To: Prospective Bidders

From: Wold Architects and Engineers

Date: August 18, 2022

Comm. No: 213131

Subject: Addendum No. 1 for Bidding Documents for the **NEW YOUTH JUSTICE & REHIBILITATION CENTER.**

BIDS DUE SEPTEMBER 1, 2022 AT 11:00 A.M.

This addendum forms a part of the Contract Documents dated August 5, 2022. Acknowledge receipt of this Addendum on the space provided on the Bid Form. Failure to do so may result in disqualification of Bid.

This Addendum consists of three (3) typed sheets and attachments:
Specifications: 00 01 10, 22 13 13
Drawings: C4.00, A0.02, A2.00a, A2.00b, A2.01, A4.10, A4.20, A4.22, A4.70, S2.00, S2.00a, S2.00b, S2.01a, S2.10, S2.10a, S2.10b, S2.11a , S2.20a, S2.21a, S4.00, S5.01, E4.50, E5.01, ES2.00a, ES3.00

PRIOR APPROVALS

The following schedule amends designated specification sections to list additional acceptable manufacturers. Use of any product by any of these manufacturers will be permitted only if after review of shop drawings or detailed product data per Section 01 33 00, Architect determines that proposed materials or equipment are equivalent in performance, construction and appearance to product(s) specified.

Where anticipated product substitutions would alter the design or space requirements indicated on the Drawings, pay for cost of design and construction revisions including the cost of associated work by other contractors.

For complete requirements, see Specification Section 01 25 00 – Substitutions and Product Options.

Section No.	Item	Type	Acceptable Manufacturer
09 51 00	2.02 B.3.	Wood Ceiling	USG True Wood Grilles
09 51 00	2.02 B.3.	Wood Ceiling	Geometrik Geopanel Linear – Wood Ceiling and Wall Panels

SPECIFICATIONS

1) **SPECIFICATION SECTION 00 01 10 – TABLE OF CONTENTS**
   A. Reissued this addendum.
2) **SPECIFICATION SECTION 22 13 13 – INLINE SEWAGE GRINDERS**
   B. Issued this addendum.

DRAWINGS

1) **DRAWING C4.00 – SITE UTILITY PLAN**
   A. Reissued this addendum.
2) **DRAWING A0.02 – CODE PLAN**
   A. Reissued this addendum.
3) **DRAWING A2.00a – MAIN LEVEL FLOOR PLAN – AREA 'A'**
   A. Reissued this addendum.
4) **DRAWING A2.00b – MAIN LEVEL FLOOR PLAN – AREA 'B'**
   A. Reissued this addendum.
5) **DRAWING A2.01 – UPPER LEVEL FLOOR PLAN – AREA 'A'**
   A. Reissued this addendum.
6) **DRAWING A2.02 – ALTERNATE #1 FLOOR PLAN & ROOF PLAN**
   Drawing not reissued by Addendum, see below for sheet revisions.
   A. Add Floor Plan Keynote #31: PROVIDE BLOCKING IN WALL FOR FUTURE TV INSTALLATION BY OWNER.
   B. Revise the dimension between gridlines 8 & 9 = 5′-0″.
   C. Revise the dimension between gridlines 9 & 10 = 13′-4″.
   D. Revise the dimension between gridlines 10 & 11 = 23′-6″.
   E. Revise the dimension between gridlines 11 & 12 = 5′-10″.
7) **DRAWING A4.10 – DETAILS - GENERAL - SYMBOLS, ABBREVIATIONS, & SCHEDULES**
   A. Reissued this addendum.
8) **DRAWING A4.20 – DETAILS - VERTICAL CIRCULATION**
   A. Reissued this addendum.
9) **DRAWING A4.22 – DETAILS - VERTICAL CIRCULATION**
   A. Reissued this addendum.
10) **DRAWING A4.60 – INTERIOR ELEVATIONS**
    Drawing not reissued by Addendum, see below for sheet revisions.
    A. Add Interior Elevation General Notes #5: ALL EXPOSED CMU TO BE 8″ X 8″ V-SCORED APPEARNANCE – SEE SPECIFICATION SECTION 04 20 00.
11) **DRAWING A4.61 – INTERIOR ELEVATIONS**
    Drawing not reissued by Addendum, see below for sheet revisions.
    A. Add Interior Elevation General Notes #5: ALL EXPOSED CMU TO BE 8″ X 8″ V-SCORED APPEARNANCE – SEE SPECIFICATION SECTION 04 20 00.

12) **DRAWING A4.62 – INTERIOR ELEVATIONS**
    Drawing not reissued by Addendum, see below for sheet revisions.
    A. Add Interior Elevation General Notes #5: ALL EXPOSED CMU TO BE 8″ X 8″ V-SCORED APPEARNANCE – SEE SPECIFICATION SECTION 04 20 00.
13) **DRAWING A4.70 – DETAILS - INTERIOR WALL TYPES**
    A. Reissued this addendum.
14) **DRAWING S2.00 – OVERALL FOUNDATION PLAN**
    A. Reissued this addendum.
15) **DRAWING S2.00a – FOUNDATION PLAN – AREA 'A'**
    A. Reissued this addendum.
16) **DRAWING S2.00b – FOUNDATION PLAN – AREA 'B'**
    A. Reissued this addendum.
17) **DRAWING S2.01a – FOUNDATION PLAN – AREA 'A' ALTERNATE**
    A. Reissued this addendum.
18) **DRAWING S2.10 – OVERALL UPPER LEVEL / ROOF FRAMING PLAN**
    A. Reissued this addendum.
19) **DRAWING S2.10a – UPPER LEVEL ROOF FRAMING PLAN – AREA 'A'**
    A. Reissued this addendum.
20) **DRAWING S2.10b – ROOF FRAMING PLAN – AREA 'B'**
    A. Reissued this addendum.
21) **DRAWING S2.11a – UPPER LEVEL FLOOR / ROOF FRAMING PLAN – AREA 'A' ALTERNATE**
    A. Reissued this addendum.
22) **DRAWING S2.20a – HIGH ROOF FRAMING PLAN – AREA 'A'**
    A. Reissued this addendum.
23) **DRAWING S2.21a – HIGH ROOF FRAMING PLAN – AREA 'A' ALTERNATE**
    A. Reissued this addendum.
24) **DRAWING S4.00 – FLOOR FRAMING DETAILS AND SECTIONS**
    A. Reissued this addendum.
25) **DRAWING S5.01 – ROOF FRAMING DETAILS AND SECTIONS**
    A. Reissued this addendum.
26) **DRAWING E4.50 – ELECTRICAL KITCHEN PLAN**
    A. Reissued this Addendum.
27) **DRAWING E5.01 – ONE LINE DIAGRAM**
    A. Reissued this Addendum.
28) **DRAWING ES2.00a – MAIN LEVEL FLOOR PLAN – AREA 'A'**
    A. Reissued this Addendum.
29) **DRAWING ES3.00 – ENLARGED PLANS**
    A. Reissued this Addendum.

END OF ADDENDUM #1

SECTION 00 01 10

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21 22 00	Clean-Agent Fire Suppression Systems
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22 05 19	Meters and Gages For Plumbing Piping
22 05 23	General-Duty Valves For Plumbing Piping
22 05 29	Hangers And Supports For Plumbing Piping and Equipment
22 05 53	Identification For Plumbing Piping and Equipment
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23 05 29	Hangers And Supports For HVAC Piping And Equipment
23 05 53	Identification For HVAC Piping And Equipment
23 07 00	HVAC Insulation
23 09 00	Building Automation System
23 09 50	Variable Frequency Motor Controllers
23 09 93	BAS Sequence of Operations
23 11 23	Natural-Gas Piping
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23 64 23	Scroll Water Chillers
23 73 13	Central-Station Air-Handling Units
23 73 33	Outdoor Indirect-Fuel-Fired Heating and Ventilating Units
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23 82 33	Heating Terminal Units
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26 27 01	Electrical Utility Coordination
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26 28 16	Enclosed Switches and Circuit Breakers
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26 36 00	Transfer Switches
26 36 50	Portable Generator Docking Stations
26 43 13	Surge Protection Devices
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26 70 00	Raceway for Low Voltage Systems
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27 11 00	Communications Equipment Room Fittings
27 13 00	Communications Backbone Cabling
27 15 00	Communications Horizontal Cabling
27 17 00	Common Work Results for Outside Fiber Plant Communications
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27 17 02	Outside Plant Fiber Optic Cable
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28 46 19	Electronic Control System
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SECTION 22 13 33

INLINE SEWAGE GRINDERS

PART 1: GENERAL

1.01 SUMMARY

A. This Section includes the following sump pumps and accessories, inside the building, for building sanitary drainage systems:

1. Inline Sewage Grinders.
2. Manholes.

1.02 REFERENCES

A. Equipment shall, as applicable, meet the requirements of the following industry standards.

B. ASTM International (ASTM):

1. ASTM A36 - Carbon Steel Plate.
2. ASTM A536 - Ductile Iron Castings.
3. ASTM A48 - Gray Iron Castings.
4. ASTM A564 Grade 630 condition H1150 (17-4) stainless steel

C. American Iron and Steel Institute (AISI):

1. AISI Type 1020 Steel
2. AISI Type 1045 Steel.
3. AISI Type 4130 - Heat Treated Alloy Steel.
4. AISI Type 4140 Heat Treated Alloy Steel.
5. AISI Type 18-8 Stainless Steel
6. AISI Type 303 Stainless Steel.
7. AISI Type 304 and 304L Stainless Steel.
8. AISI Type 316 and 316L Stainless Steel.

D. Society of Automotive Engineers (SAE):

1. SAE Type 660 Bearing Bronze.

E. National Electrical Manufacturer's Association (NEMA) Standards.

F. National Electrical Code (NEC).

G. Underwriters Laboratory (UL and cUL).

H. International Electrotechnical Commission (IEC).

1.03 SUBMITTALS

A. Product Data: For each type and size of grinder specified. Include certified performance curves with operating points plotted on curves, and rated capacities of selected models, furnished specialties, and accessories.

B. Shop Drawings:

1. Diagram power, signal, and control wiring.
2. General arrangement of installation, configuration, and assembly.

C. Operation and Maintenance Data: For each grinder to include in emergency, operation, and maintenance manuals.

1.04 QUALITY ASSURANCE

A. Product Options: Drawings indicate size, profiles, and dimensional requirements of grinders and are based on the specific system indicated. Refer to Division 01 Section "Substitutions and Product Options."

B. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, Article 100, by a testing agency acceptable to authorities having jurisdiction, and marked for intended use.

C. Qualifications:

1. Manufacturer is documented as being engaged in the sale of similar products for over ten-years.
2. Manufacturer is single supplier for equipment listed in this section.
3. Manufacturer’s Service Center is located domestically for repairs and upgrades.
4. Manufacturer supports Preventative Maintenance Program, providing inspection and service of equipment by Manufacturer’s Factory Technicians.
5. Manufacturer stocks all non-custom spare Parts.

1.05 DELIVERY, STORAGE, AND HANDLING

A. Packaging, Shipping, Handling, and Unloading

1. Packaged in containers or on skids suitable for normal shipping, handling, and storage.
2. Protected from rain, snow, impact, and abrasion while in the possession of the carrier.

B. Acceptance at Site

1. Contractor shall review the contents of the shipment at time of delivery and promptly notify the carrier and supplier of any discrepancies.

C. Storage and Protection

1. Equipment to remain in the packaging provided by the supplier until it is installed.
2. Equipment to be stored in a dry environment between 40 and 100 degrees F.

D. Waste Management and Disposal

1. Contractor shall be responsible for discarding all packaging materials in an environmentally friendly manner and in accordance with local regulations.

E. Retain shipping flange protective covers and protective coatings during storage.

F. Protect bearings and couplings against damage.

G. Comply with manufacturer's written rigging instructions for handling.

1.06 COORDINATION

A. Coordinate size and location of concrete bases and pits. Concrete, reinforcement, and formwork requirements are specified in Division 03.

PART 2: PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the manufacturers specified.

1. JWC Environmental Inc, 2850 S. Red Hill Ave. Suite 125, Santa Ana, CA 92705; Tel: 800-331-2277; www.jwce.com

2.02 INLINE GRINDER

A. General: Grinder reduces solids conveyed in a pipeline to a size that is non-detrimental to downstream equipment. Grinder uses low speed and high torque drive with two counter-rotating shafts stacked with intermeshed individual cutters and spacers supported on both ends of each shaft with mechanical seal and bearing cartridges, flanged cartridge housing allowing bolted connection to piping and removal of cutting assembly as a cartridge without disconnection from the pipeline, Grinder driven by an electric motor and speed reducer.

B. Cutter Assembly

1. Stack Configuration: Single Zone-Helical Stack

a. Cutters stacked helically with a uniform type, thickness, and material throughout assembly.
b. Material: Alloy Steel.

1) Cutters: Through hardened to 45-52 HRC
2) Spacers: Through hardened to 34-52 HRC.

2. Cutters-Helical Stack

a. 7-tooth Cam style, .438-inch thick, 4.710-inch diameter. Designed specifically for waste streams containing heavy volumes of solids.
b. Precision ground individual cutter elements with a thickness tolerance of +.000/ -.001.
c. Keyed to shaft with hexagon opening.

3. Spacers

a. Smooth O.D. .446-inch thick.
b. Precision ground individual spacer elements with a thickness tolerance of +.001/ -.000.
c. Keyed to shaft with hexagon opening.

C. Mechanical Seal and Bearing Cartridges-Standard

1. Seals and bearing incorporated into a cartridge style design requiring no external seal flush or lubricants to operate wet or dry.
2. Rated for maximum operating pressure: 90 psi.
3. Dynamic and Static seal faces to be Tungsten carbide with 6% nickel binder.
4. Cartridge bushing and housing are AISI 304 stainless steel.
5. O-rings to be Buna-N (Nitrile).

D. Shafts

1. 2-inch hexagon heat treated AISI 4140 alloy steel.
2. Minimum tensile strength of 170,000 psi.
3. Supported on either end by Mechanical Seal and Bearing Cartridges.
4. Cantilevered designs are not acceptable.

E. Flanged Cartridge Housing, End Housing, Top Cover, Bottom Stand Cover, and Gaskets

1. Flanged Cartridge Housing:

    a. Inlet and outlet flanges with ANSI 125 lb flat face bolting pattern.
    b. Inlet and Outlet inspection ports with bolted covers.
    c. Inlet and Outlet drains with ½" NPT plugs.
    d. Integral vertical side wall deflectors to direct solids into cutters.
    e. Directional flow arrows on side of housing indicate correct installation orientation in waste pipeline.
    f. Cast ASTM A536 65-45-12 ductile iron.

2. End Housings:

    a. Located at top and bottom of cutter stack with integral bushing deflectors to guide solids away from seal cartridges.
    b. Cast ASTM A536 65-45-12 ductile iron.

3. Top Cover:

    a. Directional flow arrows on top cover indicates correct installation orientation in flanged cartridge housing and waste pipeline.
    b. Manufacturing identification plate mounting.
    c. Cast ASTM A536-84 65-45-12 ductile iron.

4. Bottom Stand Cover:

    a. Supports the grinder and allows mounting to floor or surface with four (4) ½-inch slots.
    b. Cast ASTM A536 65-45-12 ductile iron.

5. Gaskets:

    a. Cork and neoprene rubber.

F. Transfer Gears

1. Heat treated and hardened AISI 4140 alloy steel.

2. Number of teeth on gears creates ratio of cutter tip speed on low speed shaft to cutter tip speed of highspeed shaft greater than 0.90 and less than 1.00 to promote cleanout of processed material in cutting stack.

G. Couplings

1. Low Speed Coupling

    a. Two-piece 3-jaw interlocking design.
    b. Hardened AISI 4140 alloy steel

2. High Speed Coupling

    a. Type L 3-jaw with elastomer
    b. Buna-N spider.

H. Lifting Eyes

1. Drop forged Steel
2. Rated for 1300 lb
3. Designed for lift of grinder or cutter cartridge only.

I. Speed Reducer

1. Grease lubricated cycloidal design Cyclo Series 6000 with 29:1 reduction ratio.
2. Manufacturer: Sumitomo Machinery Corporation of America.

J. Motor

1. TEFC Motor: Baldor Electric Company.

   a. Installed Horsepower: 5 HP.
   b. Motor Service Factor: 1.15.
   c. Minimum Motor Efficiency (at Full Load): 89.5 percent.
   d. Minimum Motor Power Factor (at Full Load): 78.

2. Performance:

   a. Grinder Peak Torque with Reducer: 1,514 lb-ft.
   b. Grinder Peak Force at Cutter Tip: 7,724 lbf

K. Extended Shaft and Spool Assembly

1. Length: 72”

2. Extended Shaft

   a. 1-1/2-inch TGP round
   b. AISI 1045 steel

3. Spool Assembly

   a. Spool tube with mounting flanges on either end to mount with Reducer and Top Cover.
   b. ASTM A216 steel and AISI 1020.

L. Identification:

1. Corrosion resistant nameplate affixed to top cover of Grinder.

2. Nameplate Information: Manufacturer’s name and address, Model No., Serial No., Capacity, Max. psi, Weight, Manuf. Date.

M. Finishes:

1. Paint Coatings for Ferrous Materials: Prepared to SSPC-SP6 (Commercial Blast Cleaning) and coated with minimum 6 to 8 mils TDFT (total dry film thickness) of an aliphatic acrylic polyurethane paint in the color Hunter Green.

2. Paint Coatings for Previously Coated Components (Motors, Speed Reducers, etc.): Prepared to SSPC-SP1 (Solvent Cleaning) and SSPC-SP2 (Hand Tool Cleaning) and coated with minimum 6-8 mils TDFT (total dry film thickness) of an aliphatic acrylic polyurethane paint in the color Hunter Green.

2.03 MOTOR CONTROLLER

A. NEMA enclosure with programmable logic controller (PLC), operation and fail indicators, and selector switch to operate grinder

B. Basis of Design:

1. Model# PC2200 as manufactured and supplied by JWC Environmental Inc.

    a. Motor Controller Power Supply: 208 V/ 3 PH/ 60 Hz.

C. Enclosure, Selector Switches, Pushbuttons and Pilot Lights

1. Enclosure NEMA 4X

    a. Fiberglass reinforced plastic with hinged door and mounting flanges.
    b. Selector Switches: 22 mm, three-position, rated equal or better than the enclosure and indicate On-Off/Reset-Remote.
    c. Pilot Lights: 22 mm, LED (pilot lamp), rated equal or better than the enclosure and indicate POWER ON, grinder RUN, grinder JAMMED and MOTOR FAULT.

D. Programmable Logic Controller

1. Basis of Design: Panasonic FP-X series.

    a. 16K program capacity.
    b. (8) 24 Vdc inputs, (6) relay outputs.

E. Motor Starters, Overload Relays and Control Power Transformer:

1. Starters

    a. IEC, full voltage, and reversing.
    b. Maximum short circuit protective fault current 100 kA.

2. Overload Relays

    a. Adjustable and sized to full load amperes (FLA) of the motor.

3. Control Power Transformer

    a. Produce 120-volt AC power from the supply power. Sized and fused in accordance with code to accommodate the control power requirements.

F. Current Transducers

1. Discrete output type with an adjustable set point from 1-135A with 200ms or faster response time.

G. Operation:

1. Grinder Control: In accordance with ON-OFF/RESET-REMOTE Selector Switch.

    a. OFF/RESET Position (OFF): De-energizes Grinder.
    b. OFF/RESET Position (RESET): Clears all fault conditions.
    c. ON Position: Energizes Grinder
    d. REMOTE Position: Grinder operates as controlled by a remote start/stop dry contact.

2. Grinder JAM Condition: In accordance with setting of current transducer.

   a. Controller will stop and reverse the Grinder motor three (3) times and activate the Grinder FAIL indicator and relay.
   b. Grinder will stop operation.

3. Grinder MOTOR OVERLOAD Condition: In accordance with setting of Motor Overload Relay.

   a. The MOTOR FAULT indicator lamp will be illuminated, and the FAIL contact will be closed.
   b. Grinder will stop operation.

4. Grinder MOTOR OVERTEMP Condition: In accordance with setting of Motor Thermostat. (Only with applicable motors).

   a. The MOTOR FAULT indicator lamp will be illuminated, and the FAIL contact will be closed.
   b. Grinder will stop operation.

5. Power Failure:

   a. While System is Operating: System shall not return to normal operation until power is restored and START pushbutton is pressed.
   b. While System is in a Fail Condition: System shall return to a fail state when power is restored. The fail state shall not be cleared until reset.

6. Reset of Grinder: Accomplished from the controller only.

2.04 MANHOLE

A. Description: Factory fabricated manhole with pipe connections, and separate cover.

B. Fabricate watertight, with sidewall openings for pipe connections.

   1. Material: Fiberglass, reinforced polyester (FRP), ½" thick. 4 feet diameter.

   2. Reinforcement: Mounting plates for motor, fittings, and accessories.

   3. Anchor Flange: Same material as or compatible with grinder, cast in or attached to manhole, in location and of size required to anchor basin in concrete slab.

   4. Provide with access ladder and guide frame.

C. Cover: Fabricate with openings having gaskets, seals, and bushings, for access to pumps, grinder, control wiring, discharge piping, and power cables.

   1. Material: Steel or cast iron, capable of supporting foot traffic for basins installed in foot-traffic areas.

2.05 BUILDING AUTOMATION SYSTEM INTERFACE

A. Provide auxiliary contacts in controllers for interface to building automation system. Include the following:

   1. On-off status of each grinder.
   2. Alarm status.

PART 3: EXECUTION

3.01 EXAMINATION

A. Examine roughing-in of plumbing piping to verify actual locations of sanitary drainage piping connections before sump pump installation.

3.02 INSTALLATION

A. Excavating, trenching, and backfilling shall be performed as described in Division 31 Section "Trenching, Backfilling and Compacting."

B. Coordinate installation of the equipment in accordance with the manufacturer’s installation instructions, approved submittals, and in accordance with OSHA, local, state, and federal codes and regulations.

C. Install pumps and arrange to provide access for maintenance including removal of motors, grinder, couplings, and accessories.

D. Suspend motor from basin covers. Make direct connections to sanitary drainage piping.

E. Install basins and connect to drainage piping. Brace interior of basins according to manufacturer's written instructions to prevent distortion or collapse during concrete placement. Set basin cover and fasten to basin top flange. Install cover so top surface is flush with finished floor.

3.03 CONNECTIONS

A. Piping installation requirements are specified in Division 22 Section "Sanitary Waste and Vent Piping." Drawings indicate general arrangement of piping, fittings, and specialties.

B. Install piping adjacent to grinders to allow service and maintenance.

C. Connect sanitary drainage piping to grinder. Install discharge piping equal to or greater than size of grinder piping. Refer to Division 22 Section "Sanitary Waste and Vent Piping."

D. Connect wiring according to Division 26 Section "Low-Voltage Electrical Power Conductors and Cables."

3.04 STARTUP SERVICE

A. Engage a factory-authorized service representative to perform startup service, minimum of 8 hours.

1. Complete installation and startup checks according to manufacturer's written instructions.

2. Verify bearing lubrication.

3. Disconnect couplings and check motors for proper direction of rotation.

4. Verify that each grinder is free to rotate by hand. If grinder is bound or drags, do not operate until cause of trouble is determined and corrected.

5. Verify that controls are correct for required application.

B. Start grinders without exceeding safe motor power:

1. Start motors.
2. Open discharge valves slowly.
3. Check general mechanical operation of grinders and motors.

C. Test and adjust controls and safeties.

D. Remove and replace damaged and malfunctioning components.

1. Controls: Set controls for automatic start, stop, and alarm operation as required for system application.

2. Set field-adjustable switches and circuit-breaker trip ranges as indicated, or if not indicated, for normal operation.

E. Occupancy Adjustments: When requested within 12 months of date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied conditions. Provide up to two visits to Project outside normal occupancy hours for this purpose.

3.05 DEMONSTRATION

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain controls and grinders. Refer to Division 01 Section "Demonstration and Training."

END OF SECTION 22 13 33

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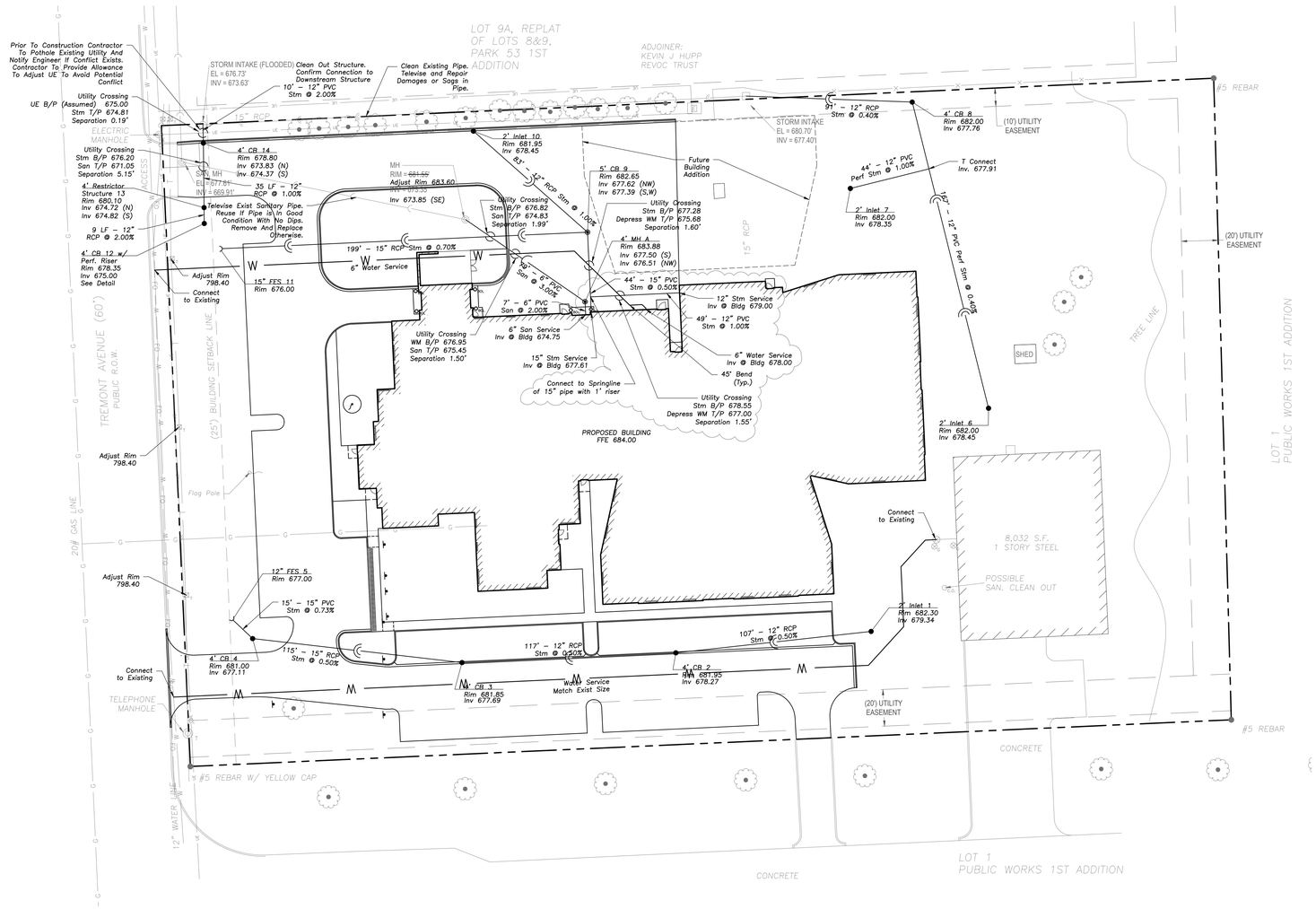


IOWA ONE CALL
800/292-8989
Call 2 Working Days BEFORE YOU DIG.

30 0 30 60 90

Scale: 1"=30'

LEGEND

EXISTING		PROPOSED
	Manhole	
	Catch Basin	
	Inlet	
	Area Drain	
	Clean Out	
	Flared End Section	
	Storm Sewer	
	Sanitary Sewer	
	Combined Sewer	
W	Water Main	W
G	Gas Line	G
OH	Overhead Wires	OH
E	Electrical Cable (Buried)	E
T	Telephone Line	T
	Fire Hydrant	
	Valve Vault	
	Buffalo Box	
DS	Downspout	DS
BOL	Bollard	BOL
	Gas Valve	
	Gas Meter	
	Electric Meter	
	ComEd Manhole	
	Hand Hole	
	Light Pole	
	Light Pole w/ Mast Arm	
	Utility Pole	
	Telephone Pedestal	
	Telephone Manhole	
	Sign	
	Fence	
	Accessible Parking Stall	
	Curb & Gutter	
	Depressed Curb	
× C 782.50	Curb Elevation	C 782.50
× G 782.00	Gutter Elevation	G 782.00
× P 783.25	Pavement Elevation	P 783.25
× W 782.10	Sidewalk Elevation	W 782.10
× 784.0	Ground Elevation	× 784.0
× T/W 785.20	Top of Retaining Wall Elevation	T/W 785.20
	Swale	
781	Contour Line	781
	Deciduous Tree	
	Coniferous Tree	
	Brushline	
	Tree Protection Fencing at Drip Line	

GENERAL NOTES

1. The Location of Existing Underground Utilities, Such As Watermains, Sewers, Gas Lines, Etc., As Shown On The Plans, Has Been Determined From The Best Available Information and Is Given For The Convenience of The Contractor. However, The Owner and The Engineer Do Not Assume Responsibility In The Event That During Construction, Utilities Other Than Those Shown May Be Encountered, and That The Actual Location of Those Which Are Shown May Be Different From The Location As Shown On The Drawings. Contact Engineer Immediately If Surface and/or Subsurface Features Are Different Than Shown On The Drawings.
2. Notify The Engineer Without Delay of Any Discrepancies Between the Drawings and Existing Field Conditions.
3. Notify The Owner, Engineer and The City of Davenport A Minimum of 48 Hours In Advance of Performing Any Work.
4. All Areas, On or Off Site, Disturbed During Construction Operations and Not Part of the Work As Shown Hereon Shall Be Restored To Original Condition to the Satisfaction of the Owner at No Additional Cost to the Owner. It is Incumbent Upon Contractor to Show That Damaged Areas Were Not Disturbed By Construction Operations.
5. These Drawings Assume That The Contractor Will Utilize An Electronic Drawing File (DWG) and Stake All Site Improvements Accordingly.
6. No Person May Utilize The Information Contained Within These Drawings Without Written Approval From Eriksson Engineering Associates, Ltd.
7. The Engineer Is Furnishing These Drawings For Construction Purposes As A Convenience To The Owner, Architect, Surveyor, or Contractor. Prior To The Use Of These Drawings For Construction Purposes, The User Of This Media Shall Verify All Dimensions And Locations Of Buildings With The Foundation Drawings And Architectural Site Plan, and Coordinate All Dimensions and Locations of All Site Items. If Conflicts Exist The User Of This Information Shall Contact The Engineer Immediately.
8. Provide An As-built Survey Prepared By A Licensed Professional Land Surveyor In Accordance With The Authorities Having Jurisdiction Which Shall Include As a Minimum All Detention Basins and Best Management Practices, Include All Storm and Sanitary Sewers, Structure Locations, Sizes, Rim and Invert Elevations, Final Detention Volume Calculations For The Basin(s), Watermain and Valve and Appurtenance Locations.
9. The City of Davenport Iowa Supplemental Specifications and the SUDAS Standard Specifications Latest Edition, And All Addenda Thereto, Shall Govern The Earthwork, Paving Utility, and Erosion Control Work Under This Contract Unless Noted Otherwise.

UTILITY NOTES

1. Utility Service Lines as Shown Hereon are Approximate. Coordinate The Exact Locations With The Plumbing Drawings. Coordinate The Locations With The Plumbing Contractor and/or the Owner's Construction Representative Prior to Installation of Any New Utilities.
2. Refer to Plumbing Drawings for Continuation of All Utilities Within 5 Feet of Building Face.
3. Field Verify Invert & Locations of Existing Utility Mains Prior to Installing Any On-Site Utilities or Structures. All Elevations and Inverts Referencing Said Utility Shall Be Field Verified Prior To Installation Of Any New Structures Or Utilities, and Adjustments Shall Be Made as Necessary. Contact Engineer Prior to Installation if Discrepancy Exists With These Drawings.
4. Contractor to Pothole Existing Utility Lines At Proposed Utility Crossings Prior To Installing Any On-Site Utilities or Structures. Contact Engineer Prior To Installation If Discrepancy Exists With These Drawings
5. Coordinate the Relocation Of Any Utilities Encountered And Replacement Of Any Utilities Damaged Within Influence Zone Of New Construction. Contact Engineer If The Existing Utilities Vary Appreciably From The Plans.
6. All Water Main and Services Shall Be Installed at a Minimum Depth of 5.5' From Top of Finished Ground Elevation to Top of Main.
7. Protection of water supplies shall be as described in Accordance with SUDAS, latest edition.

UTILITY NOTES (CONT.)

8. Clean Out All Existing and Proposed Storm Inlets and Catch Basins at the Completion of Construction.
9. Provide Adequate Coupling Device and/or Oversized Concrete Flared-End Section to Accommodate HDPE Storm Sewer.
10. The "SUDAS", Current Edition Shall Govern Work Where Applicable.
11. Rebuild Existing Structures and Adjust Rim Elevations to Match Proposed Ground Elevations.

