

**ADDENDUM #1**

**Will County Health Department**  
**BID PACKAGE #2 – Misc. Steel/Structural/Enclosure**  
**October 31, 2018**

This addendum will be included in all future sets of drawings distributed and on the Leopardo Building Connected website.

**Division 1 – General Instructions**

**1.0 Bid Instructions**

**A. Bid Submission**

1. **There will be NO bid due date extension for this addendum. Final bids are due no later than 1:00PM on Tuesday, November 13, 2018.**

**1.1 Bid Documents**

**A. Schedule of Bid Documents**

The following documents are included as part of this bid addendum:

<b>DATE</b>	<b>DESCRIPTION</b>	<b>By</b>
10/31/18	Addendum Narrative (this document) - <b><u>FOLLOWS</u></b> – 2 Pages	Leopardo Companies
10/31/18	Revised BP2 Invitation to Bid Dated 10/31/18–1 Page	Leopardo Companies
10/31/18	Revised 00100 Advertisement to Bid –2 Pages	Leopardo Companies
10/31/18	Bid RFI Log Dated 10/31/18 –2 Pages	Leopardo Companies
10/31/18	Revised Work Scopes – <b><u>(As Listed Below)</u></b> – 7 Pages	Leopardo Companies
10/31/18	Revised Bid Proposal Forms – <b><u>(As Listed Below)</u></b> – 15 Pages	Leopardo Companies
10/31/18	Revisions Narrative and Drawing Index – 5 Pages	Kluber
10/31/18	Specification Sections Revisions 10/31/18 <b><u>(As Listed Below)</u></b> – 5 Pages	Kluber
10/31/18	Drawing Revisions <b><u>(As Listed Below)</u></b> – 19 Pages	Kluber

**2.0 General Information**

**A. Revised Work Scopes (Revisions noted in Red)**

- See attached Revised Work Scopes dated 10/31/2018
  - 2-04 Metal Panel Work Scope
  - 2-05 Roofing Work Scope
  - 2-07 Miscellaneous Metals Work Scope
  - 2-11 Sectional and Coiling Doors Work Scope

**B. Revised Bid Proposal Forms (Revisions noted in Red)**

- See attached Revised Bid Forms dated 10/31/2018
  - 2-05 Membrane Roofing Bid Form
  - 2-10 Elevator Bid Form



- 2-11 Sectional and Coiling Doors Bid Form

**C. Revised Specification Sections – Dated 2018.10.31**

- 032000.02 Concrete Reinforcing
- 033000.02 Cast-In-Place Concrete
- 042000.02 Unit Masonry
- 051200.02 Structural Steel Framing
- 053100.02 Steel Decking
- 075300.02 Elastomeric Membrane Roofing
- 111319.02 Stationary Loading Dock Equipment

**D. Revised Drawings Sheets – Dated 2018.10.31**

- A311
- A312
- A322
- A501
- A700
- A1000
- S311
- S312
- S312S
- S321
- S321S
- S322
- S322S
- S331
- S331S
- S332
- S332S
- S342
- S600

**END OF ADDENDUM #1**





**NOTICE OF PRE-BID WORKSHOP / CONFERENCE  
BID PACKAGE NO. 2  
FOR THE NEW WILL COUNTY HEALTH DEPARTMENT BUILDING**



YOU ARE INVITED TO ATTEND THE PRE-BID WORKSHOP / CONFERENCE FOR BID PACKAGE NO. 2 FOR THE NEW WILL COUNTY HEALTH DEPARTMENT BUILDING.

**ATTENDANCE IS HIGHLY RECOMMENDED AT THE PRE-BID WORKSHOP / CONFERENCE TO BE HELD ON TUESDAY, OCTOBER 16, 2018 AT 2:00 PM, IN THE COUNTY BOARD ROOM AT 302 N. CHICAGO ST., 2ND FLR., JOLIET, IL, 60432.**

PLANS, SPECIFICATIONS AND CONDITIONS OF THE BID ARE AVAILABLE AFTER 1:00 PM ON TUESDAY, OCTOBER 23, 2018 AT:

[WWW.BUILDINGWILLCOUNTY.COM](http://WWW.BUILDINGWILLCOUNTY.COM)

OR, BY CONTACTING THE CONSTRUCTION MANAGER, LEOPARDO, INC. AT 847-783-3856.

Bid Package #2 – Enclosure/Structural Steel/Misc. Metals/Elevator	
2-01	Air/Weather Barriers (Fluid Applied)
2-02	Masonry
2-03	Building Concrete (Including Waterproofing/Damproofing)
2-04	Metal Wall Panels
2-05	Membrane Roofing
2-06	Structural Steel/Joists/Metal Deck
2-07	Misc. Metals/Stairs & Railings
2-08	Exterior Sealants (Masonry/HM Frames)
2-09	Sprayed Insulation (Closed Cell Foam)
2-10	Elevator
2-11	Sectional Doors
2-12	Spray Fireproofing

SEALED BIDS WILL BE RECEIVED AT THE WILL COUNTY EXECUTIVE'S OFFICE, 302 N. CHICAGO ST., 2ND FLOOR, JOLIET, IL 60432 BY NO LATER THAN TUESDAY, 1:00 PM **NOVEMBER 13, 2018** and PUBLICLY OPENED AT THIS TIME IN THE WILL COUNTY ~~BOARDROOM~~ **COUNTY BOARD COMMITTEE ROOM**, 302 N. CHICAGO STREET, JOLIET, IL 60432, 2ND FLR.

THE TENDERING OF A BID SHALL BE CONSTRUED AS ACCEPTANCE OF THE PLANS AND SPECIFICATIONS. THE COUNTY BOARD RETAINS THE RIGHT TO REJECT ANY AND ALL BIDS, AND TO WAIVE NON-MATERIAL INFORMALITY OR IRREGULARITY IN ANY BID RECEIVED IN WHOLE OR PART, AND TO DETERMINE NOT TO PROCEED TO CONTRACT ON ANY PARTICULAR BID.

BY ORDER OF THE WILL COUNTY EXECUTIVE, LAWRENCE M. WALSH



**SECTION 00100**  
**Bid Requirements – BP #2**

1. Leopardo Companies Inc. requests Bid Proposals on behalf of the County of Will for the construction of the **Will County Health Department for Bid Package No. 2 work. Bid Proposals will be received at the Will County Executive's Office located at 302 N. Chicago Street, 2<sup>nd</sup> Floor, Joliet, IL. 60432 no later than 1:00 pm local time on Tuesday, November 13, 2018.** Proposals must be sealed with Bidder's name on the outside of the package and designated as follows:

Sealed Bid: Will County Health Department  
 Contractor Name, Address, Phone Number  
 Bid Package: No.2  
 Bid Category: **XX (fill in with appropriate bid category number)**  
 Due Date: Tuesday, November 13, 2018, 1:00 pm

2. Proposals shall be based on the requirements set forth in the Project Manual by Leopardo Companies Inc. and contract and construction documents prepared by the Architect for:

**BID CATEGORY DESCRIPTION**

- 2-01 Air/Weather Barriers (Fluid Applied)
- 2-02 Masonry
- 2-03 Building Concrete
- 2-04 Metal Wall Panels
- 2-05 Membrane Roofing
- 2-06 Structural Steel/Joists/Metal Deck
- 2-07 Misc. Metals/Stairs & Railings
- 2-08 Exterior Sealants
- 2-09 Sprayed Insulation
- 2-10 Elevator
- 2-11 Sectional Doors
- 2-12 Spray Fireproofing

3. Leopardo Companies Inc. has been contracted by the Owner in the capacity of Construction Manager for the Project, and as such has the rights and obligations set forth in its contract with the Owner for those services and shall act as representative of the Owner to the extent required/allowed under its Owner contract.
4. The Project is located at 501 Ella Avenue, Joliet, IL, 60433. The scope of the overall Project generally consists of: An approximate 73,200SF, two-stories, which includes (but not limited to) program spaces for Environmental Health, Family Health, Behavioral Health, Tuberculosis Clinic, Multi-Purpose Rooms, Records and Office/Administration Spaces.
5. This project is TAX EXEMPT.
6. Accepted Bidders will be required, as a condition precedent to award of Contract, to furnish in the amount of 100% of the contract price, satisfactory Performance Bond and Payment Bond as and **ADD ALTERNATE** on the bid form.
7. All Bidders will be required to furnish a 10% Bid Bond or Cashier's Check made payable to the Will County Treasurer. The Bid Bond shall accompany each bid, attached to the front cover, as a guarantee that if the bid is accepted, a contract will be entered into. Money Orders or Company checks will NOT be accepted. The unsuccessful bidders' checks will be returned after the County Board has awarded the bid. The bid bond or cashier's check of the successful bidder will be returned after receipt of Payment and Performance Bond. Failure to reach a contract with the County, on the terms as specified by this bid, shall require the forfeiture of this bond.
8. All bids must be on the forms provided by Leopardo Companies, Inc. in Section 00400 and submitted with one original (clearly marked), two copies (clearly marked), and one electronic copy (on flash drive or CD) in accordance with the Instructions to bidders.



9. Sealed Bid Proposals will be publicly opened and read by the Will County Executive or his Representative at 1:10 pm on Tuesday, November 13, 2018 in the Will County ~~Boardroom~~ **County Board Committee Room** located at 302 N. Chicago Street, 2<sup>nd</sup> Floor, Joliet, IL 60432. A bid is invalid if it has not been deposited at the designated location prior to the time and date for receipt of bids indicated above and on the Advertisement for bids or prior to any extension thereof issued to the bidders. **Use the Sealed Bid Stamp Following this Section.**
10. Bidders are responsible for reviewing all bid documents for a complete work scope review and shall select documents to be printed at their own cost and at their own risk. It is the responsibility of the bidder to meet all requirements of the bid documents.
11. Bidding Documents will be available for examination and distribution on or after 1:00 pm on Tuesday, October 23, 2018 at the following link  
<https://app.buildingconnected.com/public/5790d0da95966b0f00703d60/projects/5b746a9415ba08001417c653>  
or at [www.buildingwillcounty.com](http://www.buildingwillcounty.com)
12. Bidders shall not withdraw Bid Proposals for a period of sixty (60) days after the time designated for the receipt of bids in the Advertisement for bids.
13. The successful Bidder(s) will be required to enter into an agreement with **Leopardo Companies Inc.** on the Agreement Form identified in Section 00500 of the Project Manual.
14. The tendering of a bid shall be construed as acceptance of the plans and specifications. The County of Will reserves the right to accept or reject any or all bids or proposals or to waive any non-material informality or irregularity.
15. The signature on bid documents shall be that of an authorized representative of bidder. An officer or agent of the offering bidder who is empowered to bind the bidder in a contract shall sign the proposals and any clarifications to that proposal. Will County bears no responsibility in determining the authority of the signer and is entitled to rely on the representation of authority. Each bidder, by making his bid, represents that he has read and understands the bidding documents. Any bid not containing said signed documents shall be non-conforming and shall be rejected.
16. All work under the contract must be executed in accordance with all applicable federal, state, and local laws, ordinances, rules and regulations including the Prevailing Rate of Wages as established by the County of Will.
17. **See the following page for Freedom of Information Act.**
18. Project Manual Overview – Pay Special Attention to the Following but review all sections in this manual.
  - a. Instruction to Bidders – Section 00200
  - b. Work Scopes – Section 00220
  - c. Bid Proposal Forms – Section 00400
  - d. Qualification Form – Section 00440
  - e. Contract Requirements – Section 00500
  - f. Bond Requirements – Section 00610
  - g. Insurance Requirements – Section 00620
  - h. Schedule & Site Logistics Plan – Section 00230

If you have questions, please contact:

Ali Borrelli  
Leopardo Companies - Project Manager  
Office: 847-783-3856  
[ajborrelli@leopardo.com](mailto:ajborrelli@leopardo.com)

END OF SECTION 00100



RFI LOG  
Will County Health Department  
Bid Package #2

				R =	Resolved
				P =	Pending Response
				I =	Incomplete
RFI #	ADDENDUM #	Question	Response	Status	
BP2-001	Addendum #1	S311 states for top of footing elevations is to be at 96'-6" This is a 1' thick footing minimal which would put the bottom of footing an extra 1'-0" below what is required at 42". The note should read top of footing 2'-6" because our bottom of footing by code and their notes only needs to be 96'-6". The location for his coverage comment can be found pm S011 Note F9.	The note on S011 is in absent of other information. Other factors that drive this elevation are as follows: 1. The exterior grades typically are not flush with the interior slab on grade elevation. Variations occur and we do not run with the bare bones to avoid any frost coverage issues. This is our office standard and we will maintain as we are the EOR for the project. 2. We also have moment frames which have anchor rods that require correct embedment which is measure from the top of piers which are typically 8" below the finished floor. We maintain the embedment length of the bolts within the pier height so the bolts are not set in the footing.	R	
BP2-002	Addendum #1	What is note 5.531 on S600 depicting?	Will be addressed by addendum	R	
BP2-003	Addendum #1	On G301 there is a table with 0 hour rating for floors and roofs. Next to the 0 hour note it identifies Stairs and shafts, elevator equipment room, and boiler room with 1 hour rating. It appears the fireproofing will be limited to all shafts, and stairs plus a couple mechanical rooms. With a note on the structural drawing that states all roof decks that require fireproofing will be galvanized. Will the roof decking at the top of the stairs and shafts require fireproofing?	No. Roof decking does not require a rating.	R	
BP2-004	Addendum #1	Are Vehicle Restraints required with the Scissor Lift equipment? These are stated in specification section 111319.02.	No. Paragraph 1.01 B will be removed by Addendum.	R	
BP2-005	Addendum #1	Specification Reference 075300.02: Solar reflectance requirement of Elastomeric Membrane Roofing System is unattainable with a black membrane. Please advise.	Paragraph 2.02B1 will be eliminated by Addendum. SRI is not applicable with a black EPDM membrane.	R	



RFI LOG  
Will County Health Department  
Bid Package #2

[illegible]



**SECTION 00220.204**  
**WORK SCOPE METAL PANEL**

The Scope of Work includes all labor, material, tools, equipment, scaffolding, hoisting, supervision and engineering as required to complete the **Metal Panel** Scope of Work in accordance with the Contract Documents and enumerated below:

Subcontractor understands the Contract Documents are scope documents that indicate the general scope of the project which may not indicate or describe all the work required for the full performance and completion of their work. Subcontractor includes all items reasonably inferable to complete their scope of work whether or not indicated on the Contract Documents.

**TRADE SPECIFIC – METAL PANEL**

1. See “General Work Scope” for General Requirement, applicable to all bid packages.
2. **GENERAL**
  - a) Provide sufficient crew size and sufficient quantity of equipment, tools, and materials to conform to Leopardo project schedule. Subcontractor to complete this scope of work in the number of working days specified in this schedule. A full-time manager/supervisor and full-time competent safety supervisor shall be present during all work. Start date and sequence to be at the direction of Leopardo superintendent.
  - b) Subcontractor shall submit for approval his proposed scheme for the hoisting of all equipment, including any required shop drawings, sketches and/or load distribution diagrams and calculations verifying adequacy of supporting systems so as to allow erection activities to be coordinated and approved with other Subcontractor’s field operations and structural engineer.
  - c) Properly protect all materials stored on-site. CM will not be responsible for damage to stored materials.
  - d) Position layout and adjust size of panels to avoid narrow strips or unequal dimensions at perimeter or at panel joints. Provide a seaming diagram and layout of elevations for approval by the Architect prior to commencement of the Work.
  - e) Carpenter Subcontractor will provide blocking for all materials as shown on drawings. Metal wall panel contractor will be responsible to provide any additional materials as needed to install metal wall panels per the specifications beyond what is shown. Provide all necessary wall cleats and anchors needed to securely fasten wall panels.
  - f) Systems shall be installed plumb, level, and flat. Provide necessary shims and adjustments in mounting systems to accommodate irregularities in substrates.
  - g) Coordinate with installations of other trades to ensure that building exterior remains weathertight. Provide compatible flashings, receiver pieces, caulking, etc. as needed in conjunction with adjacent systems.
  - h) There will be roughly a 6’ site cut between the existing Health Department and the north side of the proposed building footprint for the new Health Department. All subcontractors are to understand that site access will be limited on the north elevation of the new building footprint and shall coordinate all construction activities accordingly.
3. **MOCK-UPS AND TESTING**
  - a) On-site field mock-up of a completed portion of permanent wall construction per the specifications.
  - b) Provide small scale mock-ups and samples illustrating system assembly and function.
  - c) ~~Subcontractor shall engage a qualified testing agency to perform tests and inspections to conduct air and water infiltration testing as specified.~~
  - d) Subcontractor shall repair system failures and prepare for retesting in the same manner for as many times necessary to comply with all requirements and pass the test.
  - e) Any other testing with required documentation per the specifications. If test reports are unavailable, provide calculations stamped by engineer to demonstrate structural performance.



#### 4. METAL PANEL SYSTEM

- a) All metal wall panels throughout the project as shown on the plans, details, finish schedules, and elevations.
- b) Include metal panel roof screen including all attachment accessories.
- c) Provide complete support and attachment for all metal panels including:
  - i. All stiffeners as needed to maintain panel rigidity as provided by the panel manufacturer
  - ii. Subframing system, Z-clips, shims, metal channels or other methods of attachment necessary to attach metal panels to proposed substrates.
- d) Furnish and install insulation behind metal panels including any required furring strips.
- e) Includes tape at insulation seams behind wall panels and at adjacent systems
- f) Include all reveals and joints between and surrounding wall panels.
- g) Include all necessary trim pieces at outside corners, drip edges, raw edges, and elsewhere as shown
- h) Gravel stop, coping, gutters, end caps, or trim extrusions at metal panel areas.
- i) Panel accessories including closures, backing plates, closure strips, flashing and trim, panel fasteners, and panel sealants as required.
- j) Include all metal fascia and soffits
- k) Provide continuous flashing at the base of wall, head of window openings, at each floor line, and at roof level as specified in the documents.
- l) Include all necessary materials and coordination to accommodate expansion joints.
- m) Include metal closures and infill panels at all interior locations as shown
- n) Provide formed aluminum break metal at all interior locations shown including, but not limited to, openings for windows, man doors, sectional doors, etc.
- o) Include all manufacturer recommendations for field measuring and scanning.
- p) Provide all necessary provisions to meet seismic requirements including special fasteners and clips.
- q) Include cut-outs for all penetrations within wall panels including but not limited to receptacles, supports, trim, etc. Coordinate with other trades.
- r) Meet or exceed performance criteria outlined in the specifications
- s) Exterior sheathing shall be provided by others. Metal panel subcontractor shall be responsible to maintain integrity of sheathing substrates and air barriers during the installation process.
- t) Include all caulking and sealants as required for system including joints within panel systems, between panel systems, and dissimilar materials and adjacent work by others.
- u) Repair/seal all penetrations through the air barrier with approved material.
- v) Metal panel subcontractor shall furnish flat stock for roofer to fabricate and install coping and gravel stops at non-metal panel (masonry, fiber cement, etc.) areas. **This includes the coping pieces specified for the dumpster enclosure as well.**
- w) Metal panel subcontractor shall furnish flat stock for roofer to fabricate and install downspouts, scuppers, **conductor heads**, and overflows.
- x) Provide metal/stainless steel bands as shown
- y) Structural support steel shown on Structural Drawings will be by others. All other installation accessories and additional misc. steel support for proper installation to be included in the bid.
- z) Minimum 5% attic stock (but not less than one full case of each material & color provided) or greater quantity if specified by the architect.

#### 5. EXCLUSIONS

- a. Sheathing behind panels.
- b. Air and vapor barriers behind panels.

END OF SECTION 00220.204



## SECTION 00220.205 WORK SCOPE ROOFING

The Scope of Work includes all labor, material, tools, equipment, scaffolding, hoisting, supervision and engineering as required to complete the **Roofing** Scope of Work in accordance with the Contract Documents and enumerated below:

Subcontractor understands the Contract Documents are scope documents that indicate the general scope of the project which may not indicate or describe all the work required for the full performance and completion of their work. Subcontractor includes all items reasonably inferable to complete their scope of work whether or not indicated on the Contract Documents.

### **TRADE SPECIFIC –ROOFING**

1. See “General Work Scope” for General Requirement, applicable to all bid packages.
2. **GENERAL/MISCELLANEOUS**
  - a. Provide sufficient crew size and sufficient quantity of equipment, tools, and materials to conform to Leopardo project schedule. Subcontractor to complete this scope of work in the number of working days specified in this schedule. A full-time manager/supervisor and full-time competent safety supervisor shall be present during all work. Start date and sequence to be at the direction of Leopardo superintendent.
  - b. Subcontractor shall submit for approval his proposed scheme for the hoisting of all equipment, including any required shop drawings, sketches and/or load distribution diagrams and calculations verifying adequacy of supporting systems so as to allow erection activities to be coordinated and approved with other Subcontractor’s field operations and structural engineer.
  - c. Carpenter Subcontractor will provide blocking for all materials as shown on drawings. Roofing Subcontractor will be responsible to provide any additional materials as needed to install ~~metal-wall panels roofing system~~ per the specifications beyond what is shown. Provide all necessary wall cleats and anchors needed to securely fasten ~~wall-panels roofing system~~.
  - d. There will be roughly a 6’ site cut between the existing Health Department and the north side of the proposed building footprint for the new Health Department. All subcontractors are to understand that site access will be limited on the north elevation of the new building footprint and shall coordinate all construction activities accordingly
  - e. Extra trips required due to delays by roofing subcontractor will be at no extra cost to Leopardo or the owner.
  - f. All warranties as specified.
  - g. All roofing materials and assemblies shall meet or exceed stated UL and FM standards in the specifications.
  - h. Subcontractor has included all required OSHA safety tie-off’s, roof patching, and etc. Subcontractor shall remove and dispose of all wood guard rails at roof levels to LCI dumpster. Subcontractor acknowledges that access to roof will not be provided. This subcontractor must take the appropriate action to ~~hoist-men provide access for labor~~ and materials to roof levels. Provide all support plates ~~as-shown if required~~.
3. **EPDM ROOFING SYSTEM**
  - a. All membrane roofing shown in all forms throughout the project.
  - b. Vapor barriers, cover boards, or other materials as specified or as recommended by the manufacturer.
  - c. Insulation shall meet or exceed performance criteria in the specifications. Required aged LTTR values shall be maintained per the latest test data and industry standards.
  - d. Apply insulation as recommended by the manufacturer and as specified to achieve the proper drainage to roof drains.
  - e. Include all cant strips, saddles and crickets.
  - f. Furnish and install roof expansion joints as shown for a complete system
  - g. Subcontractor has included ~~at the minimum (1)~~ additional trip(s) to come back at a later date for install



of parapet if required (weather permitting).

**4. ROOF RELATED SHEET METALS AND ACCESSORIES**

- a. Metal panel subcontractor shall furnish flat stock for roofer to fabricate and install coping and gravel stops at non-metal panel (masonry, etc.) areas. **This includes installing coping at trash enclosure.**
- b. Metal panel subcontractor shall furnish flat stock for roofer to fabricate and install downspouts, scuppers, and overflows
- c. Flash around all curbs and penetrations and equipment located in roof areas, including but not limited to, MEP penetrations/equipment, roof screens, drains, exhaust fans, vents, etc.
- d. Head flashings over window systems, framed walls and all other items requiring flashing at head of wall conditions. This subcontractor will be responsible for maintaining an integral flashing/sub flashing system from roofing to adjacent materials. Coordinate with other trades as required.
- e. All metal flashings and roof related sheet metal shall be prefinished per specs under this contract. Type and color of finish shall be as specified.
- f. Walkway pads as depicted.
- g. Provide all roof accessories
- h. All roof-related caulking.

**5. EXCLUSIONS**

- a) Metal fascia and soffits (by others)
- b) Flat stock for coping, gravel stops, **downspouts, scuppers, conductor heads, and overflows** at metal panel areas (by others)

END OF SECTION 00220.205



**SECTION 00220.207**  
**WORK SCOPE MISCELLANEOUS METALS**

The Scope of Work includes all labor, material, tools, equipment, scaffolding, hoisting, supervision and engineering as required to complete the Miscellaneous Metals Scope of Work in accordance with the Contract Documents and enumerated below:

Subcontractor understands the Contract Documents are scope documents that indicate the general scope of the project which may not indicate or describe all the work required for the full performance and completion of their work. Subcontractor includes all items reasonably inferable to complete their scope of work whether or not indicated on the Contract Documents.

**TRADE SPECIFIC – MISCELLANEOUS METALS**

1. See “General Work Scope” for General Requirement, applicable to all bid packages.

**2. GENERAL**

- a. Building permit is by the Owner. All other permits required for this work are the responsibility of this Contractor.
- b. Subcontractor acknowledges that CM will not be providing any cranes. Therefore, the Subcontractor includes providing a crane and operator as required for the installation of the Work.
- c. Subcontractor shall provide temporary generators with fuel for all work to be performed in the field under this contract.
- d. Subcontractor is responsible for all shipping, storage, transportation, and handling costs whatsoever required providing a steady flow of material to the site.
- e. All stored materials should be stored off the ground on dunnage and shall remain clean throughout the steel operation. Subcontractor shall clean steel pieces that become soiled.
- f. Subcontractor shall clean and provide touch-up painting of bolted and/or welded connections and abraded areas. After erection, field coat all abrasions, nuts, bolts, washers, and surfaces left unpainted that are scheduled to receive a prime coat with paint or galvanized coatings as required.
- g. Clean up and remove from site all excess crating, dunnage, etc., in connection with the work of this contract.

**3. MISCELLANEOUS METALS**

- a. Galvanized steel wherever called for in the contract documents.
- b. Furnish and install elevator sump pit cover in elevator shaft.
- c. Remove rust and touch-up of all primers in field prior to paint by others.
- d. Provide lifts, manpower to run lifts and safety equipment for owners testing agency inspections.
- e. Grind, brush, and finish all areas of exposed steel as required by the specifications.
- f. Misc. steel angles, channels, etc. as shown at partitions, exterior and interior overhead coiling doors, etc.
- g. All steel supports shown on the drawings for proper millwork installation shall be furnished by miscellaneous metals subcontractor including, but not limited to brackets associated with lavatory counters.
- h. Coordinate all work with structural steel contractor to insure proper reinforcing, dimensions, fitting, and accessories necessary for a complete installation.
- i. Furnish Masonry lintels for each elevator door for elevator opening. Installation by Masonry Subcontractor.
- j. Provide all misc. steel lintels as indicated on drawings. Installation by mason
- k. Elevator pit ladders and all other miscellaneous ladders shown.
- l. Steel posts in partial height gyp walls
- m. Miscellaneous steel subcontractor to be responsible to remove and maintain all toe boards and temporary cable railing (provided by structural steel sub)



- n. Miscellaneous steel contractor will be responsible to provide all miscellaneous steel not indicated in the structural steel contractors scope (See section 00220.206) and masonry scope (see section 00220.202) as needed to complete work for a complete miscellaneous steel package.
- o. Furnish Steel bollards. Installation by Site Concrete Subcontractor.
- p. All guardrails including, but not limited to exterior loading lift guardrail.
- q. **Furnish and install steel plates between stair stringer and back of storefront framing. See note 5.092 on sheet A501.**

#### 4. STAIRS AND RAILINGS

- a. Furnish and install all stair and related landings
- b. Include all secondary support for all landings as needed.
- c. Include Precast stair treads as required.
- d. Provide painted perforated cold rolled steel panel for decorative stairs.
- e. Stairs will be erected concurrently with structural steel so that they are complete at the earliest time possible.
- f. Subcontractor to provide delegated design per specifications requirements and as applicable for all stairs and railings.
- g. Provide supports and anchors related to railings for a complete system.
- h. Include finished channels and trim as needed where your system adjoins other finishes
- i. Grind, brush, and finish all areas of exposed steel as required by the specifications.
- j. All railings shall be ground smooth at the end of the project prior to final painting. Subcontractor has included re-priming and repairing any rust that might have occurred during the project.
- k. Installation of any wall mounted railings during a separate mobilization at direction of CM.
- l. Provide escutcheons as shown at railings
- m. Specified finishes and hardware required for entire railing. Coordinate with all trades your work interfaces with.
- n. Caulk to dissimilar surfaces.
- o. All stainless-steel handrails.
- p. Include finished channels and trim as needed where your system adjoins other finishes.
- q. Coordinate all work with Structural Steel Contractor to insure proper reinforcing, dimensioning, fitting, and accessories necessary for a complete installation. This contractor will be responsible to provide any construction not indicated on the Structural Steel Contractor scope (Section #051200) as needed to complete the Work.
- r. Work with Millworker and other trades as necessary.
- s. Remove toe board and associated attachments provided and installed by Concrete subcontractor. Remove and salvage safety cable provided by Structural Steel subcontractor. Removal of all temporary steel angle set in decking for covering openings by Structural Steel subcontractor.
- t. Include all railing systems including, but not limited to stair railing systems and roofing railing systems.

#### 5. SEISMIC REQUIREMENTS

- a. Meet or exceed all requirements necessary to comply with seismic codes for work as specified.

#### 6. EXCLUSIONS

- a. Cold Formed Metal Framing
- b. Exterior glass and interior glazing (except noted above)
- c. Trash Enclosure Gates (by fence sub)
- d. Elevator Hoist Beams for all elevator shafts. (by structural steel)
- e. Any work indicated as part of the structural steel scope (See section 00220.206)
- f. Metal screen wall panels and steel supports

END OF SECTION 00220.207



**SECTION 00220.211**  
**WORK SCOPE SECTIONAL DOORS**

The Scope of Work includes all labor, material, tools, equipment, scaffolding, hoisting, supervision and engineering as required to complete the **Sectional Doors** Scope of Work in accordance with the Contract Documents and enumerated below:

Subcontractor understands the Contract Documents are scope documents that indicate the general scope of the project which may not indicate or describe all the work required for the full performance and completion of their work. Subcontractor includes all items reasonably inferable to complete their scope of work whether or not indicated on the Contract Documents.

**TRADE SPECIFIC – SECTIONAL OVERHEAD DOORS**

1. See “General Work Scope” for General Requirements, applicable to all bid packages.

**2. GENERAL**

- a. Provide sufficient crew size and sufficient quantity of equipment, tools, and materials to conform to Leopardo project schedule. A full-time manager/supervisor and full-time competent safety supervisor shall be present during all work. Start date and sequence of the work to be at the direction of the Leopardo superintendent.
- b. Properly protect all materials stored on-site. LCI will not be responsible for damage to stored materials.

**3. SECTIONAL OVERHEAD DOORS**

- a. Include all sectional overhead doors, operating hardware, supports, controls, and components as specified.
- b. Subcontractor has included to furnish timers, control stations, transmitters, etc. for all overhead doors.
- c. Include cycle counters. One per door as specified.
- d. Subcontractor has included an additional 500 cycle warranty above the specified cycles for construction use and testing.
- e. Subcontractor shall provide low headroom clearance tracks, pillow blocks, special panel sizes, cables and pulleys if required. Coordinate with all MEP trades and structural framing.
- f. Subcontractor has included to furnish and install all required steel members above what is shown but may be required for proper installation of all overhead doors provided by this subcontractor. This includes but not limited to all tubes, angles, C-Channels, door track supports, operator supports and etc.
- g. Furnish and install caulking and sealant for own work.
- h. Subcontractor has included additional NO and NC contact closers for security interfacing on all overhead doors. Coordinate with security subcontractor number of contacts required for proper door operation and interfacing.
- i. Subcontractor has included to furnish all safety devices as specified in the contract documents. This includes but not limited to door bottoms, safety loops, limit switches and etc.
- j. The Building Electrical Subcontractor will provide all low voltage conduit and wire. Furnish all key switches, electric eyes, and safety bottoms to the Building Electrical Subcontractor for installation.
- k. Power wiring to operator shall be furnished by the Building Electrical Subcontractor. Low voltage wiring for the security system interface will be by others.
- l. This Subcontractor shall provide all required backing in drywall partitions as required. This includes, but not limited to wood blocking, tubes, angles and etc for a complete door installation. Coordinate with Carpentry Subcontractor before walls are drywalled.

**4. ALTERNATE #2: STATIONARY LOADING DOCK EQUIPMENT**

- a. **Provide and install all accessories as noted in specification section 111319.02.**
- b. **Coordinate shop drawings with Plumbing, Building Concrete, and Electrical contractors prior to concrete pit being formed. Reinforced concrete pit by Building Concrete subcontractor.**

END OF SECTION 00220.211



**SECTION 00400.205**  
**BID PROPOSAL FORM – 2-05 – Membrane Roofing**

ISSUE DATE: 10/22/2018  
BID DUE DATE: 11/13/2018 1:00 PM

PROJECT: Will County Health Department  
501 Ella Avenue  
Joliet, Illinois

Attn: Leopardo Companies  
Ali Borrelli  
AJBorrelli@leopardo.com  
Project Manager  
5200 Prairie Stone Parkway  
Hoffman Estates, Illinois 60192

CONSTRUCTION  
MANAGER: LEOPARDO COMPANIES, INC.

ARCHITECT: Kluber Architects + Engineers

FROM: \_\_\_\_\_

**Name of Bidder:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_

**Phone Number:** \_\_\_\_\_

Bidder, in compliance with the Invitation to Bid for construction contemplated for Bid Package **No. 2 Misc. Steel/Structural/Enclosure** having carefully examined the Bidding Documents and the site of the proposed Project and the conditions affecting the proposed Work in the Bid Category(ies) including the condition of the Project site, any surface or subsurface obstruction, the actual levels, all excavating, filling in, removal and demolition, measurements and quantities involved in the Work, the availability of labor, materials and equipment, and the weather conditions that may possibly may be experienced in the Project vicinity, proposes to furnish all labor, materials, tools, equipment, machinery, equipment rental, transportation, superintendence, and services as are necessary to perform all Work in the Bid Category(ies) stated in accordance with the Contract Documents for the Base Bid and Alternate amounts stated below.

If identified as one of the apparent lowest bidder(s) for a Bid Category Bidder agrees to meet immediately with the Leopardo Companies Inc. and shall submit post bid information as described in Section 00200 Instructions to Bidders.

