

JOINT PUBLIC SAFETY TRAINING CAMPUS
PHASE II

4443 W CHICAGO AVENUE
CHICAGO, IL 60651

100% SCHEMATIC DESIGN

MAY 7, 2021



DEPARTMENT OF ASSETS,
INFORMATION AND SERVICES
DAVID REYNOLDS, COMMISSIONER

APPROVED BY CHICAGO AIS
NAME: _____
DATE: _____



CHICAGO FIRE DEPARTMENT
RICHARD C. FORD II, FIRE COMMISSIONER

APPROVED BY CHICAGO FIRE DEPARTMENT
NAME: _____
DATE: _____



CHICAGO POLICE DEPARTMENT
DAVID O'NEAL BROWN, SUPERINTENDENT

APPROVED BY CHICAGO POLICE DEPARTMENT
NAME: _____
DATE: _____

PUBLIC BUILDING COMMISSION
OF CHICAGO
CARINA E. SANCHEZ, EXECUTIVE DIRECTOR

APPROVED BY PUBLIC BUILDING COMMISSION OF CHICAGO
NAME: _____
DATE: _____

PROJECT TEAM

DLR GROUP 333 W WACKER DRIVE SUITE 850 CHICAGO, IL 60606 PHONE: 312.382.9980	AR ST	NIA ARCHITECTS, INC. 850 W JACKSON BLVD. SUITE 2901 CHICAGO, IL 60607 PHONE: 312-431-9515	ASSOCIATE AR	DAVID MASON + ASSOCIATES 333 S DESPLAINES ST SUITE 200 CHICAGO, IL 60661 PHONE: 312-884-5100	CIVIL	MILHOUSE ENGINEERING 333 S WABASH AVE SUITE 2901 CHICAGO, IL 60604 PHONE: 312-987-0061	MEP FP	TGDA LANDSCAPE ARCHITECTURE 3233 W LE MOYNE ST NO. 1 CHICAGO, IL 60651 PHONE: 312-481-8432	LANDSCAPE	ABERCROMBIE PLANNING & DESIGN 3508 OVERTON PARK DRIVE W FORT WORTH, TX 76109 PHONE: 817-920-9198	TRAINING
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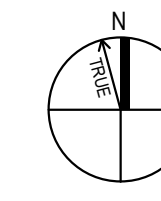
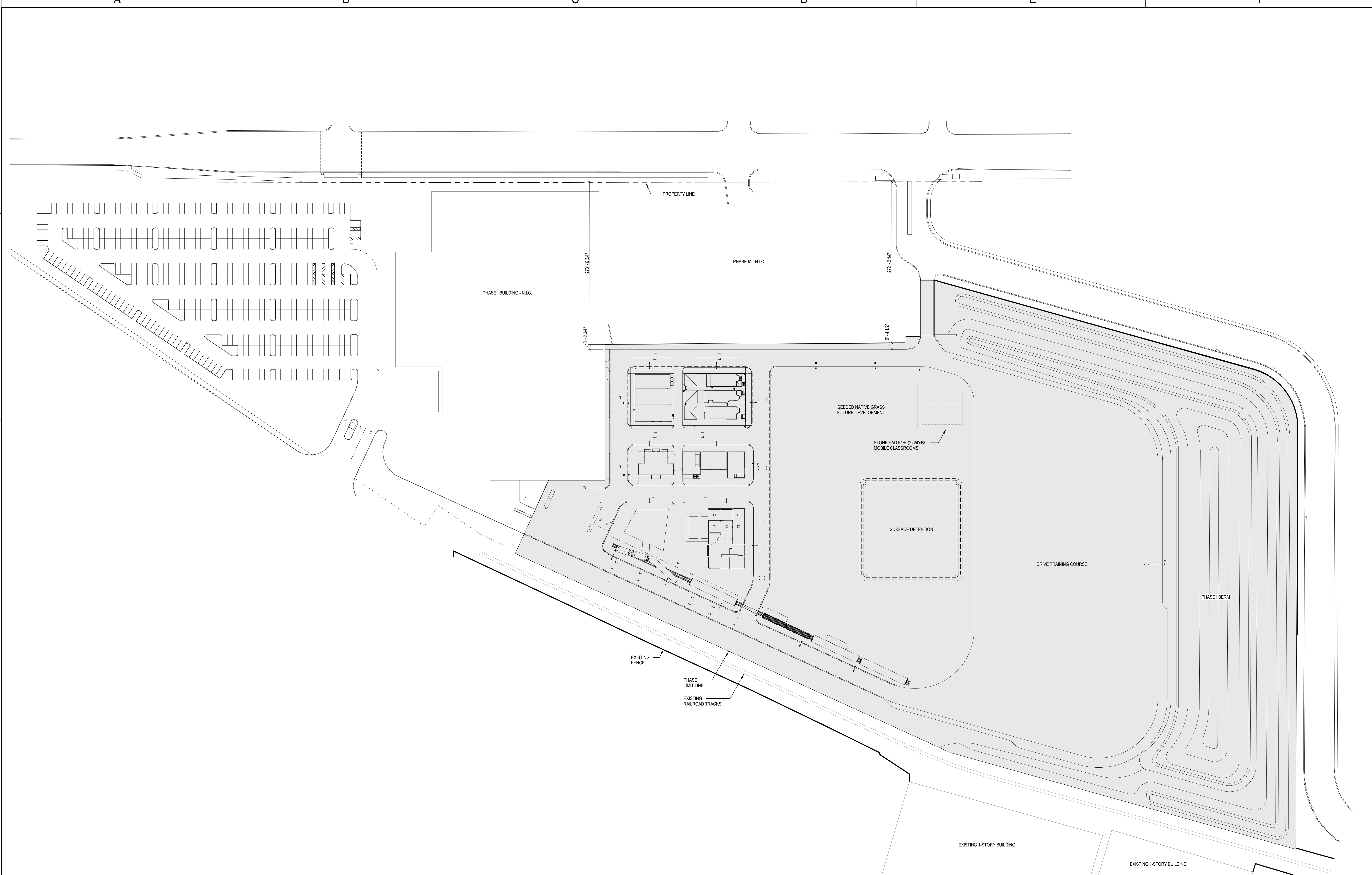
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OVERALL SITE PLAN

SCALE: 1" = 60'-0"