EEA – X:\Ben\Wold – Scott Co YJRC\Drawings\Site Plan.dwg
Plotted: 8/18/22 @ 9:07am By: benfing

NEW YOUTH JUSTICE & REHABILITATION CENTER

4715 TREMONT AVENUE
DAVENPORT, IOWA 52807

SCOTT COUNTY
600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

WOLD ARCHITECTS AND ENGINEERS
220 North Smith Street, Suite 310
Palatine, Illinois 60067

woldac.com | 847 241 6100

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ENGINEER** under the laws of the State of **IOWA**

Engineer Name
License Number: **20849** Date **08/05/22**

Revisions		
Description	Date	Num
Addendum 1	08/18/22	1

Comm: 213131
Date: 08/05/22
Drawn: BJA
Check: GAE

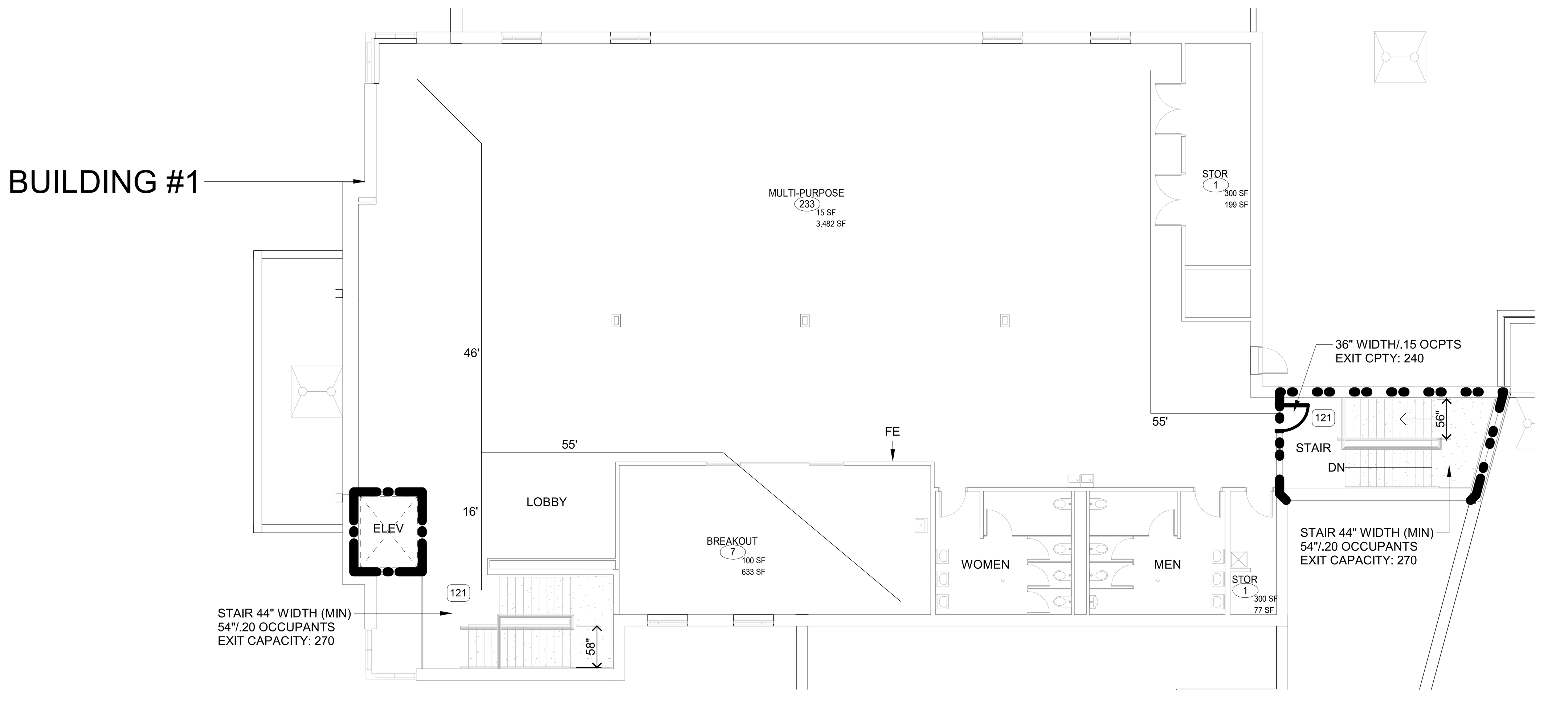
North

ERIKSSON ENGINEERING ASSOCIATES, LTD.
145 COMMERCE DRIVE, SUITE A
GRAYSLAKE, ILLINOIS 60030
PHONE (847) 223-4804
FAX (847) 223-4864
EMAIL INFO@EEA-LTD.COM
PROFESSIONAL DESIGN FIRM
LICENSE NO. 184-003220
EXPIRES: 04/30/2023

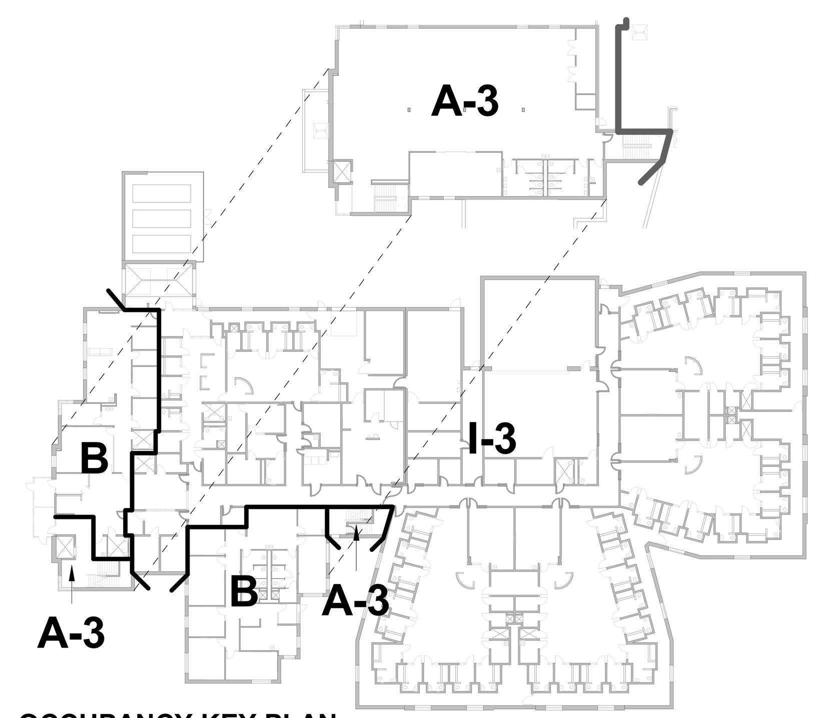
SITE UTILITY PLAN

Scale: 1" = 30'

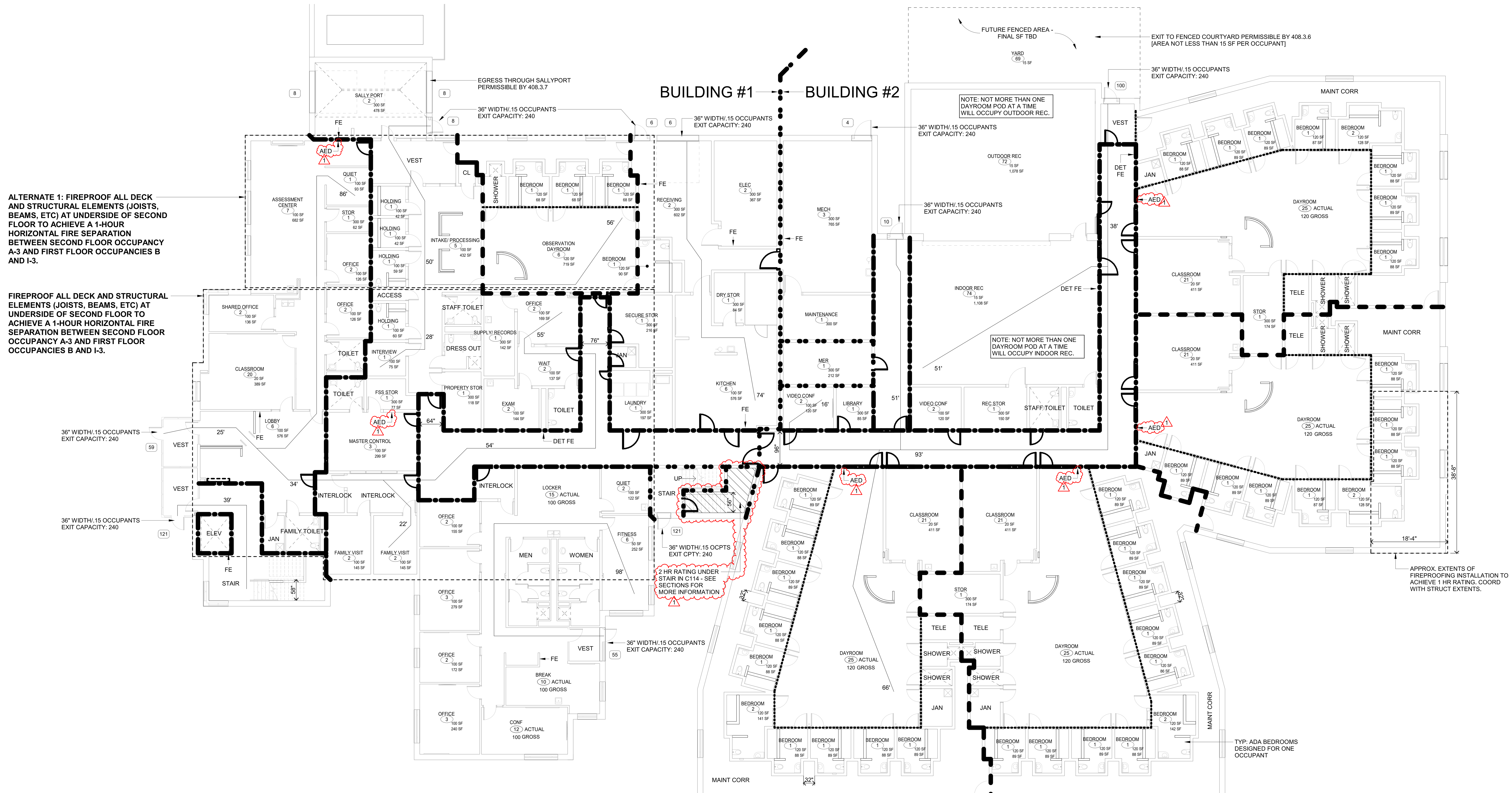
C4.00



B2 UPPER LEVEL CODE PLAN
3/32" = 1'-0"



OCCUPANCY KEY PLAN
NOT TO SCALE



F2 MAIN LEVEL CODE PLAN
3/32" = 1'-0"

CODE LEGEND: IBC 2015

MAIN PATH OF EGRESS
EXIT LOAD
OCCUPANT LOAD
OCCUPANT FACTOR

NOTE: SEE DIV 7 FOR IDENTIFICATION MARKINGS FOR FIRE & SMOKE ASSEMBLY WALLS

NEW 1 HOUR FIRE BARRIER
(SHAFT ENCLOSURES: 707.3.1, INCIDENTAL USE AREAS: 509, OCCUPANCY SEPARATIONS: 508.4, INTERIOR EXIT STAIRWAY 1023.2/ EXIT ACCESS STAIRWAY: 1009.3.1)

DOOR OPENINGS:	60 MIN. (SHAFT ENCLOSURES) 45 MIN. (INCIDENTAL USE AREAS, OCCUPANCY SEPARATIONS)
GLAZING:	60 MIN. OPENINGS: 100 SQ IN MAX, 33" MAX HT, 10" MAX WIDTH 45 MIN. OPENINGS: 1296 SQ IN MAX, 54" MAX HT, 54" MAX WIDTH
DUCTWORK:	90 MIN. FIRE DAMPER (NOT REQUIRED WITH DUCTED HVAC) 90 MIN FIRE/ SMOKE DAMPER (AT SHAFT ENCLOSURES)

NEW 2 HOUR FIRE WALL
(AREA SEPARATIONS: 706.1, HORIZONTAL EXITS: 1026.1)

DOOR OPENINGS:	90 MIN.; < 25% LENGTH OF WALL
GLAZING:	90 MIN. 100 SQ. IN. MAX
DUCTWORK:	90 MIN. FIRE DAMPER 90 MIN. FIRE/SMOKE DAMPER (AT HORIZONTAL EXITS)

CONSTRUCTION CAPABLE OF RESISTING THE PASSAGE OF SMOKE (509.4.2)

GAPS < 1 1/2":	MINERAL WOOL OR FIRE SAFING
GAPS > 1 1/2":	SMOKE SEALANT
DOOR CLOSERS REQ'D (EXCEPT AT BEDROOM/ CELL DOORS):	(SMOKE GASKETING NOT REQUIRED)
TRANSFER DUCTS:	SMOKE DAMPER
STANDARD DUCTS:	SMOKE / FIRE DAMPER NOT REQUIRED

1 HOUR SMOKE BARRIER (OCCUPANCY I-3, 408.6 / 709.3)

OPENINGS:	DOORS 20 MIN., WINDOWS 45 MIN.
GLAZING:	1296 SQ IN, 54" MAX WIDTH/ HEIGHT OR MAX SIZE TESTED
DUCTWORK:	SMOKE DAMPER

NEW YOUTH JUSTICE & REHABILITATION CENTER

4715 TREMONT AVENUE
DAVENPORT, IOWA 52807

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600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

WOLD ARCHITECTS AND ENGINEERS
220 North Smith Street, Suite 310
Palatine, Illinois 60067
woldae.com | 847 241 6100

REGISTERED PROFESSIONAL ARCHITECT
ROGER J. SCHROEPFER
06278
IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ARCHITECT** under the laws of the State of **IOWA**

ROGER SCHROEPFER
License Number: **06278** Date **08/05/22**

Revisions		
Description	Date	Num
Addendum 1	**08/18/22**	**1**

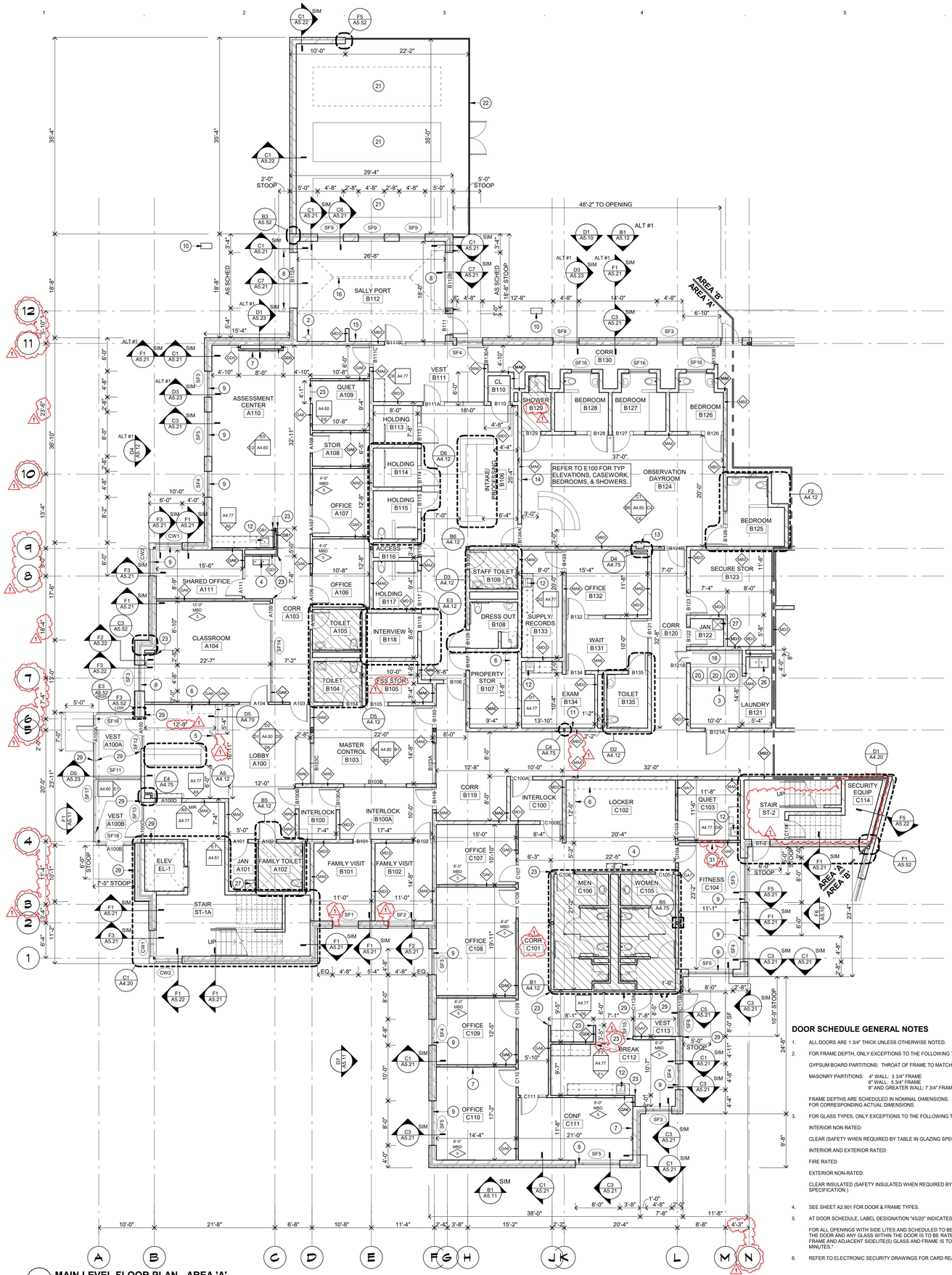
Comm: **213131**
Date: **08/05/22**
Drawn: **MG**
Check: **KE**

North

CODE PLAN

Scale: As indicated

A0.02



F1 MAIN LEVEL FLOOR PLAN - AREA 'A'
1/8" = 1'-0"

PLAN GENERAL NOTES

1. ALL PLAN DIMENSIONS ARE NOMINAL TO FACE OF WALL. WALL THICKNESSES ARE SHOWN NOMINAL, SEE WALL TYPES FOR ACTUAL THICKNESS.
2. ALL GYP. WALLS ARE TO BE 5 INCHES THICK UNLESS OTHERWISE NOTED.
3. ALL CONCRETE BLOCK WALLS ARE TO BE 8 INCHES THICK UNLESS OTHERWISE NOTED.
4. COORDINATE SIZE AND LOCATION OF ALL DUCT AND SHAFT OPENINGS IN WALLS AND FLOORS W/ MECH. AND ELEC. PROVIDE ALL REQUIRED LINTELS FOR OPENINGS. SEE LINTEL SCHEDULE AND STRUCT.
5. FIELD VERIFY ALL MILLWORK OPENINGS.
6. SET FLOOR DRAINS 3/4" BELOW FINISHED CONCRETE FLOORS UNLESS OTHERWISE NOTED. PROVIDE CONSISTENT SLOPE FROM WALL TO DRAIN BY SLOPING CONCRETE, MIN. 1/4" PER FOOT.
7. VERIFY LOCATION, SIZE AND QUANTITY OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT PADS. SEE MECH/ELEC.
8. ALL DOOR/ SIDELITE OPENINGS TO BEGIN 4" FROM ADJACENT WALL AT GYP BD CONSTRUCTION UNLESS OTHERWISE NOTED.
9. FIRE RATED WALLS AND SMOKE COMPARTMENT SEPARATION ARE INDICATED ON CODE PLANS.
10. REFER TO WALL SECTIONS/ DETAILS FOR LOCATIONS OF SOLID SURFACE WINDOW SILLS.
11. SEE DAYROOM E100 FOR TYPICAL BEDROOM, SHOWER, AND CASEWORK INFORMATION.
12. ALL EXPOSED CMU OUTSIDE CORNERS TO BE BULLNOSE UNLESS NOTED OTHERWISE.
13. COORDINATE FLOOR DRAIN "FD" LOCATIONS WITH MECH.

FLOOR PLAN KEY NOTES:

1. WALK-IN REFRIGERATOR - SEE FOOD SERVICE AND C7/A4.75
2. EMERGENCY EYE WASH - SEE MECH.
3. HOUSEKEEPING PAD - SEE MECH/ELEC AND REFER TO F5/A4.75 AND F5a/A4.75.
4. EWC WITH BOTTLE FILLER - SEE MECH.
5. METAL DETECTOR - SEE ELEC.
6. STORAGE LOCKERS SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR. PROVIDE BLOCKING AS REQUIRED.
7. WALL MOUNTED TV - SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. PROVIDE BLOCKING AT GYP BD WALLS.
8. BOLLARD - SEE CIVIL.
9. ROLLER SHADES
10. CARD READER PEDESTAL - COORDINATE FINAL LOCATION IN FIELD. SEE ELECTRONIC SECURITY PLANS. PROVIDE CONCRETE FOUNDATION PER MFR REQUIREMENTS.
11. WALL MOUNTED MEDICAL EQUIPMENT SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. VERIFY FINAL LOCATION IN FIELD WITH OWNER OR ARCHITECT.
12. SINK - SEE MECH.
13. WALL RECESSED EWC - SEE MECH.
14. WALL MOUNTED TELEPHONE HANDSET - SEE ELEC. COORDINATE FINAL LOCATION WITH ARCHITECT.
15. WALL MOUNTED WEAPON LOCKER SQUADRON PISTOL LOCKER MODEL #ALM24-230828 OR PRIOR APPROVED EQUAL - HIGH SECURITY KEY LOCKS, TWO-TONE CHARCOAL, NUMBER SEQUENTIALLY STARTING AT "1"
16. TRENCH DRAIN 1/4" = 1'-0" SLOPE TO DRAIN. SEE MECH AND E7/A4.75
17. FLOOR STRIPING - SEE FLOOR FINISH PLAN A4.00
18. WALL MOUNTED TE540 LIGATURE RESISTANT PROTECTIVE TV ENCLOSURE BY BEHAVIORAL SAFETY PRODUCTS - INDUSTRIAL STRENGTH, BLACK ANODIZED ALUMINUM EXTRUSION, AND ABS WITH 1/4" THICK POLYCARBONATE FACE. ENCLOSURE TO INCLUDE COOLING FAN OPTION AND ACCESS PANEL FOR TV PORT ACCESS. ENCLOSURE SHALL BE SIZED TO FIT MONITOR SIZES NOTED ON ELECTRICAL DRAWINGS. SEE INTERIOR ELEVATIONS. INSTALL OWNER SUPPLIED TV MONITOR INSIDE THE ENCLOSURE.
19. WALL MOUNTED TECHNOLOGY CHARGING STATION SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE FINAL LOCATION WITH OWNER OR ARCHITECT.
20. OWNER SUPPLIED AND CONTRACTOR INSTALLED STACKED LAUNDRY UNIT - SEE MECH/ ELEC.
21. GENERATOR - SEE ELEC.
22. BLACK POWDER COATED CHAIN LINK FENCE WITH LOCKABLE DOUBLE SWING GATE - SEE CIVIL.
23. CORNER GUARD (CG-1). PROVIDE AT BOTH CORNERS OF END WALL CONDITION AS OCCURS.
24. WALL MOUNTED BASKETBALL ASSEMBLY.
25. FLOOR MOUNTED BASKETBALL ASSEMBLY. PROVIDE CONCRETE FOUNDATION MIN 3' DIA. X 5' DEEP. INSTALL PER MFR WRITTEN RECOMMENDATIONS.
26. UTILITY SINK - SEE MECH.
27. MOP SINK - SEE MECH.
28. WALL PADS AS SPECIFIED (12' LONG) - PROVIDE PAD ON ADJACENT DOOR.
29. DOOR ACTUATOR.
30. SEWAGE GRINDER PIT - SEE MECH AND STRUCT.
31. PROVIDE BLOCKING IN WALL FOR FUTURE TV INSTALLATION BY OWNER.

DOOR SCHEDULE REMARKS

1. PROVIDE ONE-WAY GLAZING THIS DOOR WITH VISIBILITY ON CORRIDOR SIDE.
2. PROVIDE INTEGRATED BLINDS AT DOOR LITE WITH CONTROLS LOCATED OUTSIDE BEDROOM.
3. PROVIDE HORIZONTAL ALUMINUM BLINDS AT DOOR LITE ON OFFICE SIDE - AS SPECIFIED.
4. THIS DOOR ON MAG HOLD OPEN - SEE HARDWARE GROUP AND ELEC.
5. PROVIDE VINYL DECAL FIRE DOOR NUMBER AT BOTH SIDES OF EXTERIOR OF DOOR - FINAL NUMBERING TO BE DETERMINED BY OWNER.
6. PROVIDE VINYL DECAL ROOM NUMBER AT BOTH SIDES OF FRAME HEAD.
7. PROVIDE VINYL DECAL ROOM NUMBER OUTSIDE ROOM AT FRAME HEAD.
8. PT-5B DOOR FRAME
9. PT-5C DOOR FRAME
10. PT-5D DOOR FRAME
11. PT-5E DOOR FRAME
12. PT-5F DOOR FRAME
13. PT-5G DOOR FRAME
14. PT-5H DOOR FRAME
15. PT-5J DOOR FRAME
16. PT-5K DOOR FRAME
17. PT-5L DOOR FRAME
18. PT-6F DOOR FRAME
19. PT-6G DOOR FRAME
20. DOOR TO WITHSTAND PASSAGE OF SMOKE.
21. DOOR TO BE FULLY SEALED
22. DETENTION GLAZING

DOOR SCHEDULE GENERAL NOTES

1. ALL DOORS ARE 1 3/4" THICK UNLESS OTHERWISE NOTED.
2. FOR FRAME DEPTH, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED:

   GYPSUM BOARD PARTITIONS: THROAT OF FRAME TO MATCH WALL THICKNESS.

   MASONRY PARTITIONS: 4" WALL: 3 3/4" FRAME
   6" WALL: 5 3/4" FRAME
   8" AND GREATER WALL: 7 3/4" FRAME

   FRAME DEPTHS ARE SCHEDULED IN NOMINAL DIMENSIONS. SEE FRAME/ DOOR TYPES FOR CORRESPONDING ACTUAL DIMENSIONS.
3. FOR GLASS TYPES, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED:

   INTERIOR NON RATED:

   CLEAR (SAFETY WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.)

   INTERIOR AND EXTERIOR RATED:

   FIRE RATED

   EXTERIOR NON-RATED:

   CLEAR INSULATED (SAFETY INSULATED WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.)
4. SEE SHEET A2.901 FOR DOOR & FRAME TYPES.
5. AT DOOR SCHEDULE, LABEL DESIGNATION "45/20" INDICATES:

   FOR ALL OPENINGS WITH SIDE LITES AND SCHEDULED TO BE RATED FOR 20 MINUTES, THE DOOR AND ANY GLASS WITHIN THE DOOR IS TO BE RATED FOR 20 MINUTES; THE FRAME AND ADJACENT SIDELITE(S) GLASS AND FRAME IS TO BE RATED FOR 45 MINUTES."
6. REFER TO ELECTRONIC SECURITY DRAWINGS FOR CARD READER LOCATIONS.

DOOR / OPENING SCHEDULE

DOOR NO	DOOR / OPENING TYPE	QTY	DOOR / OPENING WIDTH	HEIGHT	MATL	LABEL/ RATING	OVERALL WIDTH	FRAME TYPE	DEPTH	MATL	GL	MOUNTING CONDITIONS HEAD	JAMB	SILL	HDW GRP	REMARKS
A100	AL2	1	3'-0"	7'-0"	AL	--		SF	--	--	--	--	--	--	3.0	5
A100A	AL2	1	3'-0"	7'-0"	AL	--		SF	--	--	--	--	--	F5/A5.60	2.0	5
A100B	AL2	1	3'-0"	7'-0"	AL	--		SF	--	--	--	--	--	F5/A5.60	1.0	5
A100C	AL2	1	3'-0"	7'-0"	AL	--		SF	--	--	--	--	--	--	3.0	5
A100D	MCDF	1	4'-8"	6'-0"	ST.	60		MCDF	--		--	B6/A4.80	C6/A4.80	E2/A4.78	25.0	6
A101	F	1	3'-0"	7'-0"	WD	--	3'-6"	FR 1B	--	HM	--	D2/A4.80	A4/A4.80	--	15.0	
A102	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	D2/A4.80	A4/A4.80	--	20.0	
A103	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	8.0	
A104	F	1	3'-0"	7'-0"	WD	--	5'-4"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	12.0	3
A105	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	21.0	
A106	F	1	3'-0"	7'-0"	WD	--	5'-4"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
A107	F	1	3'-0"	7'-0"	WD	--	5'-4"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
A108	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	16.0	
A109	F	1	3'-0"	7'-0"	WD	--		SF	--	--	--	--	--	--	5.0	
A111	F	1	3'-0"	7'-0"	WD	--	5'-4"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
B100A	F	1	3'-0"	7'-0"	DHM	--	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D3.0	6
B100B	F	1	3'-0"	7'-0"	DHM	60	3'-10"	FR 1C	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6
B101	N	1	3'-0"	7'-0"	DHM-WD	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	9.0	6, 22
B102	N	1	3'-0"	7'-0"	DHM-WD	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	9.0	6, 22
B103	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D5.0	6
B103A	--	0	7'-4"	4'-0"	--	--		FR 4B	--	DHM	--	D2/A4.80	A4/A4.80	A4/A.4.80		22
B103B	--	0	11'-4"	4'-0"	--	--		FR 4C	--	DHM	--	D2/A4.80	A4/A4.80	A4/A.4.80		22
B103C	--	0	7'-4"	4'-0"	--	60		FR 4B	--	DHM	--	D2/A4.80	A4/A4.80	A4/A.4.80		22
B104	F	1	3'-0"	7'-0"	DHM	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	21.0	6
B105	F	1	3'-0"	7'-0"	DHM	--	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D7.0	6
B106	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6
B107	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D8.0	6
B108	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	6
B109	F	1	3'-0"	7'-0"	DHM	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	22.0	6
B110	F	1	3'-0"	7'-0"	DHM	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	16.0	6
B111	F	1	3'-0"	7'-0"	DHM	--	3'-10"	FR 1C	--	DHM	--	C7/A5.60	D7/A5.60	F5/A5.60	D1.0	5
B111A	F	1	3'-0"	7'-0"	DHM	--	11'-0"	FR 2D	--	DHM	--	A4/A4.80	A4/A4.80	--	D3.0	6, 22
B111B	F	1	3'-0"	7'-0"	DHM	--	11'-0"	FR 2D	--	DHM	--	D2/A4.80	A4/A4.80	--	D2.0	6, 22
B111C	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6
B112A	OH	1	10'-0"	10'-0"	ST.	--	10'-0"	OH	--	ST.	--	D5/A5.60	E7/A5.60	E5/A5.60	25.0	5
B112B	OH	1	10'-0"	10'-0"	ST.	--	10'-0"	OH	--	ST.	--	D5/A5.60	E7/A5.60	E5/A5.60	25.0	5
B113	F	1	3'-0"	7'-0"	DHM	--	7'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	7, 22
B114	F	1	3'-0"	7'-0"	DHM	--	7'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	7, 22
B115	S	1	3'-0"	7'-0"	DHM	--	7'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D12.0	7, 22
B116	F	1	2'-4"	7'-0"	DHM	--	2'-8"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D14.0	6
B117	F	1	3'-0"	7'-0"	DHM	--	7'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	7, 22
B118	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	6
B119	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6
B121A	F	1	4'-0"	7'-0"	DHM	60	4'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6
B121B	F	1	2'-0"	7'-0"	DHM	60	2'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D13.0	6
B122	F	1	3'-0"	7'-0"	DHM	60	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	D13.0	6
B123	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6
B124A	F	1	3'-0"	7'-0"	DHM	--	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6, 20
B124B	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6, 20
B125	S	1	3'-0"	7'-0"	DHM-WD	--	6'-4"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D12.0	2, 7, 17, 22
B126	S	1	3'-0"	7'-0"	DHM-WD	--	6'-4"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D12.0	2, 7, 16, 22
B127	S	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D12.0	2, 7, 15, 22
B128	S	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D12.0	2, 7, 14, 22
B129	F	1	3'-0"	7'-0"	SS	--	3'-6"	FR 1B	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
B130A	F	1	3'-0"	7'-0"	DHM	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6, 20
B130B	F	1	3'-0"	7'-0"	DHM	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6, 20
B131	F	1	3'-0"	7'-0"	DHM-WD	60	6'-6"	FR 2B	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6, 22
B132	F	1	3'-0"	7'-0"	DHM-WD	--	7'-0"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D10.0	6, 22
B133	F	1	3'-0"	7'-0"	DHM	--	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D7.0	6
B134	F	1	3'-0"	7'-0"	DHM-WD	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	D10.0	6
B135	F	1	3'-0"	7'-0"	DHM-WD	--	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	6
C100A	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6
C100B	F	1	3'-0"	7'-0"	DHM	--	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D3.0	6
C103	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	19.0	
C104	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	13.0	
C105	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	23.0	
C106	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	23.0	
C107	F	1	3'-0"	7'-0"	WD	--	5'-4"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
C108	F	1	3'-0"	7'-0"	WD	--	5'-4"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
C109	F	1	3'-0"	7'-0"	WD	--	5'-4"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
C110	G	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
C111	F	1	3'-0"	7'-0"	WD	--	4'-10"	FR 2C	--	HM	--	C2/A4.80	C2/A4.80	--	14.0	3
C113A	AL2	1	3'-0"	7'-0"	AL	--		SF	--	--	--	--	--	--	3.0	5
C113B	AL2	1	3'-0"	7'-0"	AL	--		SF	--	--	--	--	--	F5/A5.60	1.0	5
1 C114	F	1	3'-0"	7'-0"	HM	90	3'-6"	FR 1B	--	HM	--	D2/A4.80	A4/A4.80	--	8.1	6
ST-2	F	1	3'-0"	7'-0"	HM	--	3'-4"	FR 1	--	HM	--	C7/A5.60	D7/A5.60	F5/A5.60	6.0	5

NEW YOUTH JUSTICE & REHABILITATION CENTER

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WOLD ARCHITECTS AND ENGINEERS
220 North Smith Street, Suite 310
Palatine, Illinois 60067

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KEY PLAN

REGISTERED PROFESSIONAL ARCHITECT
ROGER J. SCHROEPFER
06278
IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ARCHITECT** under the laws of the State of **IOWA**

ROGER SCHROEPFER
License Number: **06278** Date **08/05/22**

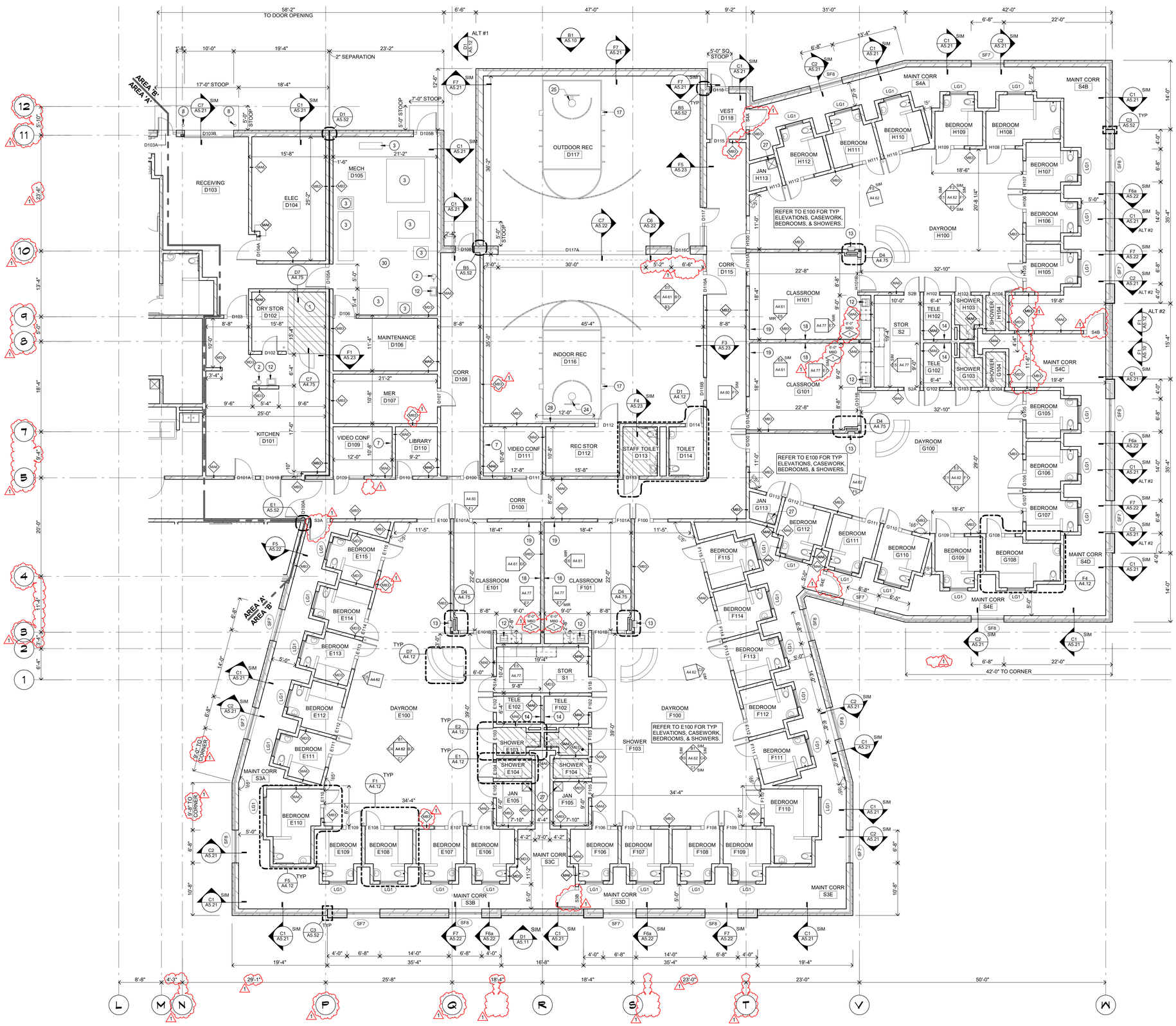
Revisions		
Description	Date	Num
Addendum 1	**08/18/22**	**1**

Comm: **213131**
Date: **08/05/22**
Drawn: **MG/CJ**
Check: **KE**
North

MAIN LEVEL FLOOR PLAN - AREA 'A'

Scale: **As indicated**

A2.00a



F1 **MAIN LEVEL FLOOR PLAN - AREA 'B'**
1/8" = 1'-0"

PLAN GENERAL NOTES

1. ALL PLAN DIMENSIONS ARE NOMINAL TO FACE OF WALL. WALL THICKNESSES ARE SHOWN NOMINAL. SEE WALL TYPES FOR ACTUAL THICKNESS.
2. ALL GYP. WALLS ARE TO BE 5 INCHES THICK UNLESS OTHERWISE NOTED.
3. ALL CONCRETE BLOCK WALLS ARE TO BE 8 INCHES THICK UNLESS OTHERWISE NOTED.
4. COORDINATE SIZE AND LOCATION OF ALL DUCT AND SHAFT OPENINGS IN WALLS AND FLOORS W/ MECH. AND ELEC. PROVIDE ALL REQUIRED LINTELS FOR OPENINGS. SEE LINTEL SCHEDULE AND STRUCT.
5. FIELD VERIFY ALL MILLWORK OPENINGS.
6. SET FLOOR DRAINS 3/4" BELOW FINISHED CONCRETE FLOORS UNLESS OTHERWISE NOTED. PROVIDE CONSISTENT SLOPE FROM WALL TO DRAIN BY SLOPING CONCRETE, MIN. 1/4" PER FOOT.
7. VERIFY LOCATION, SIZE AND QUANTITY OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT PADS. SEE MECH/ELEC.
8. ALL DOOR/ SIDELITE OPENINGS TO BEGIN 4" FROM ADJACENT WALL AT GYP BD CONSTRUCTION UNLESS OTHERWISE NOTED.
9. FIRE RATED WALLS AND SMOKE COMPARTMENT SEPARATION ARE INDICATED ON CODE PLANS.
10. REFER TO WALL SECTIONS/ DETAILS FOR LOCATIONS OF SOLID SURFACE WINDOW SILLS.
11. SEE DAYROOM E100 FOR TYPICAL BEDROOM, SHOWER, AND CASEWORK INFORMATION.
12. ALL EXPOSED CMU OUTSIDE CORNERS TO BE BULLNOSE UNLESS NOTED OTHERWISE.
13. COORDINATE FLOOR DRAIN "FD" LOCATIONS WITH MECH.