Bidder, if awarded a contract, agrees to: (1) execute the Agreement within fifteen (15) days of receiving notice of the award; (2) provide performance/payment bonds and insurance certificates in full compliance with the Contract Documents, (3) submit the Project Safety Program as described in Section 00200 Instructions to Bidders; (4) commence Work upon execution of the Agreement or at such other time as directed in the notice of award, and (5) to complete its Work in accordance with the Contract Documents and within the milestone activity dates and durations set forth in the Bidding Documents and subsequent construction project master schedule established by Leopardo Companies Inc.



**BASE BID:** Bidder agrees to perform all Work for Bid Category(ies) as described in the Contract Documents, for the Base Bid(s) stated below. The cost of performance and payment bonds shall be considered as an ADD Alternate. For each Bid Category to be bid, include the Base Bid, written and in figures, and the bid category and description.

(Show amounts in both words and figures. In case of discrepancy, amount shown in words will govern).

**1. TOTAL BASE BID**

**Bid Category No. 2-05 – Membrane Roofing**

<b><u>BID CATEGORY</u></b>	<b><u>WRITTEN DESCRIPTION/AMOUNT(S)</u></b>	<b><u>BID AMOUNT IN FIGURES</u></b>
<b>Combined Total Base Bid (including allowances):</b>		
A. Material	_____	\$ _____
	DOLLARS	
B. Labor	_____	\$ _____
	DOLLARS	
<hr/>		
<b>TOTAL PROJECT COSTS</b>	_____	\$ _____
	DOLLARS	

**2. SCHEDULE OF VALUES: Bid Breakdown (Sum Must Match Above Total Including Allowances)**

A. Shop Drawings/Submittals	_____	\$ _____
	DOLLARS	
B. Allowances (See Below for Total)	_____	\$ _____
	DOLLARS	
C. EPDM Roofing	_____	\$ _____
	DOLLARS	
D. Walkway Pads	_____	\$ _____
	DOLLARS	
E. Sheet Metal Flashing & Trim	_____	\$ _____
	DOLLARS	
F. Roof Expansion Joint	_____	\$ _____
	DOLLARS	
G. Insulation/Vapor Retarder	_____	\$ _____
	DOLLARS	
H. All Other Items/Accessories Not Listed Above	_____	\$ _____
	DOLLARS	
F. PlanGrid/Pull Planning	_____	\$ _____
	DOLLARS	
	_____	_____



G.		\$
	DOLLARS	
H.		\$
	DOLLARS	

**ALLOWANCES (INCLUDED IN BASE BID)**

**ALLOWANCES:** The subcontractor expressly understands that the allowances listed below are included in the above Project Cost and are to be used for the work to be performed over and above the Scope of Work and the Contract Documents. Draws against these allowances will only be permitted with prior authorization from the Construction Manager's on site Project Manager.

Allowance #1: Miscellaneous Roofing	Five Thousand	\$5,000
	DOLLARS	
<hr/>		
<b>TOTAL ALLOWANCES</b>	<b>FIVE THOUSAND</b>	<b>\$5,000</b>
	DOLLARS	

**ALTERNATES**

**ALTERNATES:** The following Alternate(s) are requested be offered by the respective Bidders. In the event the Alternate is accepted, Bidder agrees to perform all Work necessary to complete the Work as modified by the Alternate in full accordance with the Contract Documents, for the following add or deduct from the Base Bid as indicated: (Show amount(s) in both words and figures for Alternates. In case of discrepancy, amount shown in words will govern.)

**SEE ALTERNATE LIST FOR A COMPLETE LIST OF ALTERNATES. INCLUDE AS AN ATTACHMENT TO THIS BID FORM**

<u>ALTERNATES DESCRIPTION</u>	<u>WRITTEN DESCRIPTION/AMOUNT(S)</u>	<u>ALLOWANCE FIGURES</u>
Alternate #1: Performance/Payment Bond		\$
ADD	DOLLARS	
Alternate #2: Deduct additional trip for parapet installation.		\$
<del>ADD</del> /DEDUCT	DOLLARS	
Alternate #3:		\$
ADD/DEDUCT	DOLLARS	

**VOLUNTARY ALTERNATES:** The following Alternate(s) to Base Bid(s) are voluntary to be offered by the respective Bidders. In the event the Voluntary Alternate is accepted, Bidder agrees to perform all Work necessary to complete the Work as modified by the Voluntary Alternate in full accordance with the Contract Documents, for the following add or



deduct from the Base Bid as indicated: (show amounts in both written words and numeric figures for Alternates. In case of discrepancy, amount shown in written words shall govern). Bidder is required to submit sufficient detailed information to fully describe each voluntary Alternate(s) on a separate sheet(s) attached to this Bid Proposal form. Bidders are encouraged to provide voluntary alternates that provide additional value or savings to the Village.

**UNIT PRICES:** The following Unit Prices to Base Bid Categories are required to be offered by the respective Bidders. Bidder agrees that the following amounts will be used in determining contract changes from the Base Bid for authorized Changes in the Work. Bidder shall not include these unit costs in the Base Bid amount(s). All unit prices shall include Bidder's mark-up for overhead and profit.

1.	Provide Labor and Equipment Rates on Separate Form	Attach Own Format
2.	Furnish & Install Complete EPDM Roofing System	\$ /SF
3.		\$ /LF
4.		\$

**QUANTITIES:** Bidders are required to submit the following quantities. Quantities will be used for the purpose of evaluating bids. Subcontractors will be responsible to provide the appropriate amount of material(s) necessary to complete the work regardless of the quantities listed below.

1.	Furnish & Install EPDM Roofing System	SF
2.	Submittals/Shop Drawings Durations (after award)	WEEKS
3.	Material Lead Times (after approval)	WEEKS
4.	Total Labor Hours	HRS
3.		

**PLEASE NOTE: ALL BLANKS MUST BE FILLED IN OR YOU MAY BE DEEMED NON-RESPONSIVE**



Labor/Equipment Rates: The bidder shall provide as a part of his proposal straight time and premium time labor rates for all classifications of trades people and equipment involved with the performance of the work required by this Bid Category. Rates are to include all payroll taxes, insurance fringes, overhead, and profit etc for a complete unit price and shall remain valid for the term of the contract. Rates are to be composite rates showing the cost for each of the components making up the hourly rate items

As of the date of submission of the Bid Proposal, Bidder's worker's compensation Experience Modification Rate (EMR) for the state in which the Work is to be performed is \_\_\_\_\_.

As of the date of submission of the Bid Proposal, Erector (if erector is to sub-tier subcontractor to Bidder) compensation Experience Modification Rate (EMR) for the state in which the Work is to be performed is \_\_\_\_\_.

Bidder understands that the Owner /Leopardo Companies Inc. reserve the right to reject any or all Bid Proposals and to waive any informalities or irregularities therein.

**Bidder acknowledges receipt of the following Addenda (identify no. and date of each):** \_\_\_\_\_

Bidder accepts the provisions of the Bidding and Contract Documents and certifies that this Bid Proposal is submitted in good faith and without collusion with any other person or entity submitting a Bid Proposal for the Work. [If Bidder is required to be licensed in the state where the work is performed add "Bidder certifies that it meets all licensing requirements of the state in which work is to be performed, its current license number and classification are as follows: \_\_\_\_\_"] Bidder hereby affixes its authorized signature(s) representing (check one):

\_\_\_\_\_ An individual doing business as \_\_\_\_\_  
\_\_\_\_\_ A partnership \_\_\_\_\_  
\_\_\_\_\_ A limited liability company, organized in \_\_\_\_\_ (enter state)  
\_\_\_\_\_ A corporation, organized in \_\_\_\_\_ (enter state)  
\_\_\_\_\_ Joint venture formed between \_\_\_\_\_ and \_\_\_\_\_

(Signature from authorized representatives of each partner are required)

Signature(s): \_\_\_\_\_

Title: \_\_\_\_\_

Name of firm: \_\_\_\_\_

Business address: \_\_\_\_\_

Telephone no.: \_\_\_\_\_ ( ) \_\_\_\_\_

**ATTACHMENTS (REQUIRED):**

- \_\_\_\_\_ Bid Bond or Cashier's Check (10% of Base Bid)
- \_\_\_\_\_ Labor & Machine Rate Sheet (Use Subcontractor's Own Form)
- \_\_\_\_\_ Subcontractor Qualification Form (Section 00440 in Project Manual Vol.1)
- \_\_\_\_\_ Signed Copy Prime Contractor Certification Form (Section 00430 in Project Manual Vol.1)

END OF SECTION 00400.205



**SECTION 00400.210  
BID PROPOSAL FORM – 2-10 – Elevator**

ISSUE DATE: 10/22/2018  
BID DUE DATE: 11/13/2018 1:00 PM

PROJECT: Will County Health Department  
501 Ella Avenue  
Joliet, Illinois

Attn: Leopardo Companies  
Ali Borrelli  
AJBorrelli@leopardo.com  
Project Manager  
5200 Prairie Stone Parkway  
Hoffman Estates, Illinois 60192

CONSTRUCTION  
MANAGER: LEOPARDO COMPANIES, INC.

ARCHITECT: Kluber Architects + Engineers

FROM: \_\_\_\_\_

**Name of Bidder:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_  
\_\_\_\_\_

**Phone Number:** \_\_\_\_\_

Bidder, in compliance with the Invitation to Bid for construction contemplated for Bid Package **No. 2 Misc. Steel/Structural/Enclosure** having carefully examined the Bidding Documents and the site of the proposed Project and the conditions affecting the proposed Work in the Bid Category(ies) including the condition of the Project site, any surface or subsurface obstruction, the actual levels, all excavating, filling in, removal and demolition, measurements and quantities involved in the Work, the availability of labor, materials and equipment, and the weather conditions that may possibly may be experienced in the Project vicinity, proposes to furnish all labor, materials, tools, equipment, machinery, equipment rental, transportation, superintendence, and services as are necessary to perform all Work in the Bid Category(ies) stated in accordance with the Contract Documents for the Base Bid and Alternate amounts stated below.

If identified as one of the apparent lowest bidder(s) for a Bid Category Bidder agrees to meet immediately with the Leopardo Companies Inc. and shall submit post bid information as described in Section 00200 Instructions to Bidders.

Bidder, if awarded a contract, agrees to: (1) execute the Agreement within fifteen (15) days of receiving notice of the award; (2) provide performance/payment bonds and insurance certificates in full compliance with the Contract Documents, (3) submit the Project Safety Program as described in Section 00200 Instructions to Bidders; (4) commence Work upon execution of the Agreement or at such other time as directed in the notice of award, and (5) to complete its Work in accordance with the Contract Documents and within the milestone activity dates and durations set forth in the Bidding Documents and subsequent construction project master schedule established by Leopardo Companies Inc.



**BASE BID:** Bidder agrees to perform all Work for Bid Category(ies) as described in the Contract Documents, for the Base Bid(s) stated below. The cost of performance and payment bonds shall be considered as an ADD Alternate. For each Bid Category to be bid, include the Base Bid, written and in figures, and the bid category and description.

(Show amounts in both words and figures. In case of discrepancy, amount shown in words will govern).

**1. TOTAL BASE BID**  
**Bid Category No 2-10 Elevator**

<u>BID CATEGORY</u>	<u>WRITTEN DESCRIPTION/AMOUNT(S)</u>	<u>BID AMOUNT IN FIGURES</u>
<b>Combined Total Base Bid (including allowances):</b>		
A. Material	_____	\$ _____
	DOLLARS	
B. Labor	_____	\$ _____
	DOLLARS	
<hr/>		
<b>TOTAL PROJECT COSTS</b>	_____	\$ _____
	DOLLARS	

**2. SCHEDULE OF VALUES: Bid Breakdown (Sum Must Match Above Total Including Allowances)**

A. Shop Drawings/Submittals	_____	\$ _____
	DOLLARS	
B. Allowances (See Below for Total)	_____	\$ _____
	DOLLARS	
C. Elevator Equipment/Material	_____	\$ _____
	DOLLARS	
D. Elevator Install	_____	\$ _____
	DOLLARS	
E. Maintenance Service Agreement	_____	\$ _____
	DOLLARS	
F. Temporary (3) month usage	_____	\$ _____
	DOLLARS	
G. PlanGrid/Pull Planning	_____	\$ _____
	DOLLARS	
H.	_____	\$ _____
	DOLLARS	

**ALLOWANCES (INCLUDED IN BASE BID)**

**ALLOWANCES:** The subcontractor expressly understands that the allowances listed below are included in the above Project Cost and are to be used for the work to be performed over and above the Scope of Work and the Contract



Documents. Draws against these allowances will only be permitted with prior authorization from the Construction Manager's on site Project Manager.

Allowance #1: Hoistway Work/Patching	Five Thousand	\$5,000
	DOLLARS	
Allowance #2: Re-Inspection Fees	Five Thousand	\$5,000
	DOLLARS	
<b>TOTAL ALLOWANCES</b>	<b>Ten Thousand</b>	<b>\$10,000</b>
	DOLLARS	

### ALTERNATES

ALTERNATES: The following Alternate(s) are requested be offered by the respective Bidders. In the event the Alternate is accepted, Bidder agrees to perform all Work necessary to complete the Work as modified by the Alternate in full accordance with the Contract Documents, for the following add or deduct from the Base Bid as indicated: (Show amount(s) in both words and figures for Alternates. In case of discrepancy, amount shown in words will govern.)

<u>ALTERNATE DESCRIPTION</u>	<u>WRITTEN DESCRIPTION/AMOUNT(S)</u>	<u>ALLOWANCE FIGURES</u>
Alternate #1: Performance/Payment Bond		\$
ADD	DOLLARS	
Alternate #2: 9 Month Temporary Usage & Extended Warranty		\$
DEDUCT	DOLLARS	
Alternate #3: Refurbish Car After Temporary Usage		\$
ADD	DOLLARS	
Alternate #4: (1) Day of Operator Time		\$
ADD	DOLLARS	
Alternate #5:		\$
ADD/DEDUCT	DOLLARS	

VOLUNTARY ALTERNATES: The following Alternate(s) to Base Bid(s) are voluntary to be offered by the respective Bidders. In the event the Voluntary Alternate is accepted, Bidder agrees to perform all Work necessary to complete the Work as modified by the Voluntary Alternate in full accordance with the Contract Documents, for the following add or deduct from the Base Bid as indicated: (show amounts in both written words and numeric figures for Alternates. In case of discrepancy, amount shown in written words shall govern). Bidder is required to submit sufficient detailed information to fully describe each voluntary Alternate(s) on a separate sheet(s) attached to this Bid Proposal form. Bidders are encouraged to provide voluntary alternates that provide additional value or savings to the Village.

UNIT PRICES: The following Unit Prices to Base Bid Categories are required to be offered by the respective Bidders. Bidder agrees that the following amounts will be used in determining contract changes from the Base Bid for authorized Changes in the Work. Bidder shall not include these unit costs in the Base Bid amount(s). All unit prices shall include Bidder's mark-up for overhead and profit.



- |    |  |                 |
|----|--|-----------------|
| 1. | 1 Month Elevator Construction Use with Extended Warranty | \$ _____ /MONTH |
| 2. | Include Labor and Equipment Rates on Separate Sheet      | _____           |
| 3. | 1 Day of Operator Time                                   | \$ _____ /DAY   |
| 4. |  | _____           |

**QUANTITIES/DURATIONS:** Bidders are required to submit the following quantities and/or durations used for evaluating bids. Subcontractors will be responsible to provide the appropriate amount of material(s) necessary to complete the work regardless of the quantities or durations listed below.

- |    |                          |                    |
|----|--------------------------|--------------------|
| 1. | Shop Drawing Time        | _____ WEEKS        |
| 2. | Fabrication Time         | _____ WEEKS        |
| 3. | <b>Total Labor Hours</b> | _____ <b>HOURS</b> |

**PLEASE NOTE: ALL BLANKS MUST BE FILLED IN OR YOU MAY BE DEEMED NON-RESPONSIVE**

**Labor/Equipment Rates:** The bidder shall provide as a part of his proposal straight time and premium time labor rates for all classifications of trades people and equipment involved with the performance of the work required by this Bid Category. Rates are to include all payroll taxes, insurance fringes, overhead, and profit etc for a complete unit price and shall remain valid for the term of the contract. Rates are to be composite rates showing the cost for each of the components making up the hourly rate items

As of the date of submission of the Bid Proposal, Bidder's worker's compensation Experience Modification Rate (EMR) for the state in which the Work is to be performed is \_\_\_\_\_.

As of the date of submission of the Bid Proposal, Erector (if erector is to sub-tier subcontractor to Bidder) compensation Experience Modification Rate (EMR) for the state in which the Work is to be performed is \_\_\_\_\_. \_\_\_\_\_.

Bidder understands that the Owner /Leopardo Companies Inc. reserve the right to reject any or all Bid Proposals and to waive any informalities or irregularities therein.

**Bidder acknowledges receipt of the following Addenda (identify no. and date of each):** \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

Bidder accepts the provisions of the Bidding and Contract Documents and certifies that this Bid Proposal is submitted in good faith and without collusion with any other person or entity submitting a Bid Proposal for the Work. [If Bidder is required to be licensed in the state where the work is performed add "Bidder certifies that it meets all licensing requirements of the state in which work is to be performed, its current license number and classification are as follows: \_\_\_\_\_"] Bidder hereby affixes its authorized signature(s) representing (check one):

- \_\_\_\_\_ An individual doing business as \_\_\_\_\_
- \_\_\_\_\_ A partnership \_\_\_\_\_
- \_\_\_\_\_ A limited liability company, organized in \_\_\_\_\_ (enter state)
- \_\_\_\_\_ A corporation, organized in \_\_\_\_\_ (enter state)



\_\_\_\_\_ Joint venture formed between \_\_\_\_\_ and \_\_\_\_\_

(Signature from authorized representatives of each partner are required)

Signature(s): \_\_\_\_\_

Title: \_\_\_\_\_

Name of firm: \_\_\_\_\_

Business address: \_\_\_\_\_

Telephone no.: ( ) \_\_\_\_\_

ATTACHMENTS (REQUIRED):

- \_\_\_\_\_ Bid Bond or Cashier's Check (10% of Base Bid)
- \_\_\_\_\_ Labor & Machine Rate Sheet (Use Subcontractor's Own Form)
- \_\_\_\_\_ Subcontractor Qualification Form (Section 00440 in Project Manual Vol.1)
- \_\_\_\_\_ Signed Copy Prime Contractor Certification Form (Section 00430 in Project Manual Vol.1)

END OF SECTION 00400.210



**SECTION 00400.211  
BID PROPOSAL FORM – 2-11 – Sectional Doors**

ISSUE DATE: 10/22/2018  
BID DUE DATE: 11/13/2018 1:00 PM

PROJECT: Will County Health Department  
501 Ella Avenue  
Joliet, Illinois

Attn: Leopardo Companies  
Ali Borrelli  
AJBorrelli@leopardo.com  
Project Manager  
5200 Prairie Stone Parkway  
Hoffman Estates, Illinois 60192

CONSTRUCTION  
MANAGER: LEOPARDO COMPANIES, INC.

ARCHITECT: Kluber Architects + Engineers

FROM: \_\_\_\_\_

**Name of Bidder:** \_\_\_\_\_

**Business Address:** \_\_\_\_\_  
\_\_\_\_\_

**Phone Number:** \_\_\_\_\_

Bidder, in compliance with the Invitation to Bid for construction contemplated for Bid Package **No. 2 Misc. Steel/Structural/Enclosure** having carefully examined the Bidding Documents and the site of the proposed Project and the conditions affecting the proposed Work in the Bid Category(ies) including the condition of the Project site, any surface or subsurface obstruction, the actual levels, all excavating, filling in, removal and demolition, measurements and quantities involved in the Work, the availability of labor, materials and equipment, and the weather conditions that may possibly may be experienced in the Project vicinity, proposes to furnish all labor, materials, tools, equipment, machinery, equipment rental, transportation, superintendence, and services as are necessary to perform all Work in the Bid Category(ies) stated in accordance with the Contract Documents for the Base Bid and Alternate amounts stated below.

If identified as one of the apparent lowest bidder(s) for a Bid Category Bidder agrees to meet immediately with the Leopardo Companies Inc. and shall submit post bid information as described in Section 00200 Instructions to Bidders.

Bidder, if awarded a contract, agrees to: (1) execute the Agreement within fifteen (15) days of receiving notice of the award; (2) provide performance/payment bonds and insurance certificates in full compliance with the Contract Documents, (3) submit the Project Safety Program as described in Section 00200 Instructions to Bidders; (4) commence Work upon execution of the Agreement or at such other time as directed in the notice of award, and (5) to complete its Work in accordance with the Contract Documents and within the milestone activity dates and durations set forth in the Bidding Documents and subsequent construction project master schedule established by Leopardo Companies Inc.



**BASE BID:** Bidder agrees to perform all Work for Bid Category(ies) as described in the Contract Documents, for the Base Bid(s) stated below. The cost of performance and payment bonds shall be considered as an ADD Alternate. For each Bid Category to be bid, include the Base Bid, written and in figures, and the bid category and description.

(Show amounts in both words and figures. In case of discrepancy, amount shown in words will govern).

**1. TOTAL BASE BID**

**Bid Category No. 2-11 - Sectional Doors**

<u>BID CATEGORY</u>	<u>WRITTEN DESCRIPTION/AMOUNT(S)</u>	<u>BID AMOUNT IN FIGURES</u>
<b>Combined Total Base Bid (including allowances):</b>		
A. Material	_____	\$ _____
	DOLLARS	
B. Labor	_____	\$ _____
	DOLLARS	
<hr/>		
<b>TOTAL PROJECT COSTS</b>	_____	<b>\$ _____</b>
	DOLLARS	

**2. SCHEDULE OF VALUES: Bid Breakdown (Sum Must Match Above Total Including Allowances)**

A. Shop Drawings/Submittals	_____	\$ _____
	DOLLARS	
B. Allowances (See Below for Total)	_____	\$ _____
	DOLLARS	
C. Sectional Overhead Doors	_____	\$ _____
	DOLLARS	
D. PlanGrid/Pull Planning	_____	\$ _____
	DOLLARS	
E.	_____	\$ _____
	DOLLARS	

**ALLOWANCES (INCLUDED IN BASE BID)**

**ALLOWANCES:** The subcontractor expressly understands that the allowances listed below are included in the above Project Cost and are to be used for the work to be performed over and above the Scope of Work and the Contract Documents. Draws against these allowances will only be permitted with prior authorization from the Construction Manager's on site Project Manager.

Allowance #1: N/A	ZERO	\$0
	DOLLARS	
<hr/>		
<b>TOTAL ALLOWANCES</b>	<b>ZERO</b>	<b>\$0</b>
	DOLLARS	



**ALTERNATES**

**ALTERNATES:** The following Alternate(s) are requested be offered by the respective Bidders. In the event the Alternate is accepted, Bidder agrees to perform all Work necessary to complete the Work as modified by the Alternate in full accordance with the Contract Documents, for the following add or deduct from the Base Bid as indicated: (Show amount(s) in both words and figures for Alternates. In case of discrepancy, amount shown in words will govern.)

<u>ALTERNATE DESCRIPTION</u>	<u>WRITTEN DESCRIPTION/AMOUNT(S)</u>	<u>ALLOWANCE FIGURES</u>
Alternate #1: Performance/Payment Bond		\$ _____
	ADD _____ DOLLARS	
Alternate #2: <b>Provide and Install Stationary Loading Dock Equipment</b>		\$ _____
	ADD _____ DOLLARS	

**VOLUNTARY ALTERNATES:** The following Alternate(s) to Base Bid(s) are voluntary to be offered by the respective Bidders. In the event the Voluntary Alternate is accepted, Bidder agrees to perform all Work necessary to complete the Work as modified by the Voluntary Alternate in full accordance with the Contract Documents, for the following add or deduct from the Base Bid as indicated: (show amounts in both written words and numeric figures for Alternates. In case of discrepancy, amount shown in written words shall govern). Bidder is required to submit sufficient detailed information to fully describe each voluntary Alternate(s) on a separate sheet(s) attached to this Bid Proposal form. Bidders are encouraged to provide voluntary alternates that provide additional value or savings to the Village.

**UNIT PRICES:** The following Unit Prices to Base Bid Categories are required to be offered by the respective Bidders. Bidder agrees that the following amounts will be used in determining contract changes from the Base Bid for authorized Changes in the Work. Bidder shall not include these unit costs in the Base Bid amount(s). All unit prices shall include Bidder's mark-up for overhead and profit.

1. Provide Labor and Equipment Rates on Separate Sheet	<u>Attach Own Format</u>
2.	\$ _____ /HR

**QUANTITIES:** Bidders are required to submit the following quantities. Quantities will be used for the purpose of evaluating bids. Subcontractors will be responsible to provide the appropriate amount of material(s) necessary to complete the work regardless of the quantities listed below.

1. Sectional Overhead Doors	_____ EA
2. Total Labor Hours	_____ HRS
3. Submittal Lead Time	_____ DAYS
4. Fabrication Lead Time	_____ DAYS



**PLEASE NOTE: ALL BLANKS MUST BE FILLED IN OR YOU MAY BE DEEMED NON-RESPONSIVE**

Labor/Equipment Rates: The bidder shall provide as a part of his proposal straight time and premium time labor rates for all classifications of trades people and equipment involved with the performance of the work required by this Bid Category. Rates are to include all payroll taxes, insurance fringes, overhead, and profit etc for a complete unit price and shall remain valid for the term of the contract. Rates are to be composite rates showing the cost for each of the components making up the hourly rate items

As of the date of submission of the Bid Proposal, Bidder's worker's compensation Experience Modification Rate (EMR) for the state in which the Work is to be performed is \_\_\_\_\_.

As of the date of submission of the Bid Proposal, Erector (if erector is to sub-tier subcontractor to Bidder) compensation Experience Modification Rate (EMR) for the state in which the Work is to be performed is \_\_\_\_\_.

Bidder understands that the Owner /Leopardo Companies Inc. reserve the right to reject any or all Bid Proposals and to waive any informalities or irregularities therein.

**Bidder acknowledges receipt of the following Addenda (identify no. and date of each):** \_\_\_\_\_

Bidder accepts the provisions of the Bidding and Contract Documents and certifies that this Bid Proposal is submitted in good faith and without collusion with any other person or entity submitting a Bid Proposal for the Work. [If Bidder is required to be licensed in the state where the work is performed add "Bidder certifies that it meets all licensing requirements of the state in which work is to be performed, its current license number and classification are as follows: \_\_\_\_\_"] Bidder hereby affixes its authorized signature(s) representing (check one):

- \_\_\_\_\_ An individual doing business as \_\_\_\_\_
- \_\_\_\_\_ A partnership \_\_\_\_\_
- \_\_\_\_\_ A limited liability company, organized in \_\_\_\_\_ (enter state)
- \_\_\_\_\_ A corporation, organized in \_\_\_\_\_ (enter state)
- \_\_\_\_\_ Joint venture formed between \_\_\_\_\_ and \_\_\_\_\_

(Signature from authorized representatives of each partner are required)

Signature(s): \_\_\_\_\_

Title: \_\_\_\_\_

Name of firm: \_\_\_\_\_

Business address: \_\_\_\_\_

Telephone no.: ( ) \_\_\_\_\_

**ATTACHMENTS (REQUIRED):**

- \_\_\_\_\_ Bid Bond or Cashier's Check (10% of Base Bid)
- \_\_\_\_\_ Labor & Machine Rate Sheet (Use Subcontractor's Own Form)
- \_\_\_\_\_ Subcontractor Qualification Form (Section 00440 in Project Manual Vol.1)
- \_\_\_\_\_ Signed Copy Prime Contractor Certification Form (Section 00430 in Project Manual Vol.1)



END OF SECTION 00400.211



**SECTION 00 91 04  
BP #2 - ADDENDUM NUMBER 1**

**DATE:**               **OCTOBER 31, 2018**

**PROJECT:**           **WILL COUNTY HEALTH DEPARTMENT - NEW HEALTH DEPARTMENT  
BUILDING  
501 ELLA AVENUE  
JOLIET, ILLINOIS 60433**

**PROJECT NO:**       **17-401-1124**

**OWNER:**            **THE COUNTY OF WILL  
302 NORTH CHICAGO STREET  
JOLIET, ILLINOIS 60432**

**TO:**                   **PROSPECTIVE BIDDERS / PLANHOLDERS OF RECORD**

**This Addendum forms a part of the Contract Documents and modifies the Bidding Documents For Bid Package #2 dated 10/23/2018, with amendments and additions noted below. Acknowledge receipt of this Addendum in the space provided in the Bid Form. Failure to do so may subject the Bidder to disqualification.**

**This Addendum consists of Five (5) pages and Drawings A311, A312, A322, A501, A700, A1000, S311, S312, S312S, S321, S321S, S322, S322S, S331, S331S, S332, S332S, S342 & S600.**

**CHANGES TO SPECIFICATIONS**

**1.01 SECTION 03 20 00.02 - CONCRETE REINFORCING**

**A. Under Article 1.02 RELATED REQUIREMENTS:**

**1. Add new Paragraph A as follows:**

**"A. Section 01 45 33 - Code - Required Special Inspections."**

**B. Under Article 3.02 - FIELD QUALITY CONTROL**

**1. Delete Paragraph A and replace with the following:**

- 2. "A. An independent testing agency, as specified in Section 01 45 33 - Code - Required Special Inspections, will inspect installed reinforcement for conformance to contract documents before concrete placement."**



## **1.02 SECTION 03 30 00.02 - CAST-IN-PLACE CONCRETE**

- A. Under Article 1.03 RELATED REQUIREMENTS:
  - 1. Add new Paragraph A as follows:  
"A. Section 01 45 33 - Code - Required Special Inspections."
- B. Add new Article 3.08 FIELD QUALITY CONTROL
  - 1. Add new Paragraph A as follows:  
"A. An independent testing agency will perform field quality control tests, as specified in Section 01 45 33 - Code - Required special Inspections."

## **1.03 SECTION 04 20 00.02 - UNIT MASONRY**

- A. Under Article 1.03 RELATED REQUIRMENTS:
  - 1. Delete Paragraph A and replace with the following:  
"A. Section 01 45 33 - Code - Required Special Inspections."
- B. Under Article 3.17 FIELD QUALITY CONTROL
  - 1. Delete Paragraph A and replace with the following:  
"An independent testing agency will perform field quality control tests, as specified in Section 01 45 33 - Code - Required Special Inspections."

## **1.04 SECTION 05 12 00.02 - STRUCTURAL STEEL FRAMING**

- A. Under Article 1.03 RELATED REQUIREMENTS:
  - 1. Delete Paragraph A and replace with the folloiwng:  
"A. Section 01 45 33 - Code - Required Special Inspections."
- B. Under Article 2.03 FINISH:
  - 1. Add new Paragraph D.1. as follows:  
"1. The following rooms do not have a finished ceiling and will require all exposed steel members to be prime painted:
    - a. First Floor Room Numbers: 1015, 1122, 1301, 1303, 1304, 1307, and 1309.
    - b. Second Floor Room Numbers: 2005, 2008, and 2288."
- C. Under Article 3.04 FIELD QUALITY CONTROL
  - 1. Delete Paragraph A and replace with the folloiwng:  
"A. An independent testing agency will perform field quality control tests, as specified in Section 01 45 33 - Code - Required Special Inspections."

## **1.05 SECTION 05 31 00.02 - STEEL DECKING**

- A. Under Article 1.02 RELATED REQUIRMENTS
  - 1. Delete Paragraph A and replace with the following:  
"A. Section 01 45 33 - Code - Required Special Inspections."
- B. Under Article 3.03 FIELD QUALITY CONTROL
  - 1. Delete Paragraph A and replace with the following:  
"An independent testing agency will perform field quality control tests, as specified in Section 01 45 33 - Code - Required Special Inspections."



## **1.06 SECTION 07 53 00.02 - ELASTOMERIC MEMBRANE ROOFING**

- A. Under Article 2.02 ROOFING
  - 1. Delete Paragraph B1 in its entirety.

## **1.07 SECTION 11 13 19.02 - STATIONARY LOADING DOCK EQUIPMENT**

- A. Under Article 1.01 SECTION INCLUDES
  - 1. Delete Paragraph B. Vehicle Restraints in its entirety.

## **CHANGES TO THE DRAWINGS**

### **2.01 DRAWING A311 - FIRST FLOOR PLAN - AREA 'A'**

- A. Delete Plan Detail Reference 12/A1000 near Column Line C13 in Room 1114.
- B. Revise east wall of Room 1122 thickness to match G6e wall tag.
- C. Added drywall wall framing and drywall at North wall of Hallway Room 1119 - west of Door Opening 1121.1. Refer to plan detail for drywall / furring thickness.

### **2.02 DRAWING A312 - FIRST FLOOR PLAN - AREA 'B'**

- A. Revise location of Door Opening 1310.1 leading to the stairwell room number 1310 as indicated. Note: Door opening has been shifted south as indicated. No change to frame size.
- B. Trash Enclosure Area: Added Control Joints and Sealant to South Wall of Trash Enclosure. Added Keynotes: 4.812, 4.813, 7.910 & 7.920.

### **2.03 DRAWING A322 - SECOND FLOOR PLAN - AREA 'B'**

- A. Revise location of Door Opening 2294.1 leading to the stairwell room number 2294 as indicated. Note: Door opening has been shifted south as indicated. No change to frame size.