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OVERALL SITE
PLAN

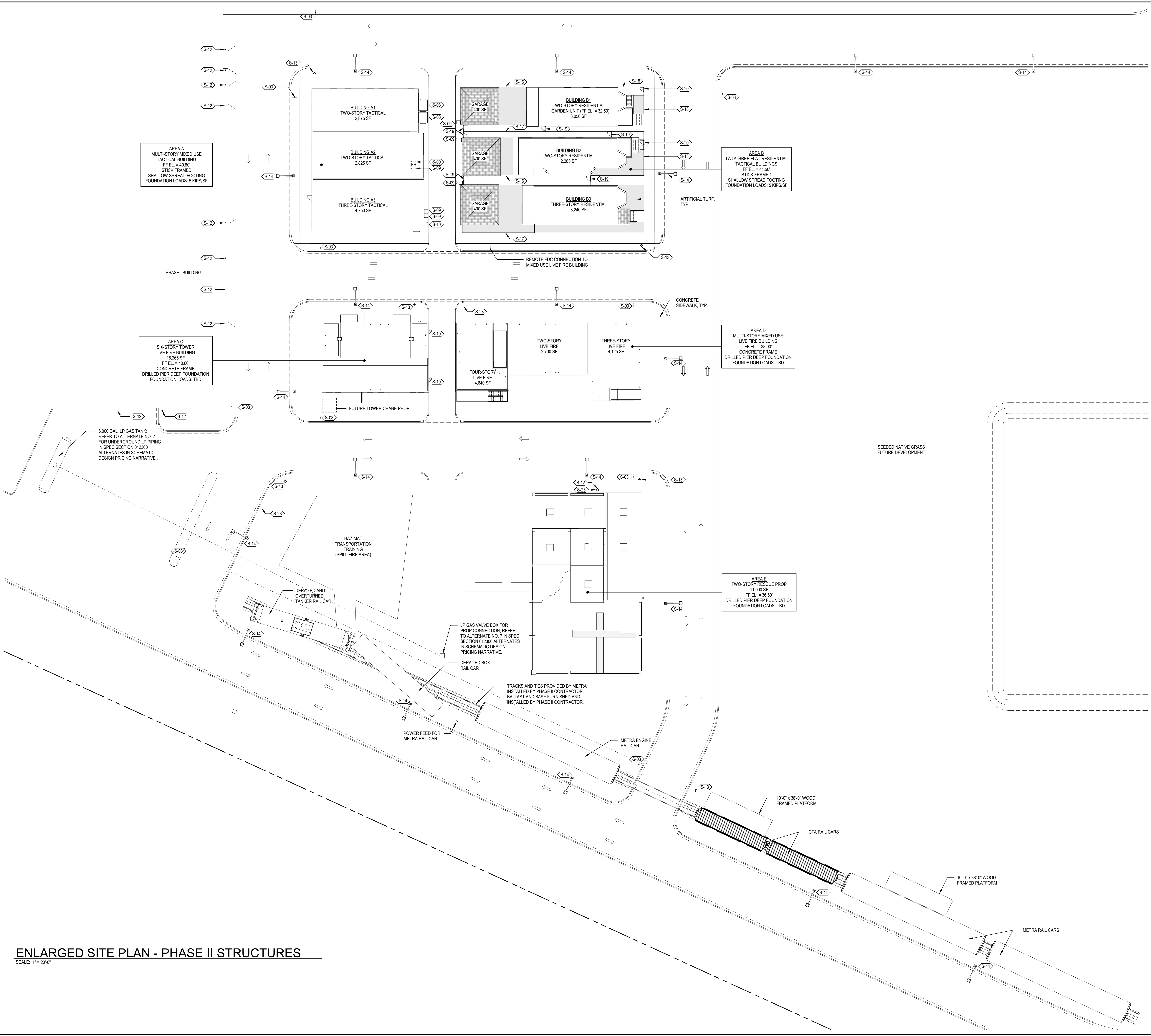
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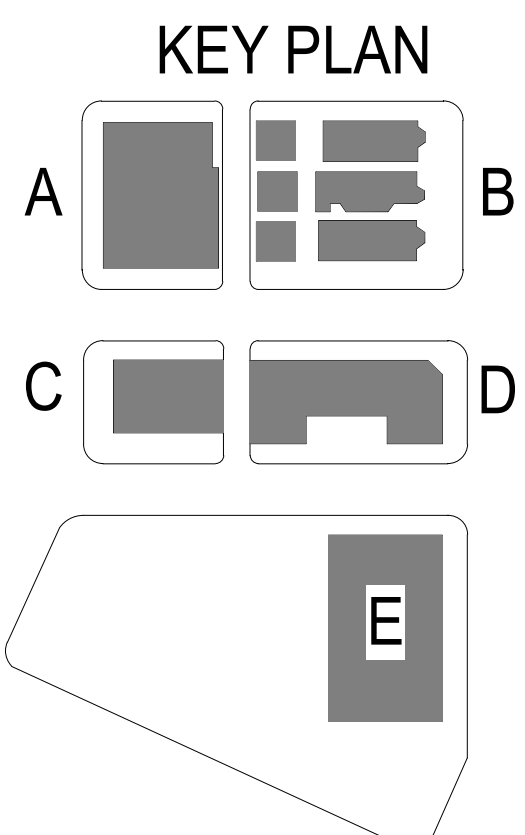
ARCHITECTURAL SITE PLAN - PHASE II

SCALE: 1" = 40'-0"

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SITE SCHEDULE	
TAG	DESCRIPTION
S-03	STOP SIGN N.I.C. - BY OTHERS
S-08	3 YARD DUMPSTER N.I.C. - BY OTHERS
S-09	PULL-OUT TRASH BIN N.I.C. - BY OTHERS
S-10	UTILITY POLE
S-12	BOLLARD
S-13	FIRE HYDRANT
S-14	STREET LIGHT
S-16	3'-0" CHAIN LINK FENCE, ALTERNATE NO. 6
S-17	6'-0" WOOD SLAT FENCE, ALTERNATE NO. 6
S-18	3'-0" METAL ORNAMENTAL FENCE, ALTERNATE NO. 6
S-19	3'-0" x 6'-0" WOOD SLAT GATE, ALTERNATE NO. 6
S-20	3'-0" x 3'-0" METAL ORNAMENTAL GATE, ALTERNATE NO. 6
S-21	OVERHEAD TRAFFIC SIGNAL
S-22	AIR COMPRESSOR
S-23	BOXED GROUND HYDRANT



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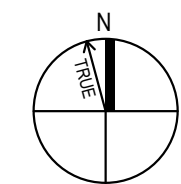
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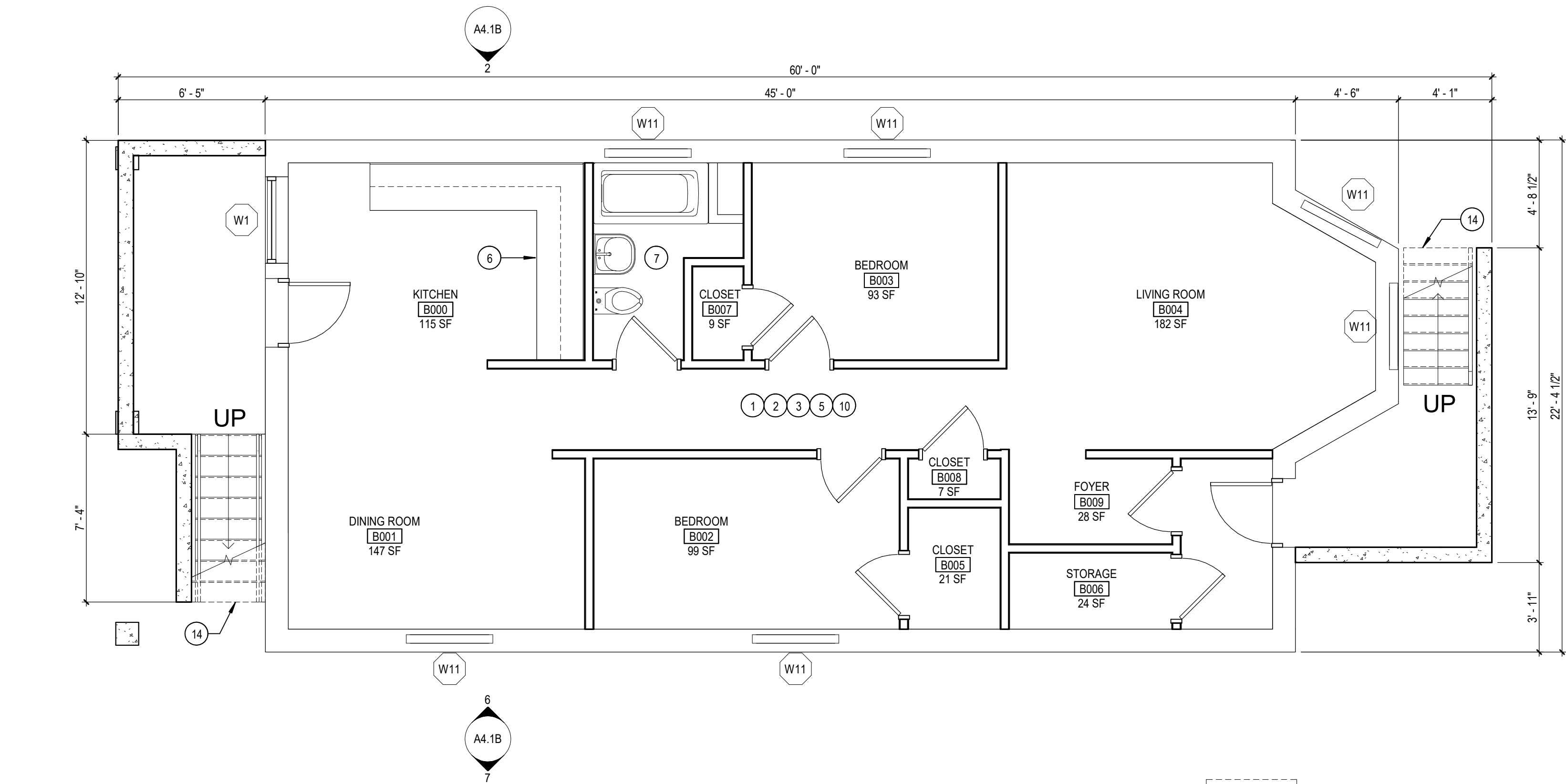
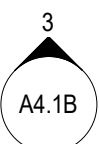
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LEVEL 00 FLOOR PLAN - AREA B