FLOOR PLAN KEY NOTES:

1. WALK-IN REFRIGERATOR - SEE FOOD SERVICE AND C7/A4.75
2. EMERGENCY EYE WASH - SEE MECH.
3. HOUSEKEEPING PAD - SEE MECH/ELEC AND REFER TO F5/A4.75 AND F5a/A4.75.
4. EWC WITH BOTTLE FILLER - SEE MECH.
5. METAL DETECTOR - SEE ELEC.
6. STORAGE LOCKERS SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR. PROVIDE BLOCKING AS REQUIRED.
7. WALL MOUNTED TV - SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. PROVIDE BLOCKING AT GYP BD WALLS.
8. BOLLARD - SEE CIVIL.
9. ROLLER SHADES
10. CARD READER PEDESTAL - COORDINATE FINAL LOCATION IN FIELD. SEE ELECTRONIC SECURITY PLANS. PROVIDE CONCRETE FOUNDATION PER MFR REQUIREMENTS.
11. WALL MOUNTED MEDICAL EQUIPMENT SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. VERIFY FINAL LOCATION IN FIELD WITH OWNER OR ARCHITECT.
12. SINK - SEE MECH.
13. WALL RECESSED EWC - SEE MECH.
14. WALL MOUNTED TELEPHONE HANDSET - SEE ELEC. COORDINATE FINAL LOCATION WITH ARCHITECT.
15. WALL MOUNTED WEAPON LOCKER SQUADRON PISTOL LOCKER MODEL #ALM24-230828 OR PRIOR APPROVED EQUAL - HIGH SECURITY KEY LOCKS, TWO-TONE CHARCOAL, NUMBER SEQUENTIALLY STARTING AT "1"
16. TRENCH DRAIN 1/4" = 1'-0" SLOPE TO DRAIN. SEE MECH AND E7/A4.75
17. FLOOR STRIPING - SEE FLOOR FINISH PLAN A4.00
18. WALL MOUNTED TE540 LIGATURE RESISTANT PROTECTIVE TV ENCLOSURE BY BEHAVIORAL SAFETY PRODUCTS - INDUSTRIAL STRENGTH, BLACK ANODIZED ALUMINUM EXTRUSION, AND ABS WITH 1/4" THICK POLYCARBONATE FACE. ENCLOSURE TO INCLUDE COOLING FAN OPTION AND ACCESS PANEL FOR TV PORT ACCESS. ENCLOSURE SHALL BE SIZED TO FIT MONITOR SIZES NOTED ON ELECTRICAL DRAWINGS. SEE INTERIOR ELEVATIONS. INSTALL OWNER SUPPLIED TV MONITOR INSIDE THE ENCLOSURE.
19. WALL MOUNTED TECHNOLOGY CHARGING STATION SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE FINAL LOCATION WITH OWNER OR ARCHITECT.
20. OWNER SUPPLIED AND CONTRACTOR INSTALLED STACKED LAUNDRY UNIT - SEE MECH/ ELEC.
21. GENERATOR - SEE ELEC.
22. BLACK POWDER COATED CHAIN LINK FENCE WITH LOCKABLE DOUBLE SWING GATE - SEE CIVIL.
23. CORNER GUARD (CG-1). PROVIDE AT BOTH CORNERS OF END WALL CONDITION AS OCCURS.
24. WALL MOUNTED BASKETBALL ASSEMBLY.
25. FLOOR MOUNTED BASKETBALL ASSEMBLY. PROVIDE CONCRETE FOUNDATION MIN 3' DIA. X 5' DEEP. INSTALL PER MFR WRITTEN RECOMMENDATIONS.
26. UTILITY SINK - SEE MECH.
27. MOP SINK - SEE MECH.
28. WALL PADS AS SPECIFIED (12' LONG) - PROVIDE PAD ON ADJACENT DOOR.
29. DOOR ACTUATOR.
30. SEWAGE GRINDER PIT - SEE MECH AND STRUCT.
31. PROVIDE BLOCKING IN WALL FOR FUTURE TV INSTALLATION BY OWNER.

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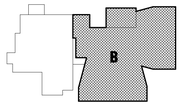

KEY PLAN

REGISTERED PROFESSIONAL ARCHITECT
ROGER J. SCHROEPFER
06278
IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ARCHITECT** under the laws of the State of **IOWA**

ROGER SCHROEPFER
License Number: **06278** Date **08/05/22**

Revisions		
Description	Date	Num
Addendum 1	08/18/22	1

Comm: **213131**
Date: **08/05/22**
Drawn: **MG/CJ**
Check: **KE**

North

MAIN LEVEL FLOOR PLAN - AREA 'B'

Scale: **1/8" = 1'-0"**

A2.00b

NEW YOUTH JUSTICE & REHABILITATION CENTER

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SCOTT COUNTY
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DAVENPORT, IOWA 52801

WOLD ARCHITECTS AND ENGINEERS
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woldae.com | 847 241 6100

PLAN GENERAL NOTES

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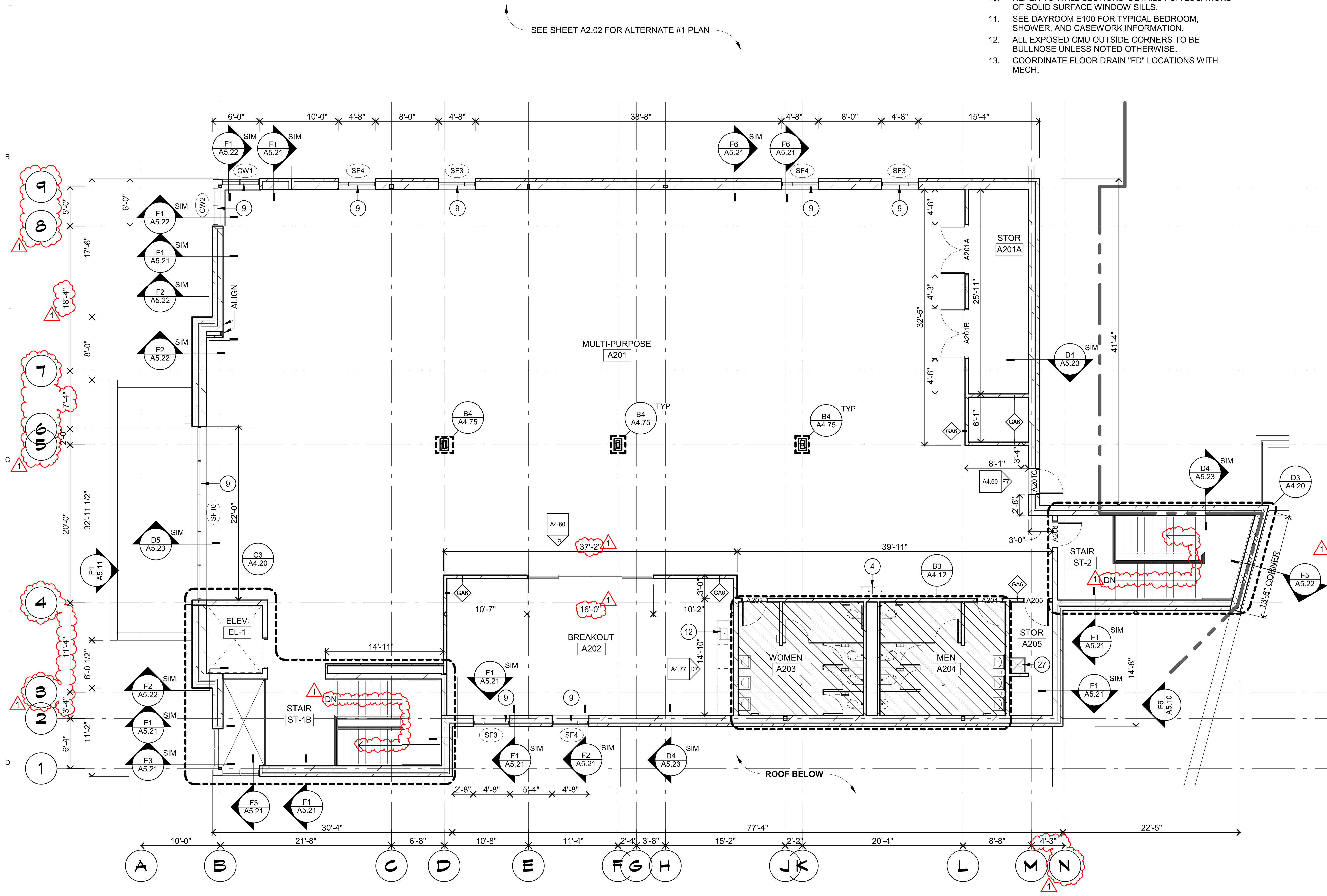
3. ALL CONCRETE BLOCK WALLS ARE TO BE 8 INCHES THICK UNLESS OTHERWISE NOTED.
4. COORDINATE SIZE AND LOCATION OF ALL DUCT AND SHAFT OPENINGS IN WALLS AND FLOORS W/ MECH. AND ELEC. PROVIDE ALL REQUIRED LINTELS FOR OPENINGS. SEE LINTEL SCHEDULE AND STRUCT.
5. FIELD VERIFY ALL MILLWORK OPENINGS.
6. SET FLOOR DRAINS 3/4" BELOW FINISHED CONCRETE FLOORS UNLESS OTHERWISE NOTED. PROVIDE CONSISTENT SLOPE FROM WALL TO DRAIN BY SLOPING CONCRETE, MIN. 1/4" PER FOOT.
7. VERIFY LOCATION, SIZE AND QUANTITY OF ALL MECHANICAL AND ELECTRICAL EQUIPMENT PADS. SEE MECH/ELEC.
8. ALL DOOR/ SIDELITE OPENINGS TO BEGIN 4" FROM ADJACENT WALL AT GYP BD CONSTRUCTION UNLESS OTHERWISE NOTED.
9. FIRE RATED WALLS AND SMOKE COMPARTMENT SEPARATION ARE INDICATED ON CODE PLANS.
10. REFER TO WALL SECTIONS/ DETAILS FOR LOCATIONS OF SOLID SURFACE WINDOW SILLS.
11. SEE DAYROOM E100 FOR TYPICAL BEDROOM, SHOWER, AND CASEWORK INFORMATION.
12. ALL EXPOSED CMU OUTSIDE CORNERS TO BE BULLNOSE UNLESS NOTED OTHERWISE.
13. COORDINATE FLOOR DRAIN "FD" LOCATIONS WITH MECH.

FLOOR PLAN KEY NOTES:

1. WALK-IN REFRIGERATOR - SEE FOOD SERVICE AND C7/A4.75
2. EMERGENCY EYE WASH - SEE MECH.
3. HOUSEKEEPING PAD - SEE MECH/ELEC AND REFER TO F5/A4.75 AND F5a/A4.75.
4. EWC WITH BOTTLE FILLER - SEE MECH.
5. METAL DETECTOR - SEE ELEC.
6. STORAGE LOCKERS SUPPLIED BY OWNER, INSTALLED BY CONTRACTOR. PROVIDE BLOCKING AS REQUIRED.
7. WALL MOUNTED TV - SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. PROVIDE BLOCKING AT GYP BD WALLS.
8. BOLLARD - SEE CIVIL.
9. ROLLER SHADES
10. CARD READER PEDESTAL - COORDINATE FINAL LOCATION IN FIELD. SEE ELECTRONIC SECURITY PLANS. PROVIDE CONCRETE FOUNDATION PER MFR REQUIREMENTS.
11. WALL MOUNTED MEDICAL EQUIPMENT SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. VERIFY FINAL LOCATION IN FIELD WITH OWNER OR ARCHITECT.
12. SINK - SEE MECH.
13. WALL RECESSED EWC - SEE MECH.
14. WALL MOUNTED TELEPHONE HANDSET - SEE ELEC. COORDINATE FINAL LOCATION WITH ARCHITECT.
15. WALL MOUNTED WEAPON LOCKER SQUADRON PISTOL LOCKER MODEL #ALM24-230828 OR PRIOR APPROVED EQUAL - HIGH SECURITY KEY LOCKS, TWO-TONE CHARCOAL, NUMBER SEQUENTIALLY STARTING AT "1"
16. TRENCH DRAIN 1/4" = 1'-0" SLOPE TO DRAIN. SEE MECH AND E7/A4.75
17. FLOOR STRIPING - SEE FLOOR FINISH PLAN A4.00
18. WALL MOUNTED TE540 LIGATURE RESISTANT PROTECTIVE TV ENCLOSURE BY BEHAVIORAL SAFETY PRODUCTS - INDUSTRIAL STRENGTH, BLACK ANODIZED ALUMINUM EXTRUSION, AND ABS WITH 1/4" THICK POLYCARBONATE FACE. ENCLOSURE TO INCLUDE COOLING FAN OPTION AND ACCESS PANEL FOR TV PORT ACCESS. ENCLOSURE SHALL BE SIZED TO FIT MONITOR SIZES NOTED ON ELECTRICAL DRAWINGS. SEE INTERIOR ELEVATIONS. INSTALL OWNER SUPPLIED TV MONITOR INSIDE THE ENCLOSURE.
19. WALL MOUNTED TECHNOLOGY CHARGING STATION SUPPLIED BY OWNER AND INSTALLED BY CONTRACTOR. COORDINATE FINAL LOCATION WITH OWNER OR ARCHITECT.
20. OWNER SUPPLIED AND CONTRACTOR INSTALLED STACKED LAUNDRY UNIT - SEE MECH/ ELEC.
21. GENERATOR - SEE ELEC.
22. BLACK POWDER COATED CHAIN LINK FENCE WITH LOCKABLE DOUBLE SWING GATE - SEE CIVIL.
23. CORNER GUARD (CG-1). PROVIDE AT BOTH CORNERS OF END WALL CONDITION AS OCCURS.
24. WALL MOUNTED BASKETBALL ASSEMBLY.
25. FLOOR MOUNTED BASKETBALL ASSEMBLY. PROVIDE CONCRETE FOUNDATION MIN 3' DIA. X 5' DEEP. INSTALL PER MFR WRITTEN RECOMMENDATIONS.
26. UTILITY SINK - SEE MECH.
27. MOP SINK - SEE MECH.
28. WALL PADS AS SPECIFIED (12' LONG) - PROVIDE PAD ON ADJACENT DOOR.
29. DOOR ACTUATOR.
30. SEWAGE GRINDER PIT - SEE MECH AND STRUCT.
31. PROVIDE BLOCKING IN WALL FOR FUTURE TV INSTALLATION BY OWNER. (1)



E1 **UPPER LEVEL FLOOR PLAN**
1/8" = 1'-0"

DOOR / OPENING SCHEDULE (AREA 'B')																
DOOR NO	DOOR / OPENING TYPE	QTY	WIDTH	HEIGHT	MATL	LABEL/ RATING	OVERALL WIDTH	FRAME TYPE	DEPTH	MATL	GL	MOUNTING CONDITIONS HEAD	JAMB	SILL	HDW GRP	REMARKS
D100	F	1	3'-0"	7'-0"	DHM	60	6'-8"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6, 22
D100A	F	2	3'-8"	7'-0"	DHM	90	8'-0"	FR 1E	--	DHM	--	D6/A4.80	D6/A4.80	--	11.0	4, 6
D101A	F	1	3'-6"	7'-0"	DHM	60	4'-4"	FR 1C	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6
D101B	F	1	3'-6"	7'-0"	DHM	60	4'-4"	FR 1C	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6
D102	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	17.0	6
D103	F	1	4'-0"	7'-0"	DHM	--	5'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D3.0	6
D103A	F	1	3'-0"	7'-0"	DHM	--	3'-10"	FR 1C	--	DHM	--	C7/A5.60	D7/A5.60	F5/A5.60	D1.0	5
D103B	OH	1	10'-0"	10'-0"	ST.	--	10'-0"	OH	--	ST.	--	D5/A5.60	E7/A5.60	E5/A5.60	25.0	5
D104A	F	1	4'-0"	7'-0"	DHM	--	4'-10"	FR 1C	--	DHM	--	D2/A4.80	A4/A4.80	--	D3.0	6
D105A	F	1	4'-0"	7'-0"	DHM	90	5'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6
D105B	F	1	4'-0"	7'-0"	DHM	--	4'-10"	FR 1C	--	DHM	--	C7/A5.60	D7/A5.60	F5/A5.60	D1.0	5
D106	F	1	4'-0"	7'-0"	DHM	--	4'-8"	FR 1E	--	DHM	--	D2/A4.80	A4/A4.80	--	D8.0	6
D107	F	1	3'-0"	7'-0"	DHM	90	3'-10"	FR 1C	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.1	6, 21
D108	F	1	3'-0"	7'-0"	DHM	--	3'-10"	FR 1C	--	DHM	--	C7/A5.60	D7/A5.60	F5/A5.60	D1.0	5
D109	F	1	3'-0"	7'-0"	DHM	60	6'-4"	FR 2F	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6, 22
D110	F	1	3'-0"	7'-0"	DHM	60	3'-6"	FR 1B	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6
D111	F	1	3'-0"	7'-0"	DHM	60	6'-4"	FR 2F	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6, 22
D112	F	1	4'-0"	7'-0"	DHM	--	5'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D7.0	6
D113	F	1	3'-0"	7'-0"	DHM	60	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D16.0	6
D114	F	1	3'-0"	7'-0"	DHM	--	3'-8"	FR 1E	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	6
D115	F	1	3'-0"	7'-0"	DHM	60	4'-0"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D4.0	6
D116A	F	1	4'-0"	7'-0"	DHM	60	8'-4"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6, 22
D116B	--		4'-8"	7'-4"	--	60		FR 5A	--	DHM	--	D2/A4.80	A4/A4.80	--		22
D116C	F	1	3'-0"	7'-0"	DHM	--	3'-10"	FR 1C	--	DHM	--	C7/A5.60	D7/A5.60	--	D2.0	6
D117	F	1	3'-0"	7'-0"	DHM	60	7'-10"	FR 2A	--	DHM	--	C7/A5.60	D7/A5.60	--	D2.0	6, 22
D117A	MICD	1	30'-0"	16'-0"	ST.	--		MICD	--	ST.	--	D3/A5.50	E7/A5.60 SIM		25.0	6
D118	F	1	3'-0"	7'-0"	DHM	--	3'-10"	FR 1C	--	DHM	--	C7/A5.60	D7/A5.60	F5/A5.60	D1.0	5
E100	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 19, 20, 22
E101A	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 19, 20, 22
E101B	F	1	3'-0"	7'-0"	DHM-WD	--	7'-0"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D7.0	6, 22
E102	N	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	7, 22
E103	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
E104	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
E105	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D14.0	6
E106	F	1	3'-0"	7'-0"	DHM-WD	--	5'-4"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 8, 20, 22
E107	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 9, 22
E108	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 10, 22
E109	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 11, 22
E110	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 12, 22
E111	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 12, 22
E112	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 11, 22
E113	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 10, 22
E114	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 9, 22
E115	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 8, 22
F100	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 11, 20, 22
F101A	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 11, 20, 22
F101B	F	1	3'-0"	7'-0"	DHM-WD	--	7'-0"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D7.0	6, 22
F102	N	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	7, 22
F103	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
F104	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
F105	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D14.0	6
F106	F	1	3'-0"	7'-0"	DHM-WD	--	5'-4"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 13, 22
F107	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 14, 22
F108	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 15, 22
F109	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 16, 22
F110	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 17, 22
F111	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 17, 22
F112	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 16, 22
F113	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 15, 22
F114	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 14, 22
F115	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 13, 22
G100	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 16, 20, 22
G101A	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 16, 20, 22
G101B	F	1	3'-0"	7'-0"	DHM-WD	--	7'-0"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D7.0	6, 22
G102	N	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	7, 22
G103	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
G104	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
G105	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 9, 22
G106	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 10, 22
G107	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 11, 22
G108	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 12, 22
G109	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 12, 22
G110	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 11, 22
G111	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 10, 22
G112	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 9, 22
G113	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D14.0	6, 8
H100	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 18, 20, 22
H101A	F	1	3'-0"	7'-0"	DHM	60	6'-10"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	1, 6, 18, 20, 22
H101B	F	1	3'-0"	7'-0"	DHM-WD	--	7'-0"	FR 2E	--	DHM	--	D2/A4.80	A4/A4.80	--	D7.0	6, 22
H102	N	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D15.0	7, 22
H103	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
H104	F	1	3'-0"	7'-0"	SS	--	3'-4"	FR 1	--	SS	--	D2/A4.80	A4/A4.80	--	D15.0	7
H105	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 14, 22
H106	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 15, 22
H107	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 16, 22
H108	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 17, 22
H109	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 17, 22
H110	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 16, 22
H111	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 15, 22
H112	F	1	3'-0"	7'-0"	DHM-WD	--	6'-0"	FR 2A	--	DHM	--	D2/A4.80	A4/A4.80	--	D11.0	2, 7, 14, 22
H113	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D14.0	6, 13
S1A	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D8.0	6, 20
S1B	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D8.0	6
S2A	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D9.0	6, 20
S2B	F	1	3'-0"	7'-0"	DHM	--	3'-4"	FR 1	--	DHM	--	D2/A4.80	A4/A4.80	--	D8.0	6
S3A	F	1	3'-6"	7'-0"	DHM	60	4'-4"	FR 1C	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6, 20
S3B	F	1	3'-6"	7'-0"	DHM	--	4'-6"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6, 20
S4A	F	1	3'-6"	7'-0"	DHM	--	4'-4"	FR 1C	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6, 20
S4B	F	1	3'-6"	7'-0"	DHM	--	4'-6"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6, 20
S4E	F	1	3'-6"	7'-0"	DHM	--	4'-6"	FR 1D	--	DHM	--	D2/A4.80	A4/A4.80	--	D6.0	6, 20

ROOM FINISH SCHEDULE												
ROOM NO	ROOM NAME	FLOOR	BASE	N WALL - TYP MATL	FIN	E WALL MATL	FIN	S WALL MATL	FIN	W WALL MATL	FIN	REMARKS
A200	LOBBY	SEAL CONC	VB-2	--	--	GYP BD	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
A201	MULTI-PURPOSE	SEAL CONC	VB-2	CBLK	PT-6A	CBLK/ GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	
A201A	STOR	SEAL CONC	VB-2	CBLK	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	
A202	BREAKOUT	LVT-1	VB-2	GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	
A203	WOMEN	C.TILE-1	C.TILE-1	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-2	CBLK	P.TILE-1/PT-6A	GYP BD	P.TILE-2	
A204	MEN	C.TILE-1	C.TILE-1	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-2	CBLK	P.TILE-1/PT-6A	GYP BD	P.TILE-2	
ST-1B	STAIR	PLSD CONC	VB-1	CBLK	PT-6E	CBLK	PT-6E	CBLK	PT-6A	CBLK	PT-6A	

ROOM FINISH SCHEDULE GENERAL NOTES

1. SEE DETAILS OF CONSTRUCTION FOR ABBREVIATIONS
2. IF ALL WALLS IN ROOM HAVE THE SAME FINISH, THE "N WALL-TYP" COLUMN WILL BE USED.
3. DISCREPANCIES BETWEEN THE ROOM FINISH SCHEDULE AND DRAWINGS SHALL BE REPORTED TO THE ARCHITECT FOR FINISH DETERMINATION.
4. ON WALLS WHICH ARE COVERED WITH MILLWORK AND TACK SURFACES, A FINISH SHALL NOT BE APPLIED TO THE WALL BEHIND EXCEPT FOR LOCATIONS WHICH MAY BE EXPOSED (I.E. SPACE BETWEEN MILLWORK AND TACK SURFACE.) CONCRETE BLOCK BEHIND MILLWORK AND MARKERBOARDS TO BE TOOLED.
5. REFER TO MATERIAL FINISH/ COLOR SCHEDULE FOR SPECIFIC FINISH TYPES AND COLORS.
6. FOR CEILING MATERIAL WHEN MORE THAN ONE CEILING MATERIAL OCCURS THE CEILING FINISH IS INDICATED THUS: "/".
7. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION. ROOM FINISH SCHEDULE DOES NOT SHOW COMPLETE LIST OF WALL FINISH MATERIALS.
8. SEE FLOOR FINISH PLAN FOR MORE INFORMATION. ROOM FINISH SCHEDULE DOES NOT SHOW COMPLETE LIST OF FLOORING MATERIALS IN ROOMS.
9. *DESIGNATES FIELD COLOR THIS WALL. SEE INTERIOR ELEVATIONS AND/OR CASEWORK ELEVATIONS FOR MORE INFORMATION.

ROOM FINISH SCHEDULE REMARKS

1. EP-1 FULL HEIGHT ON WALLS AT SHOWER.
2. SEE DIVISION 27 AND SYSTEMS DRAWINGS/ DETAILS FOR PLYWOOD LOCATIONS AND SPECIFICATIONS AT TECHNOLOGY ROOMS.
3. SEE SHEET A4.12 TYPICAL LAYOUT OF BEDROOMS.
4. CONTINUOUS DETENTION SEALANT AT JOINT BETWEEN CONCRETE FLOOR AND CMU WALL TYPICAL - COLOR TO MATCH POLISHED CONCRETE FINISH.
5. AT WET WALL FULL HEIGHT TILE TO WRAP ALL WING WALLS AND ENTIRE WET WALL(S) AT SHOWER(S).
6. PROVIDE EPOXY PAINT ALL WALLS WHERE PAINT IS SCHEDULED THIS ROOM.
7. PROVIDE FRP-1 WAINSCOT TO ALL WALLS ABOVE MOP SINK THIS ROOM. TOP OF WAINSCOT ELEVATION 4'-0".
8. SEAL CONC AT UPPER LEVEL OF STAIR. PROVIDE SCHEDULED FLOOR FINISH AT MAIN LEVEL. (1)

DOOR / OPENING SCHEDULE (UPPER LEVEL)																
DOOR NO	DOOR / OPENING TYPE	QTY	WIDTH	HEIGHT	MATL	LABEL/ RATING	OVERALL WIDTH	FRAME TYPE	DEPTH	MATL	GL	MOUNTING CONDITIONS HEAD	JAMB	SILL	HDW GRP	REMARKS
A201A	F	2	3'-0"	7'-0"	WD	--	6'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	18.0	
A201B	F	2	3'-0"	7'-0"	WD	--	6'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	18.0	
A201C	F	1	3'-0"	5'-4"	HM	--	3'-4"	FR 1	--	HM	--	C7/A5.60	D7/A5.60	B1/A5.61	7.0	5
A203	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	23.0	
A204	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	23.0	
A205	F	1	3'-0"	7'-0"	WD	--	3'-4"	FR 0	--	HM	--	C2/A4.80	C2/A4.80	--	16.0	
A206	F	1	3'-0"	7'-0"	WD	90	3'-4"	FR 1	--	HM	--	D2/A4.80	A4/A4.80	--	10.0	

DOOR SCHEDULE GENERAL NOTES

1. ALL DOORS ARE 1 3/4" THICK UNLESS OTHERWISE NOTED.
2. FOR FRAME DEPTH, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED:

   GYPSUM BOARD PARTITIONS: THROAT OF FRAME TO MATCH WALL THICKNESS.

   MASONRY PARTITIONS: 4" WALL: 3 3/4" FRAME
   6" WALL: 5 3/4" FRAME
   8" AND GREATER WALL: 7 3/4" FRAME

   FRAME DEPTHS ARE SCHEDULED IN NOMINAL DIMENSIONS. SEE FRAME/ DOOR TYPES FOR CORRESPONDING ACTUAL DIMENSIONS.
3. FOR GLASS TYPES, ONLY EXCEPTIONS TO THE FOLLOWING TABLE ARE SCHEDULED:

   INTERIOR NON RATED:

   CLEAR (SAFETY WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.)

   INTERIOR AND EXTERIOR RATED:

   FIRE RATED

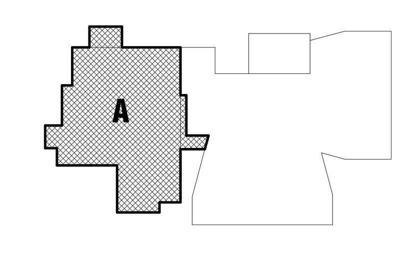
   EXTERIOR NON-RATED:

   CLEAR INSULATED (SAFETY INSULATED WHEN REQUIRED BY TABLE IN GLAZING SPECIFICATION.)
4. SEE SHEET A2.901 FOR DOOR & FRAME TYPES.
5. AT DOOR SCHEDULE, LABEL DESIGNATION "45/20" INDICATES:

   FOR ALL OPENINGS WITH SIDE LITES AND SCHEDULED TO BE RATED FOR 20 MINUTES, THE DOOR AND ANY GLASS WITHIN THE DOOR IS TO BE RATED FOR 20 MINUTES; THE FRAME AND ADJACENT SIDELITE(S) GLASS AND FRAME IS TO BE RATED FOR 45 MINUTES."
6. REFER TO ELECTRONIC SECURITY DRAWINGS FOR CARD READER LOCATIONS.