### **2.04 DRAWING A501 - ENLARGED PLANS**

- A. Detail 1/A501 - East Stair - First Floor: Revise location of Door Opening 1310.11 leading to stairwell room number 1310 as indicated. Note: Door opening has been shifted south as indicated. No change to frame size.
- B. Detail 2/A501 - East Stair - Second Floor: Revise location of Door Opening 2294.1 leading to stairwell room number 2294 as indicated. Note: Door opening has been shifted south as indicated. No change to frame size.
- C. Detail 3/A501 - West Stair - First Floor: Added interior drywall at south wall as indicated.
- D. Detail 4/A501 - East Stair - Roof Level: Revise location of Door Opening 3294.1 leading to the roof from stairwell room number 3294 as indicated. Note: Door opening has been shifted south as indicated. No change to frame size.
- E. Detail 6/A501 - Trash Enclosure Plan: Add control joints and sealant to south wall of trash enclosure. Added Keynotes: 4.812, 4.813, 7.910 & 7.920
- F. Detail 7/A501 - Trash Enclosure Elevation "Rear": Add control joints and sealant to south wall of trash enclosure. Added Keynotes: 4.812, 4.813, 7.910 & 7.920.



## **2.05 DRAWING A700 - EXTERIOR BUILDING ELEVATIONS**

- A. Detail 4/A700 - Partial West Elevation: Revise location of Door Opening 1310.11 leading to stairwell room number 1310 from the roof as indicated. Note: Door opening has been shifted south as indicated. No change to frame size.

## **2.06 DRAWING A1000 - PLAN DETAILS**

- A. Detail 11/A1000 - Plan Detail: Revise detail to indicate revised interior drywall wall framing and drywall as shown.
- B. Detail 15/A1000 - Typical Plan Detail: Revise detail to indicate added interior drywall wall framing and drywall as shown.

## **2.07 DRAWING S311 - PARTIAL FOUNDATION PLAN - AREA 'A'**

- A. Delete drawing in its entirety and replace with drawing number S311 (attached). Refer to revision cloud for specific changes.

## **2.08 DRAWING S312 - PARTIAL FOUNDATION PLAN - AREA 'B'**

- A. Delete drawing in its entirety and replace with drawing number S312 (attached). Refer to revision cloud for specific changes.

## **2.09 DRAWING S312S - PARTIAL SLAB ON GRADE PLAN - AREA 'B'**

- A. Delete drawing in its entirety and replace with drawing number S312S (attached). Refer to revision cloud for specific changes.

## **2.10 DRAWING S321 - PARTIAL SECOND FLOOR FRAMING PLAN - AREA 'A'**

- A. Delete drawing in its entirety and replace with drawing number S321 (attached). Refer to revision cloud for specific changes.

## **2.11 DRAWING S321S - PARTIAL SECOND FLOOR SLAB & LINTEL PLAN - AREA 'A'**

- A. Delete drawing in its entirety and replace with drawing number S321S (attached). Refer to revision cloud for specific changes.

## **2.12 DRAWING S322 - PARTIAL SECOND FLOOR FRAMING PLAN - AREA 'B'**

- A. Delete drawing in its entirety and replace with drawing number S322 (attached). Refer to revision cloud for specific changes.

## **2.13 DRAWING S322S - PARTIAL SECOND FLOOR SLAB & LINTEL PLAN - AREA 'B'**

- A. Delete drawing in its entirety and replace with drawing number S322S (attached). Refer to revision cloud for specific changes.

## **2.14 DRAWING S331 - PARTIAL ROOF FRAMING PLAN - AREA 'A'**

- A. Delete drawing in its entirety and replace with drawing number S331 (attached). Refer to revision cloud for specific changes.



**2.15 DRAWING S331S - PARTIAL ROOF SLAB & LINTEL PLAN - AREA 'A'**

- A. Delete drawing in its entirety and replace with drawing number S331S (attached). Refer to revision cloud for specific changes.

**2.16 DRAWING S332 - PARTIAL ROOF FRAMING PLAN - AREA 'B'**

- A. Delete drawing in its entirety and replace with drawing number S332 (attached). Refer to revision cloud for specific changes.

**2.17 DRAWING S332S - PARTIAL ROOF SLAB & LINTEL PLAN - AREA 'B'**

- A. Delete drawing in its entirety and replace with drawing number S332S (attached). Refer to revision cloud for specific changes.

**2.18 DRAWING S342 - PARTIAL HIGH ROOF & SCREEN WALL FRAMING PLAN - AREA 'B'**

- A. Delete drawing in its entirety and replace with drawing number S332 (attached). Refer to revision cloud for specific changes.

**2.19 DRAWING S600 - STANDARD ROOF FRAMING SECTIONS AND DETAILS**

- A. Delete drawing in its entirety and replace with drawing number S600 (attached). Refer to revision cloud for specific changes.

**END OF DOCUMENT**



## KEYNOTES

- KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.
- 1.101 OWNER-PROVIDED ITEM (N.I.C.): OFFICE EQUIPMENT; SMALL PHOTOCOPY MACHINE.
  - 1.109 OWNER-PROVIDED ITEM (N.I.C.): OFFICE EQUIPMENT; VENDING MACHINE.
  - 1.171 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: COMMERCIAL EQUIPMENT; COMMERCIAL REFRIGERATOR.
  - 1.178 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: COMMERCIAL EQUIPMENT; POWERED EXAM TABLE.
  - 1.181 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: RESIDENTIAL EQUIPMENT; REFRIGERATOR.
  - 3.030 CAST-IN-PLACE CONCRETE; REFER TO STRUCTURAL DRAWINGS.
  - 3.033 CAST-IN-PLACE CONCRETE; 4" HIGH HOUSEKEEPING PAD. SIZED TO ACCOMMODATE EQUIPMENT.
  - 5.073 GLAZED DECORATIVE METAL RAILING SYSTEM WITH STAINLESS STEEL STANDOFFS DRILLED AND TAPPED TO STEEL TUBE. REFER TO SPECIFICATIONS.
  - 5.076 METAL FABRICATION: STEEL ACCESS LADDER.
  - 6.455 ARCHITECTURAL WOOD CASEWORK: PLASTIC LAMINATE; ADJUSTABLE SHELVES; 5 SHELVES HIGH.
  - 6.426 ARCHITECTURAL WOOD CASEWORK; PLASTIC LAMINATE LOCKERS: TWO-TIER, Z-TYPE, TYPICAL; REFER TO SPECIFICATIONS. PROVIDE 5% OF LOWER LOCKERS AS HANDICAPPED ACCESSIBLE UNITS.
  - 10.142 SIGNAGE: INTERIOR ELECTRONIC DIRECTORY SIGNAGE IN CUSTOM PLASTIC LAMINATE ENCLOSURE. ALLOWANCE. REFER TO SPECIFICATIONS.
  - 10.222 FOLDING PANEL PARTITION AND TRACK ASSEMBLY; PROVIDE ANCHOR SPACING TO STEEL CONTRACTOR. REFER TO SPECIFICATIONS.
  - 10.440 FIRE PROTECTION SPECIALTY: FIRE EXTINGUISHER AND CABINET.
  - 10.441 FIRE PROTECTION SPECIALTY: FIRE EXTINGUISHER AND WALL BRACKET.
  - 11.523 AUDIO-VISUAL EQUIPMENT: VIDEO MONITOR; WALL MOUNTED. REFER TO TECHNOLOGY DRAWINGS.

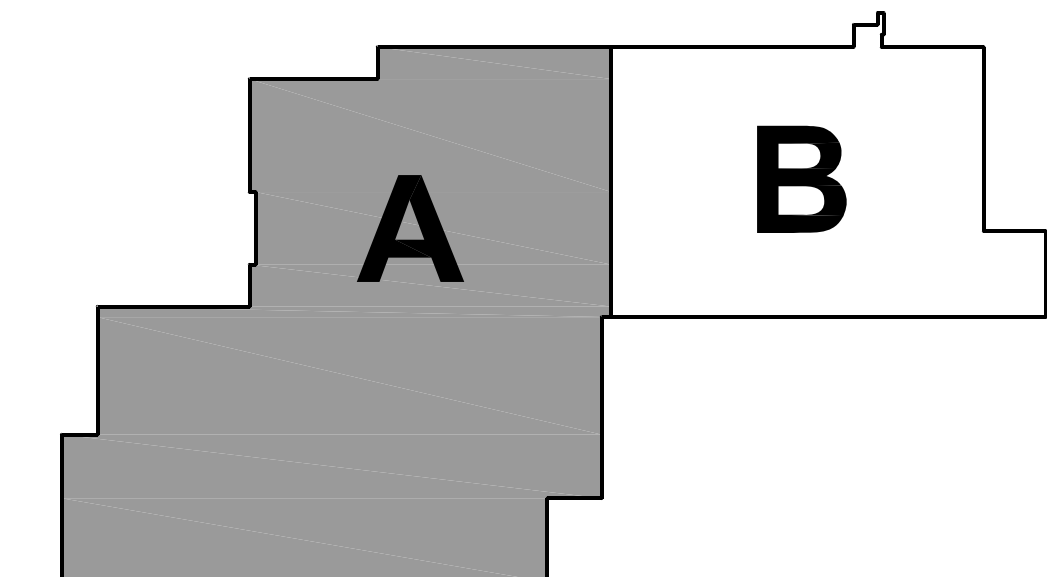
## ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
1000	VESTIBULE	1137	CORRIDOR
1001	RECEPTION	1138	CLOSET
1002	SECURITY	1139	CORRIDOR
1003	LOBBY	1140	CONSULT
1004	ELEVATOR	1141	MENS RESTROOM
1005A	MULTIPURPOSE ROOM	1142	IDF
1005B	MULTIPURPOSE ROOM	1143	WOMENS RESTROOM
1006	EOC STORAGE	1144	BREAK ROOM
1007	ELEVATOR EQUIPMENT	1145	CORRIDOR
1008	IDF	1146	CORRIDOR
1009	WAITING	1147	ACTIVE FILES ROOM
1010	VITAL RECORDS RECEPTION	1148	WORK ROOM
1011	VITAL RECORDS OFFICE	1149	CHECK OUT COUNTER
1012	CUSTOMER	1150	CORRIDOR
1013	CORRIDOR	1151	IMMUNIZATION INTAKE
1014	WOMENS RESTROOM	1152	SUPPLY
1015	ELECTRICAL	1153	NOT USED
1016	MENS RESTROOM	1154	OFFICE
1017	BIO WASTE STORAGE	1155	INJECTION ROOM
1018	VESTIBULE	1156	CONSULT
1100	ENTRY AREA	1157	INJECTION ROOM
1101	WOMENS RESTROOM	1158	CORRIDOR
1102	MENS RESTROOM	1159	INJECTION ROOM
1103	WAITING ROOM	1160	VACCINE PREP ROOM
1103A	KID ZONE-WAITING	1162	OPEN OFFICE
1104	INTAKE AREA	1163	NOT USED
1105	CORRIDOR	1164	COORDINATOR OFFICE
1106	ANTHRO ROOM	1165	NOT USED
1107	CHP-1	1166	TELEDATA
1108	CHP-2	1167	MENS RESTROOM
1110	WAITING ROOM	1168	CONSULT
1111	CHP-3	1169	WOMENS RESTROOM
1112	CHP-4	1170	MANAGER OFFICE
1113	CHP-5	1171	CORRIDOR
1114	CHP-6	1172	LAB/ANTHRO
1115	CHP-7	1173	COPY/FILES STORAGE
1116	CHP-8	1174	CLOSET
1117	CHP-9	1175	WORKSTATIONS
1118	ANTHRO ROOM	1176	WAITING
1119	CORRIDOR	1176A	CLASSROOM
1120	CHP-10	1176B	CLASSROOM
1121	STAIR	1177	CORRIDOR
1122	UTILITY	1178	VISION/HEARING
1123	CORRIDOR	1179	MANAGER OFFICE
1124	EXAM ROOM	1180	STORAGE
1126	CONSULT	1200	WAITING
1127	CHP-11	1201	CONFERENCE ROOM
1128	HRM	1202	OPEN OFFICE
1129	CHP-12	1203	ACTIVE FILES
1130	OFFICE	1204	REIMBURSEMENT OFFICE
1131	CHP-13	1205	NOT USED
1132	PROGRAM MANAGER OFFICE	1206	PROGRAM MANAGER
1133	UNISEX BATHROOM		
1134	BREAST FEEDING OFFICE		
1135	BREAST FEEDING		
1136	COORDINATOR OFFICE		

## GENERAL NOTES

- REFER TO DRAWING G200 FOR PROJECT GENERAL NOTES.
- COORDINATE FIRE RATED ASSEMBLIES INFORMATION CONTAINED ON DRAWING G301 & G302 WITH THE WORK OF ALL CONTRACTS.
- GYPSON WALLS ARE WALL TYPE G30 UNLESS TAGGED OTHERWISE.
- INTERIOR MASONRY WALLS ARE WALL TYPE M80 UNLESS TAGGED OTHERWISE.
- APPLY FIREPROOFING TO STRUCTURAL STEEL COLUMNS AND BEAMS SUPPORTING FIRE RESISTANCE RATED ASSEMBLIES. COORDINATE WITH FIREPROOFING SCHEDULE AND STRUCTURAL STEEL DRAWINGS.
- IN METAL STUD/GYPSON BOARD PARTITIONS, WALLS AND CEILINGS, PROVIDE 2X FIRE RETARDANT TREATED WOOD BLOCKING FOR WALL-MOUNTED OR CEILING-MOUNTED ITEMS REQUIRING MECHANICAL ANCHORAGE.

## KEY PLAN



## PARTIAL FIRST FLOOR PLAN - AREA 'A'

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

## WILL COUNTY HEALTH DEPARTMENT

THE COUNTY OF WILL  
501 ELLA AVENUE  
JOLIET, IL 60433

ISSUED	DATE	BY	FOR
1	10/10/18	B.P.	ADDENDUM #1
2	10/10/18	B.P.	ADDENDUM #2
3	10/10/18	B.P.	ADDENDUM #3
4	10/23/18	B.P.	ADDENDUM #4
5	10/23/18	B.P.	ADDENDUM #5
6	10/23/18	B.P.	ADDENDUM #6

JOB NO. 17-401-1124  
DRAWN HMA  
CHECKED CDH  
APPROVED CJH

SHEET TITLE

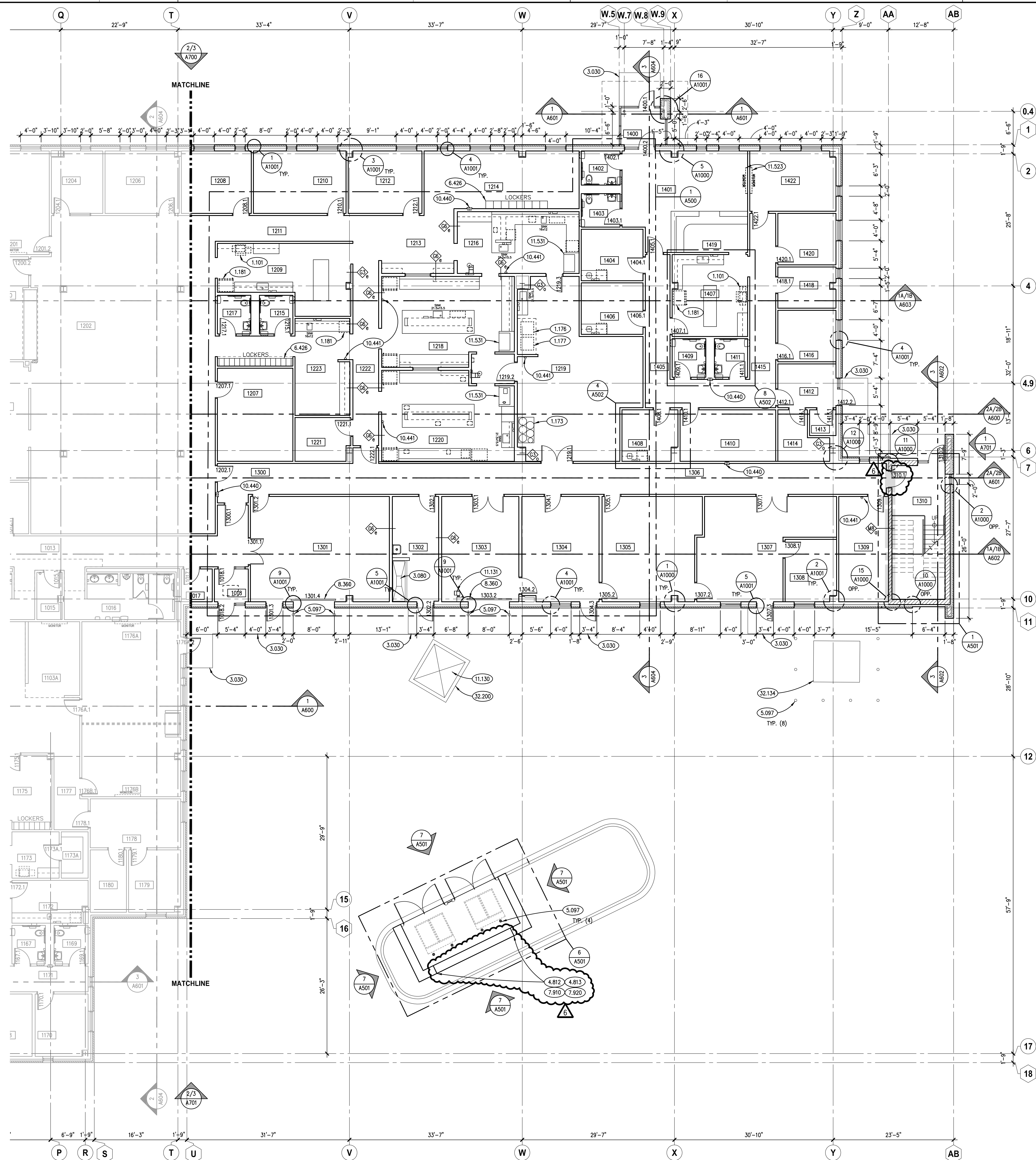
PARTIAL FIRST FLOOR PLAN - AREA 'A'

SHEET NUMBER

A311

**Kluber**  
Architects + Engineers  
Baltimore, Illinois 60510  
Tel. 630.406.2113  
Gurnee, Illinois 60031  
Tel. 847.336.4428  
www.kluberinc.com





## KEYNOTES

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- 1.101 OWNER-PROVIDED ITEM (N.I.C.): OFFICE EQUIPMENT; SMALL PHOTOCOPY MACHINE.  
 1.173 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: COMMERCIAL EQUIPMENT; DE-IONIZED WATER SYSTEM.  
 1.176 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: COMMERCIAL EQUIPMENT; AUTOCLAVE.  
 1.177 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: COMMERCIAL EQUIPMENT; COMMERCIAL DISHWASHER.  
 1.181 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: RESIDENTIAL EQUIPMENT; REFRIGERATOR.
- 3.030 CAST-IN-PLACE CONCRETE: REFER TO STRUCTURAL DRAWINGS.  
 3.080 SLOPE AREA OF SLAB TO FLOOR DRAIN, TYPICAL.
- 4.812 MASONRY ASSEMBLY: CONCRETE MASONRY CONTROL JOINT.  
 4.813 MASONRY ASSEMBLY: BRICK MASONRY EXPANSION JOINT (TYPICAL).
- 5.097 METAL FABRICATION: STEEL BOLLARD; 6" O.D.; CONCRETE FILLED. INSTALL 42 INCHES BELOW GRADE IN 16" DIA. CONCRETE PIER AND 34 INCHES ABOVE FINISHED GRADE. PRIME AND TWO COATS ENAMEL PAINT.
- 6.426 ARCHITECTURAL WOOD CASEWORK; PLASTIC LAMINATE LOCKERS: TWO-TIER, Z-TYPE, TYPICAL; REFER TO SPECIFICATIONS. PROVIDE 5% OF LOWER LOCKERS AS HANDICAPPED ACCESSIBLE UNITS.
- 7.910 PREFORMED JOINT SEALANT: REFER TO SPECIFICATIONS.  
 7.920 JOINT SEALANT: REFER TO SCHEDULE IN SPECIFICATION SECTION 07 92 00; PROVIDE BACKER ROD OR BOND BREAKER.
- 8.360 SECTIONAL OVERHEAD DOOR: 8'-0" WIDE X 9'-4" TALL.
- 10.440 FIRE PROTECTION SPECIALTY: FIRE EXTINGUISHER AND CABINET.  
 10.441 FIRE PROTECTION SPECIALTY: FIRE EXTINGUISHER AND WALL BRACKET.
- 11.130 LOADING DOCK EQUIPMENT: DOCK LIFT WITH GUARD RAIL SYSTEM. RECESSED INTO PAVEMENT. REFER TO PIT DETAILS ON THIS SHEET. PROVIDE OPEN PVC CONDUITS FOR ELECTRIC AND HYDRAULIC LINES AS REQUIRED BY MANUFACTURER. REFER TO SPECIFICATIONS.  
 11.131 LOADING DOCK EQUIPMENT: DOCK LIFT CONTROLLER. REFER TO SPECIFICATIONS.  
 11.523 AUDIO-VISUAL EQUIPMENT: VIDEO MONITOR; WALL MOUNTED. REFER TO TECHNOLOGY DRAWINGS.  
 11.531 LABORATORY EQUIPMENT: FUME HOOD. REFER TO SPECIFICATIONS.
- 32.134 CONCRETE PAVING: CAST-IN-PLACE CONCRETE TRANSFORMER PAD. COORDINATE WITH COM-ED PAD SIZING AND DETAILING REQUIRED TO BE INSTALLED.  
 32.200 CAST-IN-PLACE CONCRETE: LIFT PIT. PROVIDE 1/2" OF 4,500 PSI, 6% AIR. COORDINATE ALL DIMENSIONS WITH MANUFACTURER.

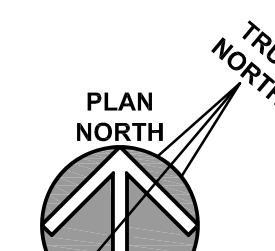
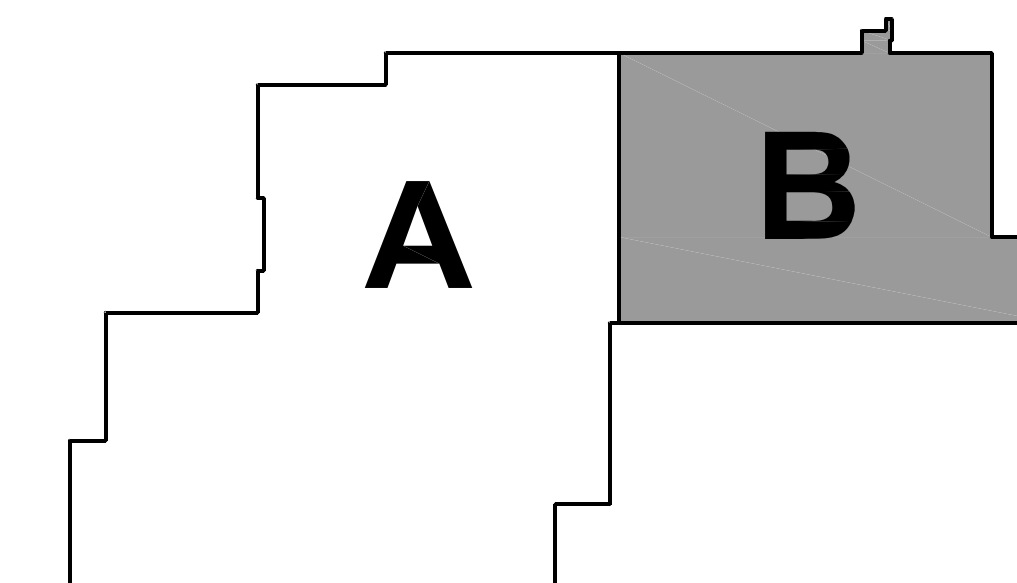
## ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
1203	ACTIVE FILES	1400	VESTIBULE
1204	REIMBURSEMENT OFFICE	1401	WAITING ROOM
1205	NOT USED	1402	MENS RESTROOM
1206	PROGRAM MANAGER	1403	WOMENS RESTROOM
1207	ARCHIVE FILES	1404	EXAM ROOM
1208	PROGRAM COORDINATOR	1405	CORRIDOR
1209	WORKROOM	1406	EXAM ROOM
1210	DIRECTOR OFFICE	1407	COPY/WORK ROOM
1211	CORRIDOR	1408	XRAY EXAM ROOM
1212	LAB COORDINATOR OFFICE	1409	MENS RESTROOM
1213	CORRIDOR	1410	XRAY ROOM
1214	LAB ANALYST OPEN OFFICE	1411	WOMENS RESTROOM
1215	MENS RESTROOM	1412	WAITING ROOM
1216	MICROBIOLOGY LAB	1413	MEDICAL WASTE ROOM
1217	WOMENS RESTROOM	1414	STORAGE
1218	NON-POTABLE LAB	1415	CORRIDOR
1219	LAB STORAGE/UTILITY	1416	OFFICE
1220	CHEMISTRY LAB	1417	FILES ROOM
1221	CLOSET	1418	RECEPTION WORKSPACE
1222	CORRIDOR	1419	OFFICE
1223	ENVIRONMENTAL SAMPLE	1420	CONFERENCE ROOM
		1421	CONFERENCE ROOM
		1422	CONFERENCE ROOM
1300	CORRIDOR		
1301	EPP STORAGE		
1302	MUD ROOM		
1303	DOCK		
1304	RECEIVING		
1305	ACCOUNTS PAYABLE		
1306	CORRIDOR		
1307	FACILITIES		
1308	FACILITIES MANAGER OFFICE		
1309	ELECTRICAL		
1310	STAIR		

## GENERAL NOTES

- REFER TO DRAWING G200 FOR PROJECT GENERAL NOTES.
- COORDINATE FIRE RATED ASSEMBLIES INFORMATION CONTAINED ON DRAWING G301 & G302 WITH THE WORK OF ALL CONTRACTS.
- GYPSUM WALLS ARE WALL TYPE G3a UNLESS TAGGED OTHERWISE.
- INTERIOR MASONRY WALLS ARE WALL TYPE M8a UNLESS TAGGED OTHERWISE.
- APPLY FIREPROOFING TO STRUCTURAL STEEL COLUMNS AND BEAMS SUPPORTING FIRE RESISTANCE RATED ASSEMBLIES. COORDINATE WITH FIREPROOFING SCHEDULE AND STRUCTURAL STEEL DRAWINGS.
- IN METAL STUD/GYPSUM BOARD PARTITIONS, WALLS AND CEILINGS, PROVIDE 2X FIRE RETARDANT TREATED WOOD BLOCKING FOR WALL-MOUNTED OR CEILING-MOUNTED ITEMS REQUIRING MECHANICAL ANCHORAGE.

## KEY PLAN



## PARTIAL FIRST FLOOR PLAN - AREA 'B'

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

**Kluber**  
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**WILL COUNTY HEALTH DEPARTMENT**

THE COUNTY OF WILL  
501 ELLA AVENUE  
JOLIET, IL 60433

ISSUED	BY	DATE	DESCRIPTION
1	10/10/18	B.P. #1 - ADDENDUM #1	
2	10/10/18	B.P. #1 - ADDENDUM #1	
3	10/10/18	B.P. #2 - MISC. STL./STRUCT./ENCL.	
4	10/23/18	B.P. #2 - MISC. STL./STRUCT./ENCL.	
5	10/23/18	B.P. #2 - PLAN REVIEW COMMENTS	
6	10/23/18	B.P. #2 - ADDENDUM #1	

JOB NO. 17-401-1124  
DRAWN HMA  
CHECKED CDH  
APPROVED CJH

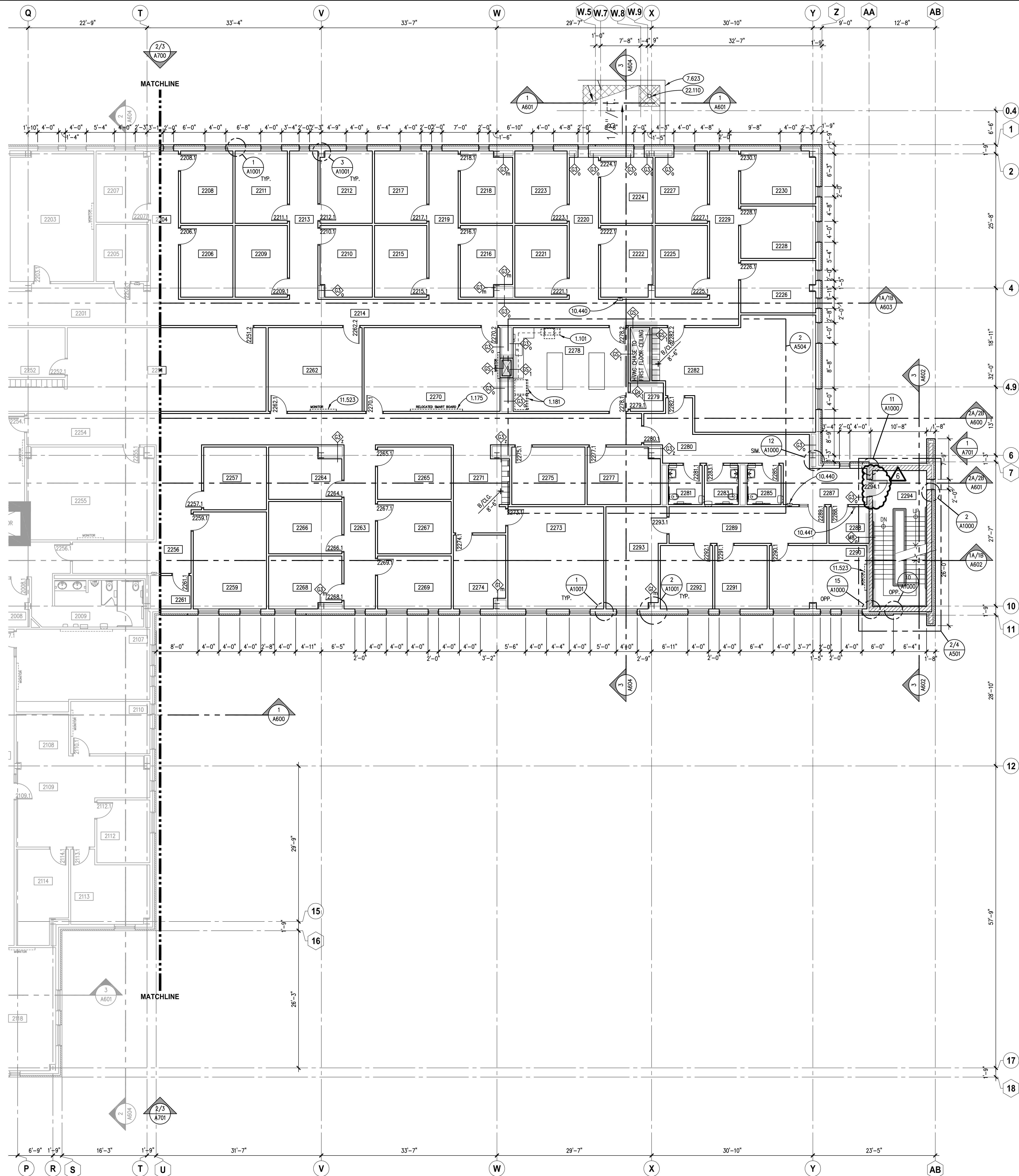
SHEET TITLE

PARTIAL FIRST FLOOR PLAN - AREA 'B'

SHEET NUMBER

**A312**





## KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 1.101 OWNER-PROVIDED ITEM (N.I.C.): OFFICE EQUIPMENT; SMALL PHOTOCOPY MACHINE.  
 1.175 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: COMMERCIAL EQUIPMENT; OWNER EXISTING SMART WHITE BOARD.  
 1.181 OWNER-FURNISHED ITEM TO BE INSTALLED BY CONTRACTORS: RESIDENTIAL EQUIPMENT; REFRIGERATOR.  
 7.623 METAL ROOF EDGE FLASHING: MATERIAL, THICKNESS AND FINISH AS SPECIFIED.  
 10.440 FIRE PROTECTION SPECIALTY: FIRE EXTINGUISHER AND CABINET.  
 10.441 FIRE PROTECTION SPECIALTY: FIRE EXTINGUISHER AND WALL BRACKET.  
 11.523 AUDIO-VISUAL EQUIPMENT: VIDEO MONITOR; WALL MOUNTED. REFER TO TECHNOLOGY DRAWINGS.  
 22.110 PLUMBING PIPING SPECIALTY: ROOF DRAIN; REFER TO PLUMBING DRAWINGS.