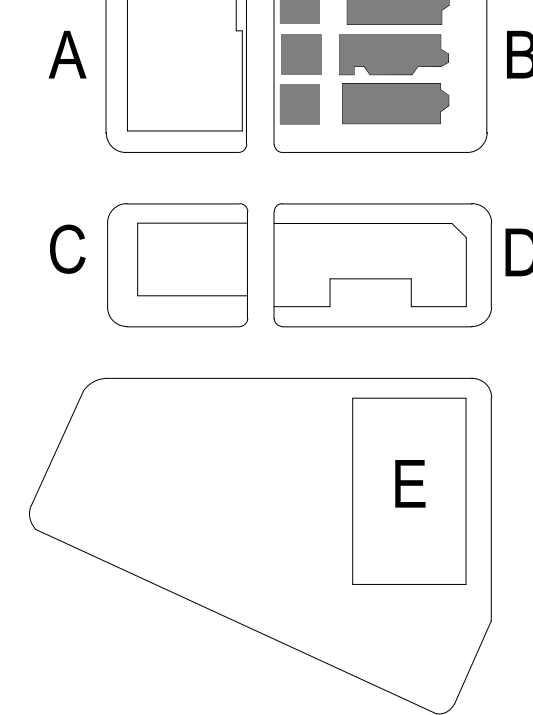
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PLAN KEY NOTES - TACTICAL

- ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- EXPOSED STRUCTURE, NO FINISH AT CEILING.
- ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAINT.
- ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING, FINISH: HIGHLY DURABLE, NON-SLIP PAINT.
- EXPOSED CONCRETE SLAB ON GRADE.
- BUILT-IN PLYWOOD MILLWORK AS SHOWN. PROVIDE WOOD BLOCKING, FURRING, SHIMS AND HANGING STRIPS WHERE REQUIRED TO INSTALL MILLWORK. FINISH: PAINT.
- PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- WOOD-FRAMED STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS. HANDRAIL ONLY WHERE ADJACENT TO WALL.
- EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WELDED WITH SAFETY GLAZING. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WELDED STEEL FRAMES. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM. SLOPE TO GUTTERS AND DOWNSPOUTS. PREFINISHED METAL COPING AT PARAPETS.
- GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS. PROVIDE ROOF VENTS AS REQUIRED.
- ROOF ANCHOR. REFERENCE STRUCTURAL FOR STAND-ALONE STRUCTURE.
- CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 16'-0" x 7'-0" STEEL SECTIONAL DOOR.
- CAST-IN-PLACE CONCRETE STAIR.
- 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN



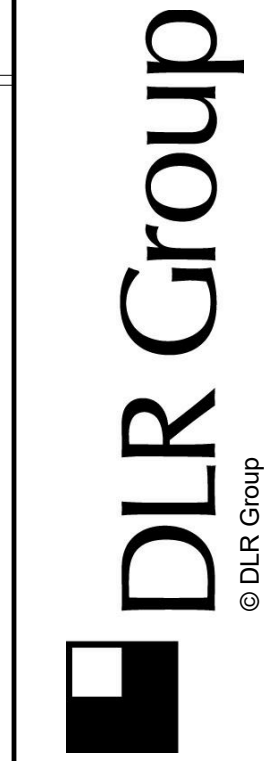
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LEVEL 00 FLOOR PLAN - AREA B

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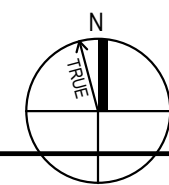
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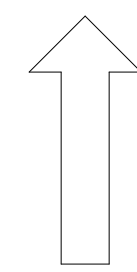
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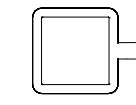


LEVEL 01 FLOOR PLAN - AREA A

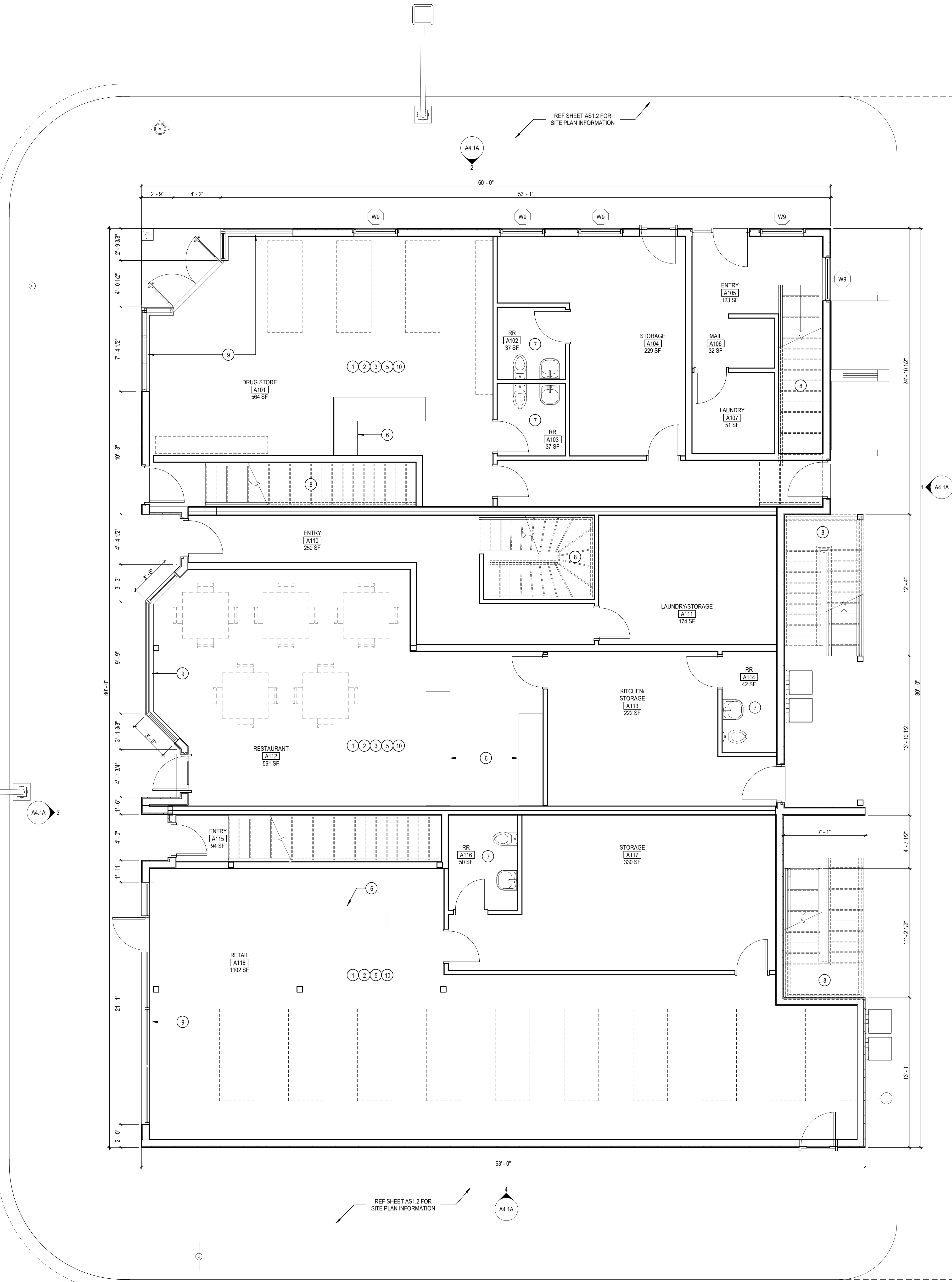
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REF SHEET AS1.2 FOR
SITE PLAN INFORMATION