DOOR SCHEDULE REMARKS

1. PROVIDE ONE-WAY GLAZING THIS DOOR WITH VISIBILITY ON CORRIDOR SIDE.
2. PROVIDE INTEGRATED BLINDS AT DOOR LITE WITH CONTROLS LOCATED OUTSIDE BEDROOM.
3. PROVIDE HORIZONTAL ALUMINUM BLINDS AT DOOR LITE ON OFFICE SIDE - AS SPECIFIED.
4. THIS DOOR ON MAG HOLD OPEN - SEE HARDWARE GROUP AND ELEC.
5. PROVIDE VINYL DECAL FIRE DOOR NUMBER AT BOTH SIDES OF EXTERIOR OF DOOR - FINAL NUMBERING TO BE DETERMINED BY OWNER.
6. PROVIDE VINYL DECAL ROOM NUMBER AT BOTH SIDES OF FRAME HEAD.
7. PROVIDE VINYL DECAL ROOM NUMBER OUTSIDE ROOM AT FRAME HEAD.
8. PT-5B DOOR FRAME
9. PT-5C DOOR FRAME
10. PT-5D DOOR FRAME
11. PT-5E DOOR FRAME
12. PT-5F DOOR FRAME
13. PT-5G DOOR FRAME
14. PT-5H DOOR FRAME
15. PT-5J DOOR FRAME
16. PT-5K DOOR FRAME
17. PT-5L DOOR FRAME
18. PT-6F DOOR FRAME
19. PT-6G DOOR FRAME
20. DOOR TO WITHSTAND PASSAGE OF SMOKE.
21. DOOR TO BE FULLY SEALED
22. DETENTION GLAZING



KEY PLAN

ROGER J. SCHROEPFER 06278 REGISTERED PROFESSIONAL ARCHITECT IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ARCHITECT** under the laws of the State of **IOWA**

ROGER SCHROEPFER
License Number: **06278** Date **08/05/22**

Revisions		
Description	Date	Num
Addendum 1	**08/18/22**	**1**

Comm: **213131**
Date: **08/05/22**
Drawn: **CJ**
Check: **KE**

North

UPPER LEVEL FLOOR PLAN - AREA 'A'

Scale: **As indicated**

A2.01

NEW YOUTH JUSTICE & REHABILITATION CENTER

4715 TREMONT AVENUE
DAVENPORT, IOWA 52807

SCOTT COUNTY
600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

WOLD ARCHITECTS AND ENGINEERS
220 North Smith Street, Suite 310
Palatine, Illinois 60067
woldae.com | 847 241 6100

ABBREVIATIONS

&	AND
@	AT
ACT	ACOUSTICAL CEILING TILE
AF	ACCESS FLOORING
AFF	ABOVE FINISHED FLOOR
ALT #__	ALTERNATE NUMBER
ALUM	ALUMINUM
AP	ACCESS PANEL
AWC	ACOUSTICAL WALL COVERING
AWF	ACOUSTICAL WALL FABRIC
AWP	ACOUSTICAL WALL PANEL
B BLK	BURNISHED CONCRETE BLOCK
BLDG	BUILDING
BRK	BRICK
C BLK	CONCRETE BLOCK
CG	CORNER GUARD
CH L	CHAIN LINK
CIP	CAST-IN-PLACE
CJ	CONTROL JOINT
CL	CENTER LINE
CLG	CEILING
CM	CULTURED MARBLE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CONT	CONTINUOUS
CPT	CARPET
CRF	CHEMICAL RESISTANT FLOORING
CT	CERAMIC TILE
CTP	COUNTERTOP
CU	CONDENSING UNIT
CUH	CABINET UNIT HEATER
CW-__(#)	CURTAINWALL TYPE
DEMO	DEMOLITION
DF	DRINKING FOUNTAIN
DIA	DIAMETER
DN	DOWN
E PT	EPOXY PAINT
EIFS	EXTERIOR INSULATION AND FINISH SYSTEM
EJ	EXPANSION JOINT
ELEC	ELECTRICAL
ELEV	ELEVATION
EPDM	ETHYLENE PROPYLENE DIENE MONOMER
EWC	ELECTRIC WATER COOLER
EXIST	EXISTING
EXP	EXPOSED
FD	FLOOR DRAIN
FE	FIRE EXTINGUISHER
FF&E	FIXTURES
FFE	FINISHED FLOOR ELEVATION
FRP	FIBERGLASS REINFORCED PANEL
G BLK	GLAZED CONCRETE BLOCK
GA	GAUGE
GB	GRAB BAR
GRD BLK	GROUND FACE CONCRETE BLOCK
GST	GLAZED STRUCTURAL TILE
GYP BD	GYPSUM BOARD
HCAP	HANDICAPPED
HM	HOLLOW METAL
HT	HOMOGENEOUS TILE
ID	INSIDE DIAMETER
INSUL	INSULATION
L-__(#)	LOUVER TYPE
LAV	LAVATORY
LFD	LINEAR FLOOR DRAIN
LINO	LINOLEUM
LVT	LUXURY VINYL TILE
M/S	MIRROR WITH SHELF
MATL	MATERIAL
MAX	MAXIMUM
MBD	MARKERBOARD
MECH	MECHANICAL
MEF	MOSAIC EPOXY FLOORING
MIN	MINIMUM
MIR	MIRROR
MISC	MISCELLANEOUS
NIC	NOT IN CONTRACT
NO	NUMBER
NSF	NON-SLIP FLOORING
NTS	NOT TO SCALE
OH	OVERHEAD
P LAM	PLASTIC LAMINATE
P TILE	PORCELAIN TILE
PLAS	PLASTER
PLSD	POLISHED
PT	PAINT
PTD	PAINTED
PVC	POLYVINYL CHLORIDE
PWP	PLASTIC (PHENOLIC) WALL PANEL
QRT	QUARTZ
QT	QUARRY TILE
R	RADIUS
RAF	RESILIENT ATHLETIC FLOORING
RCP	REFLECTED CEILING PLAN
RD	ROOF DRAIN
RES	RESILIENT
RF	RESINOUS FLOORING
RFT	RUBBER FLOOR TILE
RH	RELIEF HOOD
RM	ROOM
RTU	ROOF TOP UNIT
RUB	RUBBER
RWL	RAIN WATER LEADER
SBD	SMART BOARD
SCHED	SCHEDULE
SD	SOAP DISPENSER
SF	SQUARE FOOT (FEET)
SF-__(#)	STOREFRONT TYPE
SIM	SIMILAR
SND	SANITARY NAPKIN DISPENSER
SNR	SANITARY NAPKIN RECEPTOR
SST	STAINLESS STEEL
STN	STONE
STRUCT	STRUCTURAL
TBD	TACKBOARD
TEMP	TEMPORARY
TERR	TERRAZZO
TPH	TOILET PAPER HOLDER
TWC	TACKABLE WALLCOVERING
TYP	TYPICAL
UL	UNDERWRITER'S LABORATORY
UNO	UNLESS NOTED OTHERWISE
UR	URINAL
USF	URETHANE SLURRY FLOORING
V PLAS	VENEER PLASTER
VAT	VINYL ASBESTOS TILE
VCT	VINYL COMPOSITION TILE
VIF	VERIFY IN FIELD
VTR	VENT THROUGH ROOF
VWC	VINYL WALLCOVERING
VWF	VINYL WALL FABRIC
W-__(#)	WINDOW TYPE
WC	WATER CLOSET
WD	WOOD
WSCT	WAINSCOT
WWF	WELDED WIRE FABRIC

ROOM FINISH SCHEDULE

ROOM NO	ROOM NAME	FLOOR	BASE	N WALL - TYP MATL	N WALL - TYP FIN	E WALL MATL	E WALL FIN	S WALL MATL	S WALL FIN	W WALL MATL	W WALL FIN	REMARKS
A100	LOBBY	LVT-1	--	GYP BD	P.TILE-3/PT-6B	CBLK	P.TILE-3/PT-6B*	CBLK	P.TILE-3/PT-6A	CBLK	P.TILE-3/PT-6A	
A100A	VEST	CPT-3	VB-1	CW	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	CW	PT-6A	
A100B	VEST	CPT-3	VB-1	GYP BD	PT-6A	CBLK	PT-6A	CW	PT-6A	CW	PT-6A	
A101	JAN	SEAL CONC	VB-1	CBLK	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	CBLK	PT-6A	7
A102	FAMILY TOILET	C.TILE-1	C.TILE-1	CBLK	P.TILE-1/PT-6A	GYP BD	P.TILE-2	CBLK	P.TILE-1/PT-6A	GYP BD	P.TILE-1/PT-6A	
A103	CORR	CPT-2C	VB-1	--	--	GYP BD	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	
A104	CLASSROOM	CPT-2D	VB-1	GYP BD	PT-6C	GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	
A105	TOILET	C.TILE-1	C.TILE-1	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-1/PT-6A	CBLK/ GYP BD	P.TILE-2	GYP BD	P.TILE-1/PT-6A	
A106	OFFICE	CPT-2D	VB-1	GYP BD	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	
A107	OFFICE	CPT-2D	VB-1	GYP BD	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	
A108	STOR	CPT-2C	VB-1	GYP BD	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	
A109	QUIET	CPT-2D	VB-1	GYP BD	PT-6A	CBLK	PT-6A	GYP BD	PT-6A*	GYP BD	PT-6A	
A110	ASSESSMENT CENTER	CPT-2C/CPT-2D	VB-1	GYP BD	PT-6B	GYP BD	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A*	
A111	SHARED OFFICE	CPT-2D	VB-1	CBLK/ GYP BD	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	

ROOM FINISH SCHEDULE GENERAL NOTES

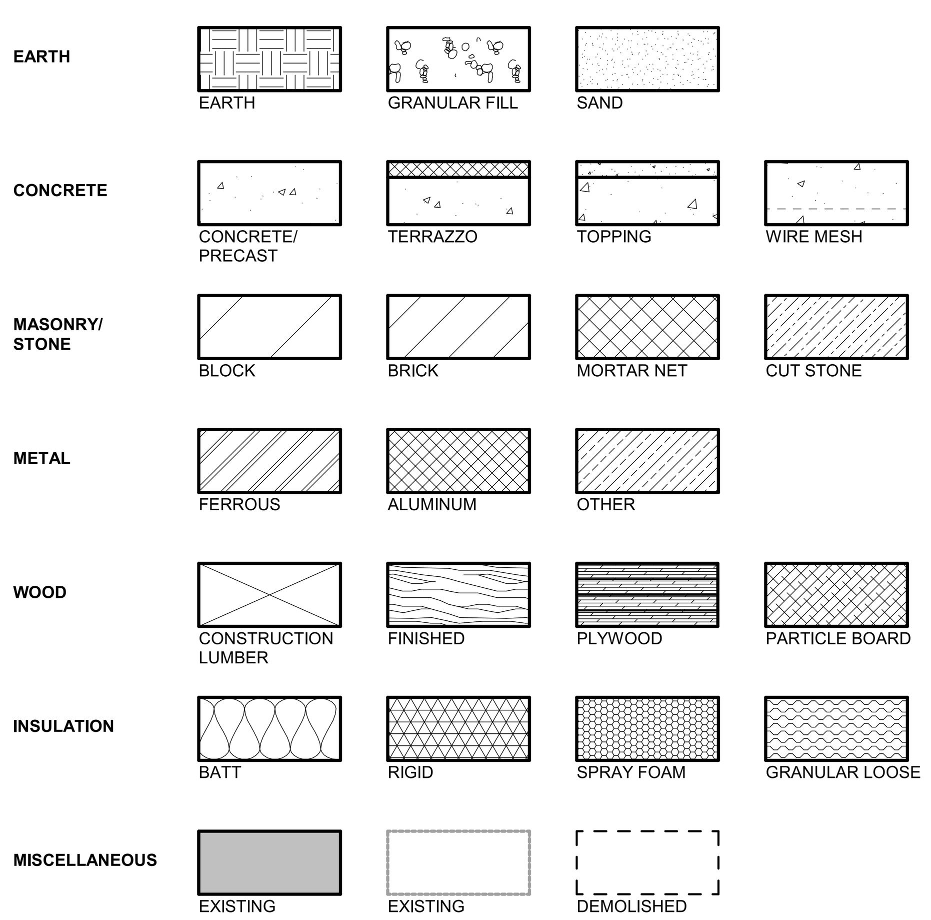
1. SEE DETAILS OF CONSTRUCTION FOR ABBREVIATIONS
2. IF ALL WALLS IN ROOM HAVE THE SAME FINISH, THE "N WALL-TYP" COLUMN WILL BE USED.
3. DISCREPANCIES BETWEEN THE ROOM FINISH SCHEDULE AND DRAWINGS SHALL BE REPORTED TO THE ARCHITECT FOR FINISH DETERMINATION.
4. ON WALLS WHICH ARE COVERED WITH MILLWORK AND TACK SURFACES, A FINISH SHALL NOT BE APPLIED TO THE WALL BEHIND EXCEPT FOR LOCATIONS WHICH MAY BE EXPOSED (I.E. SPACE BETWEEN MILLWORK AND TACK SURFACE.) CONCRETE BLOCK BEHIND MILLWORK AND MARKERBOARDS TO BE TOOLED.
5. REFER TO MATERIAL FINISH/ COLOR SCHEDULE FOR SPECIFIC FINISH TYPES AND COLORS.
6. FOR CEILING MATERIAL WHEN MORE THAN ONE CEILING MATERIAL OCCURS THE CEILING FINISH IS INDICATED THUS: "/".
7. SEE INTERIOR ELEVATIONS FOR MORE INFORMATION. ROOM FINISH SCHEDULE DOES NOT SHOW COMPLETE LIST OF WALL FINISH MATERIALS.
8. SEE FLOOR FINISH PLAN FOR MORE INFORMATION. ROOM FINISH SCHEDULE DOES NOT SHOW COMPLETE LIST OF FLOORING MATERIALS IN ROOMS.
9. *DESIGNATES FIELD COLOR THIS WALL. SEE INTERIOR ELEVATIONS AND/OR CASEWORK ELEVATIONS FOR MORE INFORMATION.

ROOM FINISH SCHEDULE REMARKS

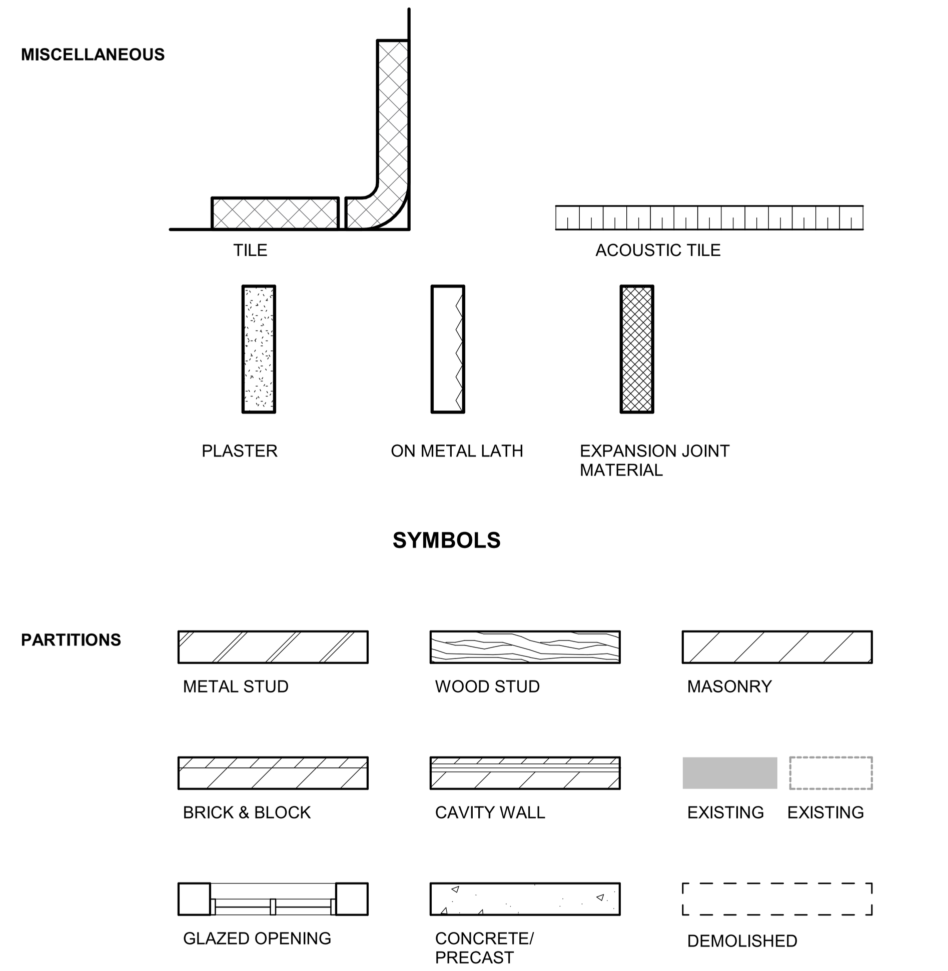
1. EP-1 FULL HEIGHT ON WALLS AT SHOWER.
2. SEE DIVISION 27 AND SYSTEMS DRAWINGS/ DETAILS FOR PLYWOOD LOCATIONS AND SPECIFICATIONS AT TECHNOLOGY ROOMS.
3. SEE SHEET A4.12 TYPICAL LAYOUT OF BEDROOMS.
4. CONTINUOUS DETENTION SEALANT AT JOINT BETWEEN CONCRETE FLOOR AND CMU WALL TYPICAL - COLOR TO MATCH POLISHED CONCRETE FINISH.
5. AT WET WALL FULL HEIGHT TILE TO WRAP ALL WING WALLS AND ENTIRE WET WALL(S) AT SHOWER(S).
6. PROVIDE EPOXY PAINT ALL WALLS WHERE PAINT IS SCHEDULED THIS ROOM.
7. PROVIDE FRP-1 WAINSCOT TO ALL WALLS ABOVE MOP SINK THIS ROOM. TOP OF WAINSCOT ELEVATION 4'-0".
8. SEAL CONC AT UPPER LEVEL OF STAIR. PROVIDE SCHEDULED FLOOR FINISH AT MAIN LEVEL. (1)

ROOM FINISH SCHEDULE

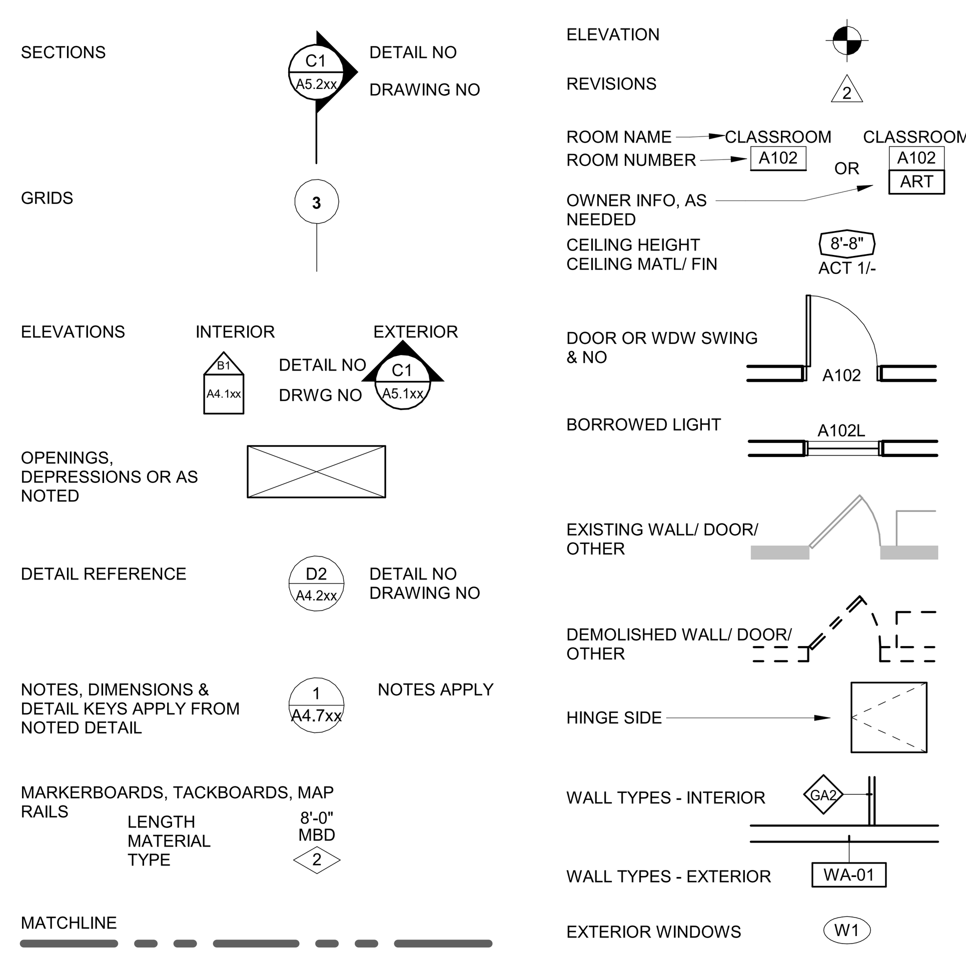
ROOM NO	ROOM NAME	FLOOR	BASE	N WALL - TYP MATL	N WALL - TYP FIN	E WALL MATL	E WALL FIN	S WALL MATL	S WALL FIN	W WALL MATL	W WALL FIN	REMARKS
B100	INTERLOCK	LVT-2/LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B100A	INTERLOCK	LVT-2/LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B101	FAMILY VISIT	CPT-2D	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6C	CBLK	PT-6A	
B102	FAMILY VISIT	CPT-2B	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6E	CBLK	PT-6A	
B103	MASTER CONTROL	LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B104	TOILET	C.TILE-1	C.TILE-1	CBLK	P.TILE-2	CBLK	P.TILE-1/PT-6A	CBLK	P.TILE-1/PT-6A	CBLK	P.TILE-1/PT-6A	
B105	FSS STOR	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	2, 4
B106	INTAKE/ PROCESSING	CPT-1	VB-1	CBLK	PT-6A	CBLK	PT-6K	CBLK	PT-6A	CBLK	PT-6A	
B106A	CORR	CPT-1	VB-1	--	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B107	PROPERTY STOR	PLSD CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B108	DRESS OUT	EP-1	EP-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	1, 6
B109	STAFF TOILET	C.TILE-1	C.TILE-1	CBLK	P.TILE-1/PT-6A	CBLK	P.TILE-1/PT-6A	CBLK	P.TILE-2	CBLK	P.TILE-1/PT-6A	
B110	CL	CPT-1	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B111	VEST	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
B112	SALLY PORT	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B113	HOLDING	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
B114	HOLDING	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
B115	HOLDING	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
B116	ACCESS	SEAL CONC	--	CBLK	--	CBLK	--	CBLK	--	CBLK	--	
B117	HOLDING	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
B118	INTERVIEW	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
B119	CORR	LVT-2/LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B120	CORR	LVT-2/LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	--	--	CBLK	PT-6A	
B121	LAUNDRY	SEAL CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B122	JAN	SEAL CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	7
B123	SECURE STOR	SEAL CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B124	OBSERVATION DAYROOM	CPT-1/ PLSD CONC	VB-1	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	
B125	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
B126	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
B127	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
B128	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
B129	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
B130	CORR	SEAL CONC	--	CBLK	--	CBLK	--	CBLK	--	CBLK	--	4
B131	WAIT	LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6L	CBLK	PT-6A	
B132	OFFICE	CPT-2B	VB-2	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B133	SUPPLY/ RECORDS	CRF-1	CRF-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
B134	EXAM	CRF-1	CRF-1	CBLK	PT-6A*	CBLK	PT-6A	CBLK	PT-6K	CBLK	PT-6A	
B135	TOILET	EP-1	EP-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	6
C100	INTERLOCK	LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
C101	CORR	CPT-2A	VB-2	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	
C102	LOCKER	LVT-1	VB-2	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	
C103	QUIET	LVT-1	VB-2	CBLK	PT-6A	CBLK	PT-6B	GYP BD	PT-6A	GYP BD	PT-6A	
C104	FITNESS	RAF-1	VB-2	GYP BD	PT-6A	CBLK	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	
C105	WOMEN	C.TILE-1	C.TILE-1	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-2	5
C106	MEN	C.TILE-1	C.TILE-1	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-2	GYP BD	P.TILE-1/PT-6A	GYP BD	P.TILE-1/PT-6A	5
C107	OFFICE	CPT-2B	VB-2	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	
C108	OFFICE	CPT-2B	VB-2	GYP BD	PT-6D	GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	
C109	OFFICE	CPT-2B	VB-2	GYP BD	PT-6D	GYP BD	PT-6A	GYP BD	PT-6A	CBLK	PT-6A	
C110	OFFICE	CPT-2B	VB-2	GYP BD	PT-6D	GYP BD	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
C111	CONF	CPT-2B	VB-2	GYP BD	PT-6A	CBLK/ GYP BD	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	
C112	BREAK	LVT-1	VB-2	GYP BD	PT-6A	CBLK	PT-6A	CBLK/ GYP BD	PT-6B	GYP BD	PT-6A	
C113	VEST	CPT-3	VB-1	GYP BD	PT-6A	CBLK	PT-6A	GYP BD	PT-6A	GYP BD	PT-6A	
C114	SECURITY EQUIP	SEAL CONC	VB-1	CBLK	--	CBLK	--	CBLK	--	CBLK	--	2
D100	CORR	LVT-2/LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A*	CBLK	PT-6A	
D101	KITCHEN	RES-1	RES-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	6
D102	DRY STOR	RES-1	RES-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	6
D103	RECEIVING	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
D104	ELEC	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
D105	MECH	SEAL CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
D106	MAINTENANCE	SEAL CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
D107	MER	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	2, 4
D108	CORR	LVT-2/LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
D109	VIDEO CONF	CPT-2D	VB-1	CBLK	PT-6C	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
D110	LIBRARY	SEAL CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
D111	VIDEO CONF	CPT-2B	VB-2	CBLK	PT-6E	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
D112	REC STOR	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
D113	STAFF TOILET	C.TILE-1	C.TILE-1	CBLK	P.TILE-1/PT-6A	CBLK	P.TILE-2	CBLK	P.TILE-1/PT-6A	CBLK	P.TILE-1/PT-6A	
D114	TOILET	EP-1	EP-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6E	6
D115	CORR	LVT-2/LVT-3	VB-1	CBLK	PT-6A	CBLK	PT-6A*	--	--	CBLK	PT-6A	
D116	INDOOR REC	SEAL CONC	VB-1	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	
D117	OUTDOOR REC	CONC	--	--	--	--	--	--	--	--	--	
D118	VEST	CPT-3 (1)	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
E100	DAYROOM	CPT-1/ PLSD CONC	VB-1	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	
E101	CLASSROOM	CPT-1	VB-1	CBLK	PT-6A	CBLK	PT-6C	CBLK	PT-6A	CBLK	PT-6A	
E102	TELE	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
E103	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
E104	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
E105	JAN	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
E106	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E107	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E108	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E109	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E110	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E111	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E112	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E113	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E114	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
E115	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
EL-1	ELEV	LVT-1	--	CBLK	--	CBLK	--	CBLK	--	CBLK	--	
F100	DAYROOM	CPT-1/ PLSD CONC	VB-1	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	
F101	CLASSROOM	CPT-1	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6K	
F102	TELE	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
F103	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
F104	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
F105	JAN	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
F106	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F107	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F108	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F109	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F110	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F111	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F112	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F113	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F114	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
F115	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G100	DAYROOM	CPT-1/ PLSD CONC	VB-1	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	
G101	CLASSROOM	CPT-1	VB-1	CBLK	PT-6C	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
G102	TELE	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
G103	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
G104	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
G105	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G106	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G107	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G108	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G109	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G110	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G111	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G112	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
G113	JAN	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
H100	DAYROOM	CPT-1/ PLSD CONC	VB-1	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	CBLK	PT-6A*	
H101	CLASSROOM	CPT-1	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6K	CBLK	PT-6A	
H102	TELE	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
H103	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
H104	SHOWER	SES-1	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	CBLK	SES-1	
H105	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H106	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H107	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H108	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H109	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H110	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H111	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H112	BEDROOM	PLSD CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	3, 4, 6
H113	JAN	SEAL CONC	--	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	4
S1	STOR	PLSD CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
S2	STOR	PLSD CONC	VB-1	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	CBLK	PT-6A	
S3A	MAINT CORR	SEAL CONC	--	CBLK	--	CBLK	--	--	--	CBLK	--	4
S3B	MAINT CORR	SEAL CONC	--	CBLK	--	CBLK	--	CBLK	--	CBLK	--	4
S3C	MAINT CORR	SEAL CONC	--	CBLK	--	CBLK	--	--	--	CBLK	--	4
S3D	MAINT CORR	SEAL CONC	--	CBLK	--	--	--	CBLK	--	CBLK	--	4
S3E	MAINT CORR	SEAL CONC	--	CBLK	--	CBLK	--	CBLK	--	CBLK	--	4
S4A	MAINT CORR	SEAL CONC	--	CBLK	--	--	--	CBLK	--	CBLK	--	4
S4B	MAINT CORR	SEAL CONC	--	CBLK	--	CBLK	--	CBLK	--	CBLK	--	4
S4C	MAINT CORR	SEAL CONC	--	CBLK	--	--	--	CBLK	--	CBLK	--	4
S4D	MAINT CORR	SEAL CONC	--	CBLK	--	CBLK	--	CBLK	--	CBLK	--	4
S4E	MAINT CORR	SEAL CONC	--	CBLK	--	--	--	CBLK	--	CBLK	--	4
ST-1A	STAIR	LVT-1	--	CBLK	P.TILE-3/PT-6A*	CBLK	P.TILE-3/PT-6A*	CBLK	P.TILE-3/PT-6A*	CBLK	P.TILE-3/PT-6A*	
ST-2	STAIR	CPT-3 (1)	--	CBLK	P.TILE-3/PT-6A	CBLK	P.TILE-3/PT-6A	CBLK	P.TILE-3/PT-6A	CBLK	P.TILE-3/PT-6A	8 (1)



SYMBOLS



SYMBOLS



SYMBOLS

NON-BEARING WALL LINTEL SCHEDULE						
MASONRY LINTELS			STEEL LINTELS			
CLR MAS OPENING	4'-0" OR LESS	4'-1" TO 8'-0"	CLR MAS OPENING	4'-0" OR LESS	4'-1" TO 8'-0"	8'-1" TO 12'-0"
4" WALL	1-#4 BOTTOM	NA	4" WALL	L3 1/2x3 1/2x5/16	L5x3 1/2x5/16 LLV	NA
6" WALL	1-#4 BOTTOM	1-#5 BOTTOM	6" WALL	2-L2 1/2x 3 1/2x5/16 LLV	2-L5x3x5/16 LLV	W8x15+ 5/16x5 PLATE
8" WALL	2-#4 BOTTOM	2-#5 BOTTOM	8" WALL	2-L3 1/2x3 1/2x5/16	2-L5x3 1/2x5/16 LLV	W8x15+ 5/16x7 PLATE
10" WALL	2-#4 BOTTOM	2-#5 BOTTOM	10" WALL	2-L3 1/2x3 1/2x5/16	2-L5x3 1/2x5/16 LLV	W8x15+ 5/16x9 PLATE
12" WALL	2-#4 BOTTOM	2-#5 BOTTOM	12" WALL	2-L5x3 1/2x5/16 LLV + 5/16x11 PLATE	2-L5x3 1/2x5/16 LLV + 5/16x11 PLATE	W8x15+ 5/16x11 PLATE
16" WALL			16" WALL	W8x10+ 5/16x15 PLATE	W8x10+ 5/16x15 PLATE	W8x15+ 5/16x15 PLATE

UNLESS NOTED OTHERWISE:

1. MASONRY LINTELS MAY BE USED FOR MASONRY WALL OPENINGS UNDER THE FOLLOWING CONDITIONS:
   A. THE HEIGHT OF THE MASONRY ABOVE THE OPENING IS AT LEAST EQUAL TO THE CLEAR WIDTH OF THE OPENING.
   B. THE LENGTH OF THE WALL AND DISTANCE TO THE NEAREST CONTROL JOINT ON EACH SIDE OF THE OPENING IS AT LEAST EQUAL TO THE CLEAR OPENING WIDTH.
2. USE STEEL LINTELS AT NON-BEARING WALL OPENINGS NOT MEETING MASONRY CONDITIONS. STEEL LINTELS BY MISCELLANEOUS METALS.
3. MASONRY LINTELS MAY BE USED FOR ANY LINTEL IN SOLIDLY GROUTED WALLS UP TO 8'-0" SPAN.
4. MASONRY LINTELS ARE 8" TALL LINTEL BLOCK FILLED WITH 3,000 PSI CONCRETE W/4 1/2" MIN FROM TOP OF LINTEL TO REINFORCING.
5 BEAR LINTELS 8" MINIMUM EACH SIDE OF OPENING, THEREFORE CLEAR OPENING PLUS 1'-4".
6. PROVIDE LINTELS FOR ALL OPENINGS NOT TIGHT TO DECK, INCLUDING MECHANICAL AND ELECTRICAL PENETRATIONS THROUGH MASONRY WALLS, INCLUDING DUCT OPENINGS, UNIT VENTILATORS, UNIT HEATERS, LOUVERS.
7. STEEL LINTEL PLATES SHOULD BE CENTERED IN THE WALL. EDGE OF PLATES SHALL BE A MINIMUM 5/16" FROM EACH SIDE.
8. REFER TO STRUCTURAL DRAWINGS FOR MASONRY BEARING WALL LINTELS.
9. WHERE STEEL LINTELS ARE EXPOSED, SOAP CONCRETE BLOCK ON EITHER SIDE TO CONCEAL LINTEL IN MASONRY WALLS.

LINTEL SCHEDULE

REGISTERED PROFESSIONAL ARCHITECT
ROGER J. SCHROEPFER
06278
IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ARCHITECT** under the laws of the State of **IOWA**

ROGER SCHROEPFER
License Number: **06278** Date **08/05/22**

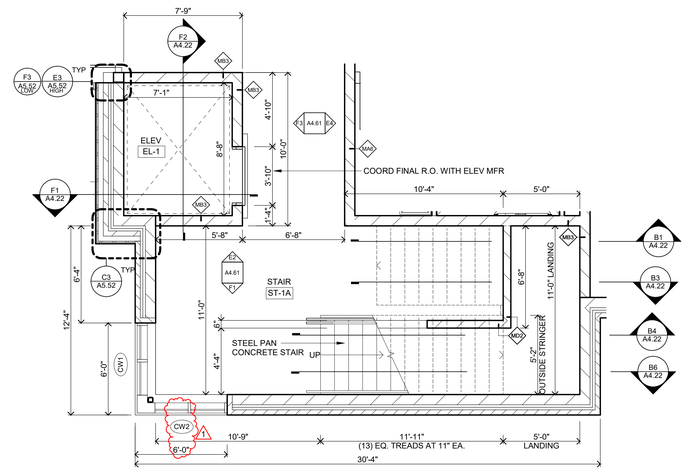
Revisions		
Description	Date	Num
Addendum 1	08/18/22	1

Comm: 213131
Date: 08/05/22
Drawn: MG
Check: KE

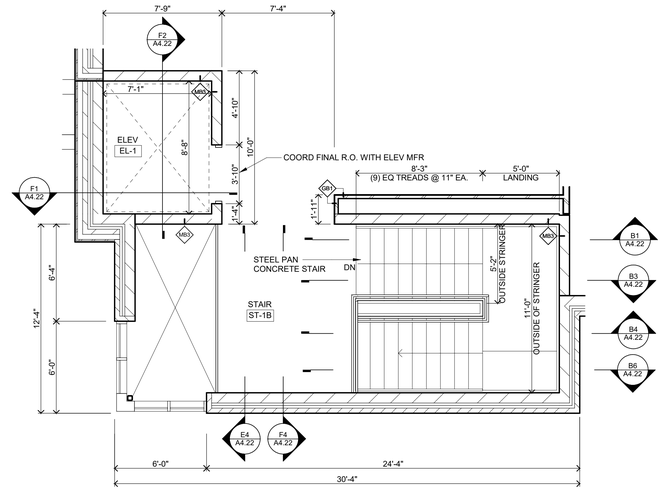
DETAILS - GENERAL - SYMBOLS, ABBREVIATIONS, & SCHEDULES

Scale: As indicated

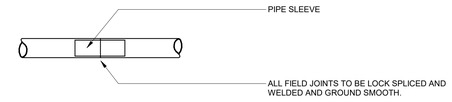
A4.10



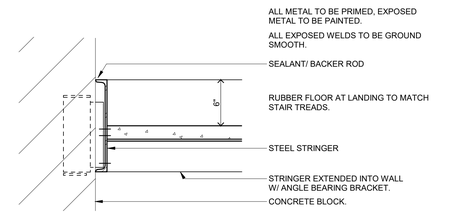
C1 ENLARGED STAIR MAIN LEVEL - STAIR 1
1/4" = 1'-0"



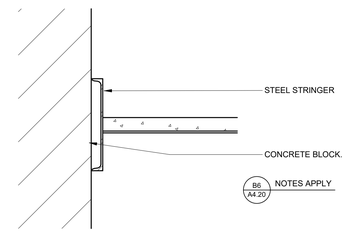
C3 ENLARGED STAIR UPPER LEVEL - STAIR 1
1/4" = 1'-0"



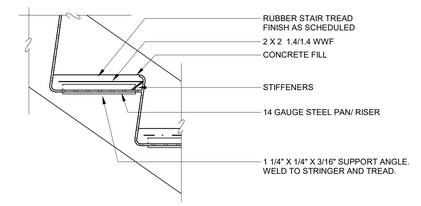
A6 TYP HANDRAIL JOINT
1 1/2" = 1'-0"



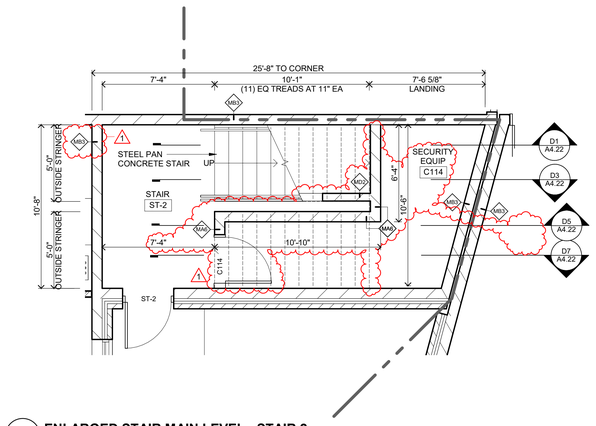
B6 LANDING AT WALL
1 1/2" = 1'-0"



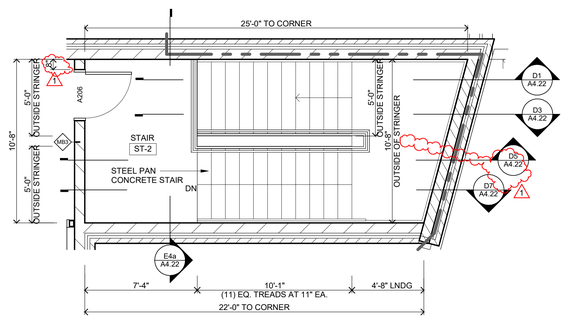
C6 TREAD AT WALL
1 1/2" = 1'-0"



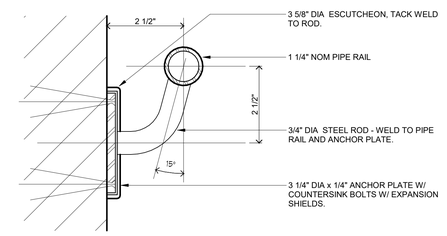
D6 SECTION AT STAIR PAN
1 1/2" = 1'-0"



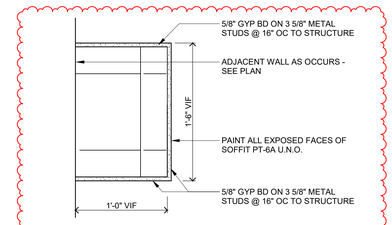
D1 ENLARGED STAIR MAIN LEVEL - STAIR 2
1/4" = 1'-0"



D3 ENLARGED STAIR UPPER LEVEL - STAIR 2
1/4" = 1'-0"



E6 SECTION AT BRACKET
6" = 1'-0"



F6 SECTION AT SOFFIT
1 1/2" = 1'-0"

NEW YOUTH JUSTICE & REHABILITATION CENTER

4715 TREMONT AVENUE
DAVENPORT, IOWA 52807

SCOTT COUNTY
600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

WOLD ARCHITECTS AND ENGINEERS
220 North Smith Street, Suite 310
Palatine, Illinois 60067

woldac.com | 847 241 6100

REGISTERED PROFESSIONAL ARCHITECT
ROGER J. SCHROEPFER
06278
IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ARCHITECT** under the laws of the State of **IOWA**