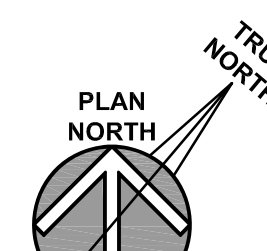
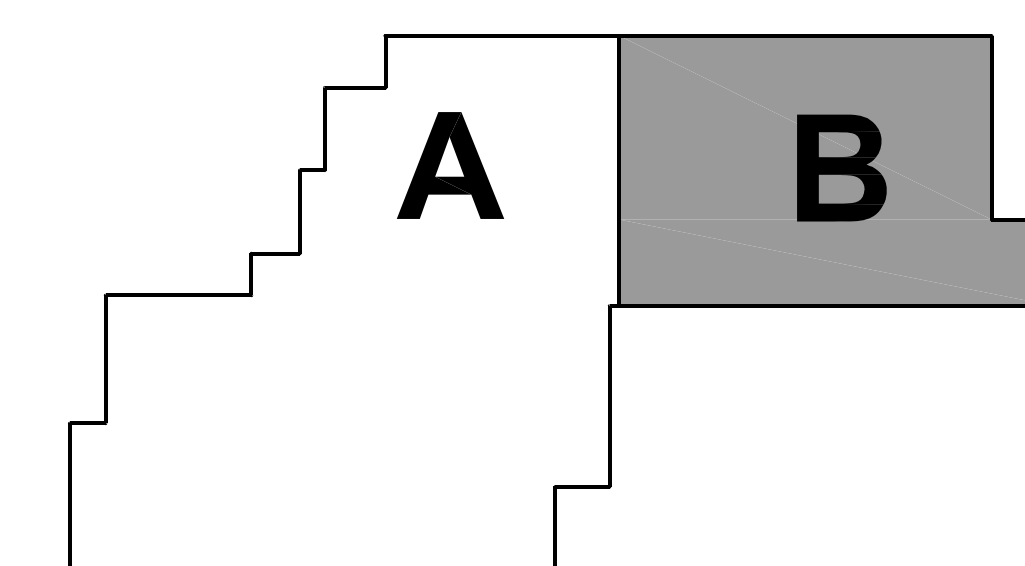
## ROOM SCHEDULE

RM. NO.	ROOM NAME	RM. NO.	ROOM NAME
2200	CHILD/ADOLESCENT WAITING	2263	CORRIDOR
2201	CORRIDOR	2264	CONSULT
2202	NOT USED	2265	CONSULT
2203	GROUP ROOM	2266	CONSULT
2204	CORRIDOR	2267	CONSULT
2205	CRISIS ROOM	2268	CONSULT
2206	CONSULT	2269	CONSULT
2207	CONSULT	2270	CONFERENCE ROOM
2208	CONSULT	2271	CORRIDOR
2209	CONSULT	2272	NOT USED
2210	CONSULT	2273	PROGRAMMING ROOM
2211	CONSULT	2274	CONSULT
2212	CONSULT	2275	CONSULT
2213	CORRIDOR	2276	NOT USED
2214	CORRIDOR	2277	CONSULT
2215	CONSULT	2278	WORK ROOM
2216	CONSULT	2279	STORAGE
2217	CONSULT	2280	CORRIDOR
2218	CONSULT	2281	WOMEN'S RESTROOM
2219	CORRIDOR	2282	PROGRAMMING ROOM
2220	CORRIDOR	2283	MENS ROOM
2221	CONSULT	2284	NOT USED
2222	CONSULT	2285	UNISEX RESTROOM
2223	CONSULT	2286	CORRIDOR
2224	CONSULT	2287	CORRIDOR
2225	CONSULT	2288	ELECTRICAL
2226	CONSULT	2289	CORRIDOR
2227	CONSULT	2290	CONFERENCE ROOM
2228	CONSULT	2291	OFFICE
2229	CORRIDOR	2292	OFFICE
2230	CONSULT	2293	BEHAVIOR, HEALTH DIR. OFFICE
2250	ADULT WAITING	2294	STAIR
2251	MEDICAL RECORDS		
2252	BILLING SUPERVISOR OFFICE		
2253	RECEPTION AREA		
2254	CORRIDOR		
2255	GROUP ROOM		
2256	CORRIDOR		
2257	CRISIS ROOM		
2259	CONSULT		
2260	NOT USED		
2261	STORAGE		
2262	GROUP ROOM		

## GENERAL NOTES

- REFER TO DRAWING G200 FOR PROJECT GENERAL NOTES.
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- GYPSUM WALLS ARE WALL TYPE G3e UNLESS TAGGED OTHERWISE.
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- APPLY FIREPROOFING TO STRUCTURAL STEEL COLUMNS AND BEAMS SUPPORTING FIRE RESISTANCE RATED ASSEMBLIES. COORDINATE WITH FIREPROOFING SCHEDULE AND STRUCTURAL STEEL DRAWINGS.
- IN METAL STUD/GYPSUM BOARD PARTITIONS, WALLS AND CEILINGS, PROVIDE 2X FIRE RETARDANT TREATED WOOD BLOCKING FOR WALL-MOUNTED OR CEILING-MOUNTED ITEMS REQUIRING MECHANICAL ANCHORAGE.

## KEY PLAN



ISSUED	DATE	BY	DESCRIPTION
1	10/10/18	B.P.	1.0 - ISSUED
2	10/10/18	B.P.	2.0 - ADDENDUM #1
3	10/10/18	B.P.	3.0 - ADDENDUM #2
4	10/23/18	B.P.	4.0 - MISC. STL./STRUC./ENCL.
5	10/23/18	B.P.	5.0 - PLAN REVIEW COMMENTS
6	10/23/18	B.P.	6.0 - ADDENDUM #1

JOB NO. 17-401-1124  
 DRAWN HMA  
 CHECKED CDH  
 APPROVED CJH

SHEET TITLE

PARTIAL SECOND FLOOR PLAN - AREA 'B'

SHEET NUMBER

A322

WILL COUNTY HEALTH DEPARTMENT  
 THE COUNTY OF WILL  
 501 ELLA AVENUE  
 JOLIET, IL 60433

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## KEYNOTES

KEYNOTES ARE NOT ALWAYS REPEATED ACROSS ALL DRAWINGS ON THIS SHEET. AN UN-KEYNOTED ITEM ON THIS SHEET IS THE SAME AS A KEYNOTED ITEM ON THIS SHEET HAVING THE SAME GRAPHIC APPEARANCE.

- 1.410 30" X 48" CLEAR FLOOR SPACE FOR WHEELCHAIR.  
 1.415 DETECTABLE WARNING: 3'-0" LONG X WIDTH OF STAIRWAY. PORCELAIN TILE CUT TO 1 INCH STRIPS TO FORM DETECTABLE WARNING.  
 3.030 CAST-IN-PLACE CONCRETE: REFER TO STRUCTURAL DRAWINGS.  
 4.181 MASONRY ANCHORAGE AND REINFORCEMENT: CONTINUOUS JOINT REINFORCEMENT; CAVITY WALL; WITH ADJUSTABLE WALL TIES; 16" O.C. VERTICAL SPACING.  
 4.188 MASONRY ANCHORAGE AND REINFORCEMENT: ANCHOR BOLT; 1/2" DIA. X 12" LONG; HOOKED; 6'-0" O.C. (MAX.); PROVIDE A MINIMUM OF 2 IN EACH BLOCKING PIECE.  
 4.191 MASONRY ACCESSORY: THROUGH-WALL FLASHING; RUBBERIZED ASPHALT SHEET WITH STAINLESS STEEL DRIP EDGE. HOLD BACK RUBBERIZED ASPHALT SHEET AT LEAST 1 INCH FROM EXTERIOR FACE OF WALL.  
 4.193 MASONRY ACCESSORY: WEEP VENT.  
 4.194 MASONRY ACCESSORY: MORTAR DROPPING CONTROL DEVICE.  
 4.210 BRICK MASONRY VENEER: MODULAR; RUNNING BOND; REFER TO SPECIFICATIONS.  
 4.308 CONCRETE BLOCK MASONRY: 8" (NOM.) THK.; RUNNING BOND.  
 4.801 MASONRY ASSEMBLY: CONTINUOUS BOND BEAM WITH REINFORCING AND GROUT. PROVIDE (2)-#4 BARS U.O. COORDINATE ELEVATION WITH BEARING CONDITIONS AND ADJACENT WALL CONSTRUCTION; BOND BEAM LENGTH TO BE DISTANCE BETWEEN CONTROL JOINTS.  
 4.812 MASONRY ASSEMBLY: CONCRETE MASONRY CONTROL JOINT.  
 4.813 MASONRY ASSEMBLY: BRICK MASONRY EXPANSION JOINT (TYPICAL).  
 5.060 METAL FABRICATION: STEEL GUARD RAIL ASSEMBLY; 1-1/2" NOM. DIA. STEEL PIPE POSTS, TOP RAIL AND BOTTOM RAIL; 3/4" DIA. BAR PICKETS AT 4.5' O.C.; REFER TO SPECIFICATIONS.  
 5.070 METAL FABRICATION: STEEL HANDRAIL ASSEMBLY; 1 1/4" NOM. DIA. STEEL PIPE W/WALL BRACKETS OR FLOOR SUPPORTS @ 4'-0" O.C. MAX.  
 5.071 METAL FABRICATION: STEEL STAIR PAN; CONCRETE FILLED.  
 5.073 GLAZED DECORATIVE METAL RAILING SYSTEM WITH STAINLESS STEEL STANDOFFS DRILLED AND TAPPED TO STEEL TUBE. REFER TO SPECIFICATIONS.  
 5.074 GLAZED DECORATIVE METAL RAILING SYSTEM COMPONENT; STAINLESS STEEL HANDRAIL WITH VERTICAL POSTS AT 4'-0" O.C. WITH SLEEVE POSTS WELDED TO METAL PANS. SET STAINLESS STEEL POSTS INTO SLEEVES AND WELD PRIOR TO CONCRETE BEING POURED FOR STAIR TREADS.  
 5.075 GLAZED DECORATIVE METAL RAILING SYSTEM COMPONENT; STAINLESS STEEL HANDRAIL WALL OR GLASS MOUNTED. REFER TO SPECIFICATIONS.  
 5.092 METAL FABRICATION: 1/4" THICK STEEL PLATE; SIZE TO FIT OPENING BETWEEN STAIR STRINGER AND BACK OF STOREFRONT FRAMING WITH GAPS OF NO MORE THAN 1/2" BETWEEN EDGE OF PLATE AND ADJACENT MASONRY OR STOREFRONT FRAMING; WELD TO UNDERSIDE OF TOP FLANGE OF STAIR STRINGER CHANNEL.  
 5.097 METAL FABRICATION: STEEL BOLLARD; 6" O.D.; CONCRETE FILLED; INSTALL 42 INCHES BELOW GRADE IN 16" DIA. CONCRETE PIER AND 34 INCHES ABOVE FINISHED GRADE. PRIME AND TWO COATS ENAMEL PAINT.  
 6.001 WOOD BLOCKING: DIMENSIONAL LUMBER; SIZE AS INDICATED; REFER TO SCHEDULE FOR TREATMENT.  
 7.620 METAL COPING FLASHING: THICKNESS AND FINISH AS SPECIFIED.  
 7.910 PREFORMED JOINT SEALER: REFER TO SPECIFICATIONS.  
 7.920 JOINT SEALANT: REFER TO SCHEDULE IN SPECIFICATION SECTION 07 92 00; PROVIDE BACKER ROD OR BOND BREAKER.  
 32.201 CAST-IN-PLACE CONCRETE: DUMPSTER PAD. PROVIDE f<sub>c</sub> OF 4,500 PSI, 6% AIR, 6 INCHES THICK WITH 6 X 6X W2.9 X W2.9 W.W.F. OVER 6 INCHES OF CRUSHED AND COMPACTED LIMESTONE BASE.  
 32.313 DECORATIVE METAL LOUVERED FENCING PANEL TO MATCH SWINGING GATES. 6 FEET HIGH WITH 6 X 6 POSTS SET INTO CONCRETE PIER MIN. 42 INCHES DEEP SPACED 7 FEET O.C. CENTER POSTS ADJACENT TO SCREENWALL 6" FROM FACE OF SCREENWALL FOUNDATION; REFER TO SPECIFICATIONS.  
 32.314 DECORATIVE METAL SWINGING LOUVERED GATES WITH GATE POSTS AND THROBOLT LATCHING SET INTO CONCRETE SLAB. GATE OPENING (2) 4'-3" WIDE GATES. TOTAL CLEAR OPENING WIDTH 9'-0"; REFER TO SPECIFICATIONS.  
 32.315 DECORATIVE METAL GATE POST: 6 X 6 FACTORY FINISHED TO MATCH GATE COLOR; CONCRETE CAST INTO GROUND MIN. 42 INCHES DEEP.

## GENERAL NOTES

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- IN METAL STUD/GYPSUM BOARD PARTITIONS AND WALLS, PROVIDE 2X FIRE RETARDANT TREATED WOOD BLOCKING FOR WALL-MOUNTED & CEILING-MOUNTED ITEMS REQUIRING MECHANICAL ANCHORAGE.

**WILL COUNTY HEALTH DEPARTMENT**

THE COUNTY OF WILL  
501 ELLA AVENUE  
JOLIET, IL 60433

ISSUED	DATE	BY	APP. BY	REVISION
1	10/01/18	B.P. #1 - ADDENDUM #1		
2	10/01/18	B.P. #1 - ADDENDUM #1		
3	10/01/18	B.P. #2 - MISC. STL./STRUC./ENCL.		
4	10/23/18	B.P. #2 - MISC. STL./STRUC./ENCL.		
5	10/23/18	B.P. #2 - PLAN REVIEW COMMENTS		
6	10/31/18	B.P. #2 - ADDENDUM #1		

JOB NO. 17-401-1124  
 DRAWN HMA  
 CHECKED CDH  
 APPROVED CJH

SHEET TITLE

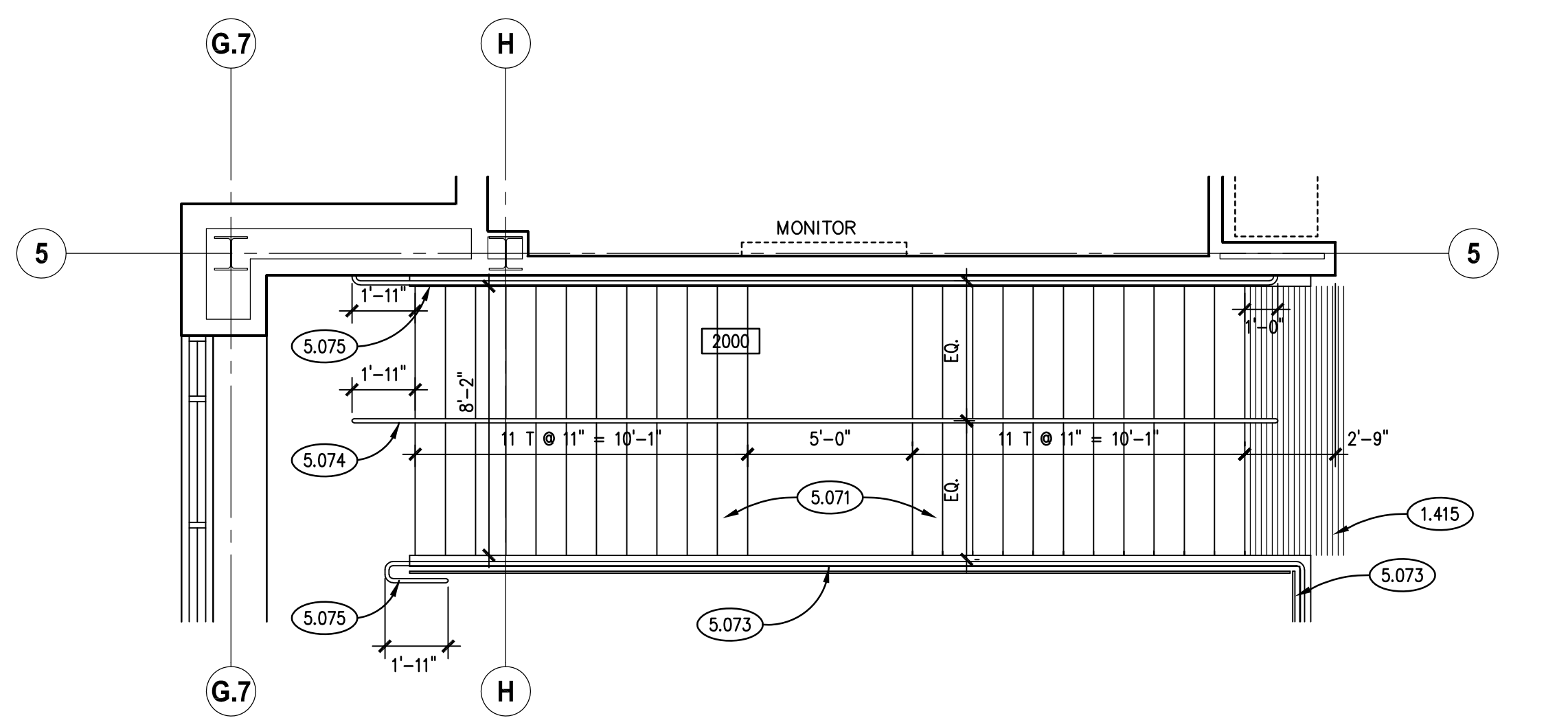
ENLARGED PLANS

SHEET NUMBER

A501

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## KEYNOTES

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- 4.210 BRICK MASONRY VENEER: MODULAR; RUNNING BOND; REFER TO SPECIFICATIONS.
- 4.431 STONE MASONRY VENEER: ASHLAR TYPE "SMV-1"; REFER TO SPECIFICATIONS.
- 4.720 CAST STONE MASONRY: COPING; SIZE AND CONFIGURATION AS INDICATED; PROVIDE CAST DRIP AT ALL OVERHANG EDGES. SLOPE TOP TO DRAIN WATER AS SHOWN. RAKE OUT MORTAR AND PROVIDE BOND BREAKER AND JOINT SEALANT AT ALL HEAD JOINTS.
- 4.721 CAST STONE MASONRY: SILL COURSE; SIZE AND CONFIGURATION AS INDICATED; PROVIDE CAST DRIP AT ALL OVERHANG EDGES. SLOPE TOP TO DRAIN AS SHOWN. RAKE OUT MORTAR AND PROVIDE BOND BREAKER AND JOINT SEALANT AT ALL HEAD JOINTS.
- 4.722 CAST STONE MASONRY: HEADER COURSE; SIZE AND CONFIGURATION AS INDICATED; PROVIDE CAST DRIP AT ALL OVERHANG EDGES. SLOPE TOP TO DRAIN AS SHOWN. RAKE OUT MORTAR AND PROVIDE BOND BREAKER AND JOINT SEALANT AT ALL HEAD JOINTS.
- 4.723 CAST STONE MASONRY: CORNER STONE; 16"x24" WIDE WITH 6" HIGH LETTERING.
- 4.813 MASONRY ASSEMBLY: BRICK MASONRY EXPANSION JOINT (TYPICAL).
- 5.061 METAL FABRICATION: STEEL GUARD RAIL ASSEMBLY; 1-1/2" NOM. DIA. STEEL PIPE POSTS AND TOP RAIL AND MID RAIL; GALVANIZED; REFER TO SPECIFICATIONS.
- 7.420 METAL WALL PANEL SYSTEM: PREFINISHED WITH CONCEALED FASTENERS. REFER TO SPECIFICATIONS.
- 7.430 METAL COMPOSITE PANEL SYSTEM: PREFINISHED WITH CONCEALED FASTENERS. REFER TO SPECIFICATIONS.
- 7.620 METAL COPING FLASHING: THICKNESS AND FINISH AS SPECIFIED.
- 7.625 OVERFLOW SCUPPER: 6"W X 6"H; CONSTRUCT IN ACCORDANCE WITH SMACNA ARCHITECTURAL SHEET METAL MANUAL FIGURE 1-30.
- 7.626 SCUPPER THROUGH WALL: 8"W X 8"H; CONSTRUCT IN ACCORDANCE WITH SMACNA ARCHITECTURAL SHEET METAL MANUAL FIGURE 1-26.
- 7.627 CONDUCTOR HEAD; CONSTRUCT IN ACCORDANCE WITH SMACNA ARCHITECTURAL SHEET METAL MANUAL FIGURE 1-25F.
- 7.632 METAL DOWNSPOUT: MATERIAL, THICKNESS AND FINISH AS SPECIFIED.
- 8.110 STEEL DOOR FRAME: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
- 8.112 STEEL DOOR: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
- 8.422 AUTOMATIC ENTRANCE: POWERED SLIDING DOOR SYSTEM WITH BREAKAWAY FUNCTION.
- 8.430 ALUMINUM STOREFRONT FRAMING.
- 8.433 ALUMINUM DOOR: REFER TO DOOR, FRAME AND BORROWED LIGHT SCHEDULE.
- 8.434 ALUMINUM DOOR ACCESSORY: INSULATED METAL PANEL WITH HARDBOARD BACKING AT LOCATIONS SHOWN. REFER TO SPECIFICATIONS.
- 8.440 ALUMINUM CURTAIN WALL FRAMING.
- 9.912 EXTERIOR PAINTING: ONE PRIME COAT AND TWO TOPCOATS ENAMEL PAINT ON GUARD RAIL; COLOR AS SELECTED BY OWNER.
- 10.147 SIGNAGE: EXTERIOR DIMENSIONAL LETTERING ON STANDOFFS; SURFACE MOUNTED, HALO LIT, 18" HIGH; REFER TO SPECIFICATIONS.
- 10.148 SIGNAGE: EXTERIOR DIMENSIONAL LETTERING ON STANDOFFS; SURFACE MOUNTED, HALO LIT, 12" HIGH; REFER TO SPECIFICATIONS.
- 10.149 SIGNAGE: EXTERIOR DIMENSIONAL LETTERING ON STANDOFFS; SURFACE MOUNTED, NON-LIT, 6" HIGH; REFER TO SPECIFICATIONS.
- 10.150 SIGNAGE: EXTERIOR VINYL APPLIED TO GLASS; HOURS OF OPERATION. REFER TO SPECIFICATIONS.
- 10.151 SIGNAGE: EXTERIOR VINYL APPLIED TO GLASS; DOOR NUMBER, 6 INCHES HIGH. TYPICAL AT ALL EXTERIOR DOOR OPENINGS.
- 10.732 METAL CANOPY: PREFINISHED WITH SUPPORT RODS. REFER TO SPECIFICATIONS.
- 26.001 LIGHT FIXTURE: REFER TO ELECTRICAL DRAWINGS.

**Kluber**  
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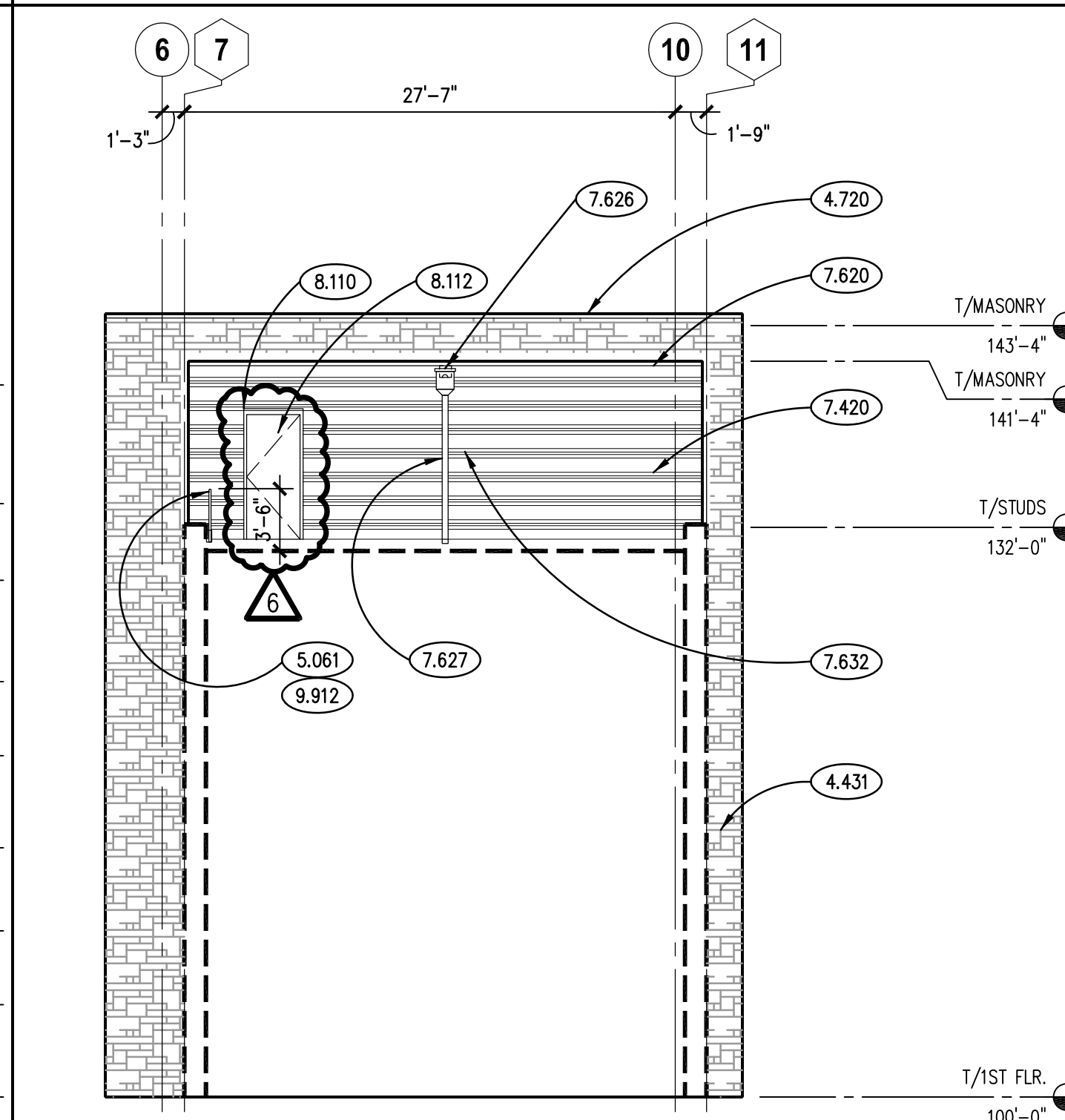
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**WILL COUNTY HEALTH DEPARTMENT**

THE COUNTY OF WILL  
501 ELLA AVENUE  
JOLIET, IL 60433

## GENERAL NOTES

1. REFER TO DRAWING G200 FOR PROJECT GENERAL NOTES.
2. REFER TO ROOF PLAN DRAWING A330 FOR ELEVATIONS OF OVERFLOW SCUPPERS.
3. COORDINATE LOCATIONS OF WALL-MOUNTED MECHANICAL, PLUMBING, ELECTRICAL, TECHNOLOGY & SECURITY SURVEILLANCE ITEMS TO ENSURE NO OVERLAP.



**PARTIAL WEST ELEVATION**  
SCALE: 1/8" = 1'-0"

ISSUED  
1 10/1/18 B.P. #1 - ADDENDUM #1  
2 10/1/18 B.P. #1 - ADDENDUM #1  
3 10/1/18 B.P. #1 - ADDENDUM #1  
4 10/23/18 B.P. #2 - MISCELLANEOUS STRUCTURAL/ENCL.  
5 10/23/18 B.P. #2 - MISCELLANEOUS STRUCTURAL/ENCL.  
6 10/23/18 B.P. #2 - MISCELLANEOUS STRUCTURAL/ENCL.  
7 10/23/18 B.P. #2 - MISCELLANEOUS STRUCTURAL/ENCL.  
8 10/23/18 B.P. #2 - MISCELLANEOUS STRUCTURAL/ENCL.  
9 10/23/18 B.P. #2 - MISCELLANEOUS STRUCTURAL/ENCL.  
10 10/23/18 B.P. #2 - MISCELLANEOUS STRUCTURAL/ENCL.

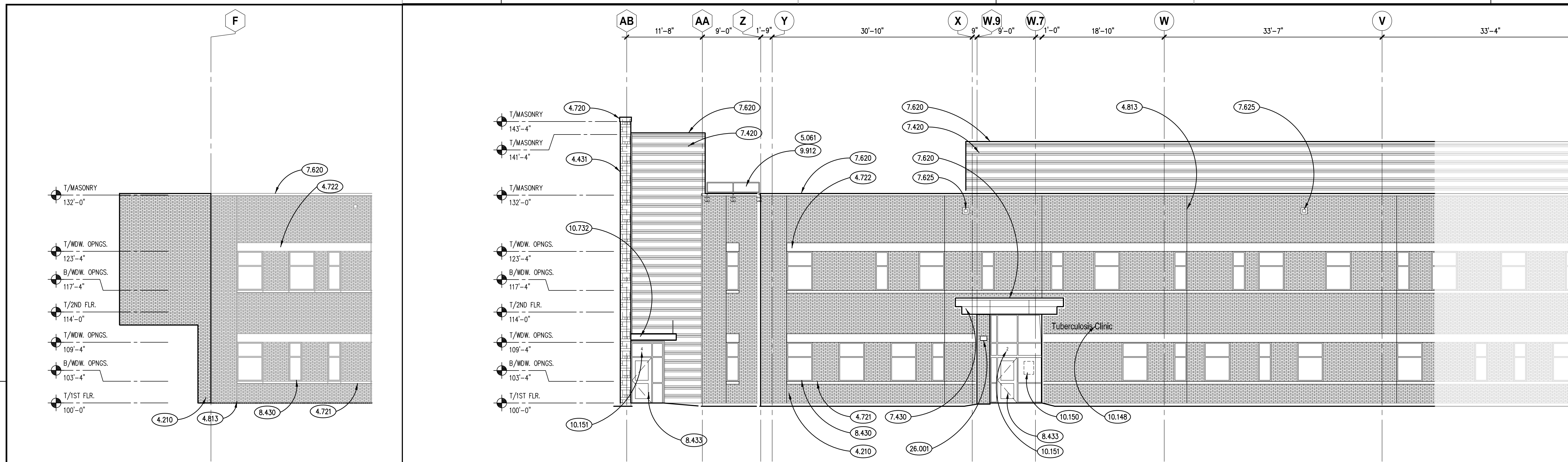
JOB NO. 17-401-1124  
DRAWN CPA  
CHECKED CDH  
APPROVED CJH

SHEET TITLE

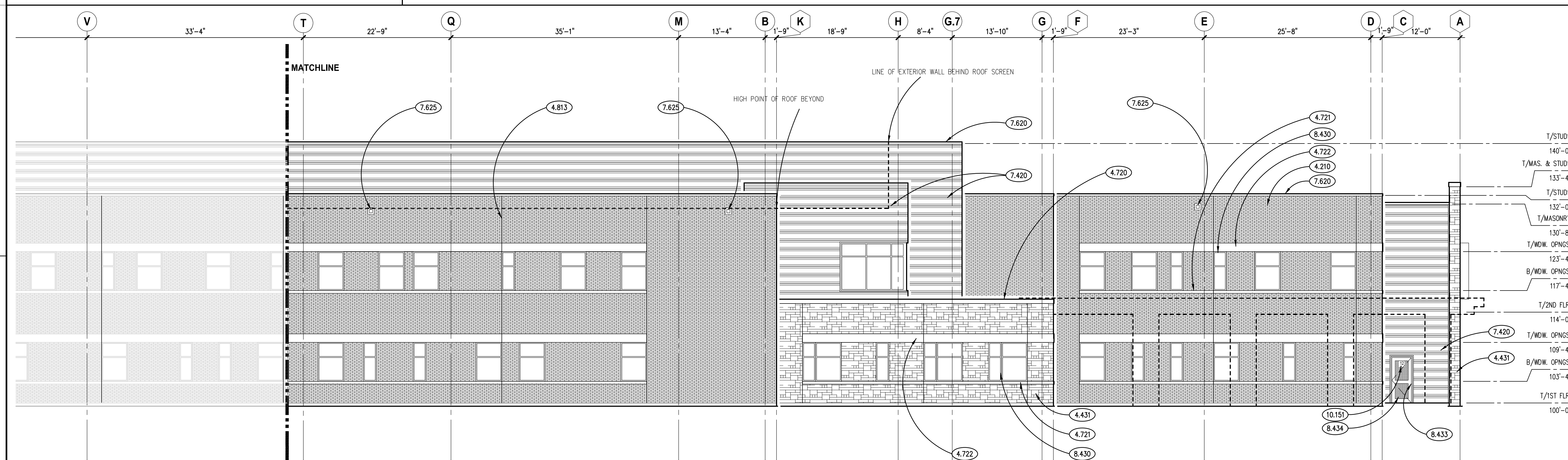
EXTERIOR BUILDING  
ELEVATIONS

SHEET NUMBER

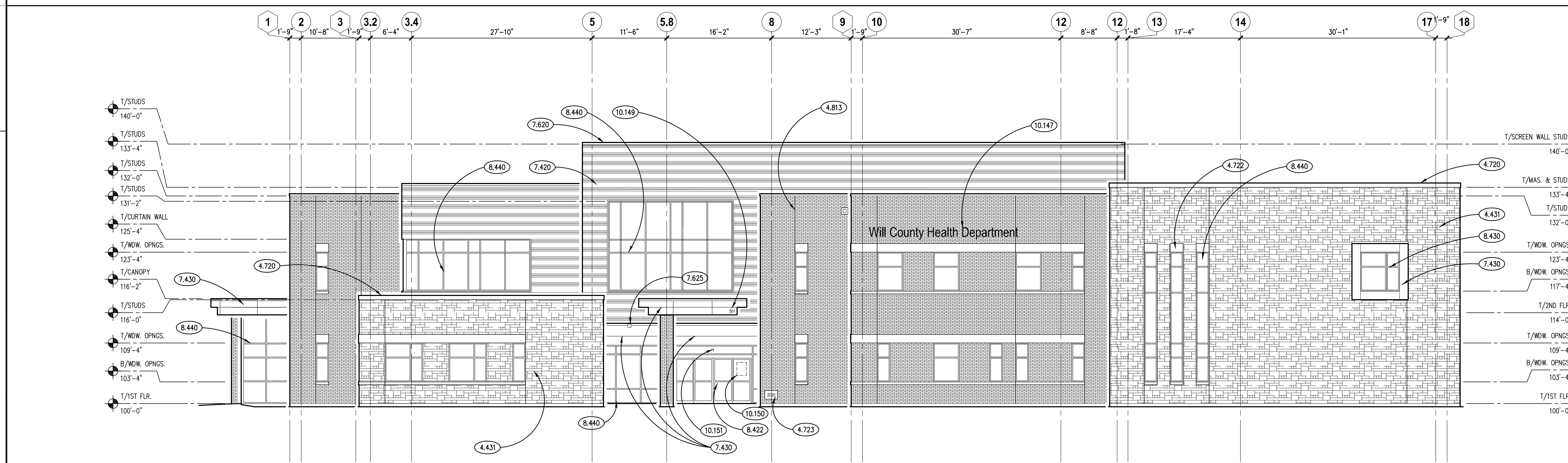
**A700**



**NORTH ELEVATION - EAST END**  
SCALE: 1/8" = 1'-0"



**NORTH ELEVATION - WEST END**  
SCALE: 1/8" = 1'-0"



**WEST ELEVATION**  
SCALE: 1/8" = 1'-0"







## KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 3.220 CONCRETE REINFORCING: VERTICAL REINFORCING DOWELS TO LAP WITH PIER/SHEAR WALL REINFORCING ABOVE. REFER TO MASONRY PIER/SHEAR WALL REINFORCING SCHEDULES FOR SIZE, LOCATION AND QUANTITY. LENGTH AS DEPICTED.
- 3.302 CAST-IN-PLACE CONCRETE: ELEVATOR PIT BASE SLAB. PROVIDE SUMP AND CENTER HOLE AS REQUIRED. REFER TO PLAN AND SPECIFICATIONS FOR THICKNESS, REINFORCING, MIX TYPE AND FINISH.
- 3.392 CAST-IN-PLACE CONCRETE MISCELLANEOUS: ELEVATOR SUMP PIT. PROVIDE INTERNAL CAST-IN-PLACE SUMP PIT WITH CASTING OF BASESLAB. REFER TO STANDARD DETAIL FOR ADDITIONAL INFORMATION.
- 4.260 UNIT MASONRY: PROVIDE POCKET IN WALL TO ALLOW FOR CONNECTION OF STEEL ELEMENTS. INFILL POCKET AFTER STEEL INSTALLATION.
- 4.290 MASONRY ACCESSORY: CONTROL JOINT DEVICE.
- 23.00B M.E.P. ITEM: DOWNCOMER: REFER TO PLUMBING DRAWINGS. DEPRESS FOUNDATIONS AS REQUIRED TO ACCOMMODATE.