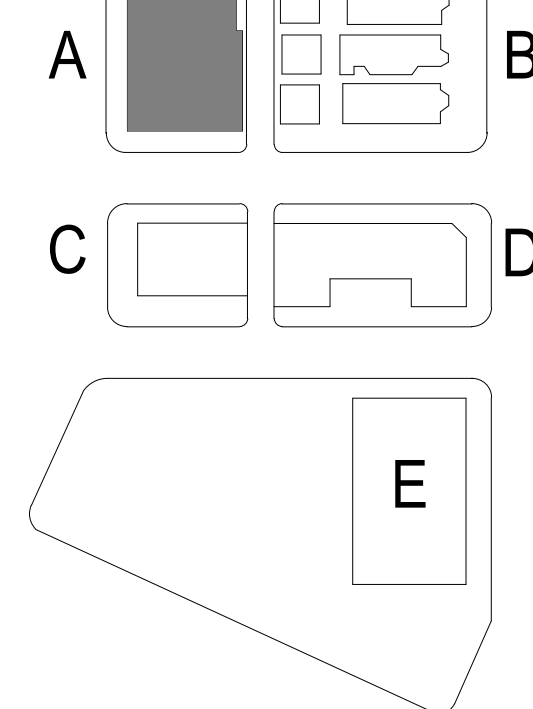
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PLAN KEY NOTES - TACTICAL

- 1 ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- 2 EXPOSED STRUCTURE, NO FINISH AT CEILING.
- 3 ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAINT.
- 4 ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING; FINISH: HIGHLY DURABLE, NON-SLIP PAINT.
- 5 EXPOSED CONCRETE SLAB ON GRADE.
- 6 BUILT-IN PLYWOOD MILLWORK AS SHOWN. PROVIDE WOOD BLOCKING, FLOORING, SHIMS AND HANGING STRIPS WHERE REQUIRED TO INSTALL MILLWORK. FINISH: PAINT.
- 7 PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- 8 WOOD-FRAMED STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS. HANDRAIL ONLY WHERE ADJACENT TO WALL.
- 9 EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WELDED WITH SAFETY GLAZING. FINISH: FACTORY PRIME AND FIELD PAINTED.
- 10 ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WELDED STEEL FRAMES. FINISH: FACTORY PRIME AND FIELD PAINTED.
- 11 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM. SLOPE TO GUTTERS AND DOWNSPOUTS. PREFINISHED METAL COPING AT PARAPETS.
- 12 GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS. PROVIDE ROOF VENTS AS REQUIRED.
- 13 ROOF ANCHOR. REFERENCE STRUCTURAL FOR STAND-ALONE STRUCTURE.
- 14 CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 15 16'-0" x 7'-0" STEEL SECTIONAL DOOR.
- 16 CAST-IN-PLACE CONCRETE STAIR.
- 17 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN



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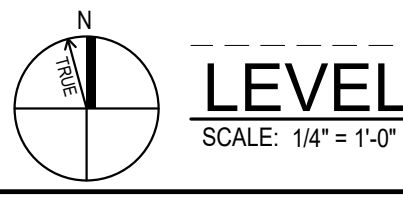
LEVEL 01 FLOOR
PLAN - AREA A

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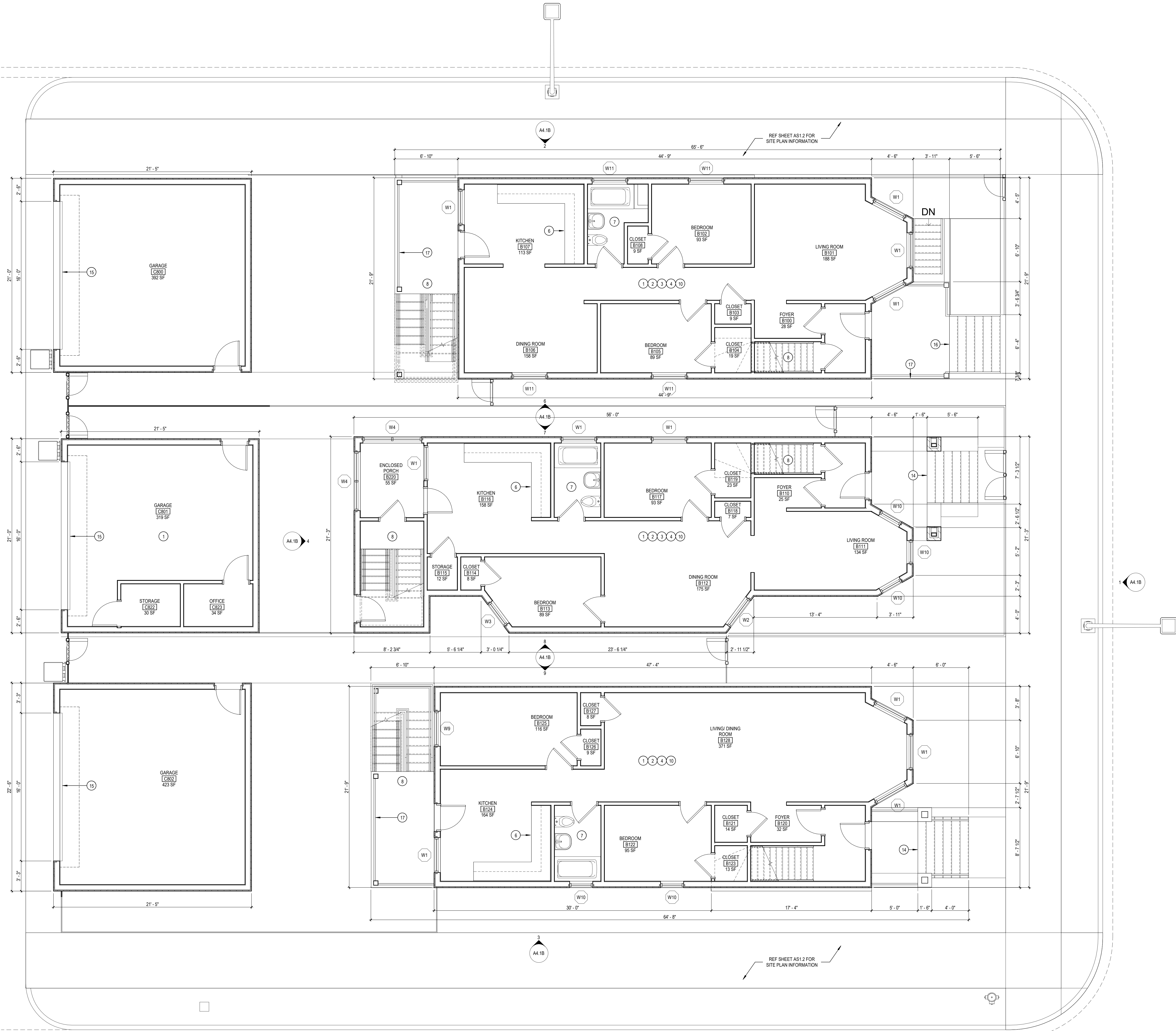
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LEVEL 01 FLOOR PLAN - AREA B