ROGER SCHROEPFER
License Number: **06278** Date **08/05/22**

Revisions		
Description	Date	Num
Addendum 1	**08/18/22**	**1**

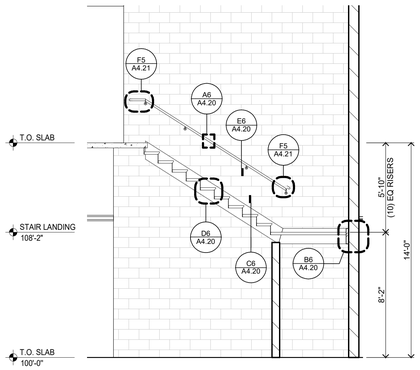
Comm: **213131**
Date: **08/05/22**
Drawn: **MM**
Check: **KE**

North

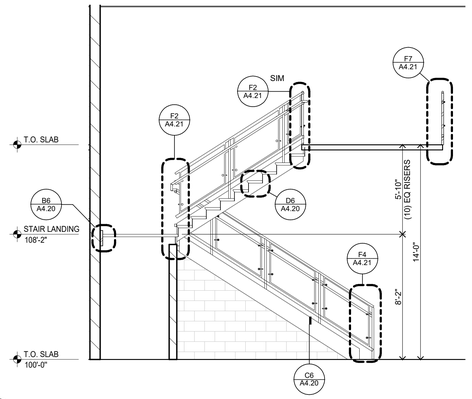
DETAILS - VERTICAL CIRCULATION

Scale: **As indicated**

A4.20



B1 STAIR 1 SECTION
1/4" = 1'-0"



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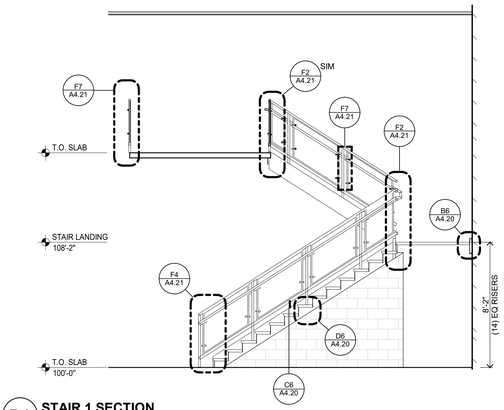

B4 STAIR 1 SECTION
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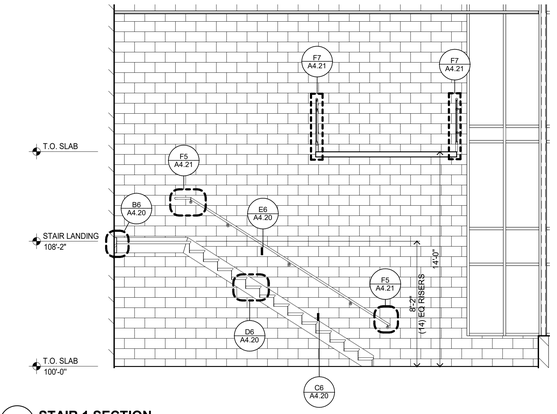
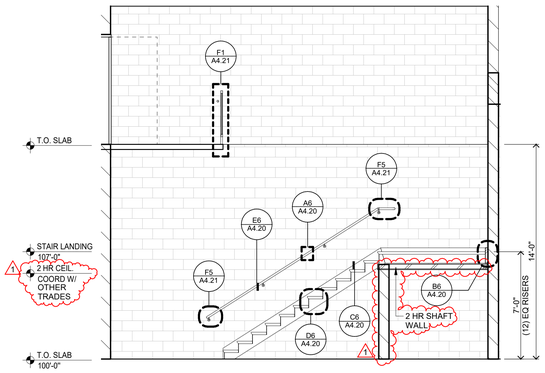
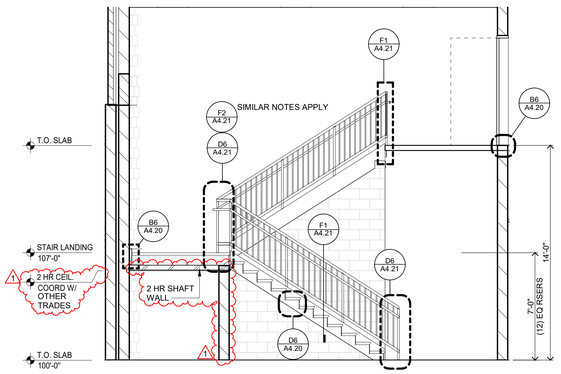


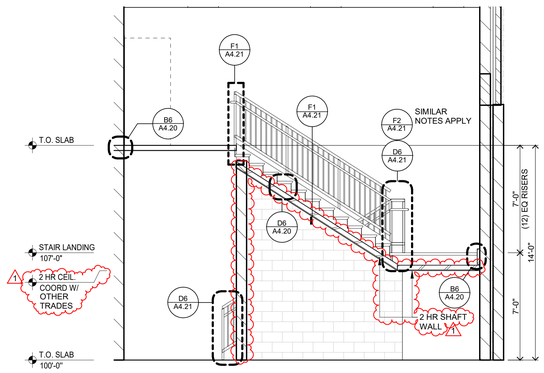
B6 STAIR 1 SECTION
1/4" = 1'-0"



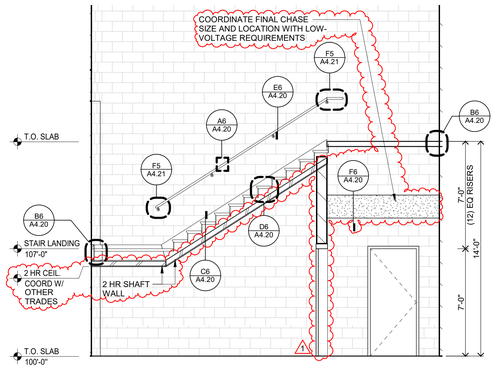
D1 STAIR 2 SECTION
1/4" = 1'-0"



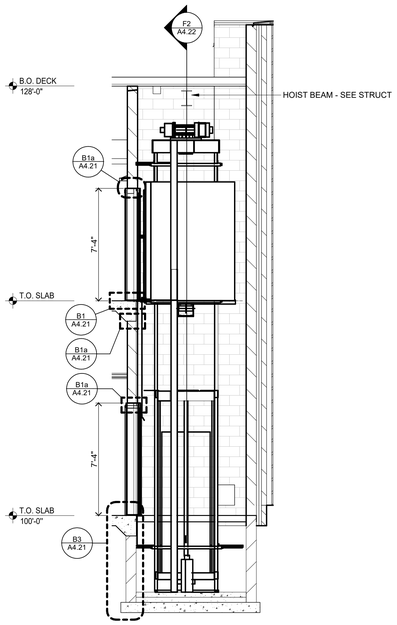
D3 STAIR 2 SECTION
1/4" = 1'-0"



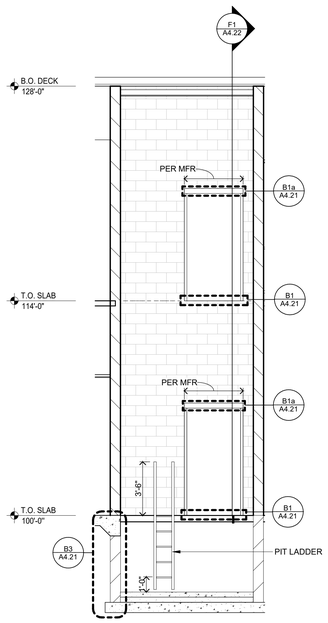
D5 STAIR 2 SECTION
1/4" = 1'-0"



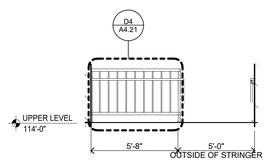
D7 STAIR 2 SECTION
1/4" = 1'-0"



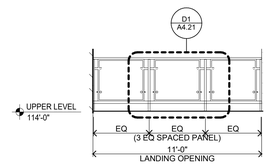
F1 ELEVATOR SECTION
1/4" = 1'-0"



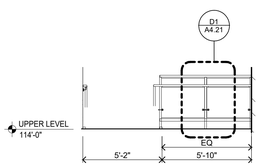
F2 ELEVATOR SECTION
1/4" = 1'-0"



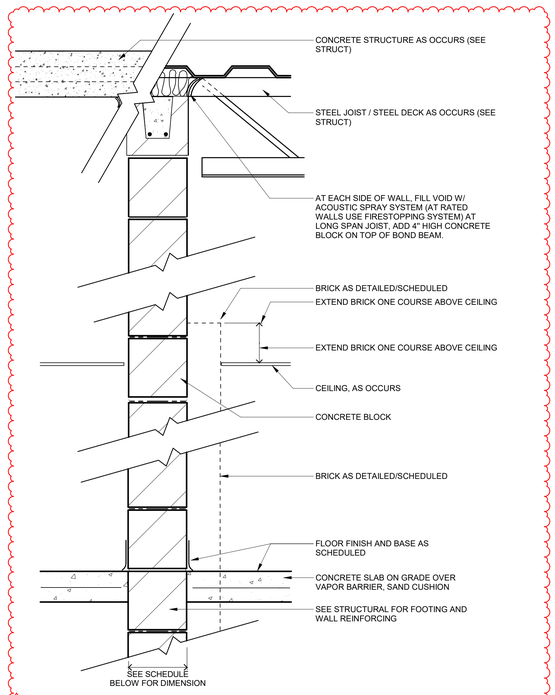
E4a STAIR 2 SECTION
1/4" = 1'-0"



E4 STAIR 1 SECTION
1/4" = 1'-0"



F4 STAIR 1 SECTION
1/4" = 1'-0"



WALL TYPE MB
1 1/2" = 1'-0"

TYPE	BLOCK SIZE	INSULATION	MIN STC	NOTES
MB3	8"	NONE	48	

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REGISTERED PROFESSIONAL ARCHITECT
ROGER J. SCHROEPFER
06278
IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **ARCHITECT** under the laws of the State of **IOWA**

ROGER SCHROEPFER
License Number: **06278** Date **08/05/22**

Revisions

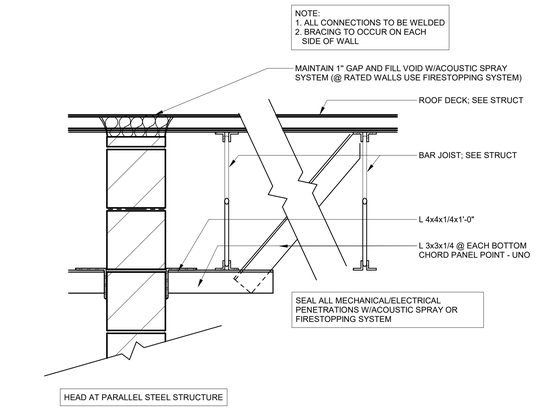
Description	Date	Num
Addendum 1	**08/18/22**	**1**

Comm: **213131**
Date: **08/05/22**
Drawn: **MM**
Check: **KE**

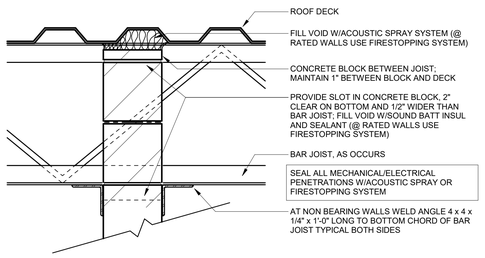
DETAILS - VERTICAL CIRCULATION SECTIONS

Scale: **As indicated**

A4.22

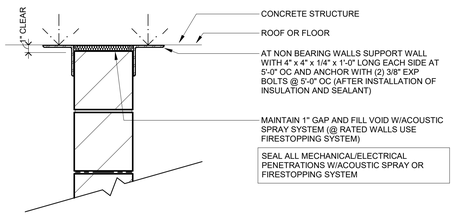


HEAD AT PARALLEL STEEL STRUCTURE

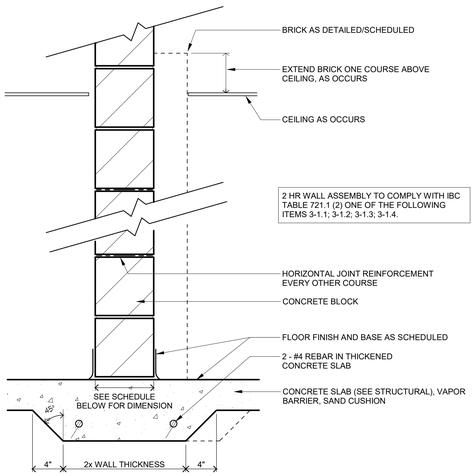


HEAD AT PERPENDICULAR STEEL STRUCTURE

HEAD AT PERPENDICULAR STEEL STRUCTURE

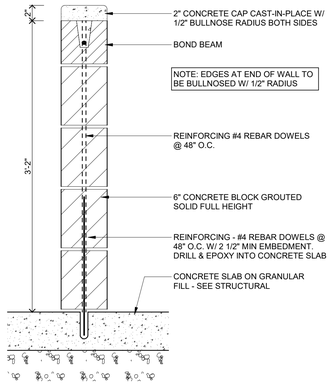


HEAD AT CONCRETE STRUCTURE

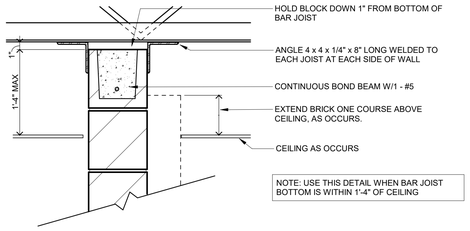


WALL TYPE MA
1 1/2" = 1'-0"

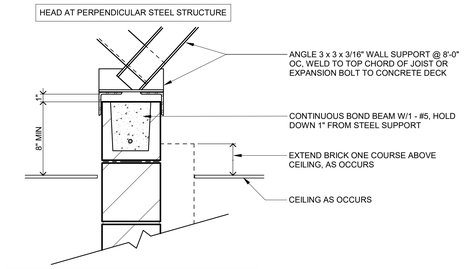
TYPE	BLOCK SIZE	INSULATION	MIN STC	NOTES
MA6	8"	MASONRY CORE	53	



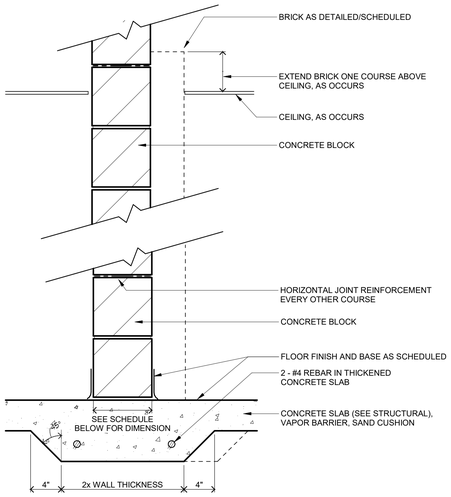
WALL TYPE ME6
1 1/2" = 1'-0"



HEAD AT PERPENDICULAR STEEL STRUCTURE

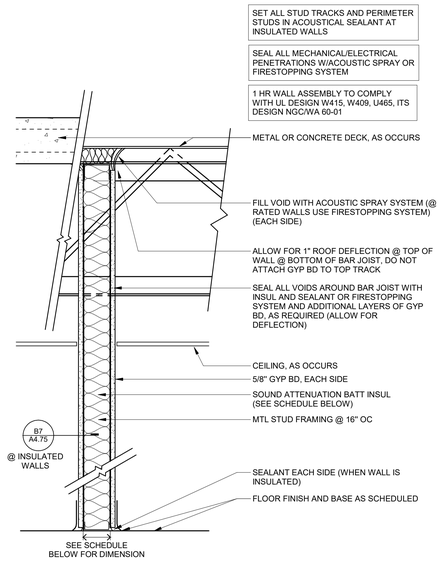


HEAD AT PARALLEL STEEL STRUCTURE OR CONCRETE DECK



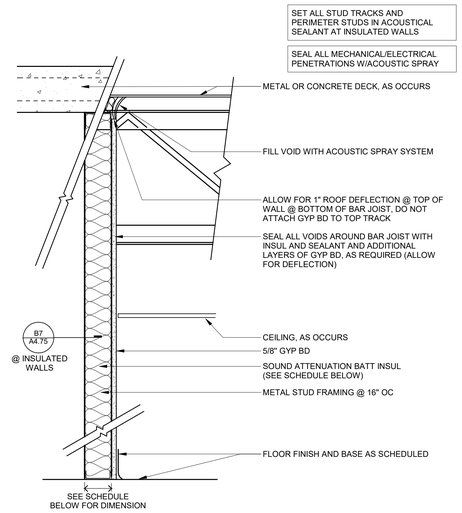
WALL TYPE MD
1 1/2" = 1'-0"

TYPE	BLOCK SIZE	INSULATION	MIN STC	NOTES
MD1	4"	NONE		
MD2	6"	NONE		
MD3	8"	NONE		



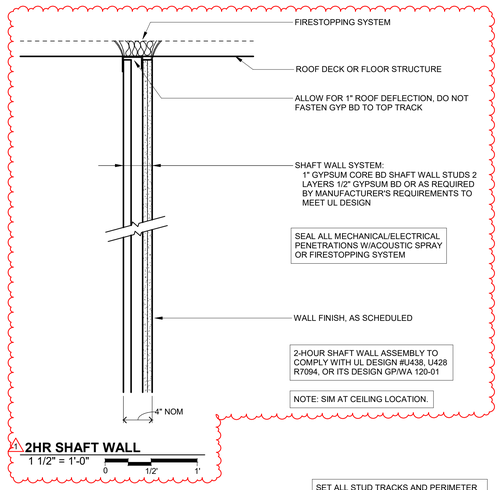
WALL TYPE GA
1 1/2" = 1'-0"

TYPE	STUD SIZE	INSULATION	MIN STC	NOTES
GA5	2 1/2"	SOUND BATT	45	
GA6	3 5/8"	SOUND BATT	48	
GA7	6"	SOUND BATT	48	

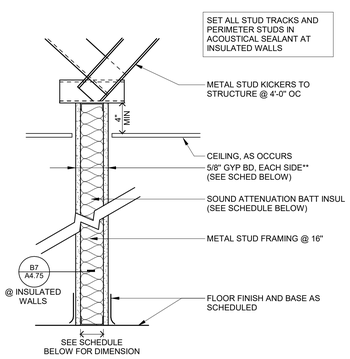


WALL TYPE GB
1 1/2" = 1'-0"

TYPE	STUD SIZE	INSULATION	MIN STC	NOTES
GB1	2 1/2"	NONE		
GB2	3 5/8"	NONE		
GB7	6"	SOUND BATT	N/A	



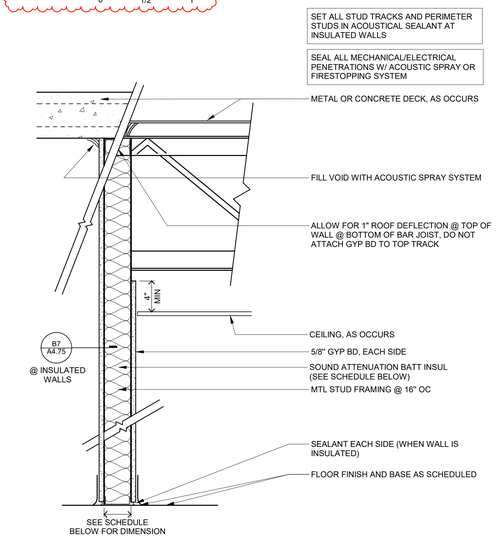
2HR SHAFT WALL
1 1/2" = 1'-0"



D5 SECTION AT PONY WALL
1 1/2" = 1'-0"

WALL TYPE GD
1 1/2" = 1'-0"

TYPE	STUD SIZE	INSULATION	MIN STC	NOTES
GD1	2 1/2"	NONE		GYP BD ONE SIDE
GD5	2 1/2"	SOUND BATT	45	
GD6	3 5/8"	SOUND BATT	48	



WALL TYPE GP
1 1/2" = 1'-0"

TYPE	STUD SIZE	INSULATION	MIN STC	NOTES

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ROGER SCHROEPFER
License Number: **06278** Date: **08/05/22**

Revisions

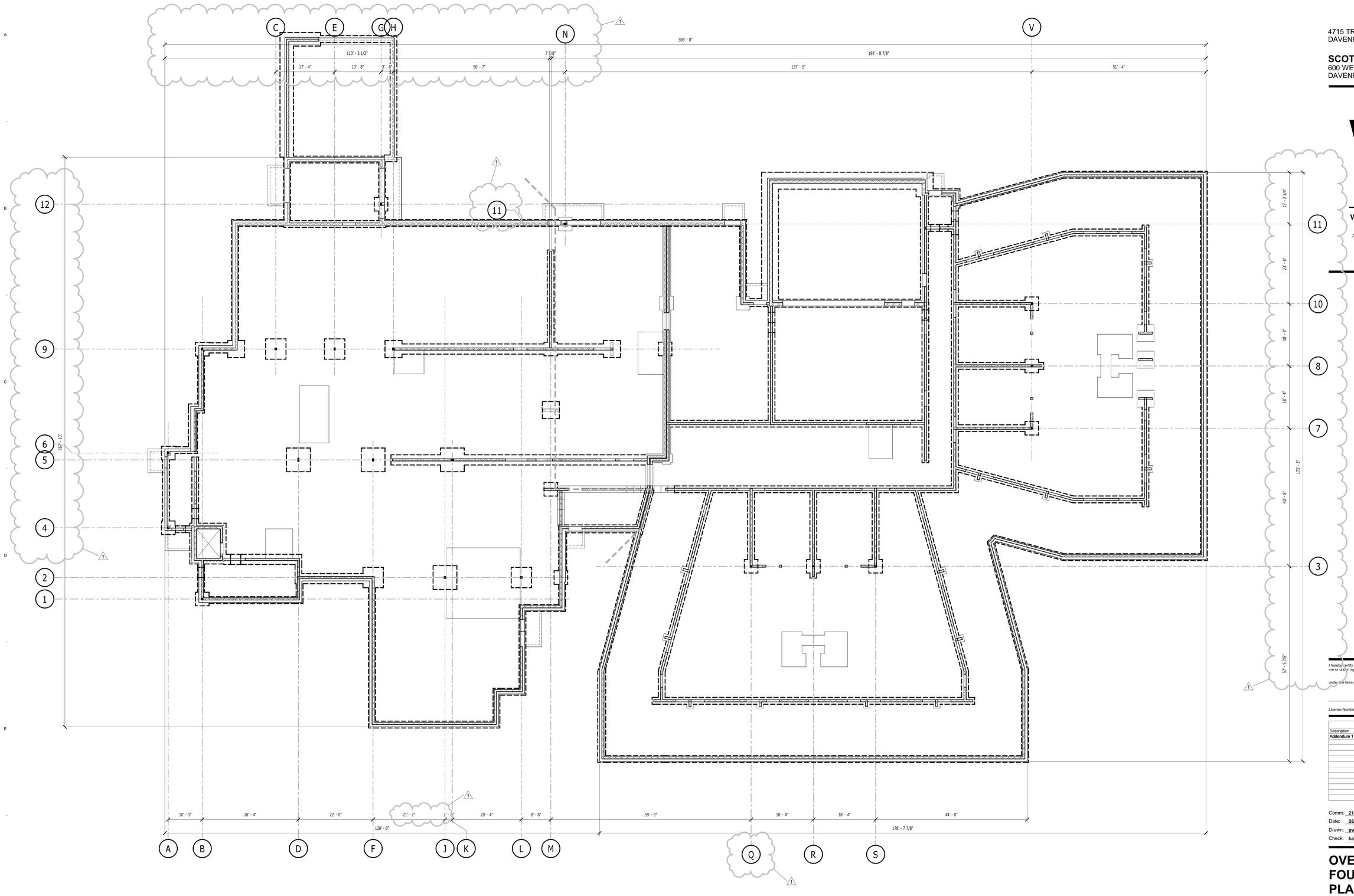
Description	Date	Num
Addendum 1	**08/18/22**	**1**

Comm: **213131**
Date: **08/05/22**
Drawn: **MG**
Check: **KE**
North

DETAILS - INTERIOR WALL TYPES

Scale: **1 1/2" = 1'-0"**

A4.70



IL

A

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License Number: 22111 Date 08/05/22

Revisions		
Description	Date	Num
Addendum 1	**8.18.22**	**1**

Comm: **213131**
Date: **08/05/22**
Drawn: **pw**
Check: **ka**

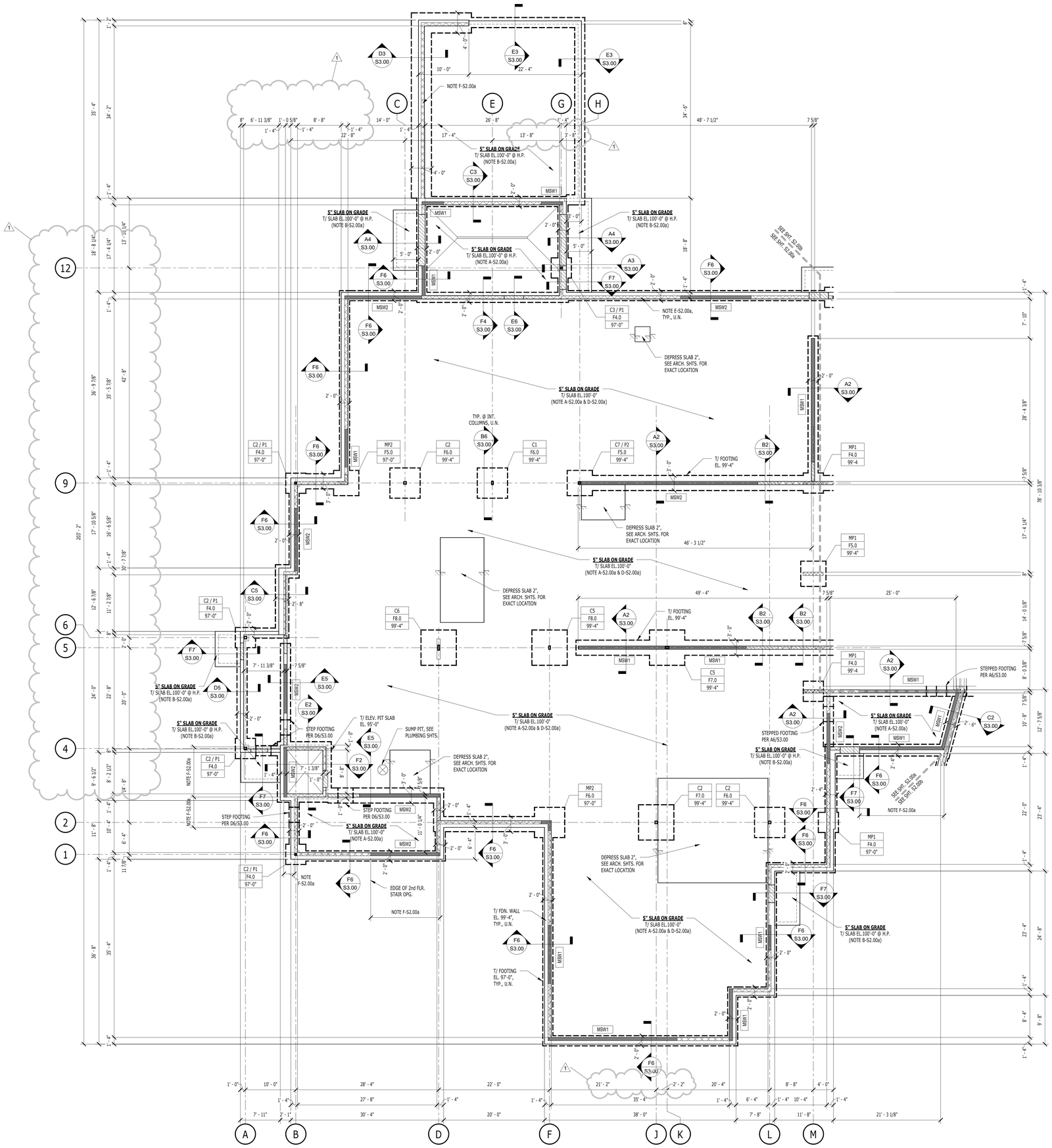
North

OVERALL FOUNDATION PLAN

Scale: **3/32" = 1'-0"**

S2.00

F7 **OVERALL FOUNDATION PLAN**
3/32" = 1'-0"



DRAWING S2.00a GENERAL NOTES:

C7 / P?	- INDICATES COLUMN MARK / PIER MARK; SEE B5 & D7/S0.11
F?	- INDICATES FOOTING MARK; SEE E7/S0.11
<0'-4"	- INDICATES TOP OF FOOTING ELEVATION BELOW TOP OF SLAB ELEVATION.

GROUT NON-LOAD BEARING CMU WALL ADJACENT TO ROOMS B106, B107, B109, B118, B117, B116, B115, B114, B113, B111, B108 AND B107 SOLID FULL HIEGHT

DRAWING S2.00a LEGEND:

MP1	INDICATES MASONRY PIER, SEE SCHEDULE ON SHT. S0.11
MSW7	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT. S0.11
	INDICATES TOP OF FOUNDATION WALL TO BE DEPRESSED, SEE SECTION APPLICAPLE SECTION
	INDICATES EXTENT OF SHEAR WALL

DRAWING S2.00a KEYNOTES:

A-S2.00a: PROVIDE 5" SLAB ON GRADE, REINFORCED WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC. PLACE SLAB ON VAPOR BARRIER OVER 6" OF COMPACTED GRANULAR FILL. SLOPE SLAB TO FLOOR DRAINS. SEE ARCHITECTURAL AND PLUMBING SHTS.

B-S2.00a: PROVIDE 5" SLAB ON GRADE, REINFORCED WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC. PLACE SLAB OVER 6" OF COMPACTED GRANULAR FILL. SLOPE SLAB TO DRAIN AWAY FROM BUILDING. SEE ARCHITECTURAL SHTS.

C-S2.00a: PROVIDE 12" ELEVATOR PIT SLAB ON GRADE, REINFORCED WITH #5 @ 12" O.C. EACH WAY, TOP & BOTTOM. PLACE SLAB ON VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL. T/ SLAB TO BE 4"-0" BELOW TOP OF SLAB. COORDINATE WITH ELEVATOR MANUFACTURER.

D-S2.00a: PROVIDE 10" THICKENED SLAB UNDER AREA OF NON-LOAD BEARING CMU WALL, SEE C6/S3.00. SEE ARCHITECTURAL SHEETS FOR EXACT LOCATIONS OF CMU WALLS.

E-S2.00a: PROVIDE #6 @ 48" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 2-#6 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

F-S2.00a: PROVIDE #6 @ 16" O.C. - 8" CMU REINFORCING EACH FACE, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

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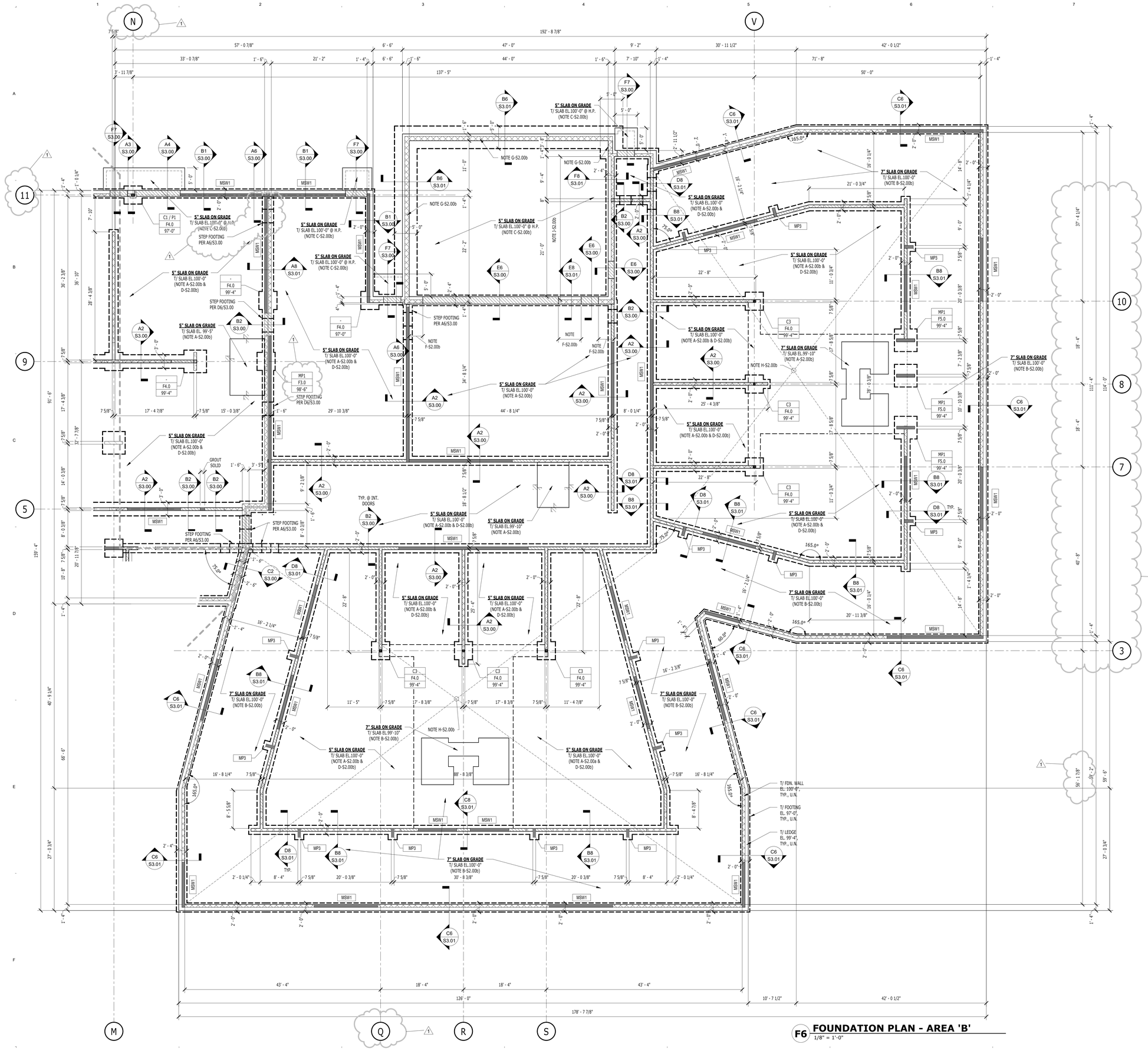
Drawn: pw
Check: ka

North

FOUNDATION PLAN - AREA 'A'

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

S2.00a



F6 **FOUNDATION PLAN - AREA 'B'**
1/8" = 1'-0"

DRAWING S2.00b GENERAL NOTES:

C? / P?	- INDICATES COLUMN MARK / PIER MARK; SEE B5 & D7/S0.11
F?	- INDICATES FOOTING MARK; SEE E7/S0.11
x'-x"	- INDICATES TOP OF FOOTING ELEVATION BELOW TOP OF SLAB ELEVATION.

DRAWING S2.00b LEGEND:

MP1	INDICATES MASONRY PIER, SEE SCHEDULE ON SHT. S0.11
MSW?	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT.
	INDICATES TOP OF FOUNDATION WALL TO BE DEPRESSED, SEE SECTION x/Sx.x
	INDICATES EXTENT OF SHEAR WALL / BRACED BAY

DRAWING S2.00b KEYNOTES:

A-S2.00b: PROVIDE 5" SLAB ON GRADE, REINFORCED WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC. PLACE SLAB ON VAPOR BARRIER OVER 6" OF COMPACTED GRANULAR FILL. SLOPE SLAB TO FLOOR DRAINS. SEE ARCHITECTURAL AND PLUMBING SHTS.