## SPREAD FOOTING SCHEDULE

F brg.=4,000 PSF  
f<sub>c</sub>= 3,000 PSI  
f<sub>y</sub>= 60,000 PSI

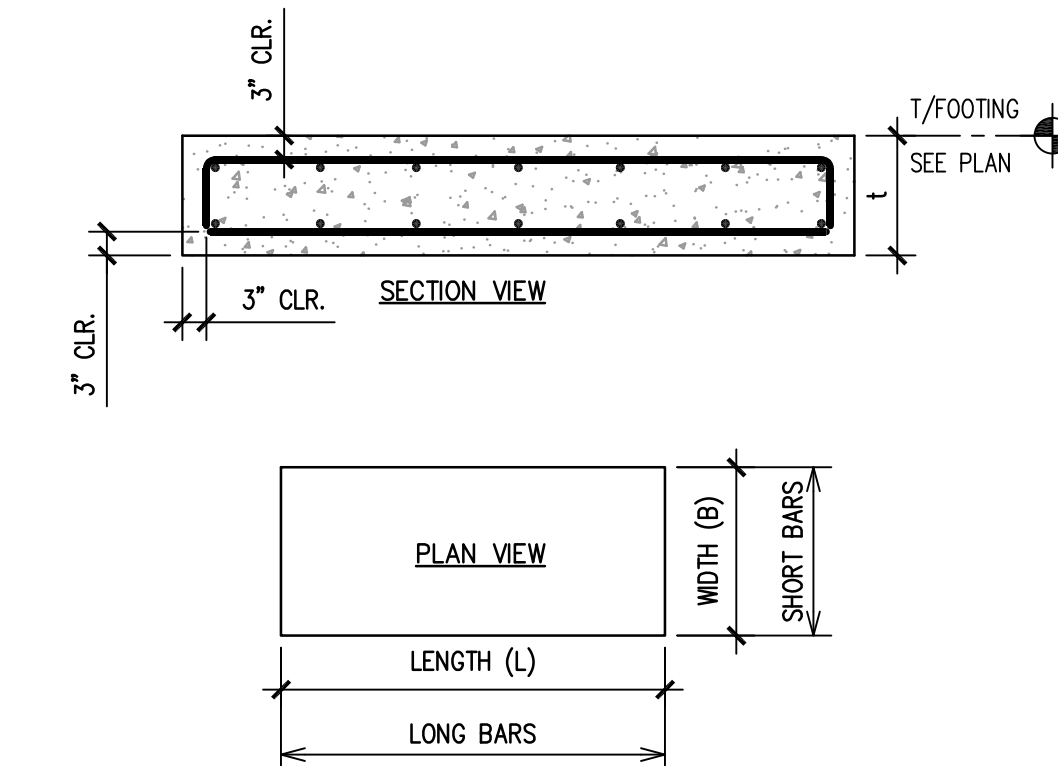
MARK	DIMENSIONS			REINFORCING STEEL			SPECIAL COMMENTS
	LENGTH (L)	WIDTH (B)	THICK (H)	LONG	SHORT	TOP	
SF3.0	3'-0"	3'-0"	1'-0"	(4)-#4	(4)-#4	NO	
SF3.5	3'-6"	3'-6"	1'-0"	(5)-#4	(5)-#4	NO	
SF4.0	4'-0"	4'-0"	1'-0"	(4)-#5	(4)-#5	NO	
SF4.5	4'-6"	4'-6"	1'-0"	(5)-#5	(5)-#5	NO	
SF5.0	5'-0"	5'-0"	1'-2"	(6)-#5	(6)-#5	NO	
SF5.5	5'-6"	5'-6"	1'-3"	(7)-#5	(7)-#5	NO	
SF6.0	6'-0"	6'-0"	1'-4"	(7)-#5	(7)-#5	NO	
SF6.5	6'-6"	6'-6"	1'-6"	(7)-#5	(7)-#5	NO	
SF7.0	7'-0"	7'-0"	1'-7"	(9)-#6	(9)-#6	NO	
SF7.5	7'-6"	7'-6"	1'-8"	(10)-#6	(10)-#6	NO	
SF8.0	8'-0"	8'-0"	1'-10"	(11)-#6	(11)-#6	NO	
SF8.5	8'-6"	8'-6"	1'-11"	(13)-#6	(13)-#6	NO	
SF9.0	9'-0"	9'-0"	2'-1"	(10)-#7	(10)-#7	NO	
SF9.5	9'-6"	9'-6"	2'-2"	(12)-#7	(12)-#7	NO	
SF10.0	10'-0"	10'-0"	2'-3"	(13)-#7	(13)-#7	NO	
SF10.5	10'-6"	10'-6"	2'-4"	(15)-#7	(15)-#7	NO	
SF11.0	11'-0"	11'-0"	2'-5"	(12)-#8	(12)-#8	NO	
SF11.5	11'-6"	11'-6"	2'-6"	(13)-#8	(13)-#8	NO	
SF12.0	12'-0"	12'-0"	2'-7"	(15)-#8	(15)-#8	NO	
SF12.5	12'-6"	12'-6"	2'-8"	(13)-#9	(13)-#9	NO	
SF13.0	13'-0"	13'-0"	2'-9"	(14)-#9	(14)-#9	NO	
SF13.5	13'-6"	13'-6"	2'-10"	(15)-#9	(15)-#9	NO	
SF14.0	14'-0"	14'-0"	3'-0"	(16)-#9	(16)-#9	NO	
SF8050	8'-0"	5'-0"	1'-2"	(6)-#5	(10)-#5	NO	
SF9060	9'-0"	6'-0"	2'-0"	(8)-#5	(12)-#5	YES	

## SPREAD FOOTING NOTES AND DETAILS

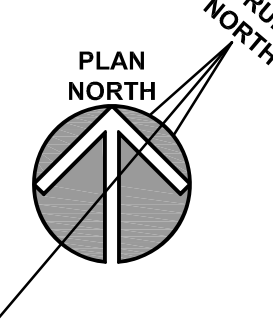
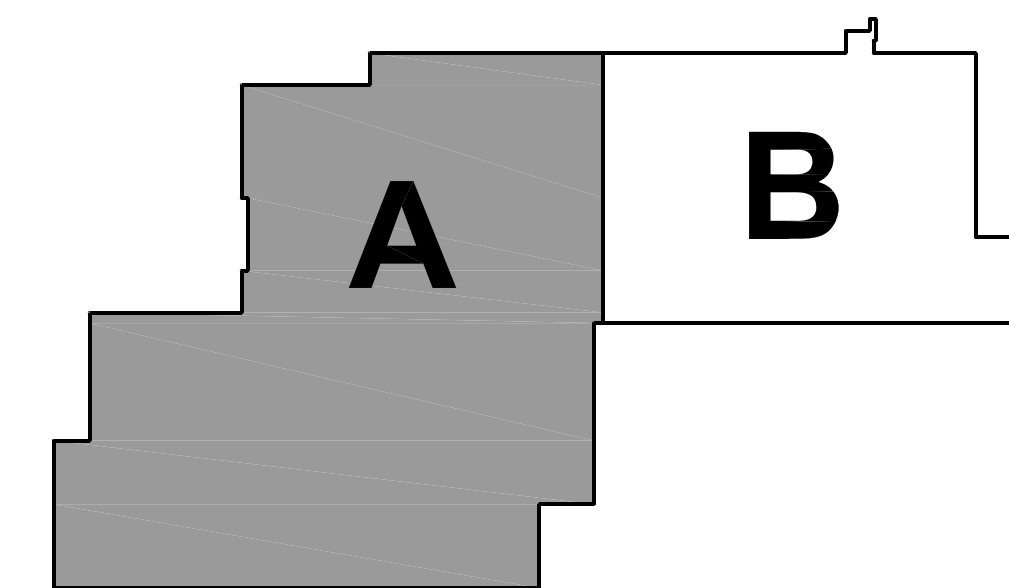
## NOTES:

- SEE PLAN FOR FOOTING LOCATIONS.
- FOOTING SIZES BASED UPON SOILS REPORT INDICATED ON SHEET S011. FOOTINGS TO BEAR ON UNDISTURBED SOILS/ENGINEERED FILL ASSUMED TO BE AT THE DESIGN ELEVATIONS NOTED ON THE PLANS.
- CONTRACTOR TO HAVE A QUALIFIED SOIL TESTING AGENCY CONFIRM THE SOIL AT THE BASE OF THE FOOTING EXCAVATIONS PRIOR TO CASTING THE CONCRETE. ALL UNSUITABLE MATERIALS TO BE REMOVED AND REPLACED IN ACCORDANCE WITH THE PROJECT SOILS REPORT.
- TOP STEEL REINFORCING (WHEN REQUIRED) TO MATCH BOTTOM U.N.O. WITH FULL DEPTH HOOKED ENDS.
- CENTERLINE OF FOOTING TO BE CENTERED ON COLUMNS, PIERS AND WALLS U.N.O. ON PLAN.

## DETAILS:



## KEY PLAN



## PARTIAL FOUNDATION PLAN - AREA 'A'

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

1



## KEYNOTES

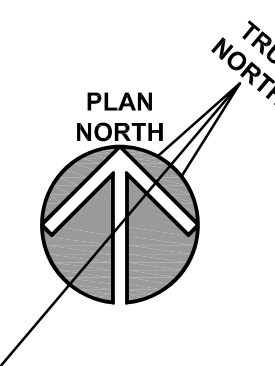
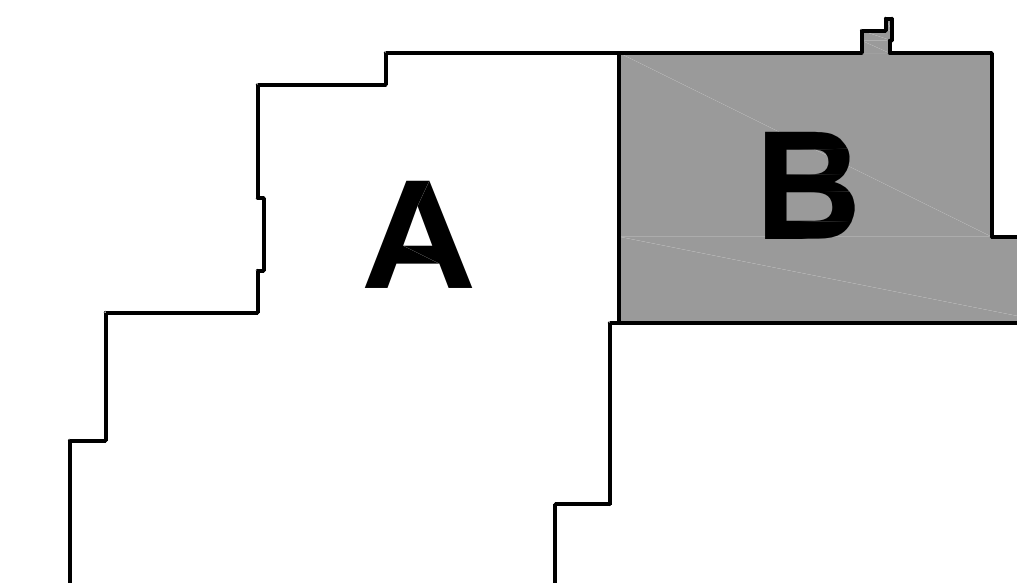
KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 3.220 CONCRETE REINFORCING: VERTICAL REINFORCING DOWELS TO LAP WITH PIER/SHEAR WALL REINFORCING ABOVE. REFER TO MASONRY PIER/SHEAR WALL REINFORCING SCHEDULES FOR SIZE, LOCATION AND QUANTITY. LENGTH AS DEPICTED.
- 4.290 MASONRY ACCESSORY: CONTROL JOINT DEVICE.
- 5.596 METAL FABRICATION: STEEL BOLLARD: 6" DIAMETER; CONCRETE FILLED.
- 23.008 M.E.P. ITEM: DOWNCOMER: REFER TO PLUMBING DRAWINGS. DEPRESS FOUNDATIONS AS REQUIRED TO ACCOMMODATE.

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**WILL COUNTY HEALTH DEPARTMENT**  
THE COUNTY OF WILL  
501 ELLA AVENUE  
JOLIET, IL 60433

## KEY PLAN



## PARTIAL FOUNDATION PLAN - AREA 'B'

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

ISSUED		JOB NO.	
1	10/11/18	17-401-1124	VAD
2	10/11/18	17-401-1124	JMB
3	10/11/18	17-401-1124	JMB
4	10/23/18	17-401-1124	JMB
5	10/23/18	17-401-1124	JMB
6	10/23/18	17-401-1124	JMB
7	10/23/18	17-401-1124	JMB
8	10/23/18	17-401-1124	JMB
9	10/23/18	17-401-1124	JMB
10	10/23/18	17-401-1124	JMB
11	10/23/18	17-401-1124	JMB
12	10/23/18	17-401-1124	JMB
13	10/23/18	17-401-1124	JMB
14	10/23/18	17-401-1124	JMB
15	10/23/18	17-401-1124	JMB
16	10/23/18	17-401-1124	JMB
17	10/23/18	17-401-1124	JMB
18	10/23/18	17-401-1124	JMB
19	10/23/18	17-401-1124	JMB
20	10/23/18	17-401-1124	JMB
21	10/23/18	17-401-1124	JMB
22	10/23/18	17-401-1124	JMB
23	10/23/18	17-401-1124	JMB
24	10/23/18	17-401-1124	JMB
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98	10/23/18	17-401-1124	JMB
99	10/23/18	17-401-1124	JMB
100	10/23/18	17-401-1124	JMB

**S312**



KEYNOTES

KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- 3.214 CONCRETE REINFORCING: (2)-#4x4'-0" LONG DOWELS CENTERED ON JOINT AND SLAB/WALL DEPTH.
- 3.317 CAST-IN-PLACE CONCRETE: 3" MUD/LEVELING SLAB AT CONTRACTORS OPTION.
- 3.362 CAST-IN-PLACE CONCRETE JOINT DEVICE/FILLER: SLAB CONTRACTION JOINT. SAWCUT 4-12 HOURS AFTER POUR. EMBEDDED PLASTIC STRIPS ALSO ACCEPTABLE.
- 5.526 METAL FABRICATION: CONTINUOUS STEEL ANGLE WITH 3/8"x4" LONG HEADED STUDS @ 2'-0" O.C. U.N.O.
- ANGLE SIZE TO BE L4x4x3/8 U.N.O.
- 5.596 METAL FABRICATION: STEEL BOLLARD: 6" DIAMETER; CONCRETE FILLED.
- 23.011 M.E.P. ITEM: FLOOR DRAIN. REFER TO PLUMBING DRAWINGS AND ARCHITECTURAL DRAWINGS. PROVIDE ALL SLOPES TO DRAINS AS REQUIRED.

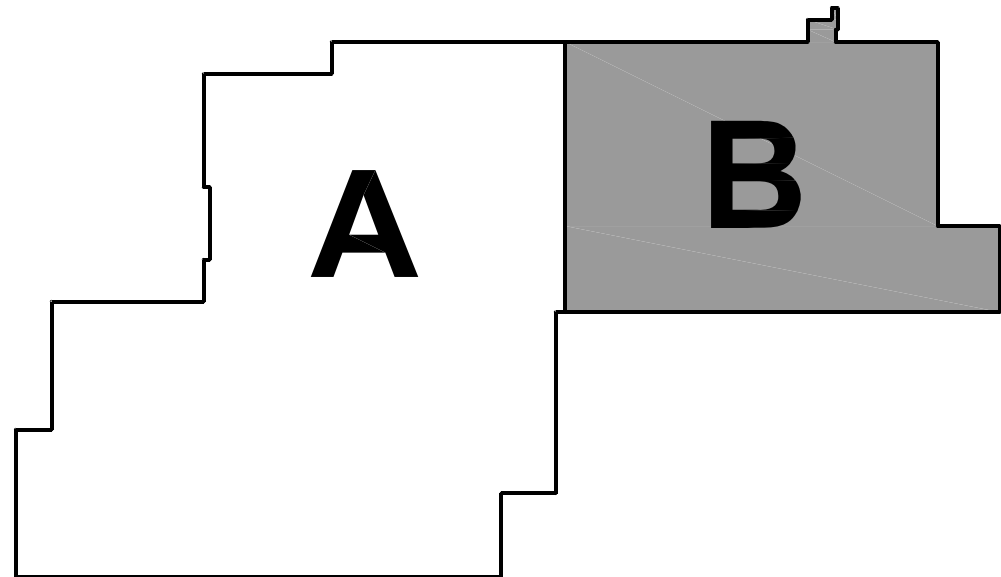
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WILL COUNTY HEALTH DEPARTMENT

THE COUNTY OF WILL  
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JOLIET, IL 60433

KEY PLAN



ISSUED	DATE	BY	REVISION
1	10/01/18	B.P. #1	CONSTRUCTION SET
2	10/01/18	B.P. #1	ADDENDUM #1
3	10/01/18	B.P. #2	MISC. STYL. STRUCT. ENCL.
4	10/01/18	B.P. #2	PLAN REVIEW COMMENTS
5	10/01/18	B.P. #2	PLAN REVIEW COMMENTS
6	10/01/18	B.P. #2	ADDENDUM #1

JOB NO. 17-401-1124  
DRAWN VAD  
CHECKED JMB  
APPROVED JMB

SHEET TITLE  
PARTIAL SLAB ON  
GRADE PLAN -  
AREA 'B'

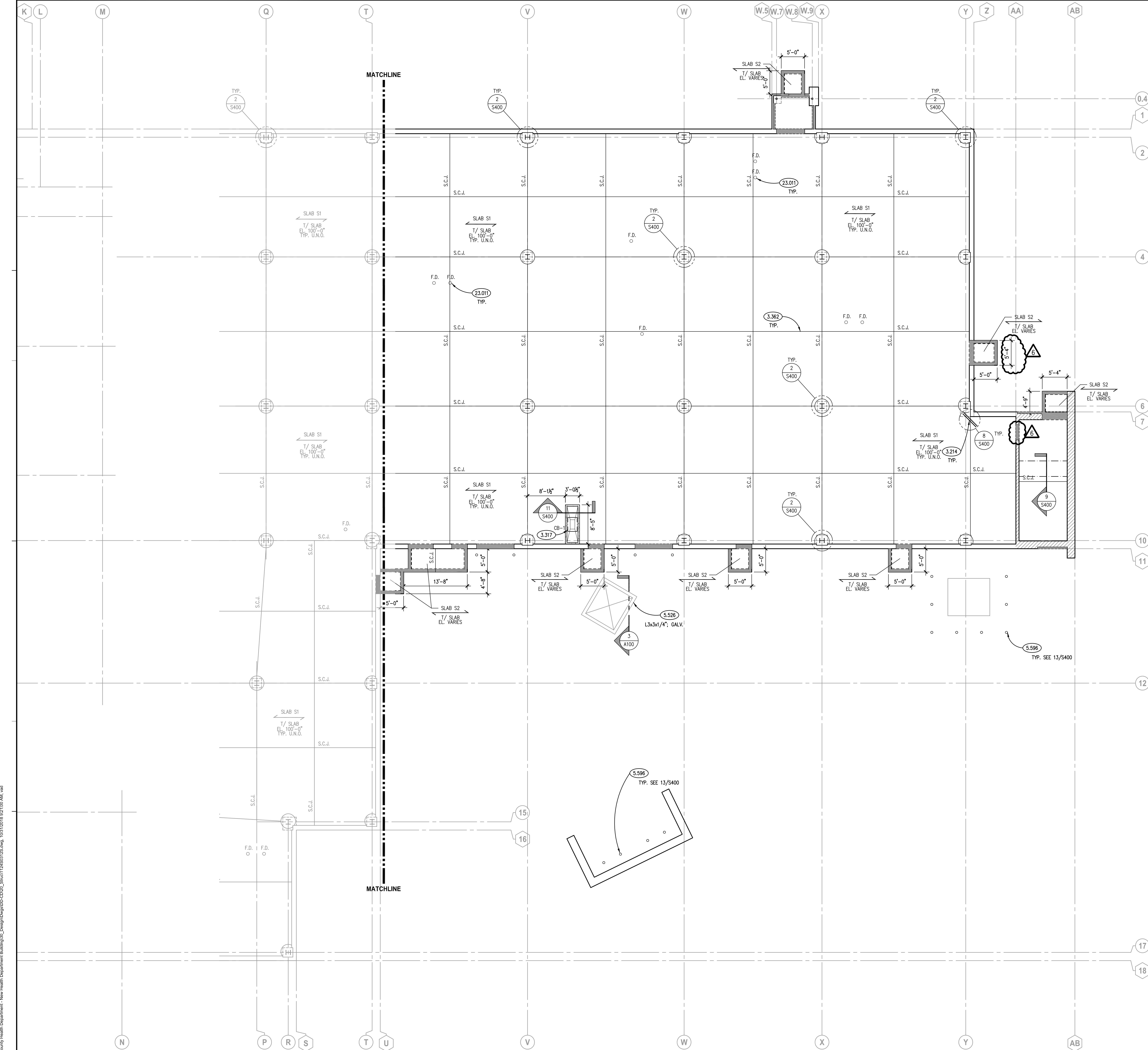
SHEET NUMBER

**S312S**

PARTIAL SLAB ON GRADE PLAN - AREA 'B'

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

1





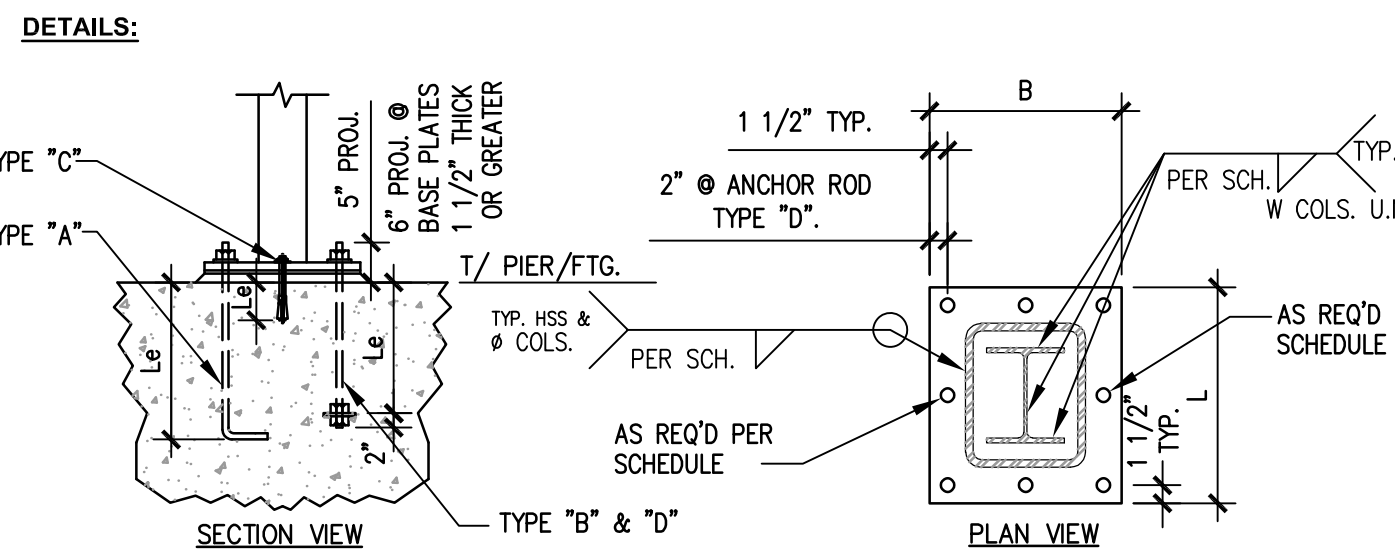
## KEYNOTES

- KEYNOTES ARE TYPICALLY NOT DUPLICATED WITHIN A GIVEN DETAIL. AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.
- 5.137 STRUCTURAL STEEL: STANDARD SINGLE SIDED CLIP ANGLE CONNECTION WITH 3/4" A325N BOLTS U.N.O.
- 5.510 METAL FABRICATION: ANGLE FRAME AS REQUIRED TO ACCOMMODATE ARCHITECTURAL AND M.E.P. OPENINGS. SEE DRAFTING LEGEND ON SHEET 5010 FOR FRAME TYPE DEPICTED. FRAMES REQUIRED FOR ALL OPENINGS 1'-0" AND LARGER AND WHEN MULTIPLE PENETRATIONS IN CLOSE PROXIMITY TO EACH OTHER CAUSE DECK TO BE UNSTABLE. TYPICAL APPLICATIONS INCLUDE, BUT NOT LIMITED TO FLOOR DRAINS, DOWNSPOUTS, PIPING, ROOF DRAINS, SKYLIGHTS, DUCT PENETRATIONS, CURBS OF MECHANICAL EQUIPMENT. COORDINATE SIZE, LOCATION AND QUANTITY WITH ARCHITECTURAL DRAWINGS, M.E.P. DRAWINGS AND CONTRACTORS. ANGLE SIZES AS NOTED.
- 5.579 METAL FABRICATION: COMMERCIAL CLASS STAIR AND LANDING (UPPER AND LOWER) CONSTRUCTION BY STAIR CONTRACTOR. CONTRACTOR TO PROVIDE ALL ASSOCIATED DESIGN AND DETAILING AS REQUIRED. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION. NOTE: ALL HEADER ELEMENTS AND STRINGERS SHALL EXTEND INTO WALLS AND BEAR ON BEARING PLATES. POST INSTALLED ANCHORS INTO SEAT ANGLES, ETC. WILL NOT BE PERMITTED STAIR DETAILER TO BE CONIZANT OF AESTHETICS ASSOCIATED WITH CONNECTIONS AND FRAMING ELEMENTS AT LOCATIONS THAT WILL BE EXPOSED TO VIEW (I.E. BEHIND GLAZING, NO CEILINGS, ETC.).
- 5.707 METAL FABRICATION: ARCHITECTURAL CLASS STAIR AND LANDING (UPPER AND LOWER) CONSTRUCTION BY STAIR CONTRACTOR. CONTRACTOR TO PROVIDE ALL ASSOCIATED DESIGN AND DETAILING AS REQUIRED. SEE PROJECT SPECIFICATIONS FOR ADDITIONAL INFORMATION. NOTE: NOMINAL STAIR STRINGER SIZE AS NOTED. PROVIDE BEAM AND POSTS BELOW INTERMEDIATE LANDING CONCEALED IN WALL FRAMING. PROVIDE CLOSURE PLATES ON ENDS OF TUBE STRINGERS AT EXPOSED LOCATIONS.

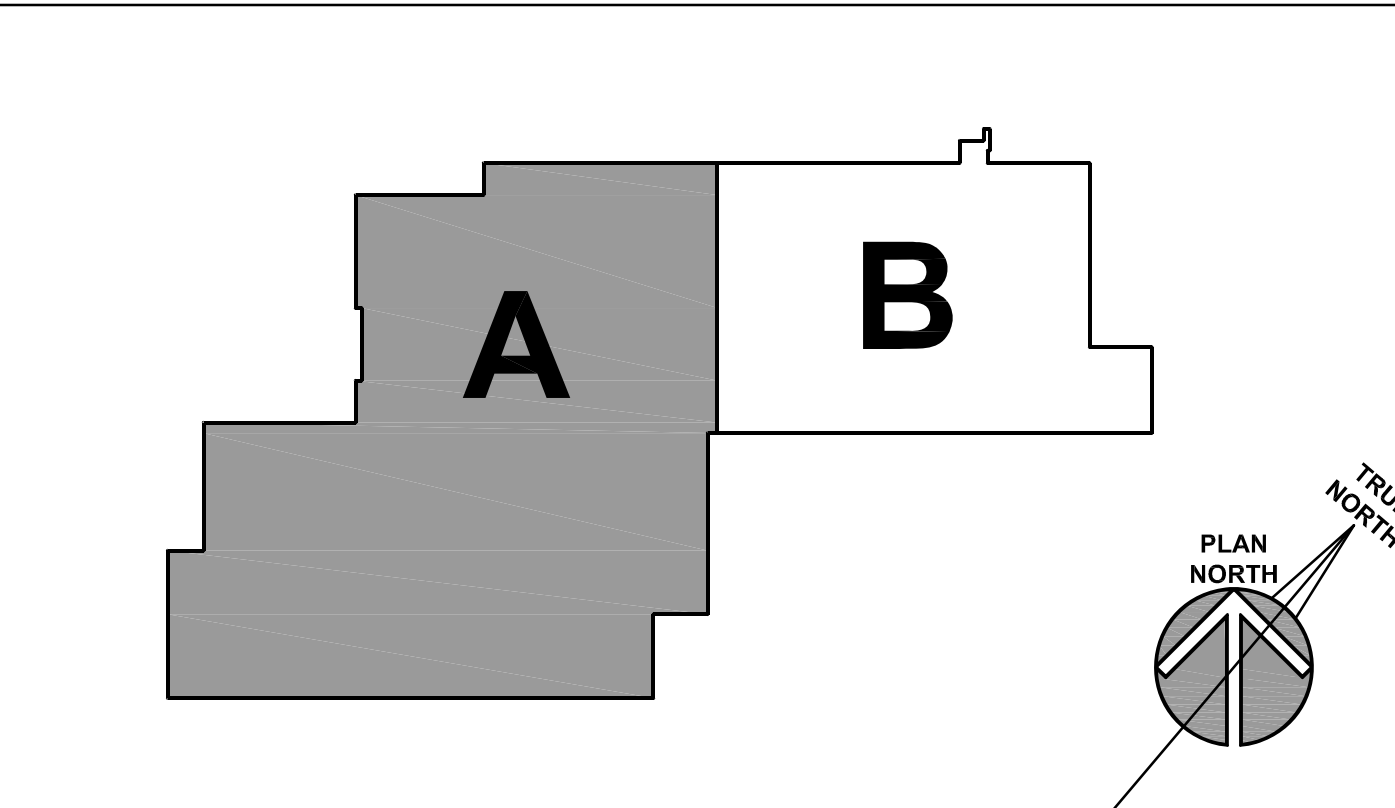
## COLUMN SCHEDULE, NOTES AND DETAILS

MARK	ELEMENT SIZE	BASEPLATE				ANCHOR ROD				SPECIAL COMMENTS
		THICK (t)	WIDTH (B)	LENGTH (L)	WELD	DIA.	TYPE	QTY.	L <sub>e</sub>	
C1	WBx24	3/4"	1'-2"	1'-2"	1/4"	3/4"	A	4	12"	
C2	WBx31	3/4"	1'-2"	1'-2"	1/4"	3/4"	A	4	12"	
C3	W12x40	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	4	24"	
C4	W12x45	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	8	24"	WELD ALL AROUND.
C4A	W12x45	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	4	24"	
C5	W12x50	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	8	24"	WELD ALL AROUND.
C5A	W12x50	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	4	24"	
C6	W12x53	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	8	24"	WELD ALL AROUND.
C6A	W12x53	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	4	24"	
C7	W12x58	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	8	24"	WELD ALL AROUND.
C7A	W12x58	1 1/2"	1'-6"	1'-6"	1/4"	1"	B	4	24"	
C8	W12x65	1 3/4"	1'-7"	1'-7"	5/16"	1 1/4"	D	8	30"	WELD ALL AROUND.
C9	W12x72	1 3/4"	1'-7"	1'-7"	5/16"	1 1/4"	D	8	30"	WELD ALL AROUND.
C10	W12x79	1 3/4"	1'-7"	1'-7"	5/16"	1 1/4"	D	8	30"	WELD ALL AROUND.
C11	W12x87	2"	1'-7"	1'-7"	5/16"	1 1/4"	D	8	30"	WELD ALL AROUND.
C12	W12x106	2"	1'-7"	1'-7"	5/16"	1 1/4"	D	8	30"	WELD ALL AROUND.
C13	HSS12x12x5/8	1 3/4"	1'-7"	1'-7"	5/16"	1 1/4"	D	8	30"	WELD ALL AROUND.
C14	HSS4x4x1/4	1/2"	10"	10"	1/4"	3/4"	A	4	12"	
C15	12x49.5x1/4	1"	1'-1"	1'-6"	5/16"	1 1/4"	A	4	12"	
C16	6x18.75x1/4	1/2"	7"	1'-0"	1/4"	3/4"	A	4	12"	GALVANIZE

- NOTES:**
- SEE PLAN FOR COLUMN LOCATIONS.
  - MATERIAL PROPERTIES:
    - PLATES=ASTM A36
    - W SHAPES=ASTM A992 (F<sub>y</sub>=50 KSI)
    - HSS SHAPES=ASTM A500, GRADE B (F<sub>y</sub>=46 KSI)
    - PIPE=ASTM A53, GRADE B (F<sub>y</sub>=36 KSI)
  - ANCHOR RODS: TYPE A=ASTM F1554, F<sub>y</sub>=36 KSI; TYPE B=A36, FULLY THREADED; TYPE C=POST INSTALLED. TYPE AS NOTED.
  - WELDING ELECTRODES=ETDxw
  - ALL ANCHOR RODS, NUTS, WASHERS AND PLATES TO BE GALVANIZED.
  - PROVIDE MASONRY ANCHORS @ 16" O.C. VERTICALLY ON ALL FACES OF COLUMNS ADJACENT TO MASONRY CONSTRUCTION. SEE ARCHITECTURAL DRAWINGS FOR LOCATIONS.
  - ALL COLUMNS TO HAVE MINIMUM OF 1/2" CAP PLATE U.N.O. ON SECTIONS AND DETAILS. WELD OF CAP PLATE TO COLUMN TO MATCH WELD OF BASE PLATE TO COLUMN SHOWN BELOW.
  - PROVIDE ALL PLATES, ANGLES, ETC. WELDED TO COLUMNS TO SUPPORT METAL DECKING, PRECAST, ETC. FOR COLUMNS WHICH PENETRATE FLOORS.
  - ANCHOR ROD TYPE "A" REQUIRE 4" HOOK. ANCHOR ROD TYPE "B" REQUIRES 3/8"x3"x3" WASHER PLATES AT BOTTOM. ANCHOR ROD TYPE "D" REQUIRES 1/2"x5"x5" WASHER PLATES AT BOTTOM PROVIDE STANDARD NUTS AND WASHERS FOR ALL ANCHOR RODS. PROVIDE ANCHOR ROD TYPE "C" POST INSTALLED ANCHOR AS NOTED.
  - MINIMUM OF (4) ANCHOR RODS ARE REQUIRED AT EACH COLUMN AND LOCATED AT EACH CORNER U.N.O. ANCHOR ROD QUANTITIES GREATER THAN (4) ARE TO BE PLACED BETWEEN THE CORNER BOLTS AS NOTED.
  - 1/4" SETTING PLATE IS REQUIRED AT ALL LOCATIONS U.N.O. SETTING PLATE TO MATCH BASEPLATE FOOTPRINT.
  - BOTTOM OF BASEPLATE TO BE 1" (3/4" GROUT BED + 1/4" SETTING PLATE) ABOVE TOP OF PIER/FOOTING U.N.O.
  - PROVIDE ALL COLUMN SPLICES AS REQUIRED PER OSHA'S LATEST REGULATIONS. TYPE OF COLUMN SPLICE TO BE IMPLEMENTED SHALL BE AT THE FABRICATOR'S OPTION AND PER THE "AISC STEEL CONSTRUCTION MANUAL". THE FABRICATOR'S CONNECTION ENGINEER SHALL BE RESPONSIBLE FOR THE DESIGN AND DETAILING OF THE SPLICE. SUBMIT CALCULATIONS IN ACCORDANCE WITH THE PROJECT DRAWINGS AND SPECIFICATIONS. \* FOR ANY COLUMN THAT IS PART OF A MOMENT FRAME, A CLIP WELDED SPLICE IS REQUIRED. FOR COLUMNS THAT ARE NOT PART OF MOMENT FRAMES, BOLTED SPLICES ARE PERMITTED. MOMENT FRAME COLUMNS ARE DEFINED AS ANY COLUMNS WHICH HAVE BEAM CONNECTIONS TO THE COLUMN USING THE CONNECTIONS DEFINED ON SHEET 5601.