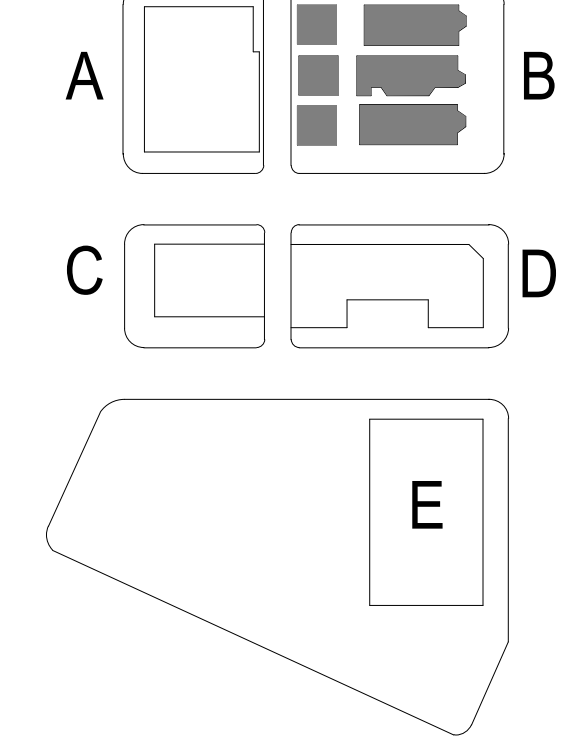
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PLAN KEY NOTES - TACTICAL

- ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- EXPOSED STRUCTURE, NO FINISH AT CEILING.
- ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAINT.
- ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING; FINISH: HIGHLY DURABLE, NON-SLIP PAINT.
- EXPOSED CONCRETE SLAB ON GRADE.
- BUILT-IN PLYWOOD MILLWORK AS SHOWN. PROVIDE WOOD BLOCKING, FLOORING, SHIMS AND HANGING STRIPS WHERE REQUIRED TO INSTALL MILLWORK. FINISH: PAINT.
- PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- WOOD-FRAMED STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS. HANDRAIL ONLY WHERE ADJACENT TO WALL.
- EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WELDED WITH SAFETY GLAZING. FINISH: FACTORY PRIME AND FIELD PAINTED.
- ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WELDED STEEL FRAMES. FINISH: FACTORY PRIME AND FIELD PAINTED.
- THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM. SLOPE TO GUTTERS AND DOWNSPOUTS. PREFINISHED METAL COPING AT PARAPETS.
- GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS. PROVIDE ROOF VENTS AS REQUIRED.
- ROOF ANCHOR. REFERENCE STRUCTURAL FOR STAND-ALONE STRUCTURE.
- CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 16'-0" x 7'-0" STEEL SECTIONAL DOOR.
- CAST-IN-PLACE CONCRETE STAIR.
- 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN



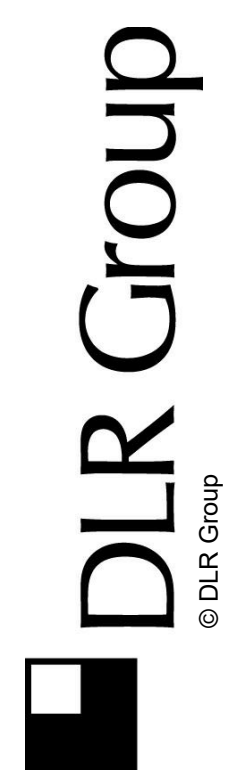
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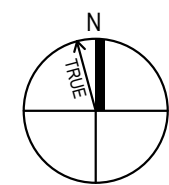
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LEVEL 01 FLOOR PLAN - AREA B

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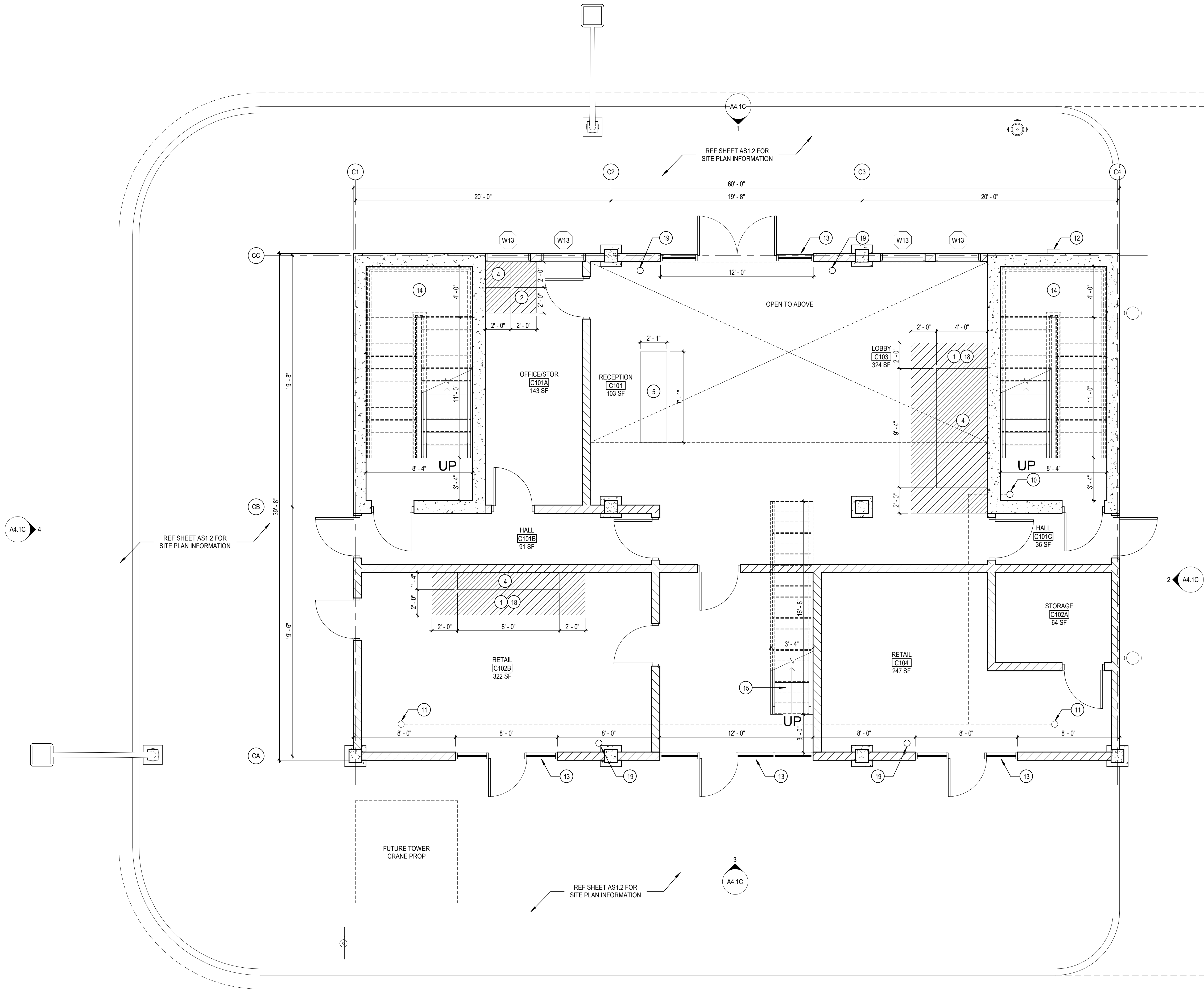


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LEVEL 01 FLOOR PLAN - AREA C

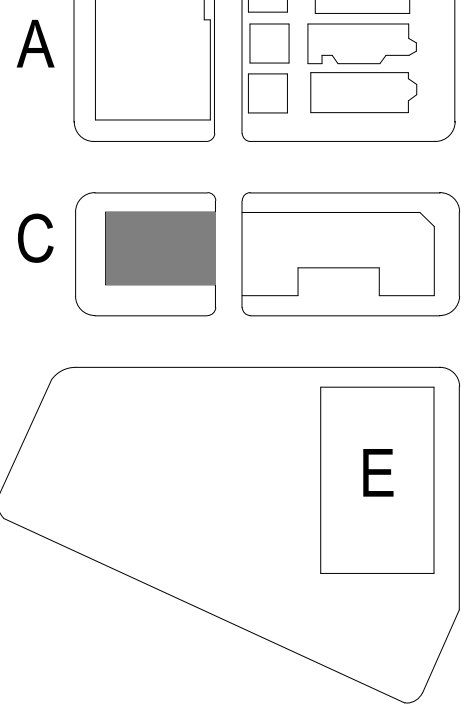
SCALE: 1/4" = 1'-0"