B-S2.00b: PROVIDE 7" SLAB ON GRADE, REINFORCED WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC PLACED MID-DEPTH. PLACE SLAB OVER 6" OF COMPACTED GRANULAR FILL. SLOPE SLAB TO FLOOR DRAINS. SEE ARCHITECTURAL AND PLUMBING SHTS.

C-S2.00b: PROVIDE 5" SLAB ON GRADE, REINFORCED WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC. PLACE SLAB OVER 6" OF COMPACTED GRANULAR FILL. SLOPE SLAB TO DRAIN AWAY FROM BUILDING. SEE ARCHITECTURAL SHTS.

D-S2.00b: PROVIDE 10" THICKENED SLAB UNDER AREA OF NON-LOAD BEARING CMU WALL, SEE X/Sx.x. SEE ARCHITECTURAL SHEETS FOR EXACT LOCATIONS OF CMU WALLS.

E-S2.00b: PROVIDE #6 @ 48" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 2-#6 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. GROUT WALL SOLID WHERE INDICATED.

F-S2.00b: PROVIDE #6 @ 8" O.C. - 12" CMU REINFORCING EACH FACE, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

G-S2.00b: PROVIDE #6 @ 16" O.C. - 12" CMU REINFORCING EACH FACE, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

H-S2.00b: GROUT ALL INTERIOR CMU WALLS SOLID FULL HEIGHT.

J-S2.00b: PROVIDE #6 @ 16" O.C. - 8" CMU REINFORCING EACH FACE, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

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Addendum 1	8.18.22	1

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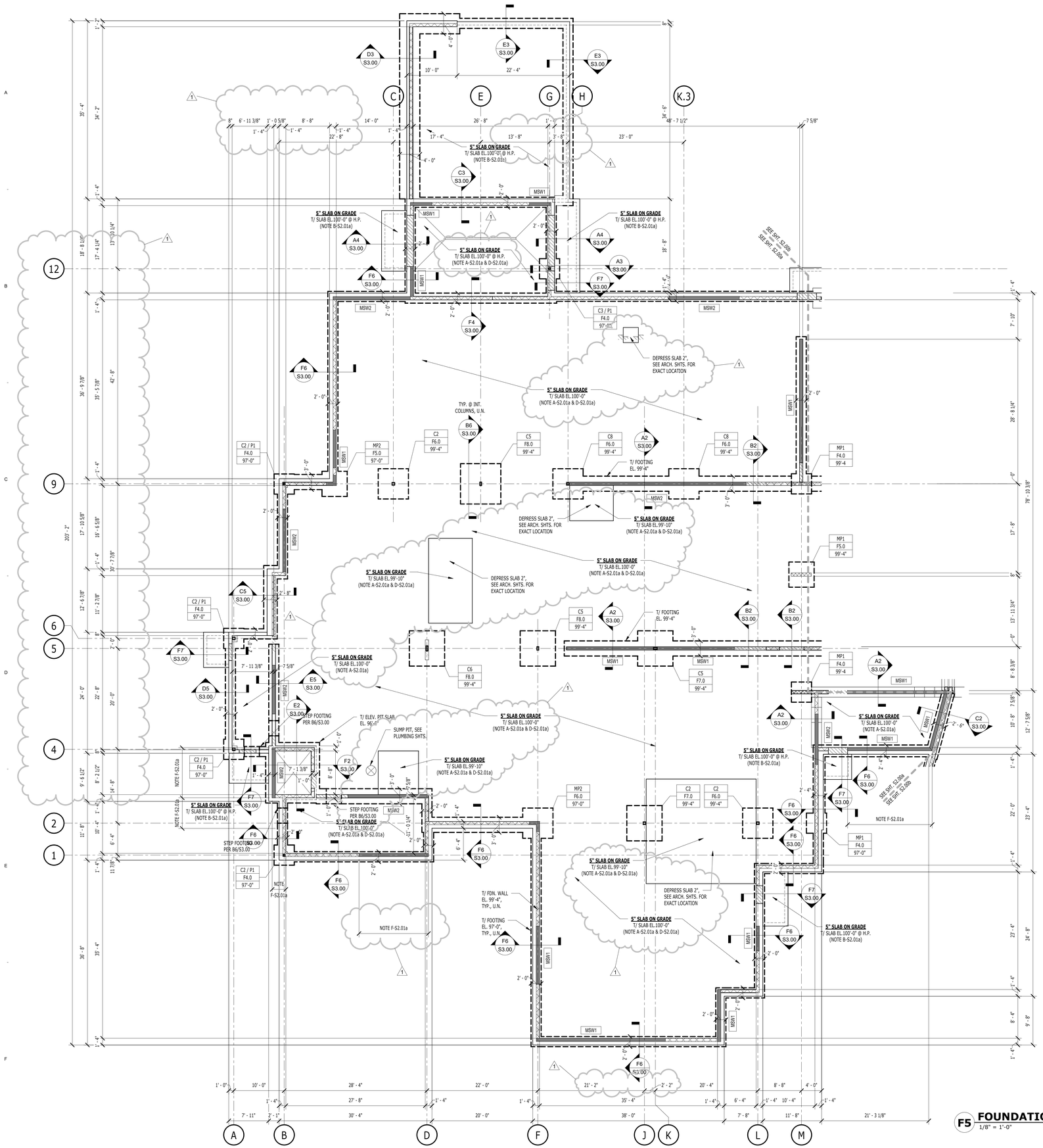
Date: 08/05/22
Drawn: pw
Check: ka

North

FOUNDATION PLAN - AREA 'B'

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

S2.00b



F5 FOUNDATION PLAN - AREA 'A' ALTERNATE
1/8" = 1'-0"

DRAWING S2.01a GENERAL NOTES:

C? / P?	- INDICATES COLUMN MARK / PIER MARK; SEE B5 & D7/S0.11
F?	- INDICATES FOOTING MARK; SEE E7/S0.11
X'-X"	- INDICATES TOP OF FOOTING ELEVATION BELOW TOP OF SLAB ELEVATION.

1 GROUT NON-LOAD BEARING CMU WALL ADJACENT TO ROOMS B106, B107, B109, B118, B117, B116, B115, B114, B113, B111, B108 AND B107 SOLID FULL HIEGHT

DRAWING S2.01a LEGEND:

MP1	INDICATES MASONRY PIER, SEE SCHEDULE ON SHT. S0.11
MSW?	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT.
	INDICATES TOP OF FOUNDATION WALL TO BE DEPRESSED, SEE SECTION x/Sx.x
	INDICATES EXTENT OF SHEAR WALL / BRACED BAY

DRAWING S2.01a KEYNOTES:

A-S2.01a: PROVIDE 5" SLAB ON GRADE, REINFORCED WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC. PLACE SLAB ON VAPOR BARRIER OVER 6" OF COMPACTED GRANULAR FILL. SLOPE SLAB TO FLOOR DRAINS. SEE ARCHITECTURAL AND PLUMBING SHTS.

B-S2.01a: PROVIDE 5" SLAB ON GRADE, REINFORCED WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC. PLACE SLAB OVER 6" OF COMPACTED GRANULAR FILL. SLOPE SLAB TO DRAIN AWAY FROM BUILDING. SEE ARCHITECTURAL SHTS.

C-S2.01a: PROVIDE 12" ELEVATOR PIT SLAB ON GRADE, REINFORCED WITH #5 @ 12" O.C. EACH WAY, TOP & BOTTOM. PLACE SLAB ON VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL. T/ SLAB TO BE 4'-0" BELOW TOP OF SLAB. COORDINATE WITH ELEVATOR MANUFACTURER.

1 D-S2.01a: PROVIDE 10" THICKENED SLAB UNDER AREA OF NON-LOAD BEARING CMU WALL, SEE C6/S3.00. SEE ARCHITECTURAL SHEETS FOR EXACT LOCATIONS OF CMU WALLS.

E-S2.01a: PROVIDE #5 @ 32" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 1-#5 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

F-S2.01a: PROVIDE #6 @ 16" O.C. - 8" CMU REINFORCING EACH FACE, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

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Revisions

Description	Date	Num
Addendum 1	8.18.22	1

Comm: 213131
Date: 08/05/22
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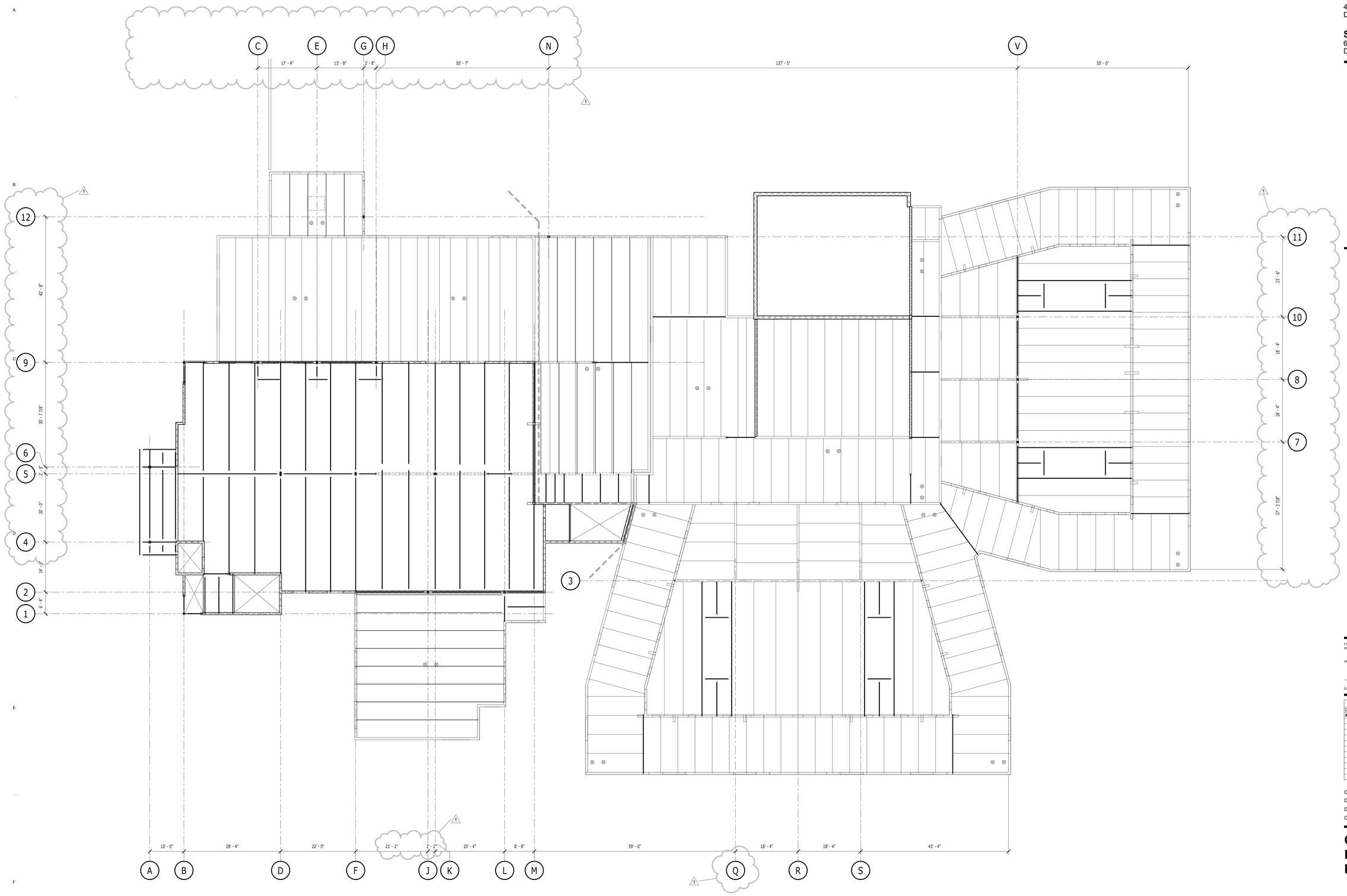
Check: ka

North

FOUNDATION PLAN - AREA 'A' ALTERNATE

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

S2.01a



F6 **OVERALL UPPER LEVEL FLOOR / ROOF FRAMING PLAN**
3/32" = 1'-0"

IL

A

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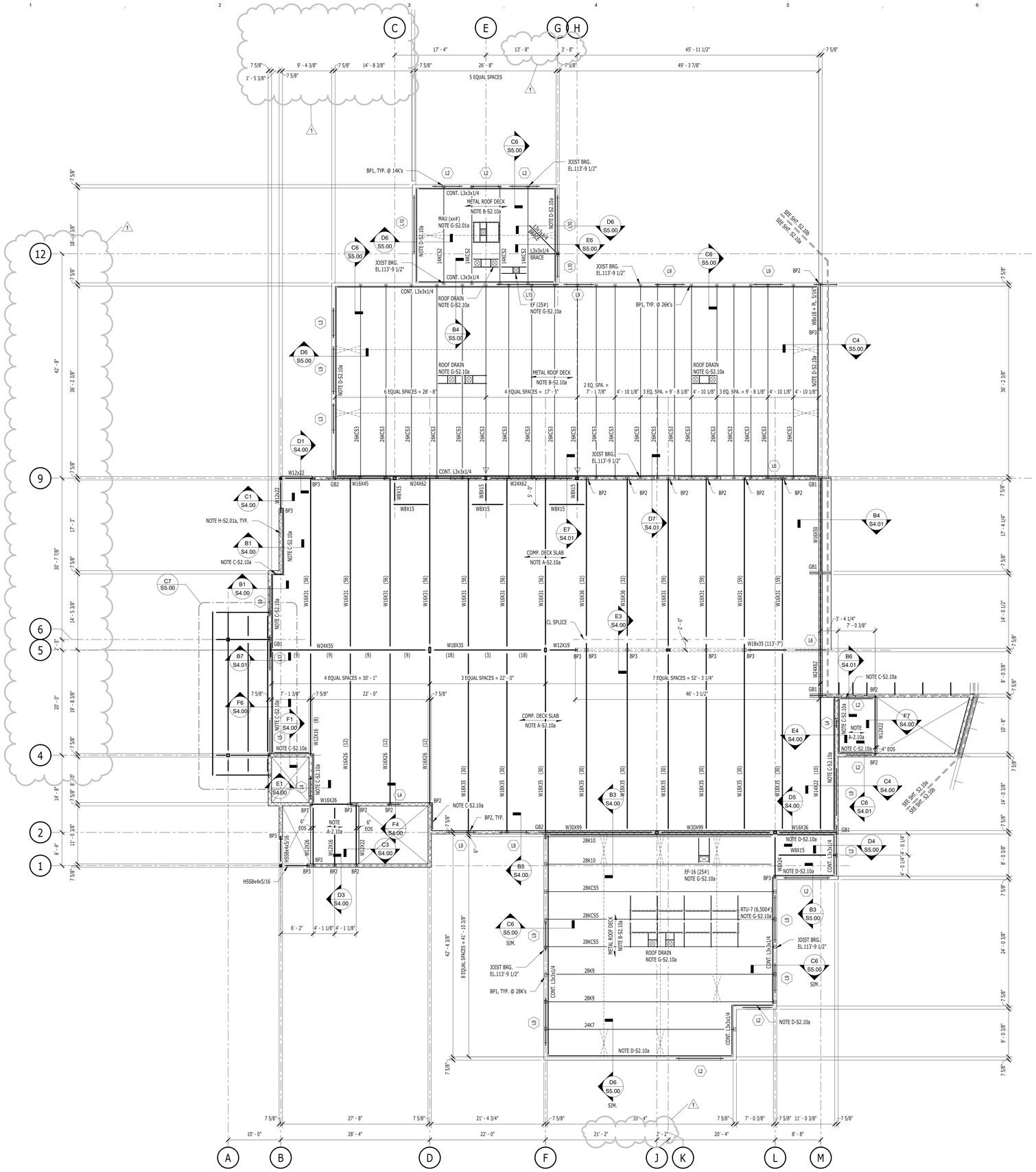
North

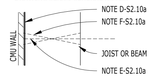
OVERALL UPPER LEVEL / ROOF FRAMING PLAN

Scale: **3/32" = 1'-0"**

S2.10



DRAWING S2.10a GENERAL NOTES:



T/ FLOOR EL. 114'-0"

PROVIDE STABILIZER ANGLE AT TOP OF ALL INTERIOR NON-LOAD BEARING WALLS PER E1 & F1/S5.00

PROVIDE 10" BOND BEAM W/ 2-#5 AT ALL WINDOW SILLS. COORDINATE WITH ARCHITECTURAL SHEETS FOR LOCATIONS AND LENGTHS.

DRAWING S2.10a LEGEND:	
MP?	INDICATES MASONRY PIER, SEE DETAIL ON SHT. S0.11
MSW?	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT. S0.11
	INDICATES EXTENT OF SHEAR WALL / BRACED BAY
BP?	INDICATES BEARING PLATE MARK, SEE SCHEDULE ON SHT. S0.11
GB?	INDICATES GRILLAGE BEAM MARK, SEE SCHEDULE ON SHT. S0.11
L?	INDICATES LINTEL MARK, SEE SCHEDULE ON SHT. S0.11
	INDICATES JOIST BOTTOM CHORD EXTENSION
	INDICATES MOMENT CONNECTION. CONNECTION SHALL BE DESIGNED BY STEEL FABRICATOR FOR FULL CAPACITY OF SECTION.

DRAWING S2.10a KEYNOTES:

A-S2.10a: PROVIDE 5" NORMAL WEIGHT COMPOSITE DECK SLAB. PLACE SLAB ON 2" - 18 GAUGE GALV. COMPOSITE METAL DECK. REINFORCE SLAB WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC AT MID-DEPTH. SHORE DECK PER MANUFACTURERS REQUIREMENTS.

B-S2.10a: PROVIDE 1 1/2" - 22 GAUGE GALVANIZED METAL ROOF DECK, TYPE B (WIDE RIB). DECK SHALL BE CONTINUOUS OVER THREE SUPPORTS MINIMUM. PER SDI DIAPHRAGM MANUAL,WELD WITH 5/8" DIA. PUDDLE WELDS IN 36/5 PATTERN & PROVIDE 2-#10 STITCH CONNECTOR BETWEEN SUPPORTS.

C-S2.10a: PROVIDE CONTINUOUS L5x3x3/8 (LLD) W/ 3/4"ø HOOKED ANCHOR BOLTS @ 16" O.C. OR 3/4"ø EXPANSION ANCHORS @ 12" O.C.

D-S2.10a: PROVIDE CONTINUOUS L5x3x5/16 (LLD) W/ 3/4"ø HOOKED ANCHOR BOLTS @ 24" O.C. OR 3/4"ø EXPANSION ANCHORS @ 16" O.C.

E-S2.10a: PROVIDE CONTINUOUS HORIZONTAL BRIDGING WITH FULLY WELDED SPLICES. SPACE IN ACCORDANCE WITH SJI REQUIREMENTS; PROVIDE MINIMUM NUMBER OF ROWS AS SHOWN.

F-S2.10a: PROVIDE X-BRIDGING IN ACCORDANCE WITH SJI REQUIREMENTS. PROVIDE X-BRIDGING WHERE SHOWN ON PLAN AS A MINIMUM.

G-S2.10a: PROVIDE ROOF OPENING FRAME PER E7/S5.00. REFER TO MECHANICAL SHEETS FOR SIZE AND LOCATIONS OF ROOF OPENINGS.

H-S2.10a: PROVIDE #6 @ 48" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 2-#6 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

F6 UPPER LEVEL FLOOR / ROOF FRAMING PLAN - AREA 'A'
1/8" = 1'-0"

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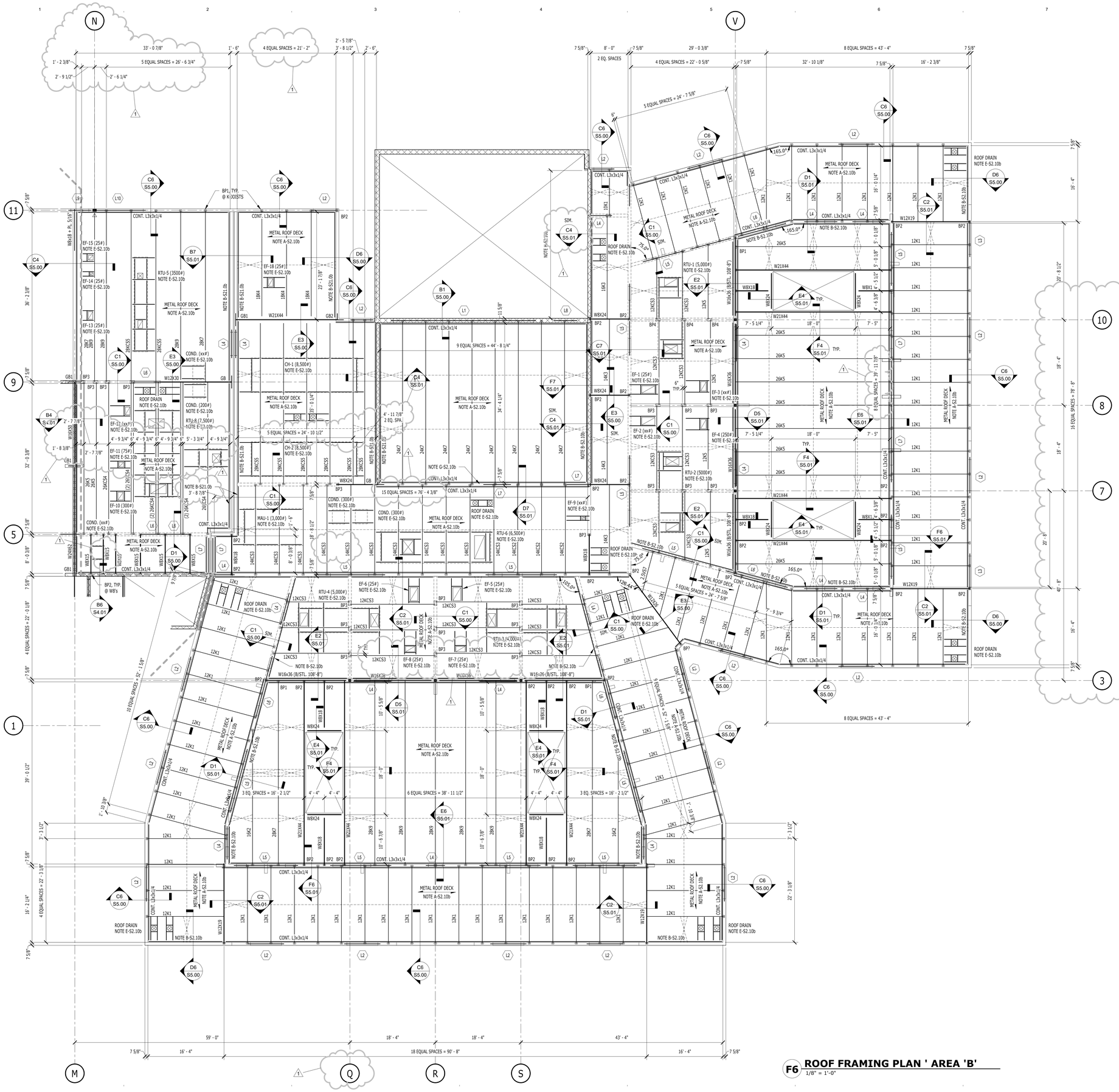
Drawn: **pw**
Check: **ka**

North

UPPER LEVEL / ROOF FRAMING PLAN - AREA 'A'

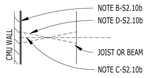
Scale: **1/8" = 1'-0"**

S2.10a



F6 **ROOF FRAMING PLAN ' AREA 'B'**
1/8" = 1'-0"

DRAWING S2.10b GENERAL NOTES:



PROVIDE STABILIZER ANGLE AT TOP OF ALL INTERIOR NON-LOAD BEARING WALLS PER E1 & F1/S5.00

PROVIDE 10" BOND BEAM W/ 2-#5 AT ALL WINDOW SILLS. COORDINATE WITH ARCHITECTURAL SHEETS FOR LOCATIONS AND LENGTHS.

DRAWING S2.10b LEGEND:	
MP?	INDICATES MASONRY PIER, SEE DETAIL ON SHT. S0.11
MSW?	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT. S0.11
	INDICATES EXTENT OF MASONRY SHEAR WALL
BP?	INDICATES BEARING PLATE MARK, SEE SCHEDULE ON SHT. S0.11
GB?	INDICATES GRILLAGE BEAM MARK, SEE SCHEDULE ON SHT. S0.11
L?	INDICATES LINTEL MARK, SEE SCHEDULE ON SHT. S0.11
	INDICATES JOIST BOTTOM CHORD EXTENSION

DRAWING S2.10b KEYNOTES:

A-S2.10b: PROVIDE 1 1/2" - 22 GAUGE GALVANIZED METAL ROOF DECK, TYPE B (WIDE RIB). DECK SHALL BE CONTINUOUS OVER THREE SUPPORTS MINIMUM. PER SDI DIAPHRAGM MANUAL,WELD WITH 5/8" DIA. PUDDLE WELDS IN 36/5 PATTERN & PROVIDE 1-#10 STITCH CONNECTOR BETWEEN SUPPORTS.

B-S2.10b: PROVIDE CONTINUOUS L5x3x5/16 (LLD) W/ 3/4"ø HOOKED ANCHOR BOLTS @ 24" O.C. OR 3/4"ø EXPANSION ANCHORS @ 16" O.C.

C-S2.10b: PROVIDE CONTINUOUS HORIZONTAL BRIDGING WITH FULLY WELDED SPLICES. SPACE IN ACCORDANCE WITH SJI REQUIREMENTS; PROVIDE MINIMUM NUMBER OF ROWS AS SHOWN.

D-S2.10b: PROVIDE X-BRIDGING IN ACCORDANCE WITH SJI REQUIREMENTS. PROVIDE X-BRIDGING WHERE SHOWN ON PLAN AS A MINIMUM.

E-S2.10b: PROVIDE ROOF OPENING FRAME PER E?/S5.00. REFER TO MECHANICAL SHEETS FOR SIZE AND LOCATIONS OF ROOF OPENINGS.

F-S2.10b: PROVIDE #6 @ 48" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 2-#6 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

G-S2.10b: GROUT CMU WALL SOLID AT BASKETBALL GOAL MOUNTING LOCATIONS. SEE ARCHITECTURAL SHEETS.

H-S2.10b: PROVIDE #6 @ 16" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

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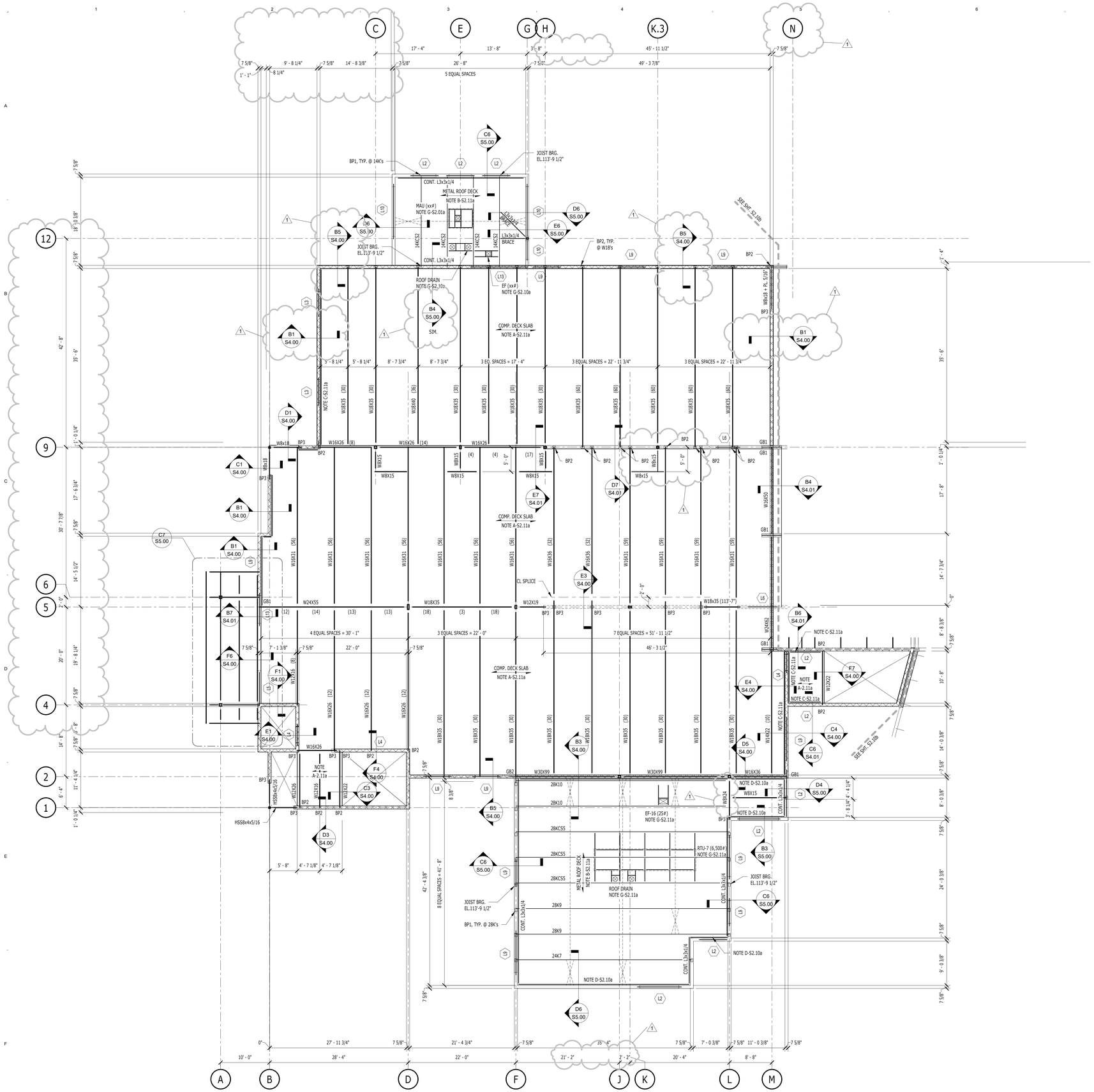
Check: **ka**

North

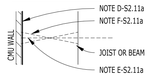
ROOF FRAMING PLAN - AREA 'B'

Scale: **1/8" = 1'-0"**

S2.10b



DRAWING S2.11a GENERAL NOTES:



PROVIDE STABILIZER ANGLE AT TOP OF ALL INTERIOR NON-LOAD BEARING WALLS PER E1 & 1/US5.00

T/ FLOOR EL. 114'-0"

DRAWING S2.11a LEGEND:

MP?	INDICATES MASONRY PIER, SEE DETAIL ON SHT. S0.11
MSW?	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT. S0.11
	INDICATES EXTENT OF SHEAR WALL
BP?	INDICATES BEARING PLATE MARK, SEE SCHEDULE ON SHT. S0.11
GB?	INDICATES GRILLAGE BEAM MARK, SEE SCHEDULE ON SHT. S0.11
L?	INDICATES LINTEL MARK, SEE SCHEDULE ON SHT. S0.11
	INDICATES JOIST BOTTOM CHORD EXTENSION
	INDICATES A FLEXIBLE TYPE 2 MOMENT CONNECTION. CONNECTION SHALL BE DESIGNED BY STEEL FABRICATOR FOR SERVICE MOMENT AS INDICATED ON PLAN.
	INDICATES MOMENT CONNECTION. CONNECTION SHALL BE DESIGNED BY STEEL FABRICATOR FOR FULL CAPACITY OF SECTION.
c =?	INDICATES UPWARD CAMBER REQUIRED

DRAWING S2.11a KEYNOTES:

A-S2.11a: PROVIDE 5" NORMAL WEIGHT COMPOSITE DECK SLAB. PLACE SLAB ON 2" - 18 GAUGE GALV. COMPOSITE METAL DECK. REINFORCE SLAB WITH 6x6-W2.9xW2.9 WELDED WIRE FABRIC AT MID-DEPTH. SHORE DECK PER MANUFACTURERS REQUIREMENTS.

B-S2.11a: PROVIDE 1 1/2" - 22 GAUGE GALVANIZED METAL ROOF DECK, TYPE B (WIDE RIB). DECK SHALL BE CONTINUOUS OVER THREE SUPPORTS MINIMUM. PER SDI DIAPHRAGM MANUAL,WELD WITH 5/8" DIA. PUDDLE WELDS IN 36/5 PATTERN & PROVIDE 1-#10 STITCH CONNECTOR BETWEEN SUPPORTS.

C-S2.11a: PROVIDE CONTINUOUS L5x3x3/8 (LLD) W/ 3/4"ø HOOKED ANCHOR BOLTS @ 16" O.C. OR 3/4"ø EXPANSION ANCHORS @ 12" O.C.

D-S2.11a: PROVIDE CONTINUOUS L5x3x5/16 (LLD) W/ 3/4"ø HOOKED ANCHOR BOLTS @ 16" O.C. OR 3/4"ø EXPANSION ANCHORS @ 12" O.C.

E-S2.11a: PROVIDE CONTINUOUS HORIZONTAL BRIDGING WITH FULLY WELDED SPLICES. SPACE IN ACCORDANCE WITH SJI REQUIREMENTS; PROVIDE MINIMUM NUMBER OF ROWS AS SHOWN.

F-S2.11a: PROVIDE X-BRIDGING IN ACCORDANCE WITH SJI REQUIREMENTS. PROVIDE X-BRIDGING WHERE SHOWN ON PLAN AS A MINIMUM.

G-S2.11a: PROVIDE ROOF OPENING FRAME PER x/Sx.x. REFER TO MECHANICAL SHEETS FOR SIZE AND LOCATIONS OF ROOF OPENINGS.

H-S2.11a: PROVIDE #6 @ 48" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 2-#6 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

F6 UPPER LEVEL FLOOR / ROOF FRAMING PLAN - AREA 'A' - ALTERNATE
1/8" = 1'-0"

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Drawn: **pw**
Check: **ka**

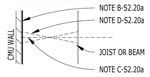
North

UPPER LEVEL FLOOR / ROOF FRAMING PLAN - AREA 'A' ALTERNATE

Scale: **1/8" = 1'-0"**

S2.11a

DRAWING S2.20a GENERAL NOTES:



PROVIDE STABILIZER ANGLE AT TOP OF ALL INTERIOR NON-LOAD BEARING WALLS PER E1 & F1/S5.00

DRAWING S2.20a LEGEND:

MP?	INDICATES MASONRY PIER, SEE DETAIL ON SHT. S0.11
MSW?	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT. S0.11
	INDICATES EXTENT OF SHEAR WALL
BP?	INDICATES BEARING PLATE MARK, SEE SCHEDULE ON SHT. S0.11
GB?	INDICATES GRILLAGE BEAM MARK, SEE SCHEDULE ON SHT. S0.11
L?	INDICATES LINTEL MARK, SEE SCHEDULE ON SHT. S0.11
	INDICATES JOIST BOTTOM CHORD EXTENSION

DRAWING S2.20a KEYNOTES:

A-S2.20a: PROVIDE 1 1/2" - 22 GAUGE GALVANIZED METAL ROOF DECK, TYPE B (WIDE RIB). DECK SHALL BE CONTINUOUS OVER THREE SUPPORTS MINIMUM. PER SDI DIAPHRAGM MANUAL WELD WITH 5/8" DIA. PUDDLE WELDS IN 36/5 PATTERN & PROVIDE 2-#10 STITCH CONNECTOR BETWEEN SUPPORTS.