## KEY PLAN



ISSUED	17-401-1124
1. 10/10/18 B.P. #1 - ADDENDUM #1	JMB
2. 10/10/18 B.P. #2 - ADDENDUM #2	JMB
3. 10/10/18 B.P. #3 - ADDENDUM #3	JMB
4. 10/23/18 B.P. #4 - ADDENDUM #4	JMB
5. 10/23/18 B.P. #5 - ADDENDUM #5	JMB
6. 10/23/18 B.P. #6 - ADDENDUM #6	JMB
7. 10/23/18 B.P. #7 - ADDENDUM #7	JMB
8. 10/23/18 B.P. #8 - ADDENDUM #8	JMB
9. 10/23/18 B.P. #9 - ADDENDUM #9	JMB
10. 10/23/18 B.P. #10 - ADDENDUM #10	JMB
JOB NO.	17-401-1124
DRAWN	VAD
CHECKED	JMB
APPROVED	JMB
SHEET TITLE	PARTIAL SECOND FLOOR FRAMING PLAN - AREA 'A'
SHEET NUMBER	S321

## WILL COUNTY HEALTH DEPARTMENT

THE COUNTY OF WILL  
501 ELLA AVENUE  
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PARTIAL SECOND FLOOR FRAMING PLAN - AREA 'A'  
SCALE: 1/8" = 1'-0"



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AN UN-KEYNOTED ITEM IN A DETAIL IS THE SAME AS A KEYNOTED  
ITEM HAVING THE SAME APPEARANCE WITHIN THE SAME DETAIL.

- ## LINTEL SCHEDULE

## LINTEL NOTES AND DETAILS

NOTE: SEE PLAN FOR LINTEL LOCATIONS. LINTELS WITH "M" DENOTES LINTEL REQUIRED FOR M.E.P. ITEMS, M.E.P. CONTRACTORS TO PROVIDE M.O. TO STEEL CONTRACTOR.

2. PROVIDE LINTELS AT 24" ON CENTER AT THE WIDEST POINT. STEEL CONTRACTOR TO COORDINATE ALL PLATE GEOMETRY (WIDTHS, LENGTHS, NOTCHES, ETC.) WITH ARCHITECTURAL DRAWINGS. PLATE WIDTHS ARE (1/2" EACH FACE) LESS THE NOMINAL MASONRY WALL THICKNESS (i.e. 12" WALL = 11 1/2" PLATE).

3. SEE PLAN AND SECTIONS FOR ELEMENT LOCATIONS WITH RESPECT TO PLATE. ALL ELEMENTS TO BE CONCEALED ON PLATE U.N.O.

4. MATERIAL PROPERTIES:

- a. PLATES, CHANNELS, ANGLES=ASTM A36
- b. W & WT SHAPES=ASTM A992 (Fy=50 KSI)
- c. HSS SHAPES=ASTM A500, GRADE B (Fy=46 KSI)
- d. EXTERIOR= GALVANIZED
- e. INTERIOR=PAINTED
- f. WELDING ELECTRODES=E70xx

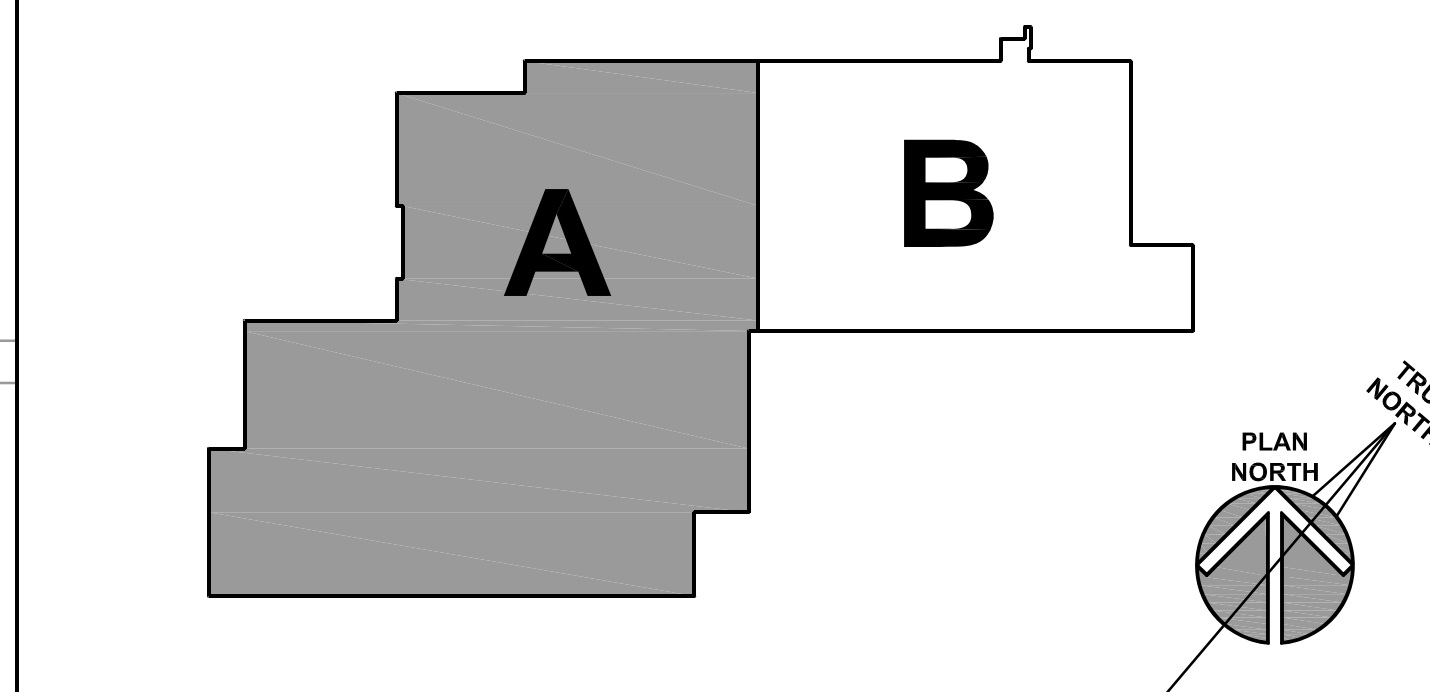
5. PROVIDE MASONRY ANCHORS @ 24" O.C. HORIZONTALLY ON WEBS (N.S. & F.S.) OF ELEMENTS ADJACENT/CONCEALED IN MASONRY CONSTRUCTION.

6. BEARING CONDITIONS:

- a. SEE TYPICAL DETAILS BELOW.
- b. ELEMENTS ADJACENT TO STRUCTURAL MEMBERS (BEAMS, COLUMNS, LINTELS, ETC.) ARE TO CONNECT DIRECTLY TO THESE MEMBERS.
- c. EXTEND ELEMENT BEARING ON BRICK/CRAVCA SPACES TO OBTAIN BEARING ON THE STRUCTURAL ELEMENT (CMU, STEEL FRAMING, ETC.) DO NOT BEAR DIRECTLY ON BRICK/CRAVCA SPACES.
- d. EXTEND ELEMENT OVER BEARING PLATE LENGTH A DISTANCE OF (L/2).
- e. SEE BEARING PLATE SCHEDULE FOR ADDITIONAL INFORMATION.

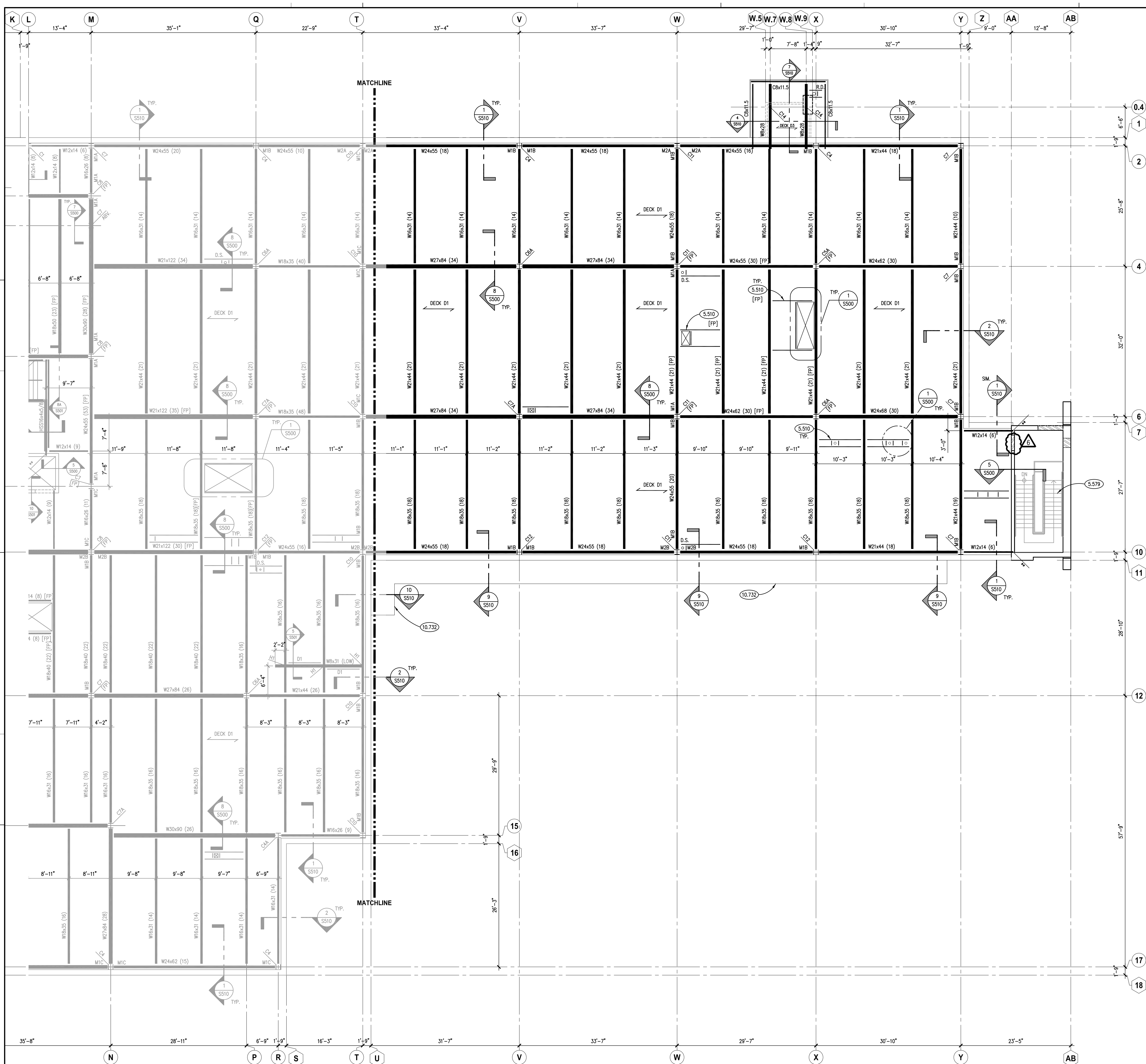
7. BACK TO BACK LOOSE ANGLE LINTELS ARE TO BE TACK WELDED TOGETHER ALONG TOP AND ENDS.

## LINTEL TYPES



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





### KEYNOTES

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10.732 METAL CANOPY: PREFINISHED WITH SUPPORT RODS. REFER TO SPECIFICATIONS.

### METAL DECK SCHEDULE AND NOTES

MARK	TYPE & GAUGE		TOTAL SLAB DEPTH (H)	FINISH	DECK FASTENING			SPECIAL COMMENTS	
	TYPE	GAUGE			FIELD WELDS	EDGE WELDS	SIDELAP SCREWS		
D1	3	VL	18	6"	GALVANIZED	36/4	12"	1/2 PTS	TYPICAL FLOOR U.N.O.
D2	3	N	20	N.A.	PAINTED	24/4	8"	1/4 PTS.	TYPICAL ROOF U.N.O.
D3	1.5	B	20	N.A.	PAINTED	36/4	6"	1/2 PTS.	CANOPY ROOFS

**NOTES:**

- SEE PLAN FOR DECK LOCATIONS.
- ALL WELDS TO BE 5/8" PUDDLE WELDS U.N.O.
- ALL SIDELAP FASTENERS TO BE #10 TEK SCREWS EQUALLY SPACED BETWEEN SUPPORTS U.N.O. BUTT PUNCH SIDELAPS FOR FLOOR DECKS ACCEPTABLE.
- CONCRETE SLABS ARE TO BE NORMAL WEIGHT (70=4,000 PSI) AND REINFORCED WITH 6x6-W2.1xW2.1 W.W.F. U.N.O.
- ALL COMPOSITE DECKING IS INTENDED TO BE UNSHORED. REFER TO NOTE 6 FOR ADDITIONAL INFORMATION.
- METAL DECK MANUFACTURER FOR BASIS OF DESIGN IS VULCRAFT (TYPE AND GAUGE AS NOTED IN SCHEDULE). IF THE USE OF AN ALTERNATE DECK MANUFACTURER IS DESIRED, CONTRACTOR IS TO SUBMIT ALL PRODUCT DATA TO E.O.R. FOR REVIEW.
- MINIMUM BEARING LENGTHS TO BE PER SDI RECOMMENDATIONS.
- ROOF DECKS TO HAVE LAPPED DECK ENDS. FLOOR DECKS TO HAVE BUTTED DECK ENDS.
- PROVIDE ALL BENT PLATE CLOSURES, POUR STOPS, ETC. AS REQUIRED TO FACILITATE CONCRETE POUR CONTAINMENT.
- POUR STOP GAUGE TO BE PER THE SDI TABLE. MINIMUM GAUGE TO BE 16.
- GALVANIZED DECKS TO HAVE MINIMUM OF G60 COATING U.N.O.
- ALL ROOF DECK TO RECEIVE FIRE-PROOFING ARE TO BE GALVANIZED. ALL OTHER ROOF DECK TO BE PRIME-PAINTED U.N.O.
- PROVIDE MINIMUM OF 3 SPAN CONDITION FOR ALL ROOF DECKS. PROVIDE MINIMUM OF 2 SPAN CONDITION FOR ALL FLOOR DECK.

### BEARING PLATE SCHEDULE, NOTES AND DETAILS

MARK	THICK (T)	WIDTH (W)	LENGTH (L)	SPECIAL COMMENTS
BP1	1/2"	7"	7"	ALL W8'S, W12'S, W14'S
BP2	5/8"	7"	7"	ALL HSS16'S, W16'S

**NOTES:**

- SEE PLAN AND LINTEL SCHEDULES FOR BEARING PLATE LOCATIONS. ALL BEAMS, JOISTS, LINTELS (EXCEPT ANGLES) REQUIRE BEARING PLATES. ANY OPEN/UNTAGGED BEARING PLATES, CONTRACTOR TO ASSUME A BP3 FOR BIDDING PURPOSES.
- BEARING PLATES TO BE SET LEVEL AND AT THE ELEVATIONS NOTED ON CONTRACT DRAWINGS AND SHOP DRAWINGS. CONTRACTOR TO COORDINATE AND VERIFY ALL ELEVATIONS.
- BEARING PLATES REQUIRE MINIMUM OF (2)-3/8"x4" LG. HEADED STUDS U.N.O.
- BEARING PLATES ARE TO BE CENTERED ON BEAM, JOIST AND LINTEL ELEMENTS U.N.O.
- BEARING PLATES FOR JOISTS SHALL BE PLACED NOT MORE THAN 1/2" FROM THE INTERIOR FACE OF THE WALL.
- BEARING PLATES EXPOSED TO VIEW NEED TO BE SET SO THE PLATE IS CONCEALED WITHIN THE MASONRY FACE SHELL OR MORTAR JOINT. EXCEPTION: STEEL JOISTS.
- FOR CAVITY WALLS, OMIT INSULATION AND GROUT CAVITY SOLID FULL HEIGHT WHERE REQUIRED TO ACCOMMODATE BEARING PLATE LOCATION.
- ALL BEARING PLATES NOT BEARING DIRECTLY ON BOND BEAMS REQUIRE A 2'-0" WIDTH OF GROUTED SOLID MASONRY EXTENDING DOWN TO THE BOND BEAM ELEVATION. IF NO BOND BEAMS PRESENT, PROVIDE MINIMUM GROUT DEPTH OF (2) FULL COURSES U.N.O.
- EXTEND ELEMENTS OVER BEARING PLATE A DISTANCE OF (L-2").

**DETAILS:**

### KEY PLAN

**KLUBER**  
Architects + Engineers

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Tel. 630.406.2113  
Gurnee, Illinois 60031  
Tel. 847.336.4428  
www.kluberinc.com

**WILL COUNTY HEALTH DEPARTMENT**

THE COUNTY OF WILL  
501 ELLA AVENUE  
JOLIET, IL 60433

ISSUED

NO.	DATE	BY	APP.	DESCRIPTION
1	10/11/18	B.P.	W.B.	17-401-1124
2	10/11/18	B.P.	W.B.	17-401-1124
3	10/11/18	B.P.	W.B.	17-401-1124
4	10/23/18	B.P.	W.B.	17-401-1124
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9	10/23/18	B.P.	W.B.	17-401-1124
10	10/23/18	B.P.	W.B.	17-401-1124

JOB NO. 17-401-1124  
DRAWN VAD  
CHECKED JMB  
APPROVED JMB

SHEET TITLE  
PARTIAL SECOND FLOOR FRAMING PLAN - AREA 'B'

SHEET NUMBER  
S322







## KEYNOTES

- 5.135 STRUCTURAL STEEL: "KINK" BEAM TO MATCH ROOF GEOMETRY. PROVIDE FULL PENETRATION SHOP WELD WITH ALL REQUIRED SHOP TESTING OF WELD.
- 5.510 METAL FABRICATION: ANGLE FRAME AS REQUIRED TO ACCOMMODATE ARCHITECTURAL AND M.E.P. OPENINGS. SEE DRAFTING LEGEND ON SHEET S010 FOR FRAME TYPE DEPICTED. FRAMES REQUIRED FOR ALL OPENINGS 1'-0" AND LARGER AND WHEN MULTIPLE PENETRATIONS IN CLOSE PROXIMITY TO EACH OTHER CAUSE DECK TO BE UNSTABLE. TYPICAL APPLICATIONS INCLUDE, BUT NOT LIMITED TO FLOOR DRAINS, DOWNSPOUTS, PIPING, ROOF DRAINS, SKYLIGHTS, DUCT PENETRATIONS AND CURBS OF MECHANICAL EQUIPMENT. COORDINATE SIZE, LOCATION AND QUANTITY WITH ARCHITECTURAL DRAWINGS, M.E.P. DRAWINGS AND CONTRACTORS. ANGLE SIZES AS NOTED.
- 23.072 MECHANICAL ROOFTOP UNIT: REFER TO MECHANICAL DRAWINGS; COORDINATE STEEL SUPPORT WITH MANUFACTURER; MAX. WEIGHT TO BE AS NOTED ON THE CONTRACT DOCUMENTS.

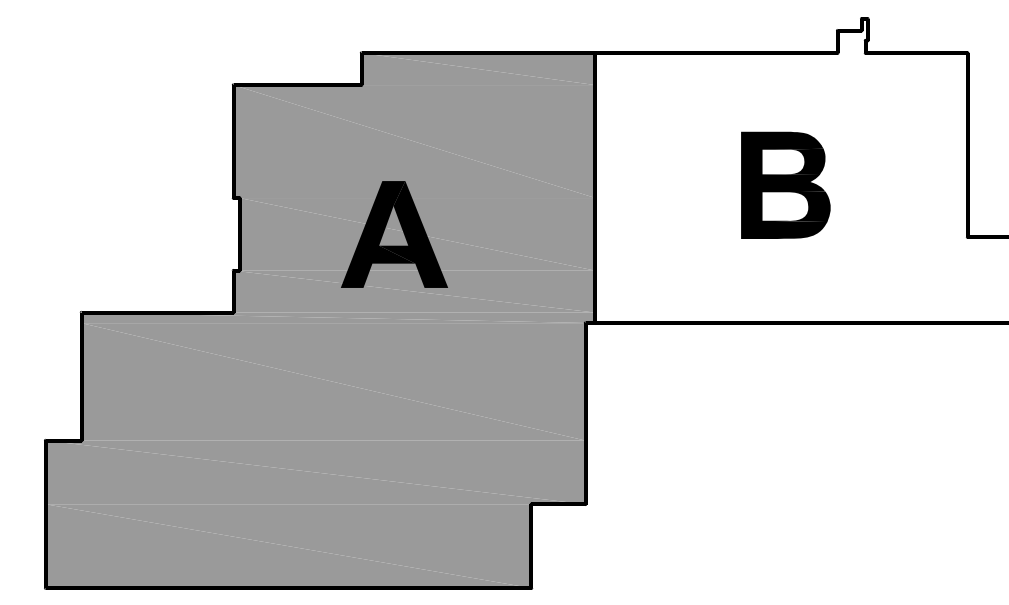
**Kluber**  
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**WILL COUNTY HEALTH DEPARTMENT**

THE COUNTY OF WILL  
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JOLIET, IL 60433

## KEY PLAN



ISSUED		JOB NO.		DRAWN		CHECKED		APPROVED		SHEET TITLE		SHEET NUMBER	
1	10/11/18	B.P. #1 - ADDENDUM #1	17-401-1124	1	VAD	1	JMB	1	JMB	PARTIAL ROOF FRAMING PLAN - AREA 'A'		1	
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3	10/11/18	B.P. #1 - ADDENDUM #1		3		3		3					
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5	10/23/18	B.P. #2 - MISC. STYL. STRUCT. ENCL.		5		5		5					
6	10/23/18	B.P. #2 - MISC. STYL. STRUCT. ENCL.		6		6		6					
7	10/23/18	B.P. #2 - MISC. STYL. STRUCT. ENCL.		7		7		7					
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10	10/23/18	B.P. #2 - MISC. STYL. STRUCT. ENCL.		10		10		10					

## PARTIAL ROOF FRAMING PLAN - AREA 'A'

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



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- 4.260 UNIT MASONRY: PROVIDE POCKET IN WALL TO ALLOW FOR CONNECTION OF STEEL ELEMENTS. INFILL POCKET AFTER STEEL INSTALLATION.
- 4.290 MASONRY ACCESSORY: CONTROL JOINT DEVICE.
- 5.315 STEEL FLOOR DECK: CONTINUOUS LIGHT GAUGE POUR STOP AROUND ENTIRE PERIMETER/EDGE. PROVIDE GAUGE BASED ON OVERHANG DIMENSION PER SDI POUR STOP TABLE. MINIMUM GAUGE TO BE 16 U.N.O.

**Kluber**  
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ISSUED		REVISIONS	
1	10/11/18	B.P. #1 - REVISION #1	
2	10/10/18	B.P. #1 - ADDENDUM #3	
3	10/23/18	B.P. #2 - MISCELLANEOUS STRUCTURAL ENCL.	
4	10/23/18	B.P. #2 - PLAN REVIEW COMMENTS	
5	10/23/18	B.P. #2 - PLAN REVIEW COMMENTS	
6	10/23/18	B.P. #2 - ADDENDUM #1	

JOB NO. 17-401-1124  
DRAWN VAD  
CHECKED JMB  
APPROVED JMB

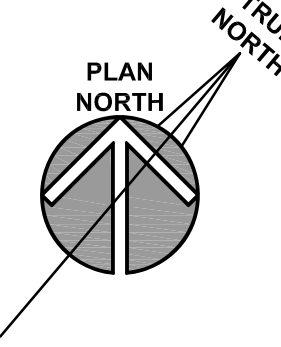
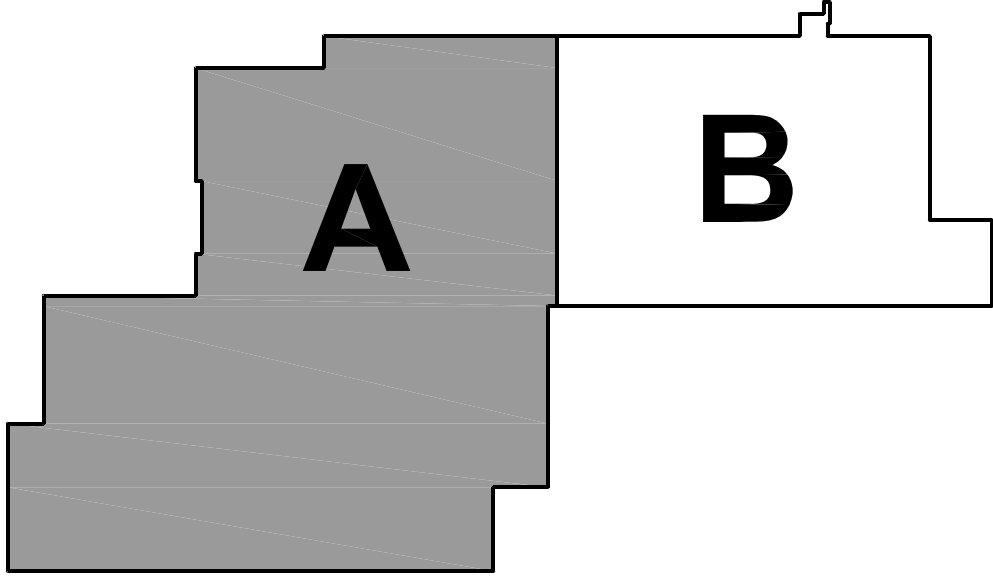
SHEET TITLE

PARTIAL ROOF  
SLAB & LINTEL  
PLAN - AREA 'A'

SHEET NUMBER

**S331S**

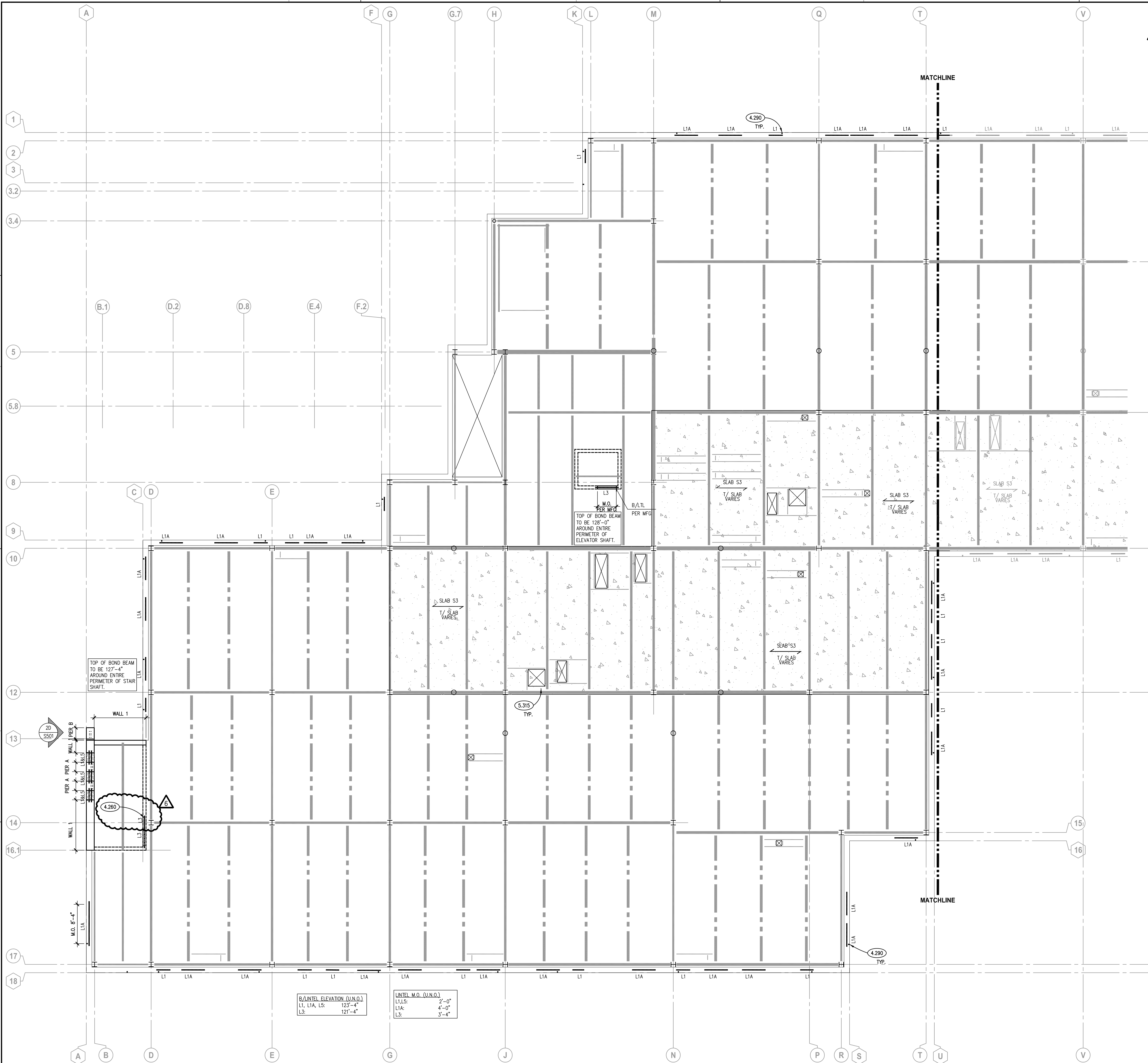
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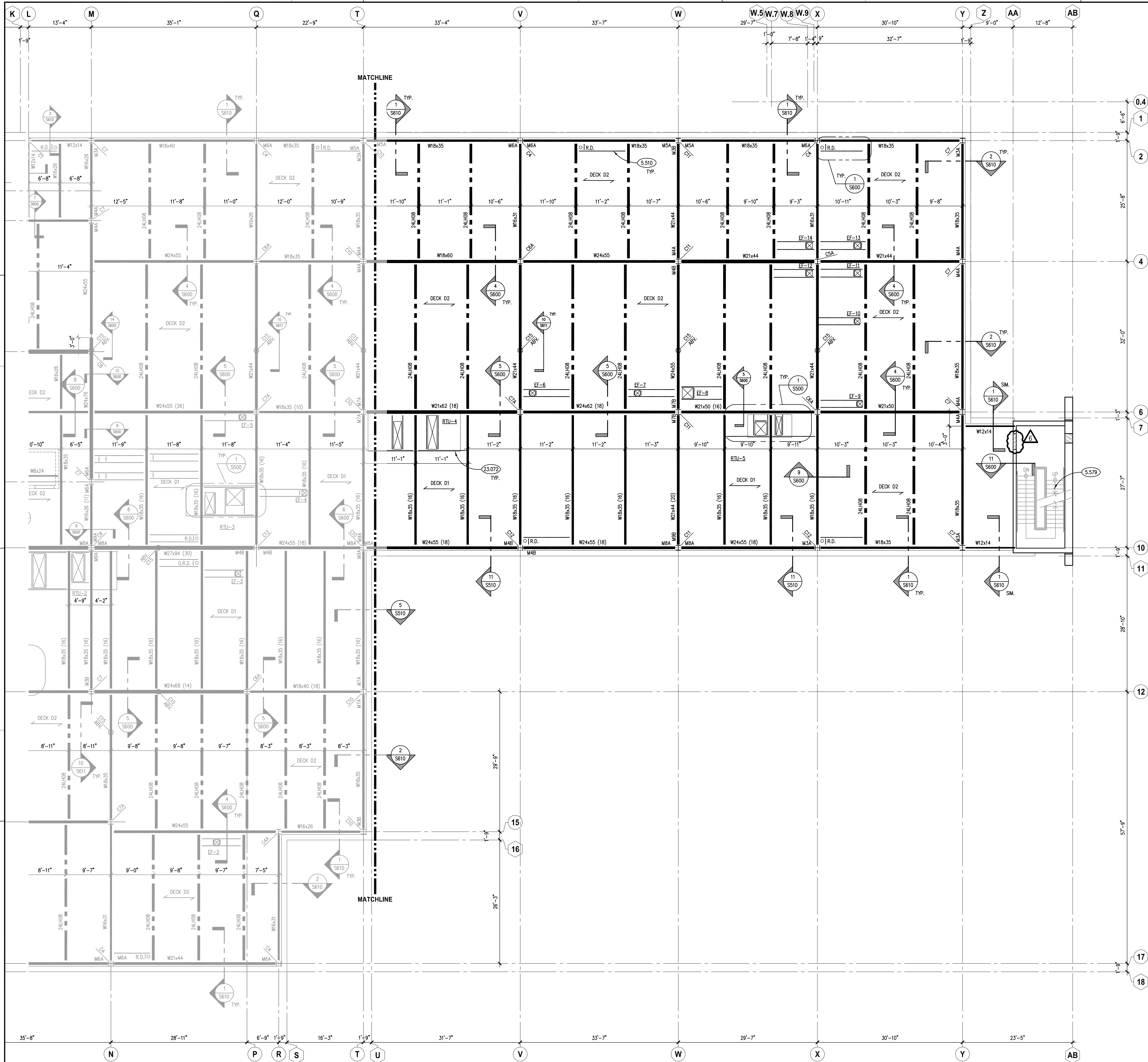
PARTIAL ROOF SLAB & LINTEL PLAN - AREA 'A'