PLAN KEY NOTES - LIVE FIRE

- BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
- BURN AREA ALTERNATE NO. 1 - FIRE BRICK FLOORING LOOSE LAID IN STEEL PAN ON TOP OF CONCRETE FLOOR. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS AS PART OF BASE BID. REFER TO SPEC SECTION 012000 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- BURN AREA ALTERNATE NO. 2 - PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS AS PART OF BASE BID. REFER TO SPEC SECTION 012000 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- ALTERNATE NO. 5: STEEL BURN RACK.
- 8" CMU WALL ASSEMBLY, 32" HIGH WITH CONCRETE SLAB TOPPING.
- 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
- CAST IRON (4-INCH MIN) FLOOR DRAIN WITH FLUSH STAINLESS STEEL GRATE. PIPE TO GROUND FLOOR AND THRU EXTERIOR WALL WITH LAMBS TONGUE TO SIDEWALK. CONCRETE FLOOR SLAB TO SLOPE TOWARDS FLOOR DRAIN AT 1/8" PER FOOT.
- NOT USED.
- CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- SPRINKLER HEAD.
- FIRE DEPARTMENT CONNECTION.
- HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
- CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- SLAB-MOUNTED ROPE ANCHOR.
- 2 1/2" CONCRETE FLOOR RECESS. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS.
- ROOF AND FLOOR DRAIN RISER, OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- ROOF LADDER.

KEY PLAN



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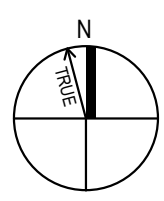
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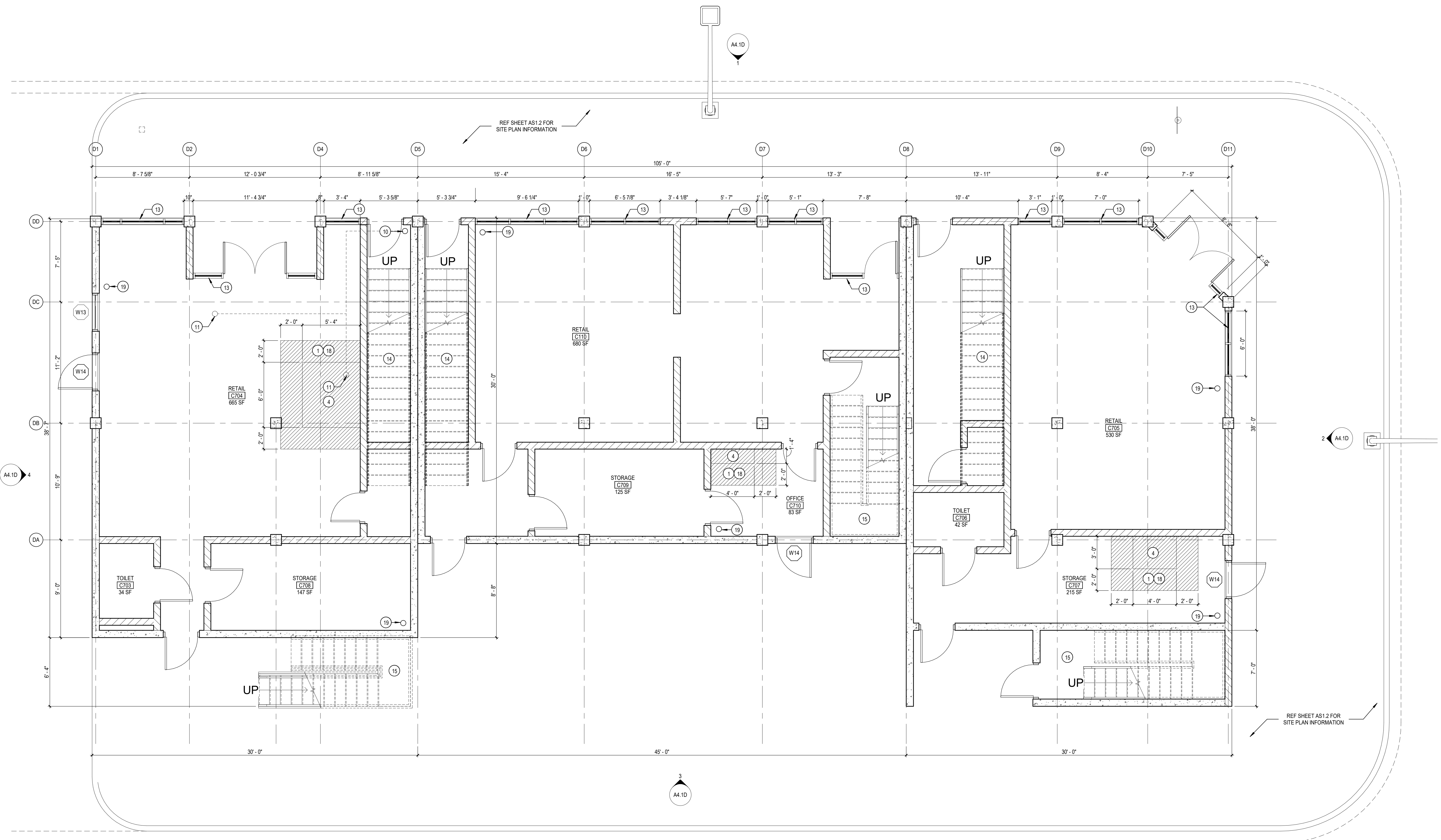
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LEVEL 01 FLOOR PLAN - AREA D

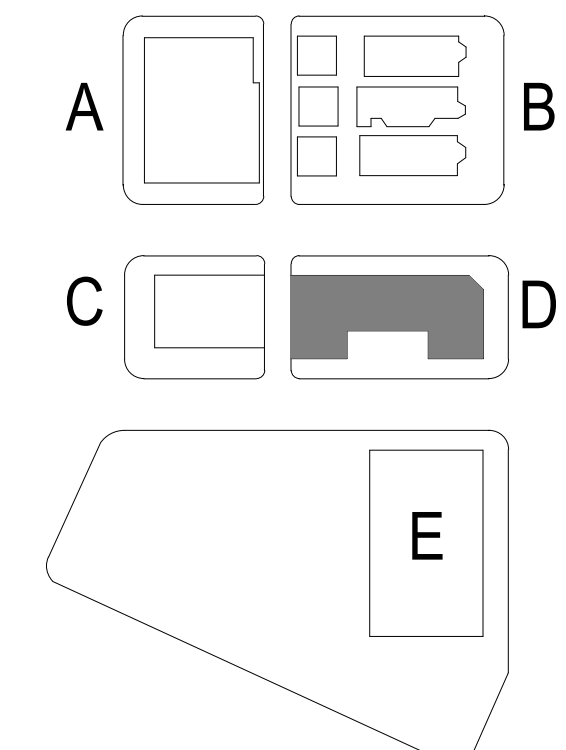
SCALE: 1/4" = 1'-0"




PLAN KEY NOTES - LIVE FIRE

- 1 BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
- 2 BURN AREA ALTERNATE NO. 1 - FIRE BRICK FLOORING LOOSE LAID IN STEEL PAN ON TOP OF CONCRETE FLOOR. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- 3 BURN AREA ALTERNATE NO. 2 - PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS AS PART OF BASE BID. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- 4 ALTERNATE NO. 5: STEEL BURN RACK.
- 5 8" CMU WALL ASSEMBLY, 32" HIGH WITH CONCRETE SLAB TOPPING.
- 6 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
- 7 CAST IRON (4-INCH MIN) FLOOR DRAIN WITH FLUSH STAINLESS STEEL GRATE. PIPE TO GROUND FLOOR AND THRU EXTERIOR WALL WITH LAMBS TONGUE TO SIDEWALK. CONCRETE FLOOR SLAB TO SLOPE TOWARDS FLOOR DRAIN AT 1/8" PER FOOT.
- 8 NOT USED.
- 9 CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- 10 STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- 11 SPRINKLER HEAD.
- 12 FIRE DEPARTMENT CONNECTION.
- 13 HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
- 14 CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 15 CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 16 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- 17 SLAB-MOUNTED ROPE ANCHOR.
- 18 2 1/2" CONCRETE FLOOR RECESS. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS.
- 19 ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- 20 ROOF LADDER.

