWING. FOR OPENINGS NOT SHOWN, SEE ARCHITECTURAL AND STRUCTURAL DRAWINGS.

W12x19 (X) - DENOTES W12x19 STEEL BEAM WITH 6-3/4"DIA. SHEAR STUDS.

DENOTES SLAB = 3" CONCRETE SLAB + 6x6-W1.4xW1.4 WWF ON 3" - 18 GA.

PROFESSIONAL ENGINEER, NJ LIC. No. GE49920

JONATHAN V. CRAWFORD, PE

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NOTE:

1. DRAWING IS FOR INFORMATION PURPOSES ONLY. DO NOT USE AS A SUBSTITUTE FOR ARCHITECTURAL OR ENGINEERING DRAWINGS.

2. SCALE: 1/8" = 1'-0"

3. FOR DIMENSIONS & INFORMATION NOT SHOWN; SEE ARCHITECTURAL DRAWINGS.

4. EOD DENOTES EDGE OF DECK OR PLATE.

5. LINE OF BUILDING (TYP)

6. PROHIBITED. DUE TO INHERENT ERRORS IN REPRODUCTION METHODS, ERRORS MAY OCCUR WHEN SCALING THIS DRAWING

7. PROFESSIONAL ENGINEER, NJ LIC. No. GE49920

8. JONATHAN V. CRAWFORD, PE

9. 1800 Route 34, Suite 101

10. Hackettstown, NJ

11. Corporate Office

12. Regional Offices

13. New York, NY

14. 732.312.9800

15. PROFESSIONAL ENGINEER, NJ LIC. No. GE49920

16. JONATHAN V. CRAWFORD, PE

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18. Hackettstown, NJ

19. Corporate Office

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21. New York, NY

22. 732.312.9800
NOT TO SCALE

TYPICAL SLAB ON GRADE CONTROL JOINTS AT COLUMN DETAILS

TYPICAL SLAB ON GRADE REINFORCEMENT AT INTERIOR CORNERS WITHOUT CONSTRUCTION JOINTS

TYPICAL DETAIL AT UTILITY PIPES ADJACENT TO COLUMN FOOTINGS

SEISMIC REINFORCING AT CMU BEARING AND NON-BEARING WALLS DETAIL

NOTE: 1. CLAZ aesthetics are subject to Architect’s approval.
2. Construction to submit layout for approval.