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

1







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**KEY PLAN**

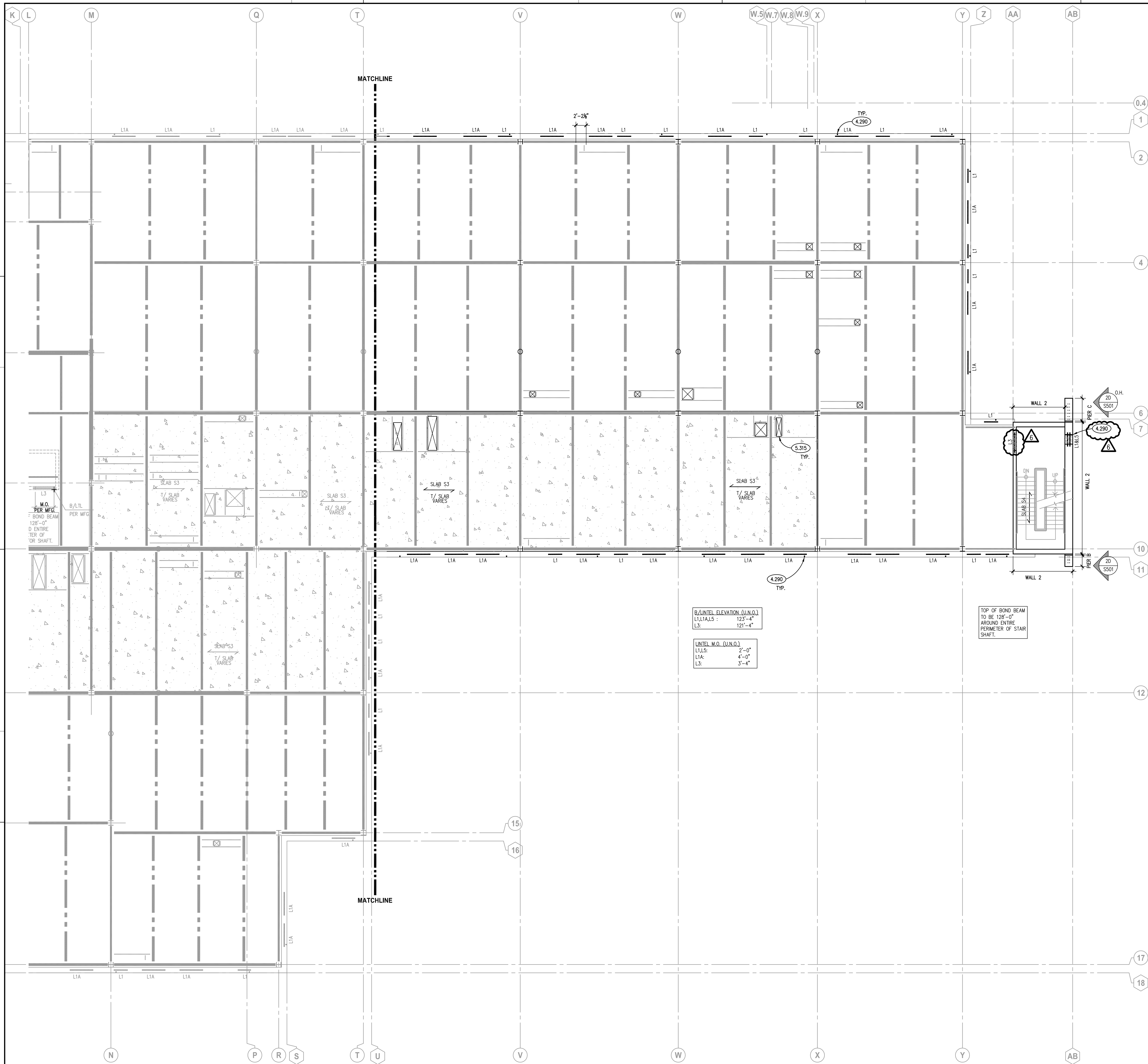
**TRUE NORTH**

**PLAN NORTH**

**ISSUED**

NO.	DATE	BY	DESCRIPTION
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3	10/10/18	B.P.	REVISION #2
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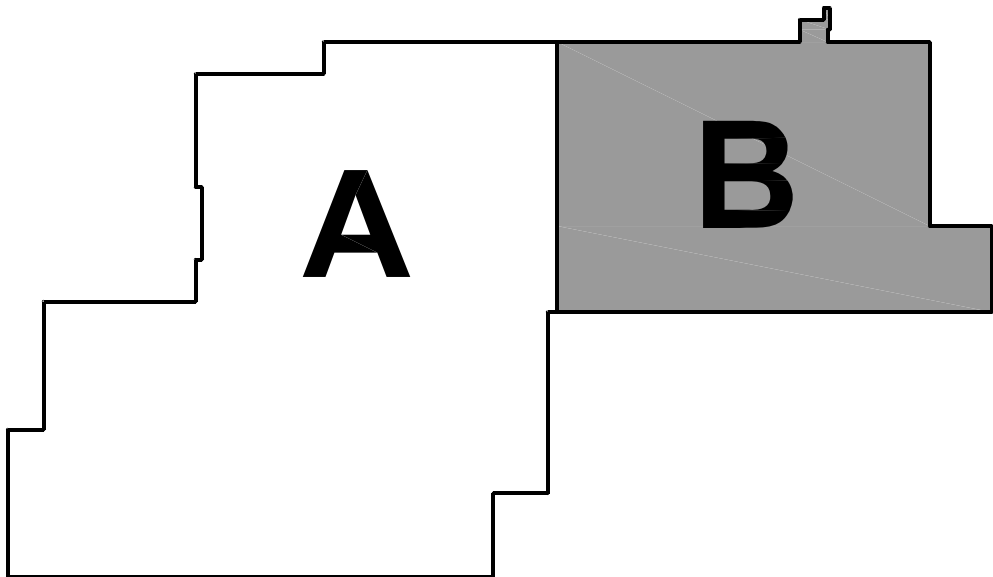


KEYNOTES

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- 4.290 MASONRY ACCESSORY: CONTROL JOINT DEVICE.
- 5.315 STEEL FLOOR DECK: CONTINUOUS LIGHT GAUGE POUR STOP AROUND ENTIRE PERIMETER/EDGE. PROVIDE GAUGE BASED ON OVERHANG DIMENSION PER SDI POUR STOP TABLE. MINIMUM GAUGE TO BE 16 U.N.O.

KEY PLAN



PARTIAL ROOF SLAB & LINTEL PLAN - AREA 'B'

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

**Kluber**  
Architects + Engineers

**Kluber, Inc.**  
Barrington, Illinois 60010  
Tel. 847.336.2413  
Gurnee, Illinois 60031  
Tel. 847.336.2426  
www.klubereinc.com

**WILL COUNTY HEALTH DEPARTMENT**  
THE COUNTY OF WILL  
501 ELLA AVENUE  
JOLIET, IL 60433

ISSUED		REVISIONS	
1	10/11/18	B.P. #1 - REVISION #1	
2	10/11/18	B.P. #1 - ADDENDUM #1	
3	10/23/18	B.P. #2 - MISCELL. STRUCT. ENCL.	
4	10/23/18	B.P. #2 - PLAN REVIEW COMMENTS	
5	10/23/18	B.P. #2 - ADDENDUM #1	
6	10/23/18	B.P. #2 - ADDENDUM #1	

JOB NO. 17-401-1124  
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CHECKED JMB  
APPROVED JMB

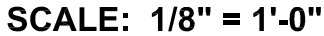
SHEET TITLE

PARTIAL ROOF  
SLAB & LINTEL  
PLAN - AREA 'B'

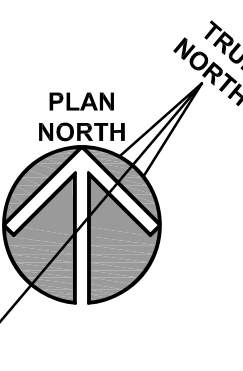
SHEET NUMBER

**S332S**





4.290 MASONRY ACCESSORY: CONTROL JOINT DEVICE



**Kluber, Inc.**  
Batavia, Illinois 60510  
tel. 630.406.1213

Gurnee, Illinois 60031  
tel. 847.336.3428

[www.kluberinc.com](http://www.kluberinc.com)

**Klüber**  
Architects + Engineers

ISSUED	
1	10/01/18 B.P. #1 - ADDENDUM #1
3	10/10/18 B.P. #1 - ADDENDUM #3
4	10/23/18 B.P. #2 - NISC. STL / STRUC. ENCL.
5	11/12/18 B.P. #1 - PLAN REVIEW COMMENTS
6	10/31/18 B.P. #2 - ADDENDUM #1

OB NO. 17-401-1124

DRAWN VAD

CHECKED JME

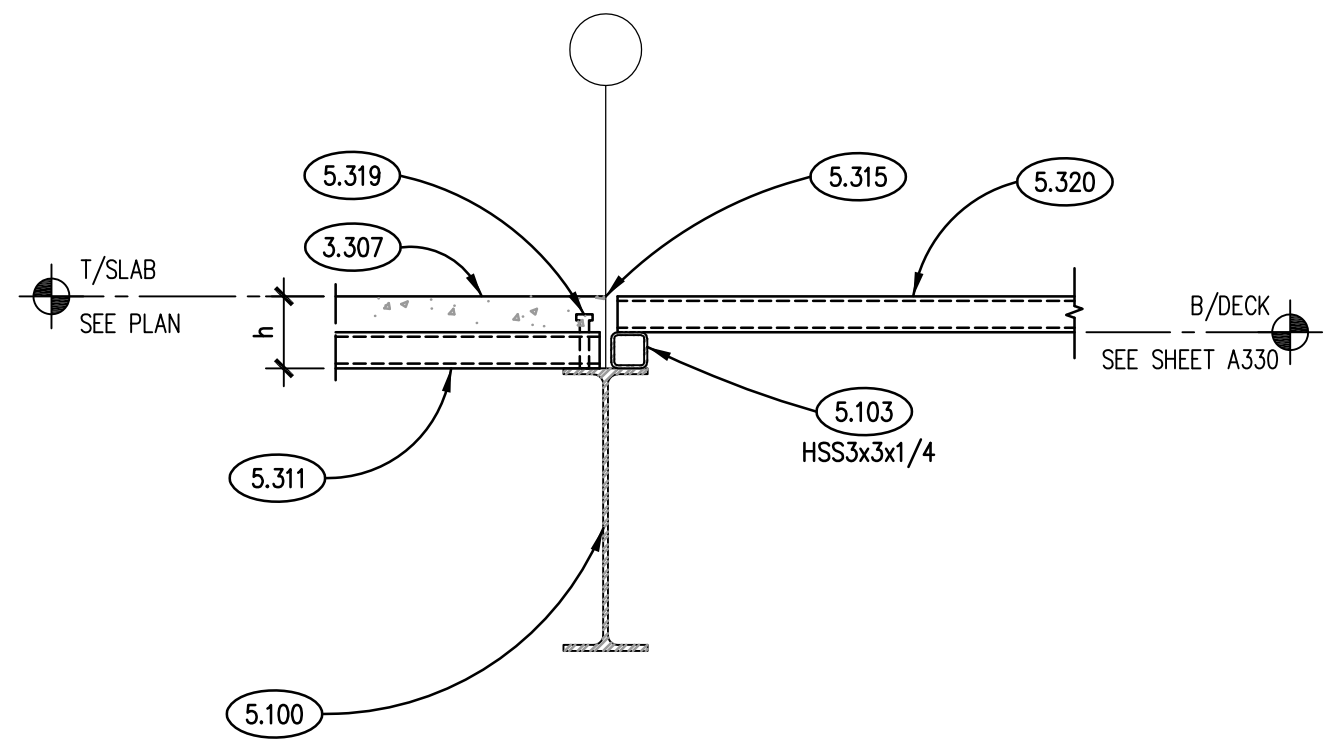
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**PARTIAL HIGH  
ROOF & SCREEN  
WALL FRAMING  
PLAN - AREA 'B'**

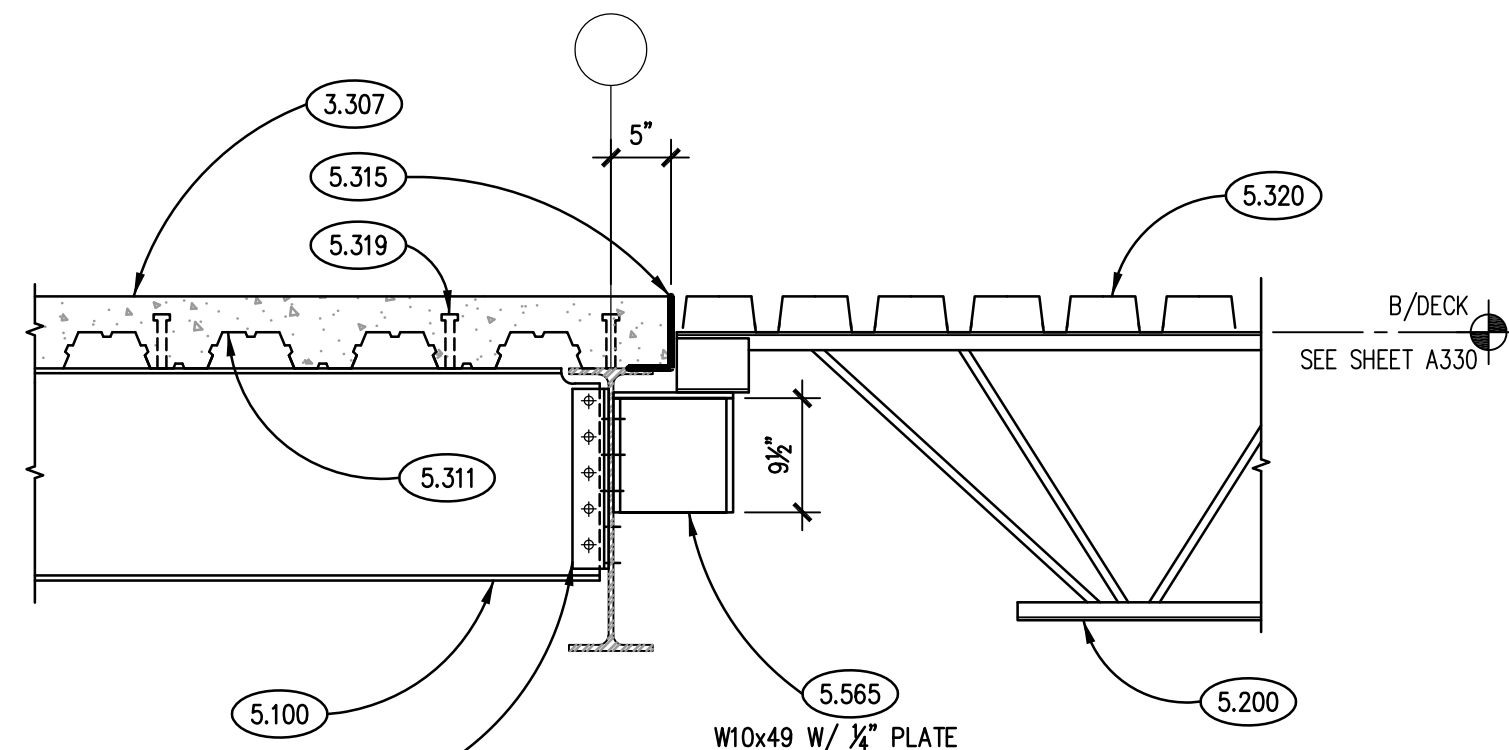
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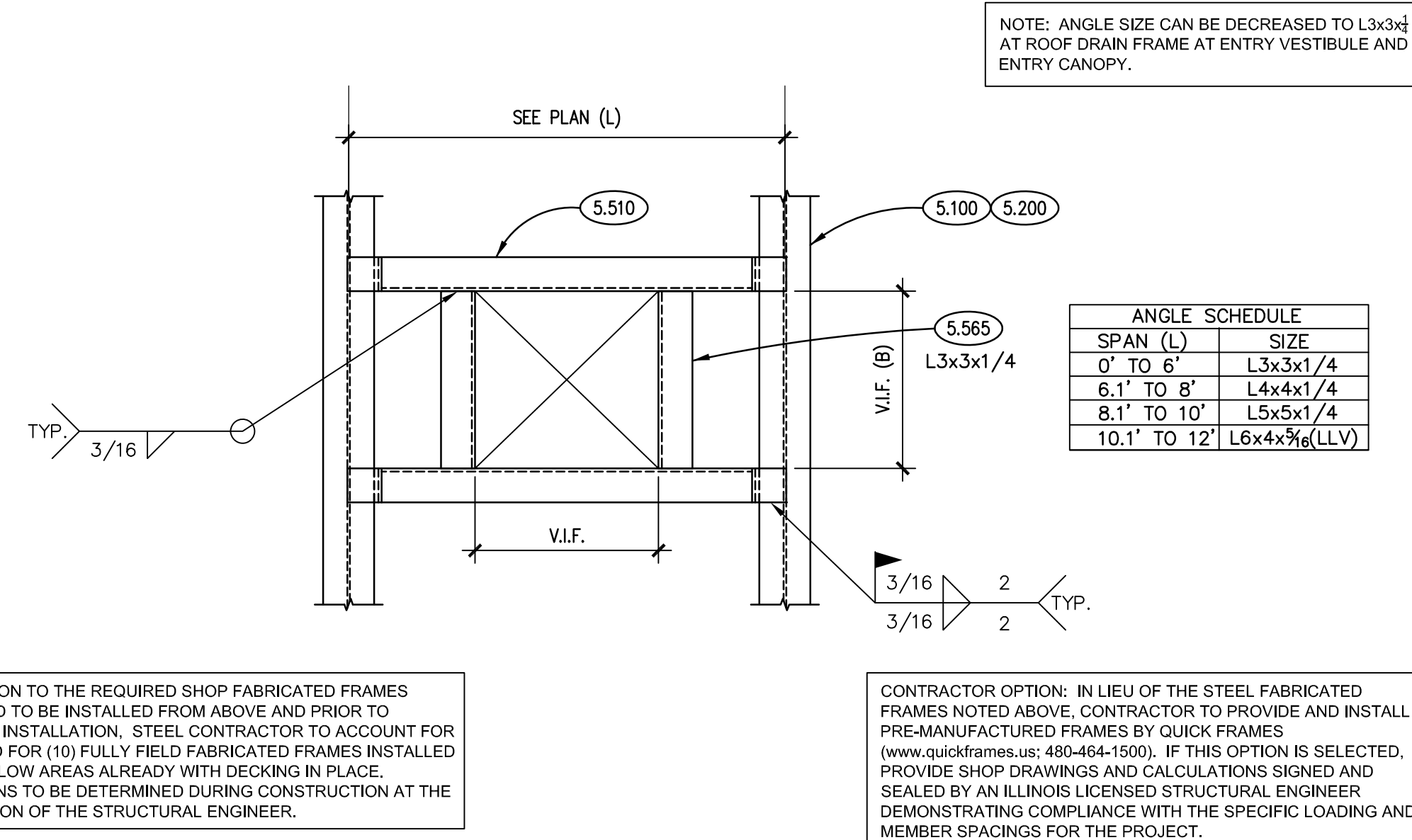




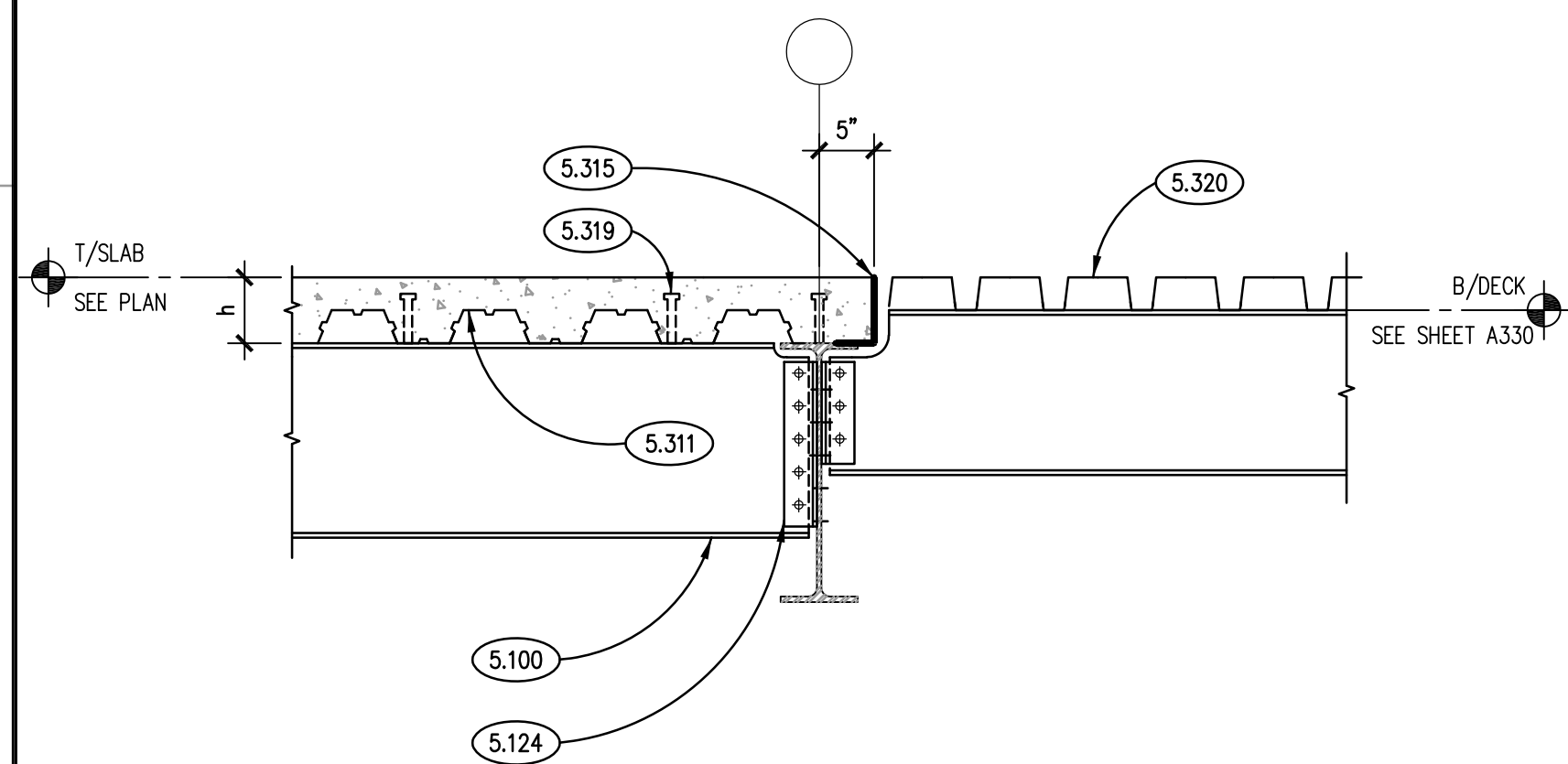
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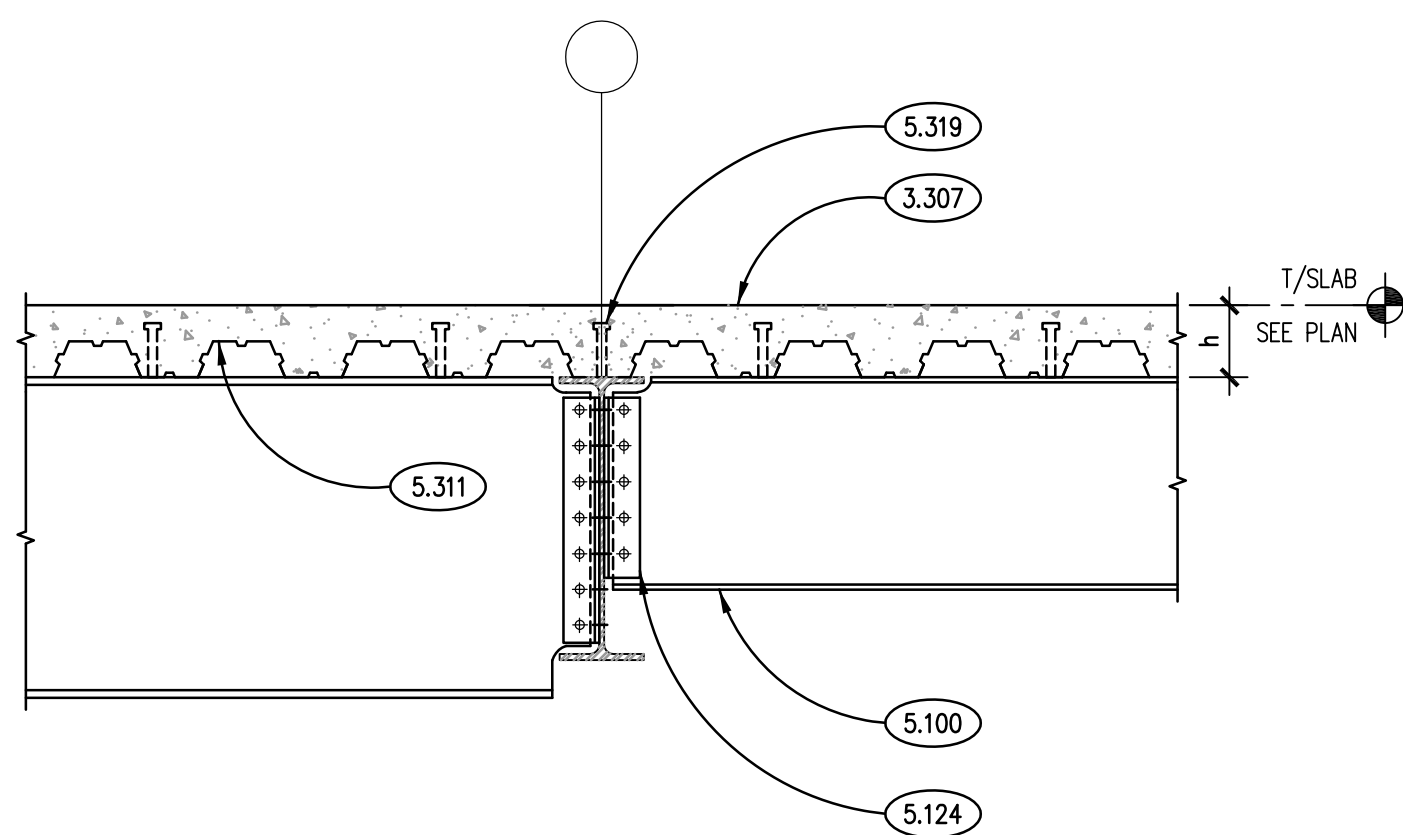
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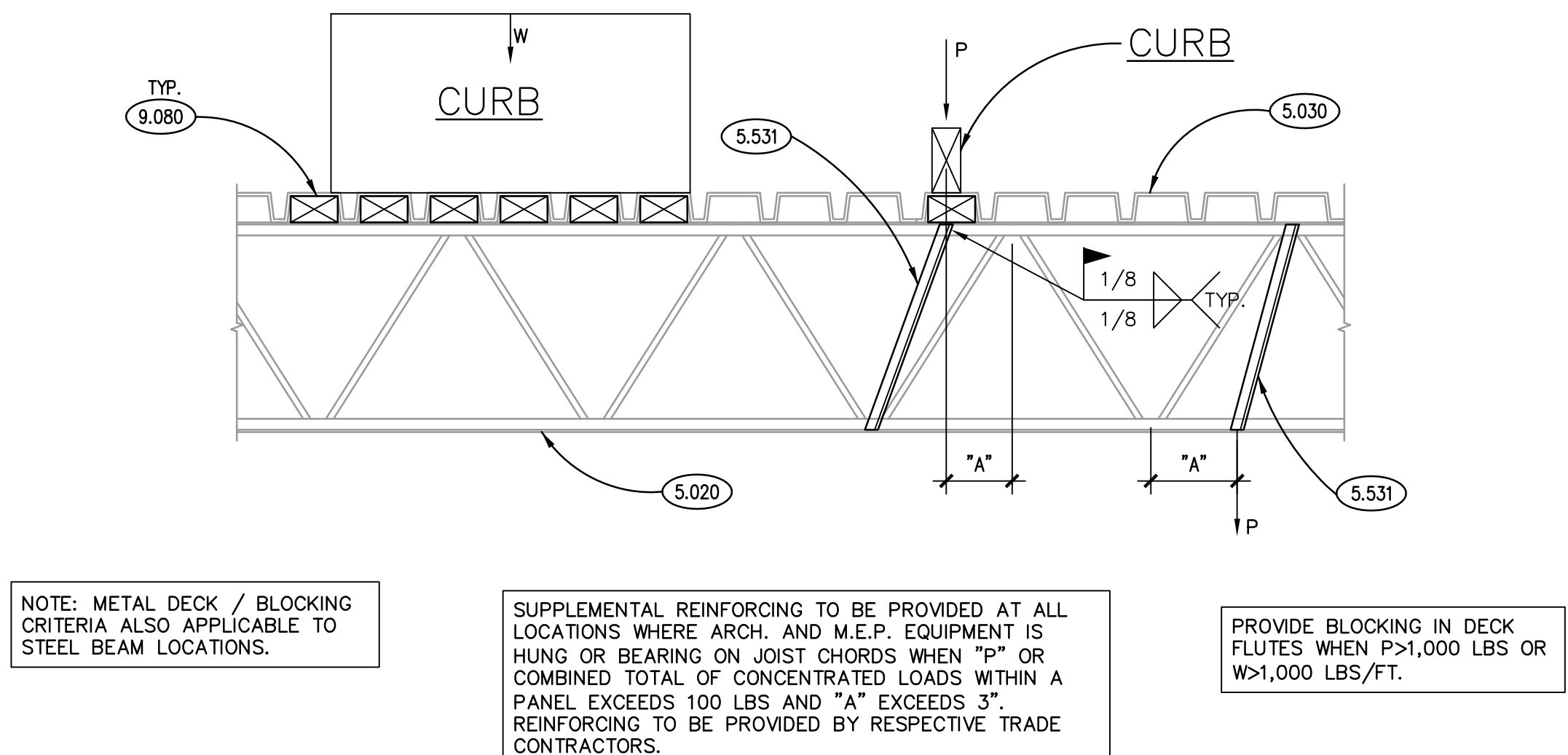
TYPICAL ROOF OPENING FRAMING DETAIL 1  
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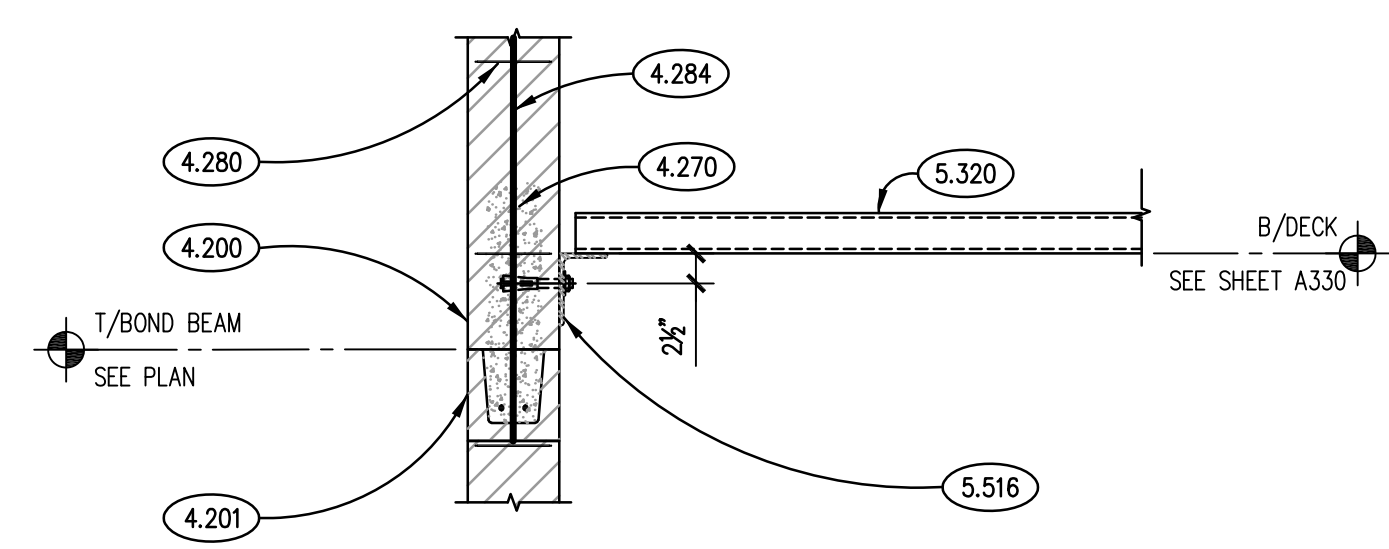
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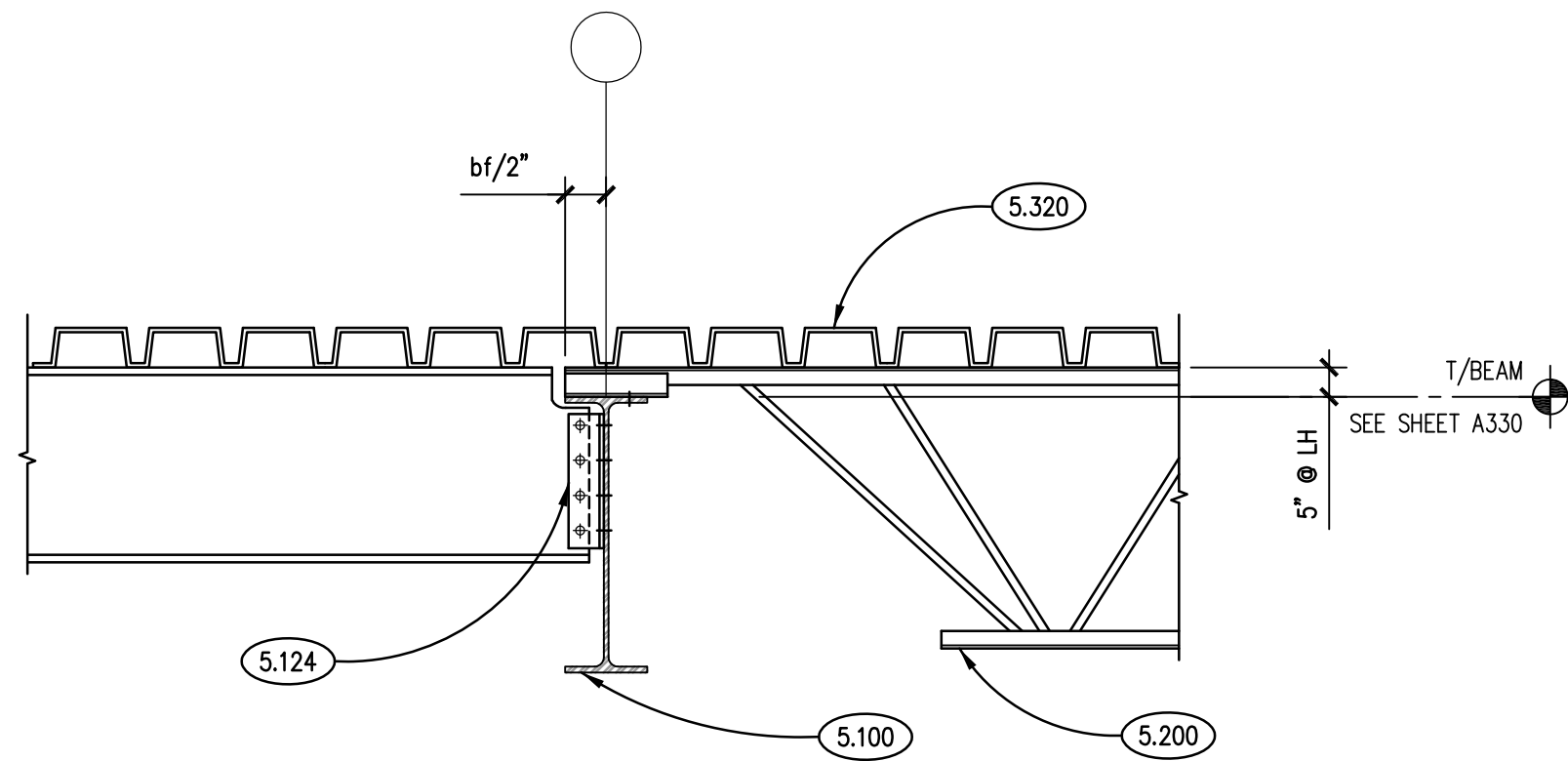
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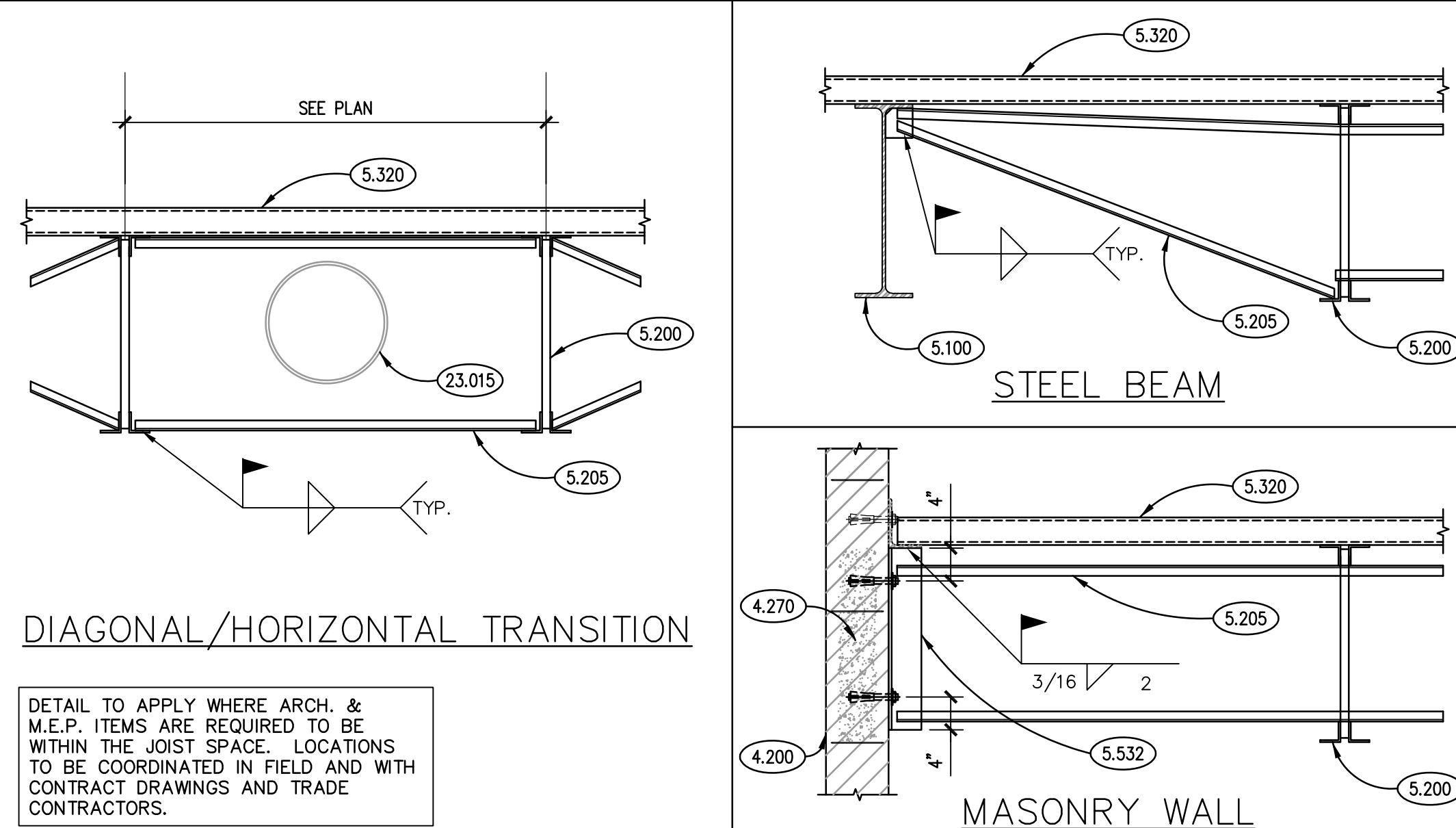
TYPICAL JOIST REINFORCING DETAIL 2  
SCALE: N.T.S.