KEY PLAN





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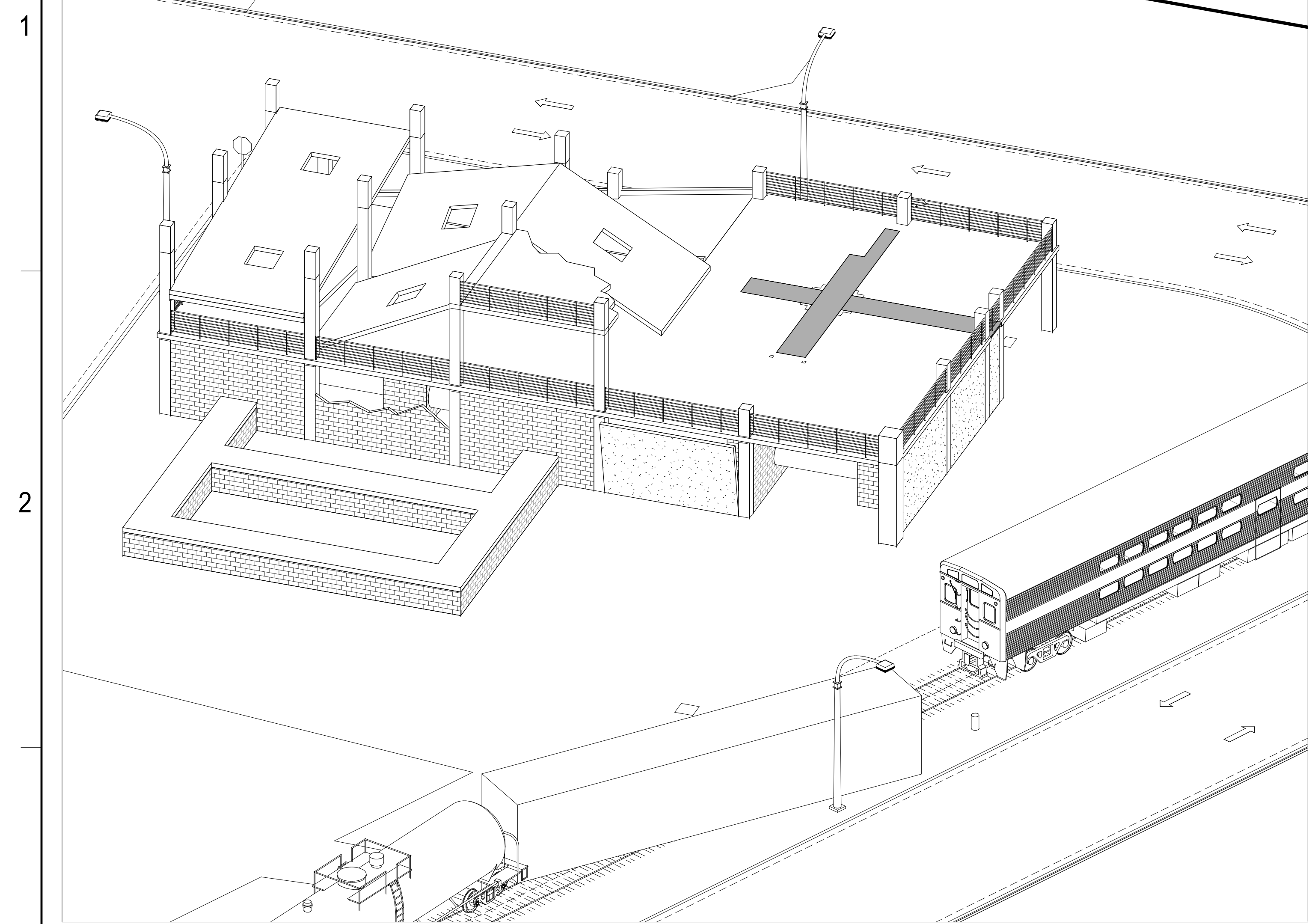
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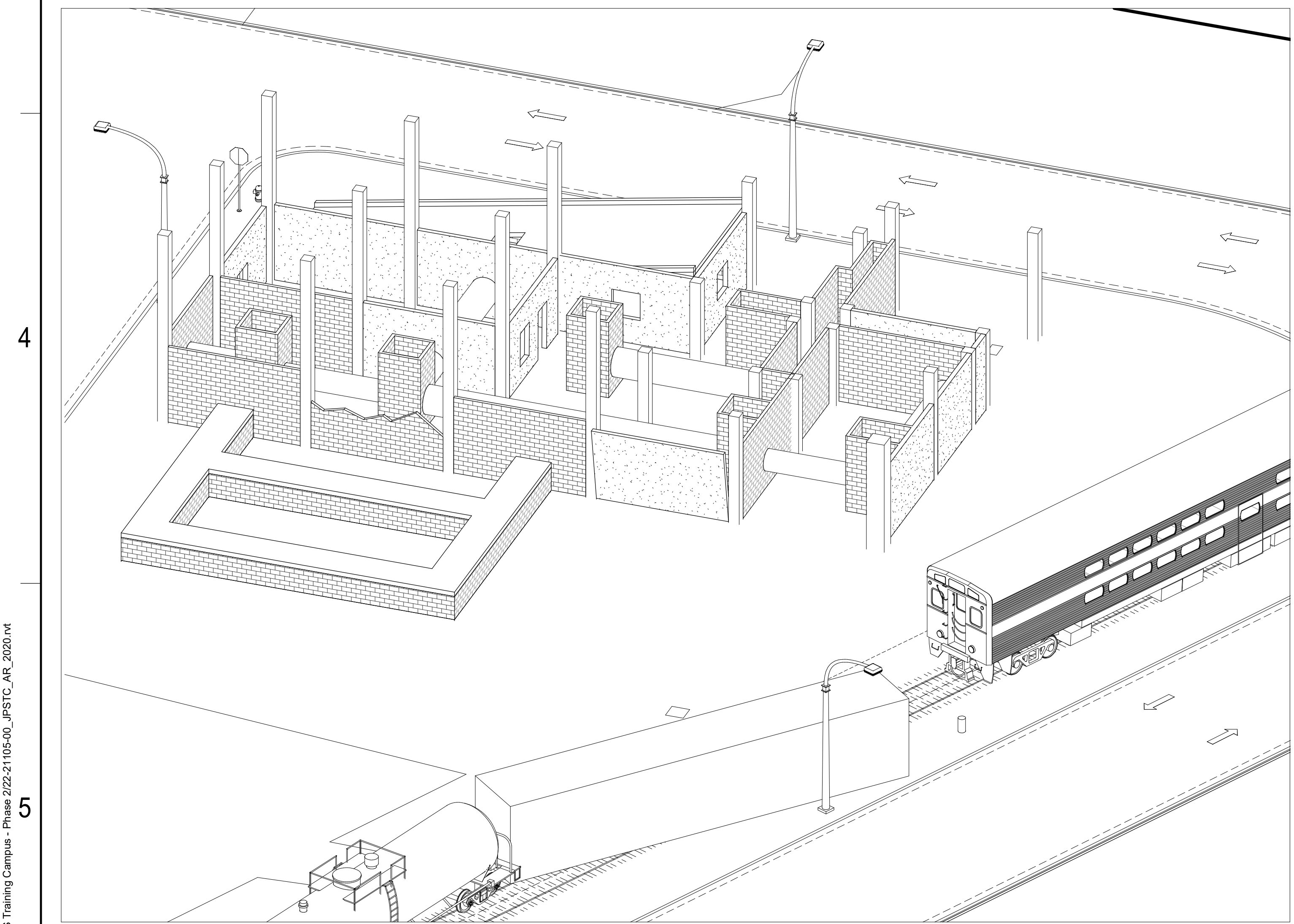
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LEVEL 01 FLOOR PLAN - AREA D