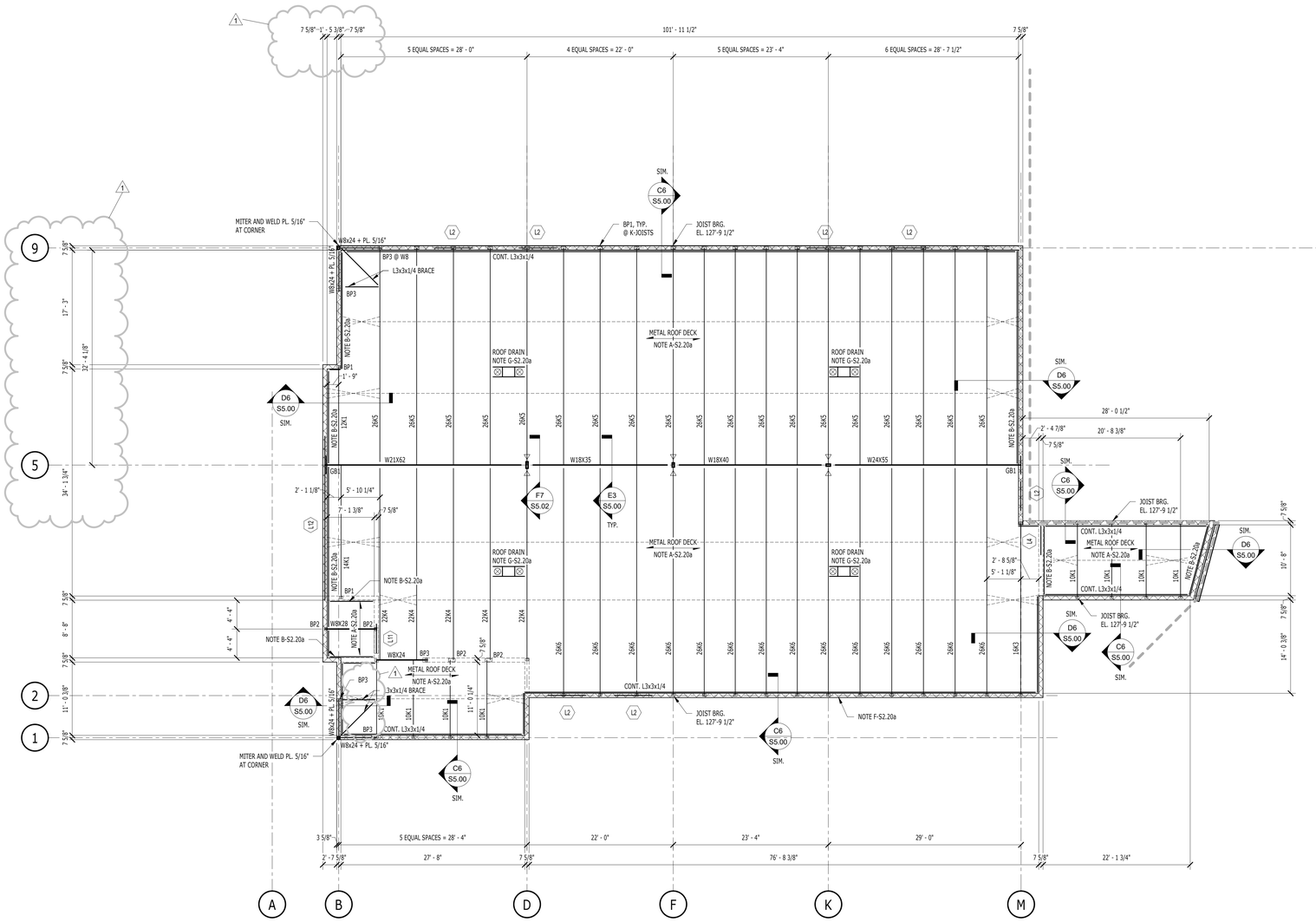
B-S2.20a: PROVIDE CONTINUOUS L5x3x5/16 (LLD) W/ 3/4"ø HOOKED ANCHOR BOLTS @ 24" O.C. OR 3/4"ø EXPANSION ANCHORS @ 16" O.C.

C-S2.20a: PROVIDE CONTINUOUS HORIZONTAL BRIDGING WITH FULLY WELDED SPLICES. SPACE IN ACCORDANCE WITH SJI REQUIREMENTS; PROVIDE MINIMUM NUMBER OF ROWS AS SHOWN.

D-S2.20a: PROVIDE X-BRIDGING IN ACCORDANCE WITH SJI REQUIREMENTS. PROVIDE X-BRIDGING WHERE SHOWN ON PLAN AS A MINIMUM.

E-S2.20a: PROVIDE ROOF OPENING FRAME PER E7/S5.00. REFER TO MECHANICAL SHEETS FOR SIZE AND LOCATIONS OF ROOF OPENINGS.

F-S2.20a: PROVIDE #6 @ 48" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 2-#6 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.



F6 HIGH ROOF FRAMING PLAN - AREA 'A'
1/8" = 1'-0"

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North

HIGH ROOF FRAMING PLAN - AREA 'A'

Scale: **1/8" = 1'-0"**

S2.20a

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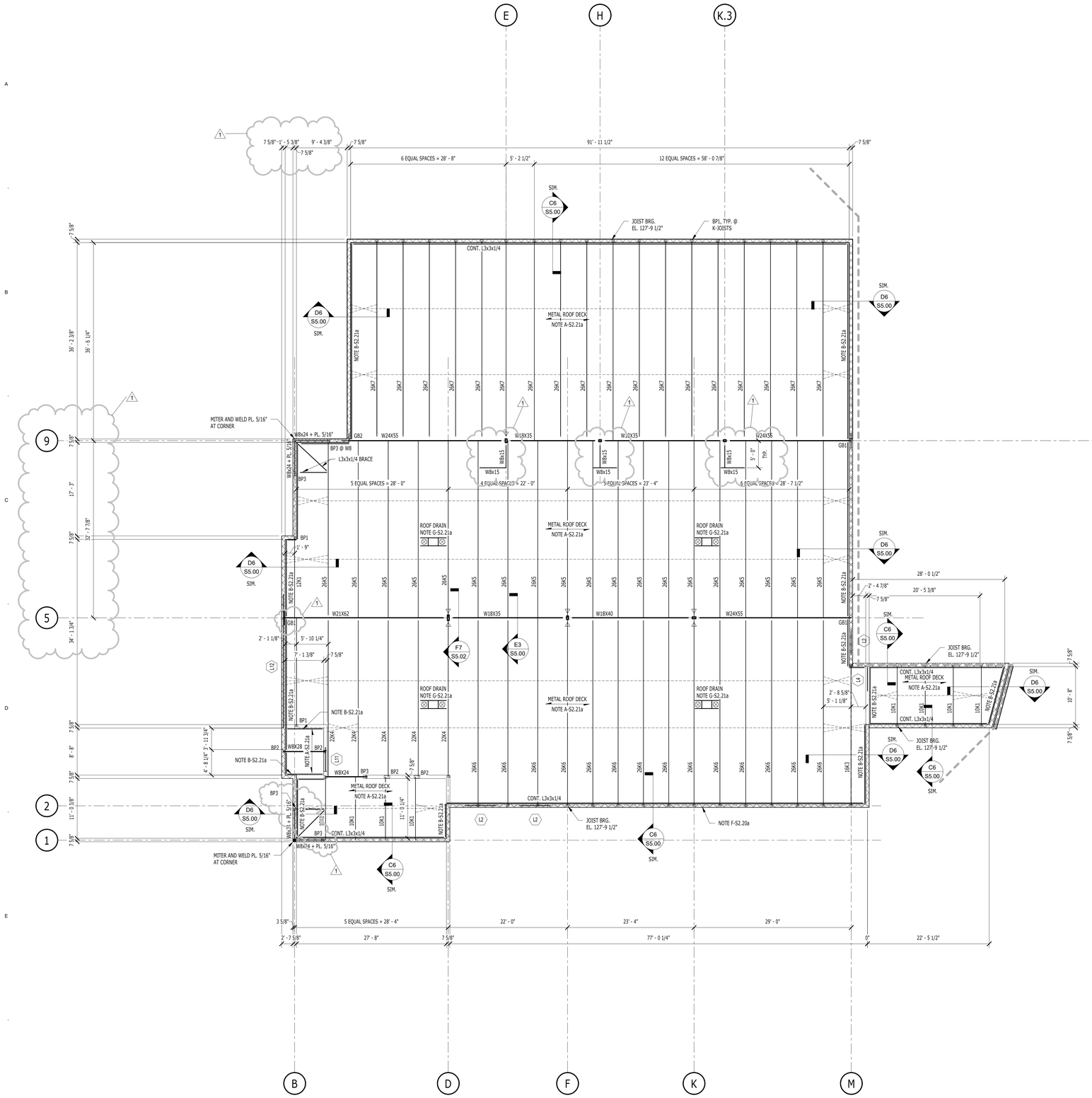
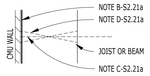


2 HIGH ROOF FRAMING PLAN - AREA 'A' ALTERNATE

1/8" = 1'-0"

DRAWING S2.21a GENERAL NOTES:



PROVIDE STABILIZER ANGLE AT TOP OF ALL INTERIOR NON-LOAD BEARING WALLS PER E1 & F1/S5.00

DRAWING S2.21a LEGEND:

MP?	INDICATES MASONRY PIER, SEE DETAIL ON SHT. S0.11
MSW?	INDICATES CMU SHEAR WALL, SEE SCHEDULE ON SHT. S0.11
	INDICATES EXTENT OF SHEAR WALL
BP?	INDICATES BEARING PLATE MARK, SEE SCHEDULE ON SHT. S0.11
GB?	INDICATES GRILLAGE BEAM MARK, SEE SCHEDULE ON SHT. S0.11
L?	INDICATES LINTEL MARK, SEE SCHEDULE ON SHT. S0.11
	INDICATES JOIST BOTTOM CHORD EXTENSION
	INDICATES A FLEXIBLE TYPE 2 MOMENT CONNECTION. CONNECTION SHALL BE DESIGNED BY STEEL FABRICATOR FOR SERVICE MOMENT AS INDICATED ON PLAN.
	INDICATES MOMENT CONNECTION. CONNECTION SHALL BE DESIGNED BY STEEL FABRICATOR FOR FULL CAPACITY OF SECTION.

DRAWING S2.21a KEYNOTES:

A-S2.21a: PROVIDE 1 1/2" - 22 GAUGE GALVANIZED METAL ROOF DECK, TYPE B (WIDE RIB). DECK SHALL BE CONTINUOUS OVER THREE SUPPORTS MINIMUM. PER SDI DIAPHRAGM MANUAL,WELD WITH 5/8" DIA. PUDDLE WELDS IN 36/5 PATTERN & PROVIDE 1-#10 STITCH CONNECTOR BETWEEN SUPPORTS.

B-S2.21a: PROVIDE CONTINUOUS L5x3x5/16 (LLD) W/ 3/4"ø HOOKED ANCHOR BOLTS @ 16" O.C. OR 3/4"ø EXPANSION ANCHORS @ 12" O.C.

C-S2.21a: PROVIDE CONTINUOUS HORIZONTAL BRIDGING WITH FULLY WELDED SPLICES. SPACE IN ACCORDANCE WITH SJI REQUIREMENTS; PROVIDE MINIMUM NUMBER OF ROWS AS SHOWN.

D-S2.21a: PROVIDE X-BRIDGING IN ACCORDANCE WITH SJI REQUIREMENTS. PROVIDE X-BRIDGING WHERE SHOWN ON PLAN AS A MINIMUM.

E-S2.21a: PROVIDE ROOF OPENING FRAME PER x/Sx.x. REFER TO MECHANICAL SHEETS FOR SIZE AND LOCATIONS OF ROOF OPENINGS.

F-S2.21a: PROVIDE #6 @ 48" O.C. - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS. PROVIDE 2-#6 ADDITIONAL - 8" CMU REINFORCING, FULL HEIGHT OF WALL IN GROUTED CELLS IN ALL CORNERS, ALL EDGES OF OPENINGS, AND AT EACH SIDE OF CONTROL JOINTS. PROVIDE MATCHING DOWELS IN FOUNDATION WALLS.

NEW YOUTH JUSTICE & REHABILITATION CENTER

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SCOTT COUNTY
600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

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220 North Smith Street, Suite 310
Palatine, Illinois 60067

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed

under the laws of the State of

License Number: 22111 Date 08/05/22

Revisions

Description	Date	Num
Addendum 1	**8.18.22**	**1**

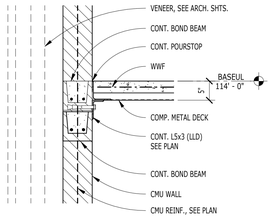
Comm: **213131**
Date: **08/05/22**
Drawn: **pw**
Check: **ka**

North

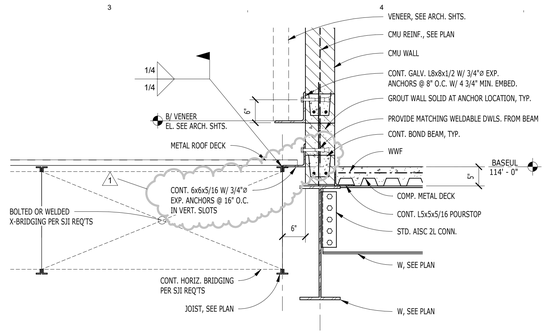
HIGH ROOF FRAMING PLAN - AREA 'A' ALTERNATE

Scale: **1/8" = 1'-0"**

S2.21a



B1 FRAMING SECTION
3/4" = 1'-0"



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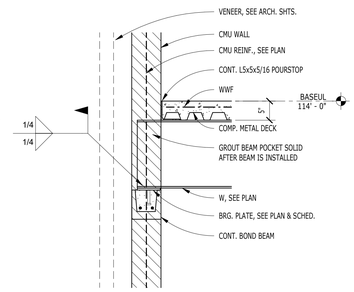

B5 FRAMING SECTION
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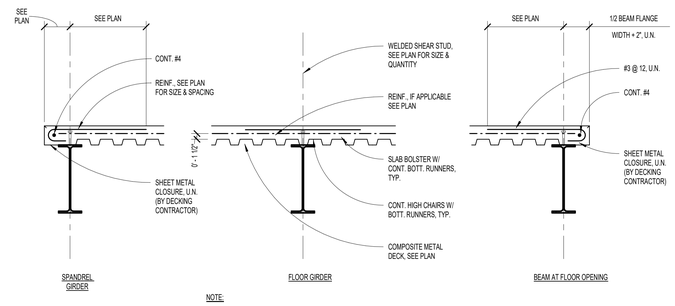
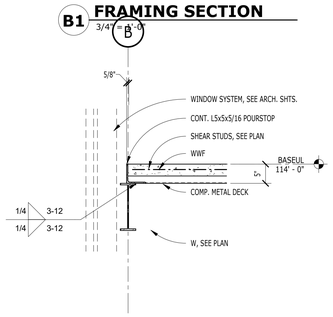


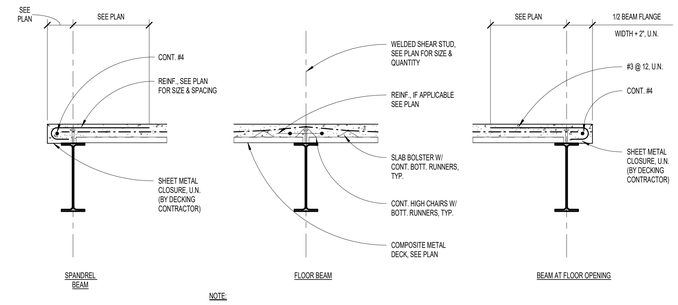
NOTE:

CONSTRUCTION JOINTS SHALL OCCUR ON CENTERLINE OF BEAMS REINFORCING TO PASS THROUGH JOINTS, KEYING OF JOINTS IS NOT REQUIRED.

B7 COMPOSITE GIRDER DETAILS
3/4" = 1'-0"



C1 FRAMING SECTION
3/4" = 1'-0"



NOTE:

CONSTRUCTION JOINTS SHALL OCCUR ON CENTERLINE OF BEAMS REINFORCING TO PASS THROUGH JOINTS, KEYING OF JOINTS IS NOT REQUIRED.

C7 COMPOSITE BEAM DETAILS
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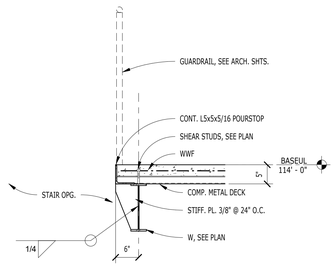

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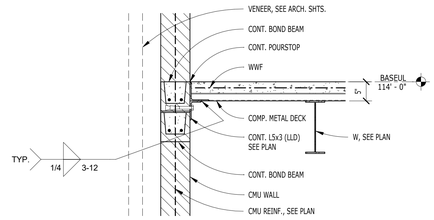

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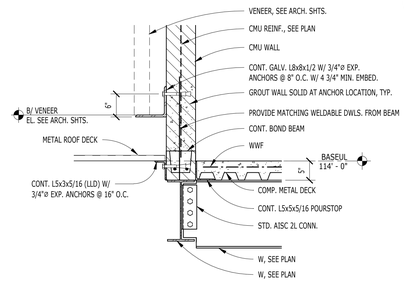

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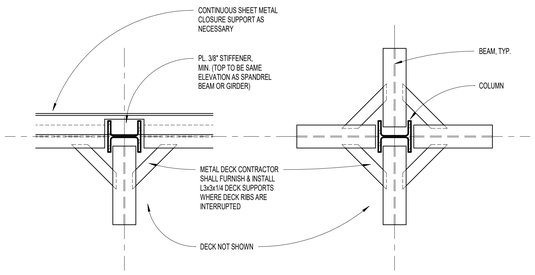

D7 FLOOR DECK EDGE DETAILS
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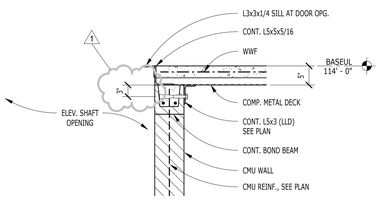

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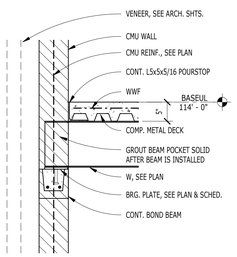

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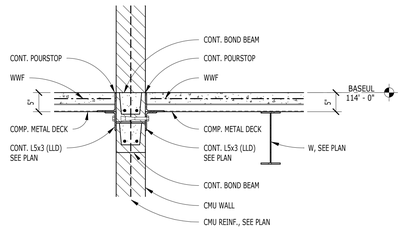

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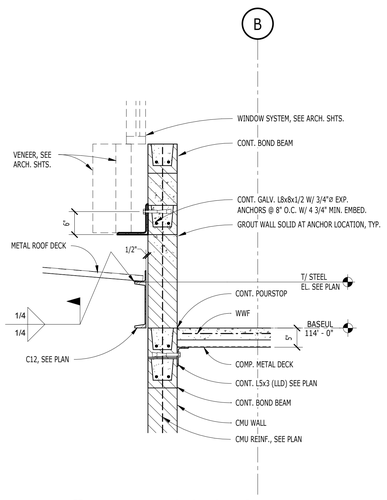

F6 FRAMING SECTION
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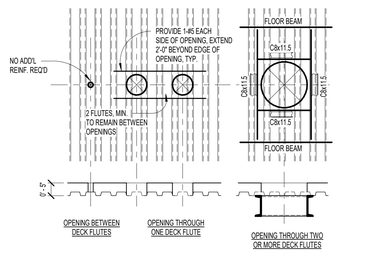
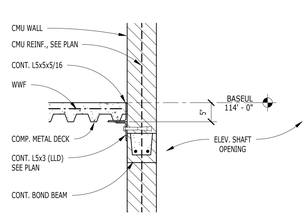
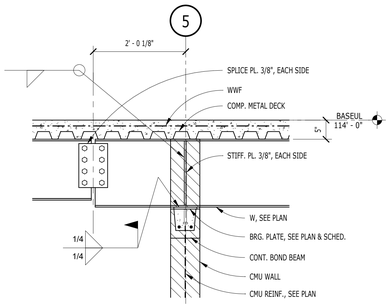


E7 COMPOSITE OPENING DETAILS
1/2" = 1'-0"



F1 FRAMING SECTION
3/4" = 1'-0"



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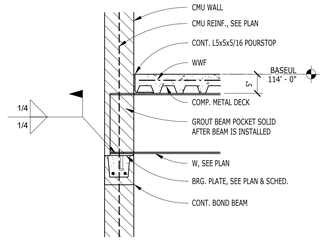

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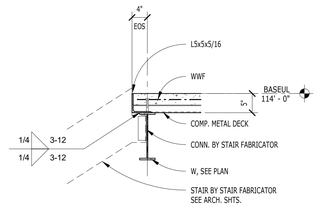

F7 FRAMING SECTION
3/4" = 1'-0"

IL

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Wold

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I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed

under the laws of the State of

License Number: 22111 Date 08/05/22

Revisions		
Description	Date	Num
Addendum 1	**8.18.22**	**1**

Comm: **213131**
Date: **08/05/22**
Drawn: **pw**
Check: **ka**

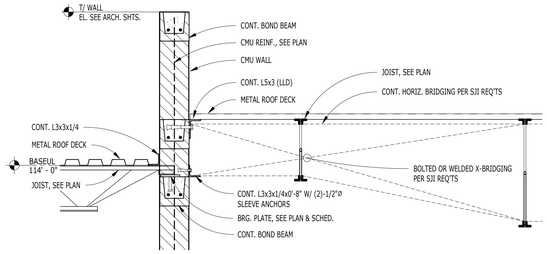
North

FLOOR FRAMING DETAILS AND SECTIONS

Scale: **As Indicated**

S4.00

2022 Wold Architects and Engineers, 213131 Scott County, Youth Services, 600 W. 4th Street, Davenport, IowaWed, Aug 17, 2022 8:36:36 AM



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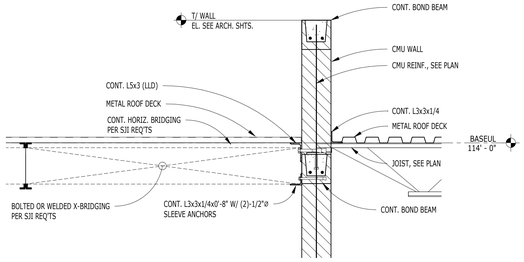
3/4" = 1'-0"



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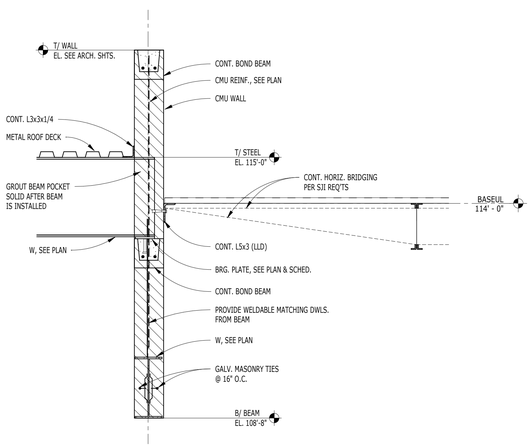
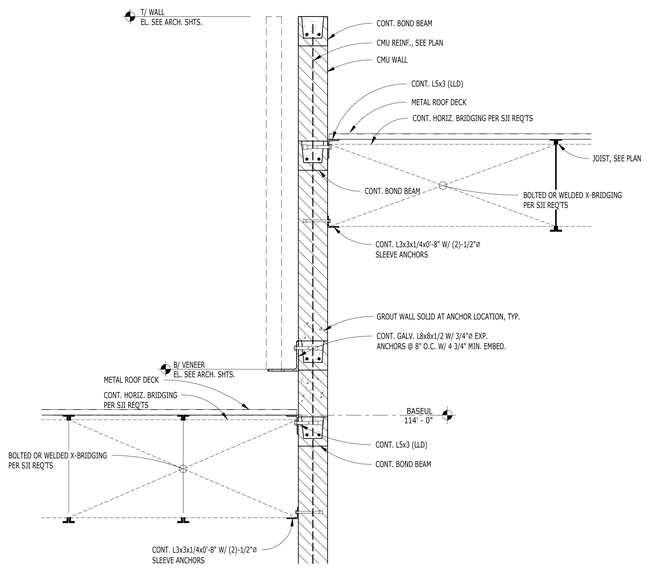


E2 FRAMING SECTION
3/4" = 1'-0"



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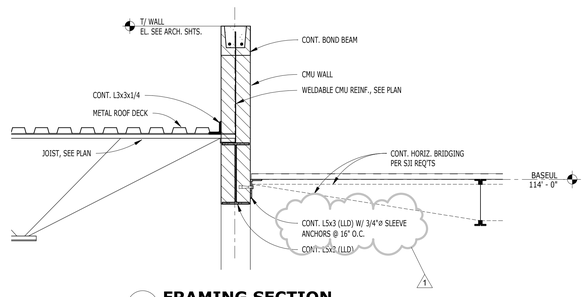

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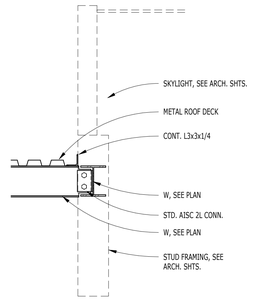

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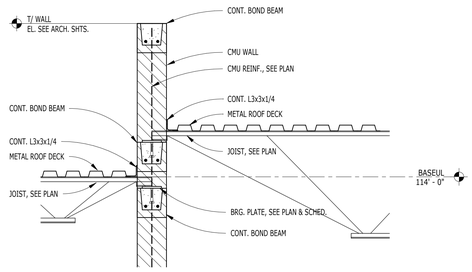

E6 FRAMING SECTION
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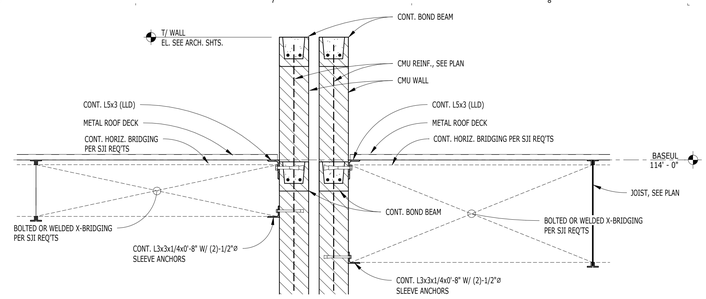

B7 FRAMING SECTION
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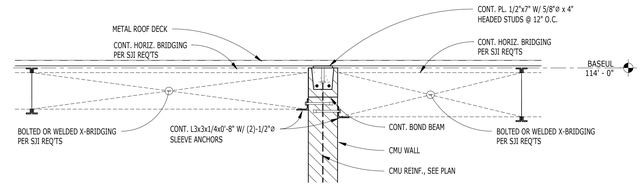

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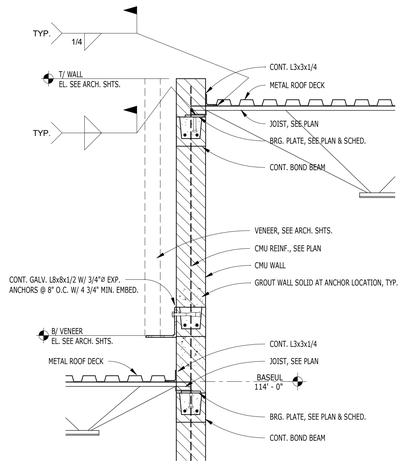

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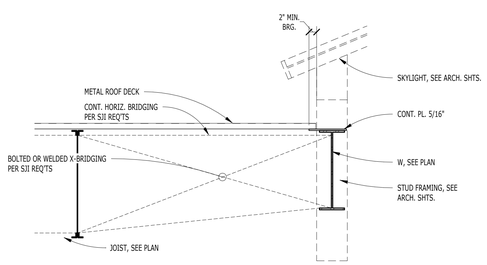

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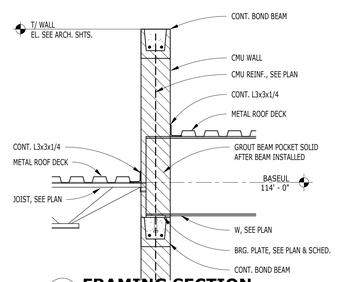

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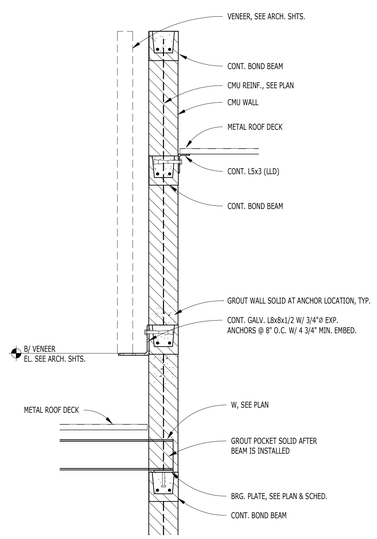

F7 FRAMING SECTION
3/4" = 1'-0"

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License Number: 22111 Date 08/05/22

Revisions

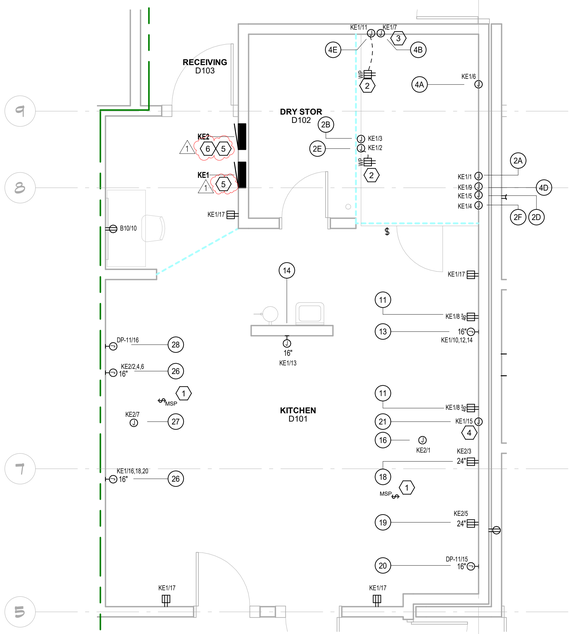
Description	Date	Num
Addendum 1	**8.18.22**	**1**

Comm: **213131**
Date: **08/05/22**
Drawn: **Author**
Check: **Checker**
North

ROOF FRAMING DETAILS AND SECTIONS

Scale: **3/4" = 1'-0"**

S5.01



C1 ELECTRICAL ENLARGED KITCHEN PLAN
1/4" = 1'-0"

KEYED SHEET NOTES

1. PROVIDE PILOT LIGHT SWITCH FOR CONTROL OF KITCHEN HOOD. WIRE SWITCH IN FACTORY PROVIDED RECESSED J-BOX LOCATED ON FRONT OF HOOD.
2. PROVIDE GFCI WEATHERPROOF RECEPTACLE MOUNTED ON WALL BEHIND COIL AND CONNECT TO UTILITY OUTLET CIRCUIT.
3. CONNECT CIRCUIT TO DRAIN LINE HEAT TAPE. HEAT TAPE PROVIDED BY OTHERS.
4. ISOLATED BOX ABOVE FOR FIRE SUPRESSION SYSTEM. WIRE FROM SHUNT TRIP BREAKERS TO CONTACTORS. PROVIDE EMPTY OCTAGON J-BOX AT 54" AFF FOR MANUAL PULL STATION WITH EMPTY CONDUIT RUNNING TO ABOVE CEILING. VERIFY EXACT LOCATION WITH OTHER TRADES AND ARCHITECT. CONCEAL BOX AND CONDUIT WITHIN WALL.
5. PROVIDE EACH CIRCUIT IN KITCHEN WITH GFCI PROTECTION, EITHER VIA BREAKER OR OUTLET.
6. FEED PANEL KE2 (FOR LOADS UNDER KITCHEN HOOD) FROM 60A/3P SHUNT TRIP BREAKER IN PANEL KE1.

KITCHEN EQUIPMENT SCHEDULE

ITEM	QTY.	DESCRIPTION	EXIST/NEW	VOLTS/PHASE	LOAD KW/AMPS	SUPPLY	BREAKER SIZE	RACEWAY & WIRE SIZE	CONNECTION	NOTES
2A	1	WALK-IN COOLER BOX	NEW	120/1	2A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	1
2B	1	WALK-IN COOLER COIL	NEW	120/1	1.3A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	2
2C	1	WALK-IN COOLER CONDENSING UNIT	NEW	208/3	7A	SEE PLANS	20A	3/4"C, 3#12+1#12G	HARDWIRED	8,13
2D	1	WALK-IN COOLER ALARM	NEW	120/1	2A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	3
2E	1	WALK-IN COOLER UTILITY OUTLET	NEW	120/1	16A	SEE PLANS	20A	3/4"C, 2#12+1#12G		
2F	1	WALK-IN COOLER AIR CURTAIN	NEW	120/1	3.4A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	
4A	1	WALK-IN FREEZER BOX	NEW	120/1	2A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	1
4B	1	WALK-IN FREEZER COIL	NEW	120/1	5.8A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	2
4C	1	WALK-IN FREEZER CONDENSING UNIT	NEW	208/3	9.2A	SEE PLANS	20A	3/4"C, 3#12+1#12G	HARDWIRED	8,13
4D	1	WALK-IN FREEZER ALARM	NEW	120/1	2A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	3
4E	1	WALK-IN FREEZER UTILITY OUTLET	NEW	120/1	16A	SEE PLANS	20A	3/4"C, 2#12+1#12G		
11	2	PREP TABLE WITH (2) RECEPTACLES	NEW	120/1	16A	SEE PLANS	20A	3/4"C, 2#12+1#12G		
13	1	DISPOSER	NEW	208/3	5A	SEE PLANS	20A	3/4"C, 3#12+1#12G	HARDWIRED	4
14	1	WORKTABLE WITH (4) RECEPTACLES	NEW	120/1	16A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	5
16/17	1	EXHAUST HOOD LIGHTS AND JET FAN	NEW	120/1	16A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	
18	1	RANGE WITH CONVECTION OVEN	NEW	120/1	4A	SEE PLANS	20A	3/4"C, 2#12+1#12G	CORD/PLUG	
19	1	GRIDDLE WITH OVEN	NEW	120/1	4A	SEE PLANS	20A	3/4"C, 2#12+1#12G	CORD/PLUG	
20	1	STEAMER ON STAND	NEW	208/3	50A	SEE PLANS	65A	3/4"C, 3#8+1#10G	HARDWIRED	
21	1	FIRE SUPPRESSION SYSTEM	NEW	120/1	16A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	3
26	1	DISPOSER	NEW	208/3	5A	SEE PLANS	20A	3/4"C, 3#12+1#12G	HARDWIRED	4
27	1	CONDENSATE HOOD WITH LIGHTS AND FAN	NEW	120/1	6A	SEE PLANS	20A	3/4"C, 2#12+1#12G	HARDWIRED	
28	1	DISHWASHER	NEW	208/3	52.5A	SEE PLANS	70A	3/4"C, 3#6+1#10G	HARDWIRED	6

NOTES:
1. CONNECT TO LIGHT SWITCH ASSEMBLY AND LED LIGHT.
2. WIRE FROM J-BOX ABOVE TO COIL CONNECTION POINT.
3. REQUIRES A DEDICATED 24 HOUR CIRCUIT.
4. CONNECT DISPOSER, SOLENOID AND CONTROL PANEL/SWITCH.
5. WIRE FROM J-BOX TO FOUR OUTLETS MOUNTED ON TABLE BY OTHERS.
6. PROVIDE SINGLE POINT CONNECTION TO MISC EQUIPMENT.
7. PROVIDE INTERCONNECTION TO EXHAUST FAN ON ROOF.
8. PROVIDE SERVICE DISCONNECT (SAFETY SWITCH) COORDINATE FINAL LOCATION WITH FOOD SERVICES.
9. INSTALL FURNISHED SWITCHES (LIGHTS CONTROLS) FOR A COMPLETE INSTALLATION.
10. PROVIDE FOOD SERVICE GRADE CORD REEL FOR EQUIPMENT.
11. PROVIDE TWIST LOCK RECEPTACLE TO MATCH CORD AND PLUG OF UNIT.
12. CONNECT LIGHTS AND MISC LOADS VIA CONTROL PANEL.
13. WIRE (5) #18, 24V WIRES FROM CONDENSING UNIT TO THE EVAPORATOR COIL, AND (4) #18, 24V WIRES FROM EVAPORATOR TO THE CONTROLLER BOX MOUNTED ON WALK-IN WALL. DO NOT WIRE IN CONDUIT WITH OTHER POWER SUPPLY.