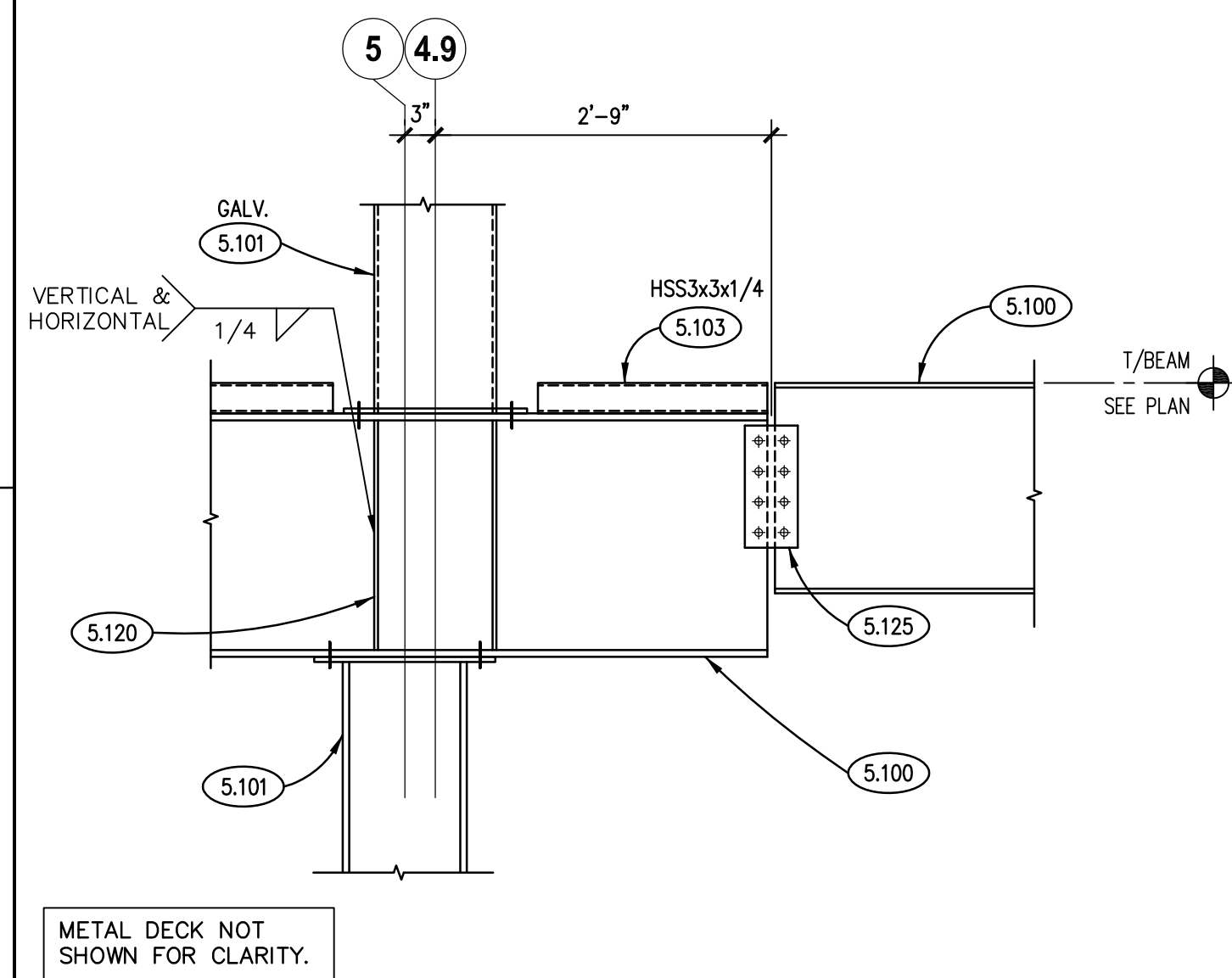
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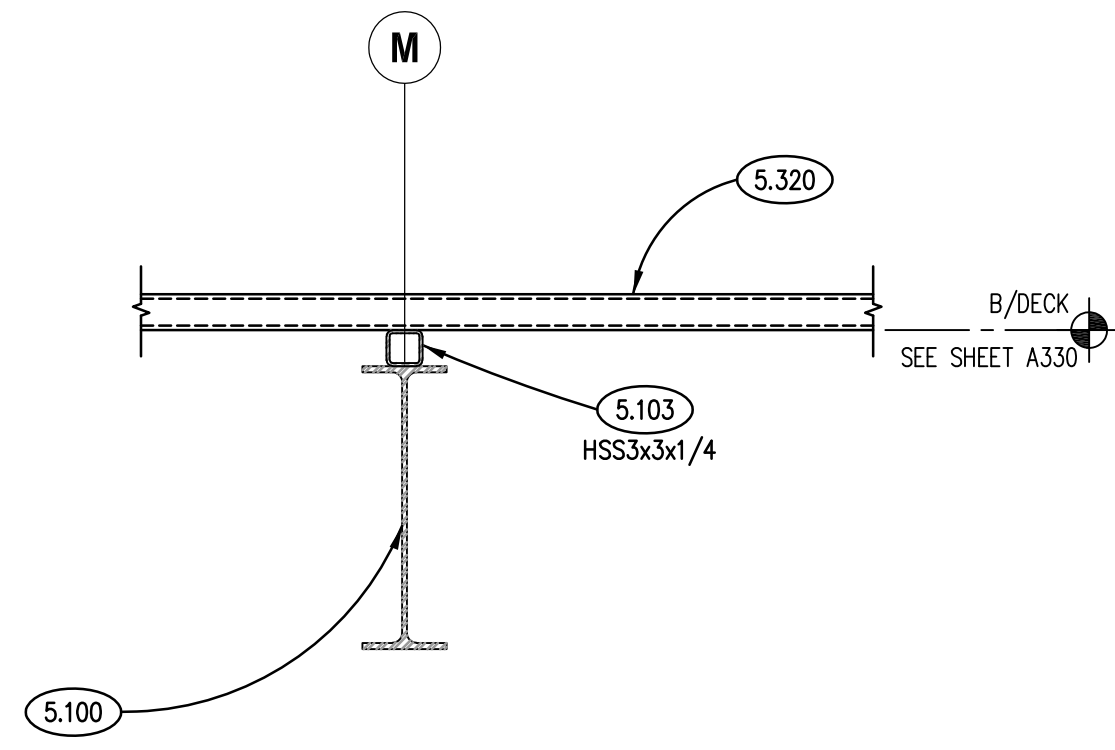
TYP. JOIST/BEAM/GIRDER CONNECTION DETAIL 7  
SCALE: 3/4"=1'-0"



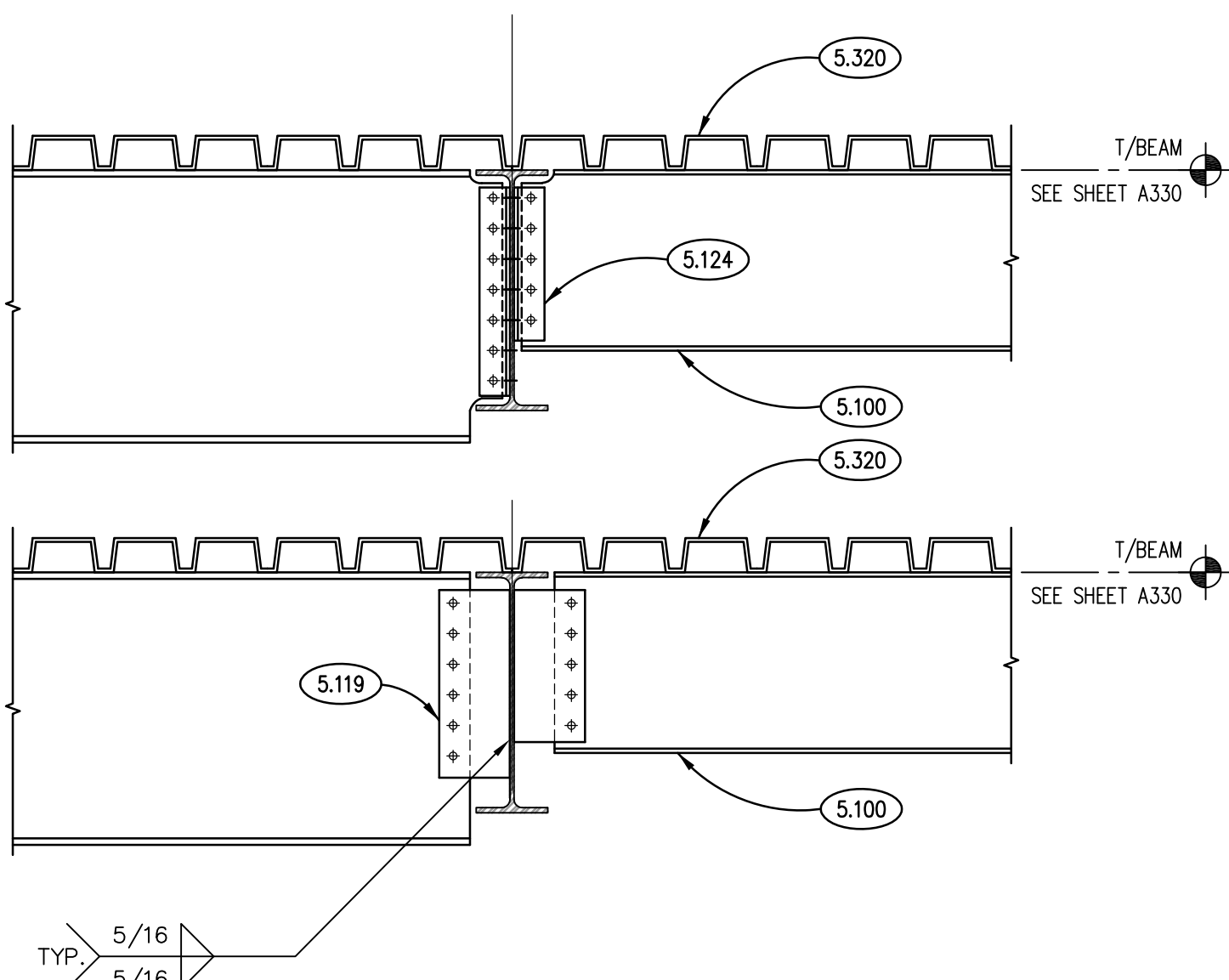
TYPICAL JOIST BRIDGING DETAILS 3  
SCALE: N.T.S.



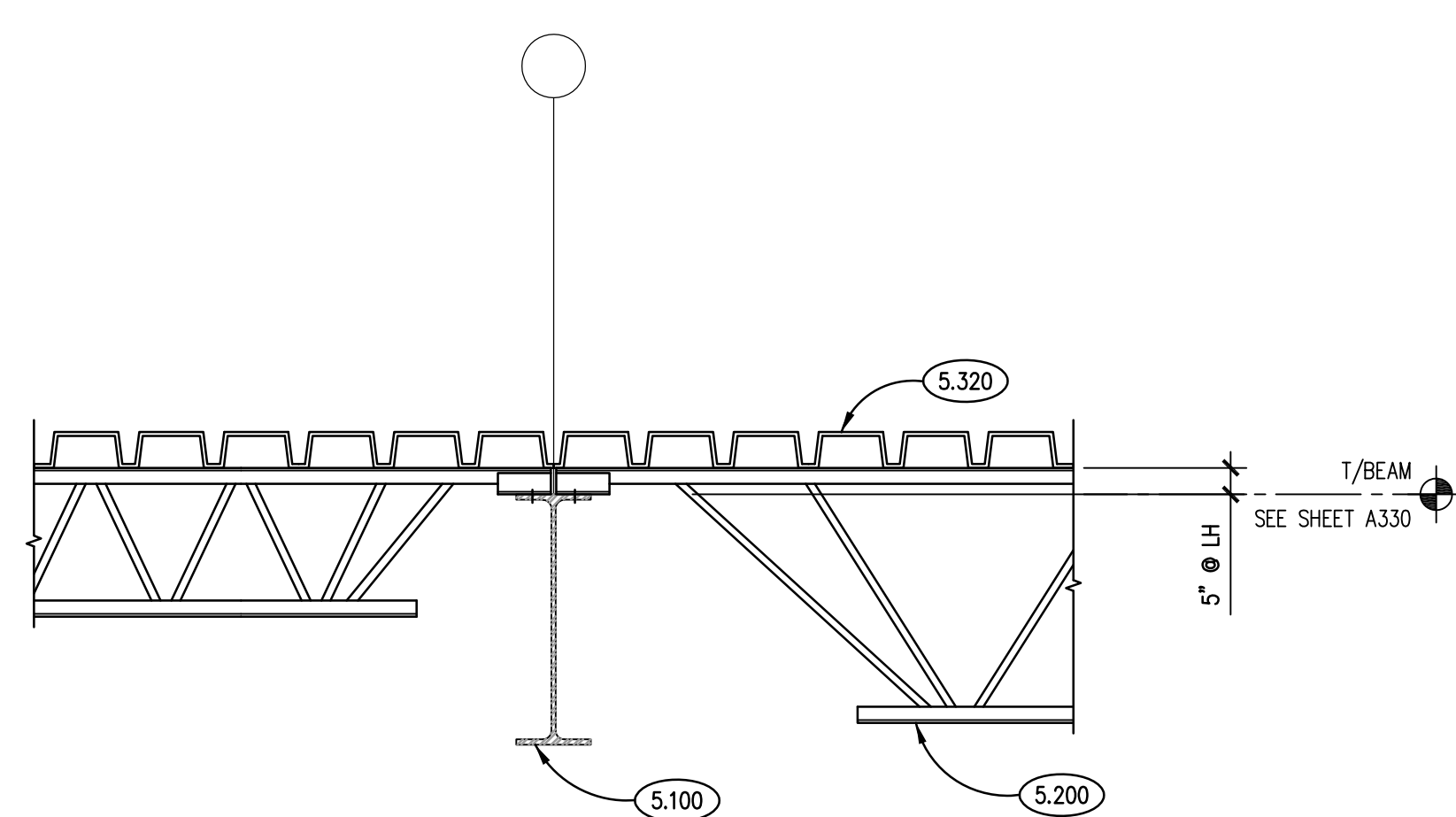
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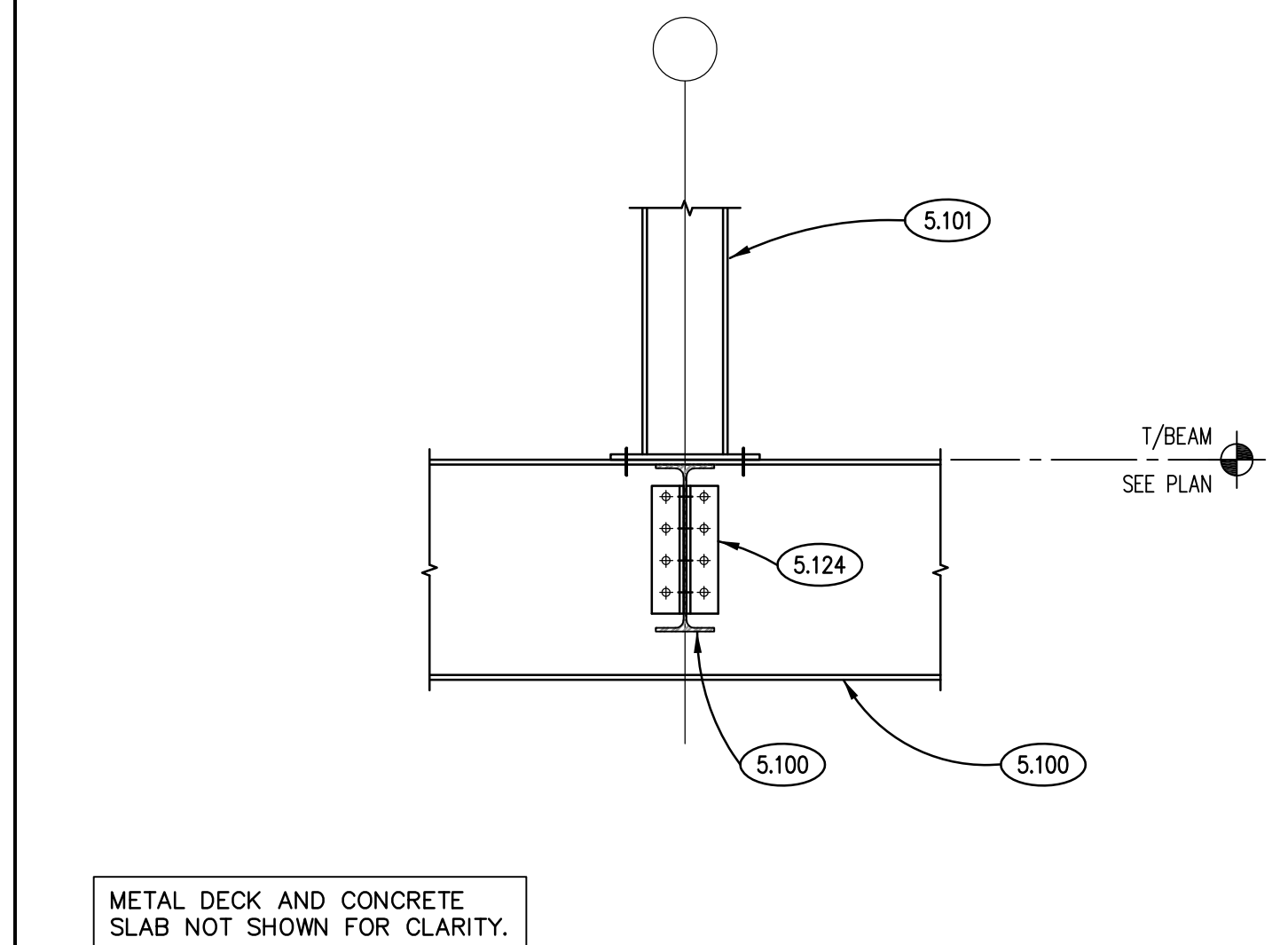
SECTION 12  
SCALE: 3/4"=1'-0"



TYPICAL BEAM/GIRDER CONNECTION DETAIL 8  
SCALE: N.T.S.



TYPICAL JOIST/BEAM CONNECTION DETAIL 4  
SCALE: 3/4"=1'-0"



TYP. COLUMN DETAIL 13  
SCALE: 3/4"=1'-0"

## KEYNOTES

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- 3.307 CAST-IN-PLACE CONCRETE: SLAB ON METAL DECK. REFER TO PLAN, SCHEDULES AND SPECIFICATIONS FOR THICKNESS, REINFORCING, MIX TYPE AND FINISH.
- 4.200 UNIT MASONRY: REFER TO PLANS, SCHEDULES, ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR DETAILED INFORMATION INCLUDING BLOCK SIZE, COURSING AND FACE BRICK/STONE.
- 4.201 UNIT MASONRY: CONTINUOUS BOND BEAM WITH REINFORCING AND GROUT. PROVIDE (2)-#4 BARS U.N.O. COORDINATE ELEVATION WITH BEARING CONDITIONS AND ADJACENT WALL CONSTRUCTION. BOND BEAM ELEVATIONS MAY NOT LIKELY TO COINCIDE WITH BEARING PLATE/GRILLAGE BEAM ELEVATIONS. REINFORCING TO RUN CONTINUOUS THROUGH ALL CONTROL/JOINT JOINTS U.N.O.
- 4.270 MASONRY GROUT: CONTINUOUS GROUTED SOLID MASONRY COURSES. REFER TO SPECIFICATIONS. ALL CMU CELLS CONTAINING REBAR/ANCHORS TO BE GROUTED SOLID.
- 4.280 MASONRY ANCHORAGE AND REINFORCEMENT: CONTINUOUS JOINT REINFORCEMENT. 16" O.C. VERTICAL SPACING.
- 4.284 MASONRY ANCHORAGE AND REINFORCEMENT: FULL HEIGHT REINFORCING BARS. SET WITH REBAR POSITIONERS. REFER TO PLANS AND SCHEDULES FOR SIZE, QUANTITY AND SPACING. GROUT SOLID INTO PLACE.
- 5.020 METAL FABRICATION: EXISTING STEEL JOIST.
- 5.030 METAL FABRICATION: EXISTING METAL DECKING.
- 5.100 STRUCTURAL STEEL: STEEL BEAM. REFER TO PLAN.
- 5.101 STRUCTURAL STEEL: STEEL COLUMN. REFER TO PLAN AND SCHEDULE.
- 5.103 STRUCTURAL STEEL: STEEL TUBE. REFER TO PLAN.
- 5.119 STRUCTURAL STEEL: 3/8" EXTENDED SHEAR TAB WITH 3/4" A325 BOLTS.
- 5.120 STRUCTURAL STEEL: 3/8" STIFFENER PLATE NEAR SIDE AND FAR SIDE OF BEAM WEB U.N.O. OR DEPICTED.
- 5.124 STRUCTURAL STEEL: STANDARD DOUBLE CLIP ANGLE CONNECTION WITH 3/4" A325N BOLTS U.N.O.
- 5.125 STRUCTURAL STEEL: 3/8" PLATE W.S. & F.S. WITH 3/4" A325N BOLTS U.N.O.
- 5.200 STEEL JOISTS: STEEL JOIST. REFER TO PLAN.
- 5.205 STEEL JOISTS: HORIZONTAL/DIAGONAL BRIDGING PER SJI AND OSHA STANDARDS. LOCATE BRIDGING AWAY FROM SKYLIGHTS AND WINDOWS WHERE EXPOSED TO VIEW.
- 5.311 STEEL FLOOR DECK: COMPOSITE DECK. REFER TO PLAN AND SCHEDULES.
- 5.315 STEEL FLOOR DECK: CONTINUOUS LIGHT GAUGE FOUR STOP AROUND ENTIRE PERIMETER/EDGE. PROVIDE GAUGE BASED ON OVERHANG DIMENSION PER SJI POUR STOP TABLE. MINIMUM GAUGE TO BE 16 U.N.O.
- 5.319 STEEL FLOOR DECK: WELDED HEADED SHEAR STUD. REFER TO PLAN FOR SIZE AND QUANTITY. STAGGER STUDS ON EACH SIDE OF CONSTRUCTION JOINTS WHERE APPLICABLE.
- 5.320 STEEL ROOF DECK: REFER TO PLAN AND SCHEDULES.
- 5.510 METAL FABRICATION: ANGLE FRAME AS REQUIRED TO ACCOMMODATE ARCHITECTURAL AND M.E.P. OPENINGS. SEE DRAFTING LEGEND ON SHEET 3010 FOR FRAME TYPE DEPICTED. FRAMES REQUIRED FOR ALL OPENINGS 1'-0" AND LARGER AND WHEN MULTIPLE PENETRATIONS IN CLOSE PROXIMITY TO EACH OTHER CAUSE DECK TO BE UNSTABLE. TYPICAL APPLICATIONS INCLUDE, BUT NOT LIMITED TO FLOOR DRAINS, DOWNSPOUTS, PIPING, ROOF DRAINS, SKYLIGHTS, DUCT PENETRATIONS AND CURBS OF MECHANICAL EQUIPMENT. COORDINATE SIZE, LOCATION AND QUANTITY WITH ARCHITECTURAL DRAWINGS, M.E.P. DRAWINGS AND CONTRACTORS. ANGLE SIZES AS NOTED.
- 5.516 METAL FABRICATION: CONTINUOUS STEEL ANGLE ANCHORED TO WALL USING POST INSTALLED ANCHORS. ANGLE ORIENTATION AS DEPICTED. ANGLE SIZE TO BE L6x4x3/8 U.N.O. ANCHORS TO BE 3/4" EXPANSION ANCHORS PER PROJECT SPECIFICATIONS. SPACING TO BE 2'-0" O.C. U.N.O. EMBEDMENT TO BE 4 3/4" U.N.O. AT BACK TO BACK LOCATIONS, OFFSET ANCHORS 1'-0" TO AVOID CONFLICTING ANCHORS.
- 5.531 METAL FABRICATION: STEEL JOIST SUPPLEMENTAL REINFORCING ANGLE TO BE ADDED BY THE RESPECTIVE TRADE CONTRACTOR WHEREVER M.E.P. AND ARCHITECTURAL ITEMS BEAR ON OR HANG FROM JOIST CHORDS WHICH EXCEED 100 POUNDS (OR COMBINED TOTAL OF CONCENTRATED LOADS WITHIN A PANEL EXCEEDS 100 LBS) AND "A">"3". ANGLE SIZE TO BE L1 1/2x1 1/2x3/16 U.N.O.
- 5.532 METAL FABRICATION: STEEL JOIST BRIDGING ANGLE BY STEEL CONTRACTOR. ANCHOR TO WALL USING 3/4" EXPANSION ANCHORS PER PROJECT SPECIFICATIONS. COORDINATE WITH JOIST MANUFACTURER. ANGLE SIZE TO BE L3x3x1/4 U.N.O.
- 5.565 METAL FABRICATION: MISCELLANEOUS STEEL ELEMENTS AS NOTED. CONNECT TO SUPPORTING ELEMENTS AS DEPICTED.
- 9.080 BLOCKING: PROVIDE SOLID NON-COMBUSTIBLE BLOCKING (CONCRETE CEMENT BOARD OR EQ.) AS REQUIRED FOR LOADING.
- 23.015 M.E.P. ITEM: MECHANICAL PIPING. REFER TO MECHANICAL DRAWINGS.