NEW YOUTH JUSTICE & REHABILITATION CENTER

SCOTT COUNTY
600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

WOLD ARCHITECTS AND ENGINEERS
110 North Brockway, Suite 220
Palatine, Illinois 60067
woldac.com | 847 241 6100

LICENSED PROFESSIONAL ENGINEER
BRADLEY R JOHANNSEN
18475
IOWA

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed **PROFESSIONAL ENGINEER** under the laws of the State of **IOWA**

License Number: **BRADLEY R. JOHANNSEN** **18475** Date **8/5/2022**

Revisions

Description	Date	Num
ADDENDUM #1	8/19/2022	1

Comm: **213131**
Date: **08/05/2022**
Drawn: **P.BALDWIN**
Check: **B.JOHANNSEN**
North

ELECTRICAL KITCHEN PLAN

Scale: **As indicated**

E4.50

IL

E

NEW YOUTH JUSTICE & REHABILITATION CENTER

SCOTT COUNTY
600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

EQUIPMENT DESIGNATIONS

1. POWER SYSTEM:
   N = NORMAL
   E = ESSENTIAL EQUIPMENT
   C = CRITICAL
   L = LIFE SAFETY
2. VOLTAGE LEVEL
   L = 208/120V
   H = 480/277V
3. BUILDING AREA
4. BUILDING LEVEL
   0 = BOTTOM LEVEL
   1 = 1ST FLOOR
   2 = 2ND FLOOR
   P = PENTHOUSE
5. SEQUENTIAL NUMBER
6. TRANSFORMER DESIGNATION
7. PREFIXES
   MSB = MAIN SWITCH BOARD
   SWB = SWITCHBOARD
   DP = DISTRIBUTION PANEL
   MCC = MOTOR CONTROL CENTER
   ATS = AUTOMATIC TRANSFER SWITCH
   UPS = UNINTERRUPTIBLE POWER SUPPLY
   K = KITCHEN

PANELBOARDS
NLA01
1 2 3 4 5

TRANSFORMERS
NTA12
1 6 3 4 5

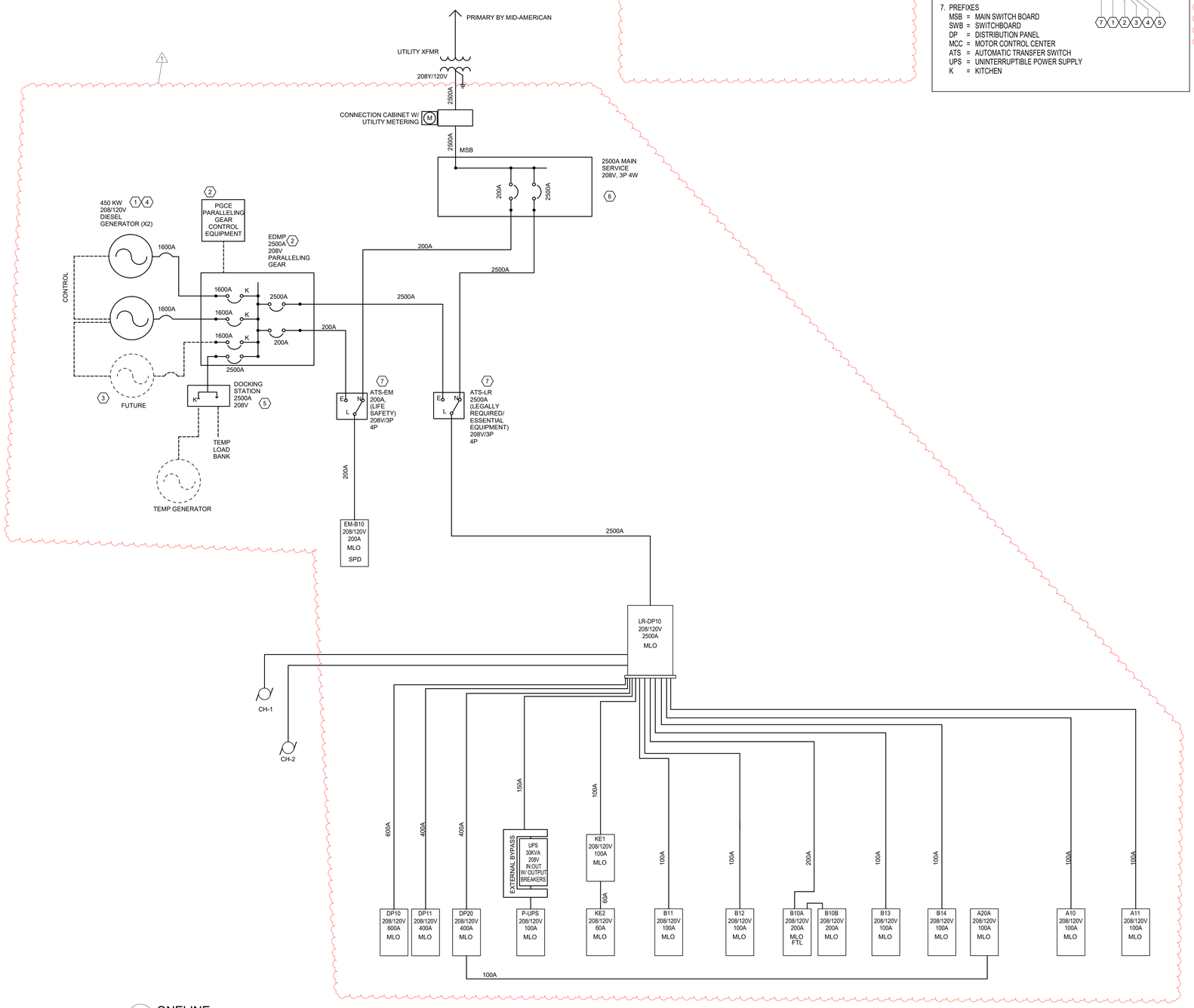
WITH PREFIX
SWB-NHB21
7 1 2 3 4 5

GENERAL NOTES:

A. PROVIDE COPPER CONDUCTORS.
B. PROVIDE XHHW INSULATION FOR UNDERGROUND CONDUCTORS.
C. PROVIDE GALVANIZED RIGID STEEL CONDUIT FOR EXPOSED EXTERIOR CONDUITS.
D. ROUTE HORIZONTAL CONDUITS ABOVE BOTTOM CHORD OF BAR JOISTS UNLESS NOTED OTHERWISE. ROUTE CONDUITS FROM WALL MOUNTED DEVICES VERTICALLY TO JOIST SPACE UNLESS NOTED OTHERWISE.
E. OBTAIN SHOP DRAWINGS OF EQUIPMENT AND COMPARE CONNECTION, LOAD, AND VOLTAGE INFORMATION TO CONTRACT DOCUMENTS BEFORE INSTALLING FEEDER CONDUITS. NOTIFY ARCHITECT OF ANY DISCREPANCIES. BEFORE MAKING EQUIPMENT POWER CONNECTIONS, COMPARE EQUIPMENT NAMEPLATE DATA TO SHOP DRAWINGS AND CONTRACT DOCUMENTS. NOTIFY ARCHITECT OF ANY DISCREPANCIES.
F. MOTOR FEEDERS SHOWN ON DIAGRAM FOR REFERENCE. REFER TO MOTOR SCHEDULE FOR MORE INFORMATION.
G. REFER TO SITE PLAN FOR EXACT LOCATIONS OF EXTERIOR EQUIPMENT.
H. COORDINATE ALL DEMOLITION WITH PHASING PLANS. SEE ELECTRICAL FLOOR PLANS AND ARCHITECTURAL PHASING PLANS.

KEYED NOTES:

1. PROVIDE (2) GENERATORS WITH ON-BOARD PARALLELING. PROVIDE WITH OUTPUT BREAKER, EXTERIOR WEATHERPROOF SOUND-ATTENUATED ENCLOSURE, LOAD CENTER, AND 24-HOUR BELLY TANK. GROUND AS SEPARATELY DERIVED SYSTEM. INCLUDE FUEL MONITORING/REMOTE REPORTING PROVISIONS. INCLUDE POWER AND CONTROL CONDUIT/CABLING BETWEEN GENERATORS, PARALLELING GEAR, TRANSFER SWITCHES, AND FROM BREAKER PANELS AS REQUIRED FOR A COMPLETE AND OPERATIONAL SYSTEM.
2. PROVIDE PARALLELING GEAR (EDMP) AND RELATED CONTROL EQUIPMENT (PGCE).
3. PROVIDE POWER AND CONTROL CONDUIT PROVISIONS FOR FUTURE THIRD PARALLELED GENERATOR.
4. PROVIDE GENERATOR ANNUNCIATOR PANEL, LOCATE IN MASTER CONTROL.
5. PROVIDE EXTERIOR DOCKING STATION. INCLUDE INPUT FOR TEMP GENERATOR AND OUTPUT FOR TEMP LOAD BANK. INCLUDE KIRK KEY INTERLOCK WITH GENERATOR BREAKERS. FOXFAB FFCP-2 (CUSTOMIZED WITH INPUT AND OUTPUT) OR EQUAL. PROVIDE SHORE POWER PER SPECIFICATIONS.
6. MAIN SERVICE, MAIN LUG ONLY (UTILIZE SIX-DISCONNECT RULE). PROVIDE SEPARATE VERTICAL SECTIONS FOR BREAKERS AND LABEL AS MAINS. PROVIDE SURGE SUPPRESSION AND OWNER METERING.
7. PROVIDE AUTOMATIC TRANSFER SWITCHES, FOUR POLE CLOSED TRANSITION.



F2 ONELINE
NTS

3 PHASE FEEDER SCHEDULE (COPPER)		
	FEEDER 3W	FEEDER 4W
ID	(NO NEUTRAL)	(WITH NEUTRAL)
(AMPS)	CONDUIT-PHASE-GROUND	CONDUIT-PHASE-GROUND
20A	(1) 1/2"C, 3#12+1#12G	(1) 1/2"C, 4#12+1#12G
30A	(1) 3/4"C, 3#10+1#10G	(1) 3/4"C, 4#10+1#10G
40A	(1) 3/4"C, 3#8+1#10G	(1) 3/4"C, 4#8+1#10G
50A	(1) 1"C, 3#6+1#10G	(1) 1"C, 4#6+1#10G
60A	(1) 1.25"C, 3#4+1#8G	(1) 1.25"C, 4#4+1#8G
80A	(1) 1.25"C, 3#3+1#8G	(1) 1.25"C, 4#3+1#8G
100A	(1) 1.25"C, 3#3+1#8G	(1) 1.25"C, 4#3+1#8G
125A	(1) 1.5"C, 3#1+1#6G	(1) 1.5"C, 4#1+1#6G
150A	(1) 1.5"C, 3#1/0+1#6G	(1) 2"C, 4#1/0+1#6G
175A	(1) 1.5"C, 3#2/0+1#6G	(1) 2"C, 4#2/0+1#6G
200A	(1) 2"C, 3#3/0+1#6G	(1) 2"C, 4#3/0+1#6G
225A	(1) 2"C, 3#4/0+1#4G	(1) 2.5"C, 4#4/0+1#4G
250A	(1) 2.5"C, 3#250+1#4G	(1) 2.5"C, 4#250+1#4G
300A	(1) 2.5"C, 3#350+1#4G	(1) 3"C, 4#350+1#4G
400A	(2) 2"C, 3#3/0+1#2G	(2) 2"C, 4#3/0+1#2G
500A	(2) 2.5"C, 3#250+1#2G	(2) 3"C, 4#250+1#2G
600A	(2) 3"C, 3#350+1#1G	(2) 3"C, 4#350+1#1G
800A	(3) 2.5"C, 3#300+1#1/0G	(3) 2.5"C, 4#300+1#1/0G
1000A	(3) 3"C, 3#400+1#2/0G	(3) 3.5"C, 4#400+1#2/0G
1200A	(4) 3"C, 3#350+1#3/0G	(4) 3"C, 4#350+1#3/0G
1600A	(5) 3"C, 3#400+1#4/0G	(5) 3.5"C, 4#400+1#4/0G
2000A	(6) 3"C, 3#400+1#250G	(6) 3"C, 4#400+1#250G
2500A	(7) 3"C, 3#500+1#300G	(7) 3"C, 4#500+1#300G
3000A	(8) 3.5"C, 3#500+1#400G	(8) 3.5"C, 4#500+1#400G

GENERAL NOTES:

A. THE ABOVE FEEDER SCHEDULE IS A SCHEDULE OF TYPICAL FEEDERS AND SOME SIZES MAY NOT BE UTILIZED.

B. ALL CONDUCTOR AMPACITES ARE BASED ON TABLE 310-15 OF THE NEC FOR COPPER CONDUCTOR AT 75 DEG C.

C. FEEDER SIZES SHOWN ON THE RISER DIAGRAM INDICATE FEEDER AMPACITIES AND DO NOT NECESSARILY CORRESPOND TO CIRCUIT BREAKER AMPACITES. CERTAIN FEEDERS MAY BE SIZED FOR THE DURATION FACTORS REQUIRED BY CODE AND/OR ARE OVERSIZED FOR VOLTAGE DROP.

D. WHERE PARALLEL CONDUITS ARE INDICATED FOR A SINGLE FEEDER, EACH CONDUIT SHALL CONTAIN PHASE, NEUTRAL, AND GROUND CONDUCTORS INDICATED.

E. CONDUIT ABOVE GRADE INDOORS SHALL BE EMT. CONDUIT ABOVE GRADE OUTDOORS SHALL BE GALVANIZED IMC OR RMC.

F. EMT USED FOR PURPOSES OF SIZING CONDUIT. CONTRACTOR TO UPSIZE CONDUIT IF DIFFERENT THAN EMT.

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License Number: **BRADLEY R. JOHANNSEN 18475** Date **8/5/2022**

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ADDENDUM #1	8/18/2022	1

Comm: 213131
Date: 08/05/2022
Drawn: LSHENO
Check: B.JOHANNSEN

ONE LINE DIAGRAM

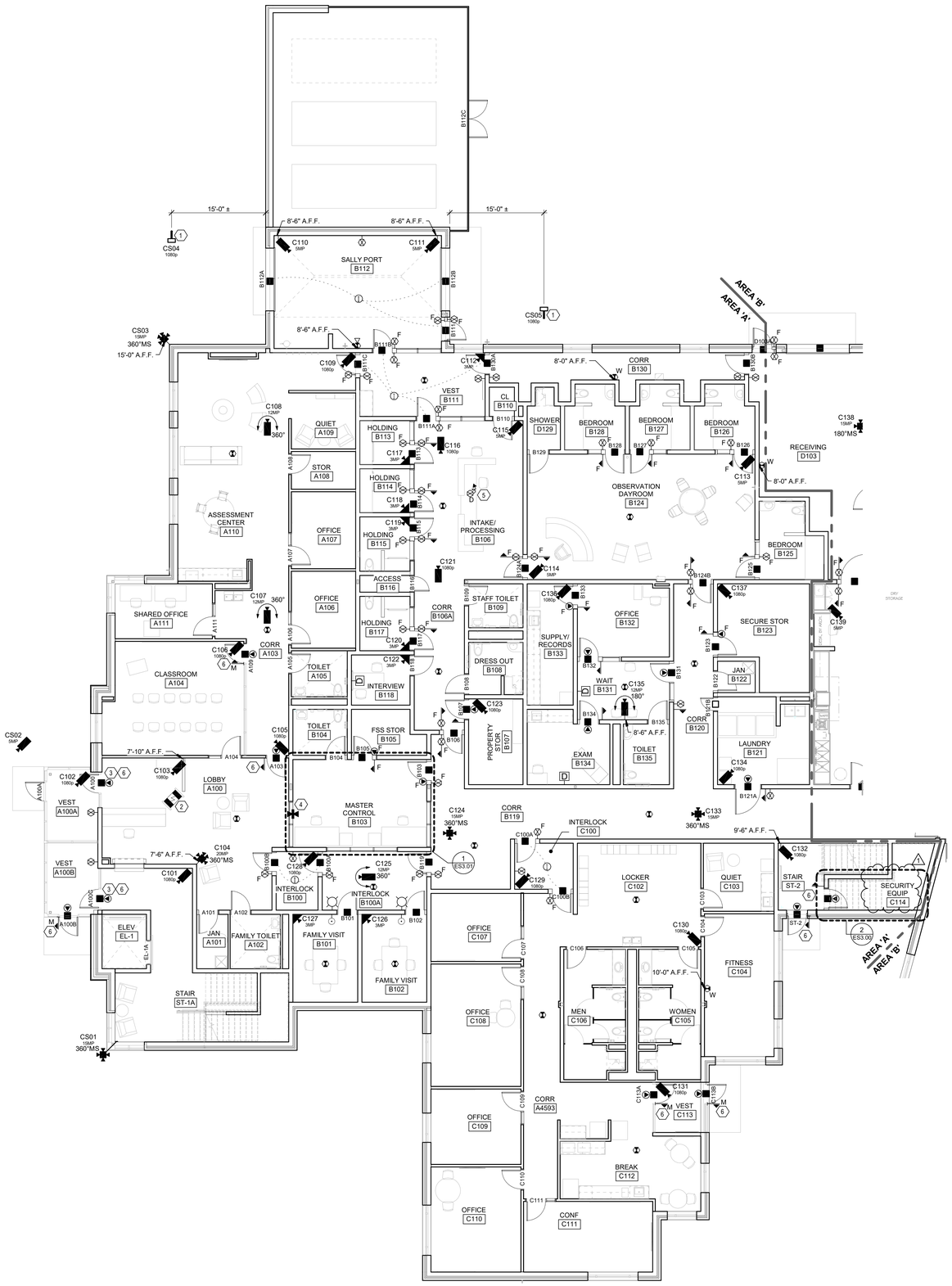
Scale: As indicated

E5.01

IL

E

IL



1 MAIN LEVEL FLOOR PLAN - AREA 'A'
1/8" = 1'-0"

A

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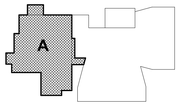


KEY PLAN

GENERAL NOTES

1. ALL CONDUITS/RACEWAY FOR THE NEW ELECTRONIC SECURITY SYSTEM DEVICES AND EQUIPMENT SHOWN ON THIS DRAWING SHALL ROUTE TO THE NEAREST CORRESPONDING SECURITY EQUIPMENT RACK UNLESS NOTED OTHERWISE.
2. ALL STRUCTURED CABLING (PANDUIT CERTIFIED CAT-6A) SHALL BE PROVIDED BY THE DIV. 27 CONTRACTOR, INCLUDING ALL PATCH PANELS AND CABLES. PROVIDE COORDINATION FOR ALL SECURITY REQUIREMENTS. ALL OTHER CABLES SHALL BE PROVIDED AND INSTALLED BY THE SECURITY INTEGRATOR.
3. CONDUITS/RACEWAY FOR THE ELECTRONIC SECURITY SYSTEM EQUIPMENT SHALL BE PROVIDED BY DIV 26 CONTRACTOR. PROVIDE ALL COORDINATION.
4. PROVIDE ALL REQUIRED COMPONENTS, PROGRAMMING, INTERFACES, INSTALLATION AND TESTING FOR A TURN-KEY , INTEGRATED ELECTRONIC SECURITY SYSTEM.
5. PROVIDE THE NETWORK SWITCHES AND ANY POE POWER SUPPLIES FOR THE ELECTRONIC SECURITY SYSTEM (PLC, INTERCOM, TOUCH SCREENS, ACCESS CONTROL.) THE VSS NETWORK IS BY THE COUNTY. PROVIDE INTERFACES.
6. TOUCH SCREENS IN CENTRAL CONTROL SHALL EACH BE CAPABLE OF FULL CONTROL OF THE FACILITY. TASK GROUPING SHALL BE COORDINATED WITH THE ENGINEER AND OWNER PRIOR TO TOUCH SCREEN SUBMITTALS. EACH STATION SHALL BE CAPABLE OF FULL CONTROL OF THE FACILITY. PROVIDE ALL INTEGRATION AND PROGRAMMING FOR A TURN-KEY SYSTEM.
7. CENTRAL CONTROL STATION COMPUTERS SHALL BE SFF COMPUTERS MOUNTED TO THE MONITOR STAND USING VESA MOUNT BRACKETS. PROVIDE A "MOUSE WITHOUT BORDERS" INSTALLATION FOR THE VMS MONITORS FOR EACH CONTROL STATION.
8. ALL CAMERAS, MOUNTS AND AVIGILON LICENSES ARE PROVIDED BY THE OWNER. ALLOW FOR CAMERA LOCATION OF UP TO 6' FROM WHERE SHOWN ON PLANS AT NO ADDITIONAL COST. TO AVOID OBSTACLES BLOCKING THE INTENDED VIEW. COORDINATE BACK BOX SIZES AND HOUSINGS AS APPROPRIATE PER CAMERA. COORDINATE ALL CAMERA VIEWS WITH OWNER FOR FINAL AIMING OF ALL CAMERAS.
9. THE VMS PROVIDED BY THE COUNTY IS AVIGILON CONTROL CENTER 7. THE COUNTY SHALL PROVIDE ALL NETWORK SWITCHES, SWITCH CONFIGURATIONS, WAN ACCESS, AVIGILON MANAGEMENT SERVERS, REMOTE VIEWING SERVERS, STORAGE SERVERS, AND LOCAL VIEWING CLIENTS AND MONITORS. PROVIDE FULL INTEGRATION TO THE TOUCH SCREEN SYSTEM FOR CAMERA CALL UP FOR UP TO 4 CAMERAS IN QUAD VIEW FOR ONE 27" MONITOR PER WORKSTATION FOR DURESS ALARMS, INTERCOMS, 2-WAY PAGING ZONES, AND ICON SELECTION.
10. PROVIDE A PLC FOR ECS DEVICE CONTROL AND HARDWIRED INTERFACES. ALL ALARMS AND SENSORS SHALL BE MONITORED BY THE PLC FOR CONTROL AND MONITORING FROM THE TOUCH SCREEN STATIONS.
11. LIGHTING CONTROLS FOR DETENTION AREAS SHALL BE HARDWIRED AT EACH DAYROOM CHASE LOCATION USING PLC REMOTE I/O. PROVIDE ALL MULTI-CONDUCTOR CABLING BETWEEN THE REMOTE I/O CABINET AND THE LIGHTING RELAY CABINET BY DIV. 26. SEE ELECTRICAL DRAWINGS FOR PANEL LOCATIONS AND RELAY QUANITIES AND NOMENCLATURE. PROVIDE REMOTE I/O DATA CABLING TO THE HEAD END PLC AND COORDINATE CONDUIT.
12. PROVIDE REMOTE I/O INTERFACE FOR HOT, COLD AND RECIRCULATING WATER CONTROL VALVES IN EACH DAYROOM CHASE FOR A TOTAL OF 15. SEE M2.10a AND M2.10b. WATER VALVES ARE 120VAC AND WILL BE CONNECTED TO THE LIGHTING RELAYS BY DIV. 26 FOR CONTROL.
13. PROVIDE A PLC RELAY INTERFACE FOR ON/OFF CONTROL OF EXHAUST FANS PER DAYROOM. THE BAS SYSTEM SHALL PROVIDE CONTACTS AND THE INTEFACE CABLING SHALL BE BY OTHERS TO THE MER. COORDINATE WITH OTHER TRADES FOR CONDUIT AND CABLE REQUIREMENTS. PROVIDE TS INTERFACE FOR ALL UTILITY CONTROLS.
14. THE INTERCOM AND PAGING SYSTEM SHALL BE A DIGITALLY SWITCHED INTERCOM SYSTEM USING 2-GANG, 2-WIRE SHIELDED OUTDOOR-RATED INTERCOMS AT ALL LOCATIONS. PROVIDE AN AUDIO RECORDING SERVER AND SOFTWARE FOR MASTER TO STATION INTERCOM CONVERSATIONS.
15. ALL DETENTION AREA PAGING SPEAKERS SHALL USE 2-WAY TALK-BACK AMPLIFIERS FOR POWER INCLUDING DAYROOMS, REC YARDS, CLASSROOMS, AND VISITATION. ZONES SHALL BE NO MORE THAN 3 SPEAKERS OR 5 WATTS TOTAL. GENERAL PAGING ZONES IN CORRIDORS AND NON-INMATE AREAS SHALL BE ONE-WAY PAGING. TAP ALL SPEAKERS ACCORDING TO ENVIRONMENT. PERFORM AUDIO BALANCING BY ADJUSTING TAP LEVELS OR AMPLIFICATION LEVELS FOR EACH ZONE.
16. ALL DETENTION AREA CARD READERS SHALL BE INTEGRATED TO THE PLC FOR MONITORING AND CONTROL. THE PLC SHALL MAKE THE FINAL UNLOCK DECISION, AND LOCK POWER SHALL ORIGINATE FROM THE ELECTRONIC SECURITY CABINET USING UPS POWER. ALL DETENTION READER CONTROLLERS SHALL BE LOCATED IN THE MDF. DETENTION CARD READERS SHALL BE MANAGED AND LOGGED WITH STANLEY SECURITY GATEKEEPER ACCESS CONTROL SYSTEM TO MATCH THE ADC DETENTION SYSTEM. PROVIDE 13.56 MHz iCLASS READERS AND A NEW DEDICATED ACS SERVER FOR THIS FACILITY. PROVIDE 500 DUAL CLASS CARDS CAPABLE OF READING 125 KHZ PROX AND 13.56 MHZ iCLASS READERS. THE SYSTEM SHALL BE SET UP AND COORDINATED WITH THE COUNTY I.T. DEPT TO ALLOW FOR ENROLLMENT AND MANAGEMENT OF THE ACCESS CONTROL SYSTEM FROM COUNTY OFFICES IN ANOTHER LOCATION. PROVIDE THE ABILITY FOR THE EXISTING ADC FACILITY TO ALLOW FOR ENROLLMENT AND MANAGEMENT OF THE ACCESS CONTROL SYSTEM FROM THE SAME REMOTE COUNTY OFFICES. PROVIDE ALL REQUIRED EQUIPMENT, INTERFACES AND INTEGRATIONS FOR BOTH FACLIITIES.
17. PROVIDE A WATCH TOUR FEATURE FOR ALL DAYROOM CARD READERS. PROVIDE A MEANS TO MANUALLY AND AUTOMATICALLY SCHEDULE WATCH TOURS PER DAYROOM AND LOG THEM. PROVIDE 100 ADDITIONAL CARDS FOR WATCH TOUR.
18. ALL NON-DETENTION AREA CARD READERS SHALL BE MULTI-CLASS iCLASS+PROX READERS. THE ACCESS CONTROL SYSTEM SHALL BE KEYSCAN TO MATCH EXISTING COUNTY SYSTEMS. THE LOCAL KEYSCAN CONTRACTOR (NIGHTWATCH SECURITY) SHALL BE CONTRACTED BY THE SECURITY CONTRACTOR FOR THE WORK. THE SECURITY INTEGRATOR SHALL SUPPLY ALL NON-DETENTION CARD READERS AND CABLING AND CLASS 2 POWER SUPPLIES FOR NON-DETENTION DOORS, ORIGINATING FROM UPS POWER SOURCES AND LOCAL P.S. BATTERIES. THE KEYSCAN SHALL BE MANAGED OVER THE COUNTY WAN. THE SERVER AND CONTROLLERS SHALL BE PROVIDED BY NIGHTWATCH SECURITY.
19. PULL NEW 22/6 OAS WIEGAND CABLE TO ALL NON-DETENTION AND DETENTION READERS. IN ADDITION, PULL NEW OSDP / RS-485 CABLE (2/#22 SHIELDED PAIRS) FOR EACH CARD READER FOR FUTURE USE.
20. ALL NEW ETHERNET DEVICES INCLUDING CAMERAS, WORKSTATIONS, ETC. SHALL BE CONNECTED TO NEW NETWORK SWITCHES. SEE SECURITY RISERS FOR REQUIREMENTS. SECURITY SUBMITTAL DRAWINGS SHALL INCLUDE ALL ETHERNET CABLE REQUIREMENTS FOR COORDINATION.
21. UPS BACKUP POWER FOR THE ELECTRONIC SECURITY SYSTEM SHALL BE PROVIDED BY DIV 26. COORDINATE ALL CIRCUIT LOCATIONS REQUIRED AND PROVIDE UPS RUNTIME CALCULATIONS FOR ALL REQUIRED CIRCUITS. PROVIDE HEAT LOAD CALCULATIONS FOR ALL CONTROL AND EQUIPMENT ROOMS FOR MECHANICAL CONTRACTOR COORDINATION.

NOTES BY SYMBOL (◯)

1 SINGLE LEVEL PEDESTAL MOUNTED INTERCOM AND CAMERA FOR REMOTE OPERATION OF THE SECURITY GATE. FOR THE PEDESTAL DETAIL REFER TO 2/ES4.01.

2 PROVIDE NEW METAL DETECTOR PER SPECIFICATIONS. COORDINATE FLOOR OUTLET FOR POWER.

3 PROGRAM ENTRY DOORS ON THE NON-DETENTION SYSTEM TO OPEN DURING THE DAY AND REMAIN LOCKED AFTER HOURS.

4 PROVIDE NORCON TTU-1AX UNIT - COORDINATE POWER AND GLASS CUTOUT WITH OTHER TRADES.

5 PROVIDE IP MASTER PHONE FOR COMMUNICATION TO HOLDING CELL INTERCOMS B113-B117. PROGRAM AND LABEL SPEED DIAL BUTTONS FOR EACH INTERCOM. TRANSFER CALLS TO CENTRAL CONTROL IF UNANSWERED AFTER A TIME, AS COORDINATED WITH OWNER.

6 NON-DETENTION CARD READERS SHALL RUN TO SEC. EQUIPMENT ROOM C114 AND SHALL BE A SEPARATE SYSTEM INSTALLED BY NIGHTWATCH SECURITY. PULL STANDARD WIEGAND CABLE AND OSDP CABLE FOR FUTURE UPGRADE CAPABILITY. PROVIDE CL2 DOOR POWER SUPPLIES AS REQUIRED BY HARDWARE COORDINATION.

I hereby certify that this plan, specification or report was prepared by me or under my direct supervision and that I am a duly Licensed
MICHAEL J. SMITH
under the laws of the State of **Iowa**

License Number: **#P24461** Date **08/05/22**

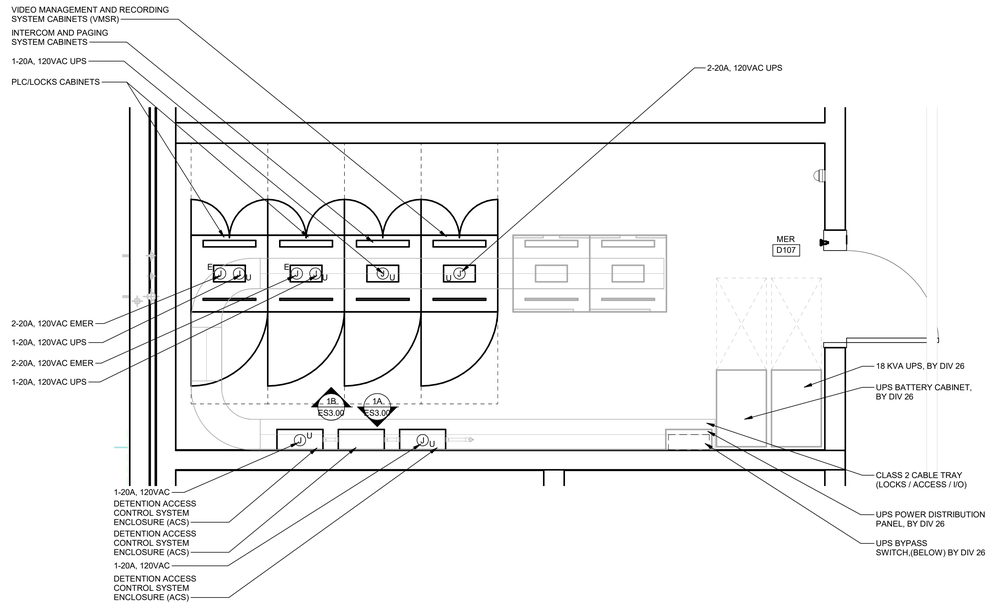
Revisions		
Description	Date	Num
ADD #1	08/18/22	1

Comm: **213131**
Date: **08/05/22**
Drawn: **IC**
Check: **IA/AA**

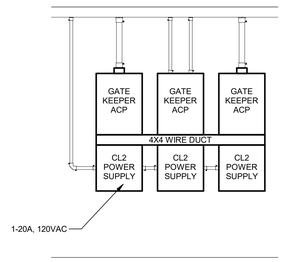
MAIN LEVEL FLOOR PLAN - AREA 'A'

Scale: **1/8" = 1'-0"**

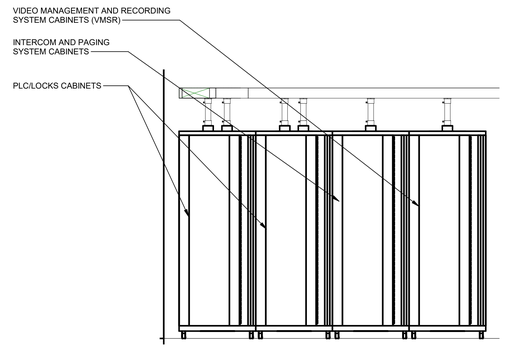
ES2.00a



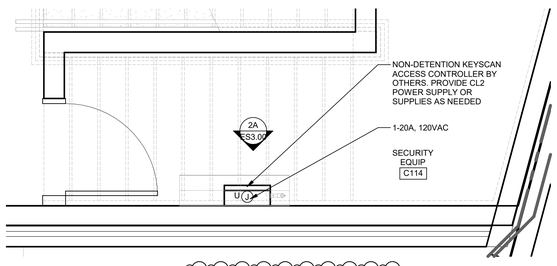
1 ENLARGED PLAN - MER #D107
1/2" = 1'-0"



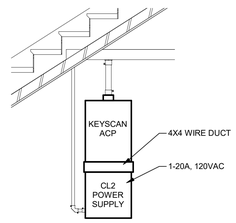
1A EQUIPMENT ELEVATION
1/2" = 1'-0"



1B EQUIPMENT ELEVATION
1/2" = 1'-0"



2 ENLARGED PLAN - SECURITY EQUIP. #C114
1/2" = 1'-0"



2A EQUIPMENT ELEVATION
1/2" = 1'-0"

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NEW YOUTH JUSTICE & REHABILITATION CENTER

SCOTT COUNTY
600 WEST FOURTH STREET
DAVENPORT, IOWA 52801

NOTES:

1. SEE TECHNOLOGY DRAWINGS FOR CABLE TRAY BY OTHERS.
2. ALL CLASS 1 CABLES SHALL RUN ON SEPARATE CABLE TRAY BY OTHERS. SEPARATE CABLES BY CLASS PER NEC REQUIREMENTS.
3. RUN ALL CATEGOR CABLE AND FIBER ON CABLE TRAYS FOR STRUCTURED CABLE.
4. GROUND ALL SECURITY AND NETWORK ENCLOSURES TO TECHNOLOGY GROUND BUS BY OTHERS.
5. COORDINATE ACTUAL REQUIRED UPS CIRCUITS AND LOADS WITH THE DIV. 26 CONTRACTOR.
6. PROVIDE CARD READERS ON THE FENCES DOOR(S) WITHIN THE MDF. READER SHALL BE MANAGED BY THE DETENTION ACCESS CONTROL SYSTEM.
7. ALL WALL MOUNT EQUIPMENT SHALL BE MOUNTED TO PLYWOOD BACKER BY OTHERS.

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ENLARGED PLANS

Scale: 1/2" = 1'-0"

ES3.00

IL

A

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