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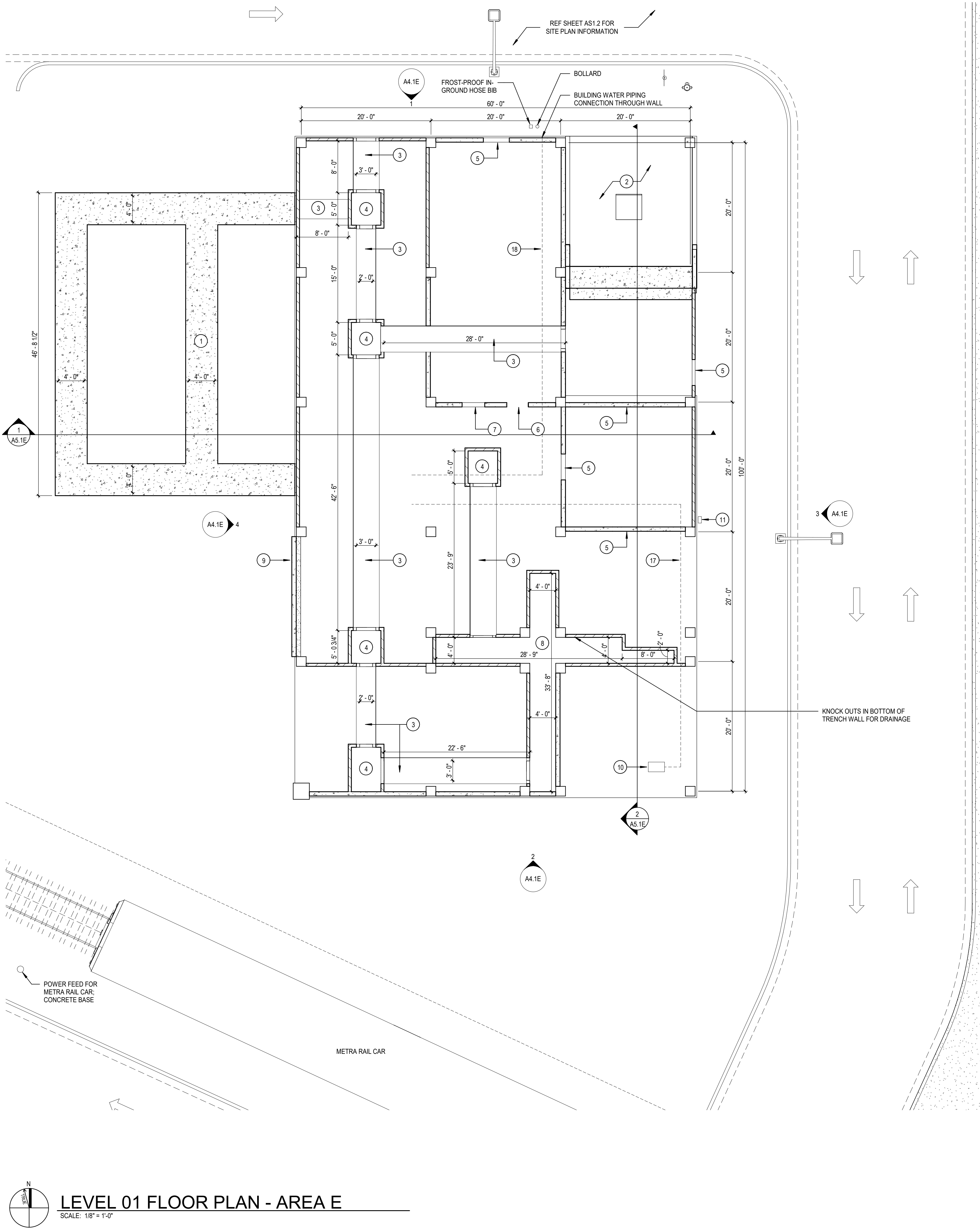
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TECHNICAL RESCUE PROP AXON - LEVEL 02
SCALE:



TECHNICAL RESCUE PROP AXON - LEVEL 01
SCALE:

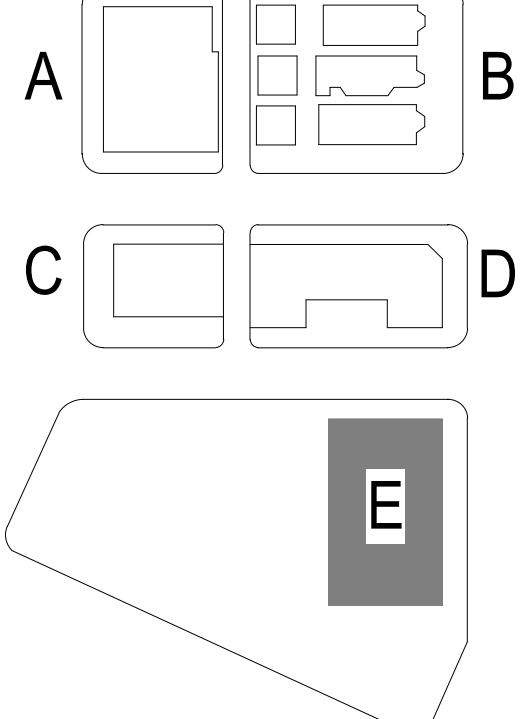


LEVEL 01 FLOOR PLAN - AREA E
SCALE: 1/8" = 1'-0"

PLAN KEY NOTES - RESCUE PROP

- 1 ALTERNATE NO. 4 3'-6" HIGH ABOVE GROUND WALLS WITH CONCRETE SLAB TOP FOR CONFINED SPACE TRAINING. COORDINATE OPENINGS WITH CFD. SURROUNDING STRUCTURE AND PARTIALLY TOP WITH CONCRETE / REBAR RUBBLE PILES TO SIMULATE REALISTIC SCENE RESCUE TRAINING.
- 2 CAST-IN-PLACE CONCRETE RAMP.
- 3 CONCRETE PIPE FOR CONFINED SPACE TRAINING.
- 4 FULL-HEIGHT VAULT, 8" CMU WALL ASSEMBLY.
- 5 4'-0" x 4'-0" OPENING IN WALL OR FLOOR WITH SACRIFICIAL CONCRETE PANEL FOR BREACHING. PROVIDE FORM ON-SITE FOR CFD TO MAKE REPLACEMENT PANELS.
- 6 3'-0" x 7'-0" DOOR OPENING SLANTED 1 DEGREE.
- 7 3'-0" x 5'-0" WINDOW OPENING SLANTED 1 DEGREE.
- 8 FULL-HEIGHT ABOVE-GROUND TRENCH, 8" REINFORCED CMU WALLS, FIBERGLASS GRATE COVER GRATES SHALL BE SECTIONED FOR REMOVAL WITHOUT USE OF EQUIPMENT.
- 9 CONCRETE SHEAR WALL HINGED AT FOUNDATION, TILTED 15 DEGREES WITH RESTRAINTS TO LIMIT MOVEMENT.
- 10 AIR COMPRESSOR.
- 11 GAS VALVE FOR MOCK GAS-LEAK TRAINING.
- 12 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- 13 SIMULATED THIRD RAIL WITH 12 VOLT SYSTEM.
- 14 PRE-CAST CONCRETE COLLAPSED PANEL.
- 15 PRE-CAST CONCRETE PARTIALLY BROKEN PANEL.
- 16 GAS PIPING FOR MOCK GAS-LEAK TRAINING.
- 17 WATER SUPPLY LINE.
- 18 42" HIGH POST-SUPPORTED GUARDRAIL, NO INFILL.

KEY PLAN



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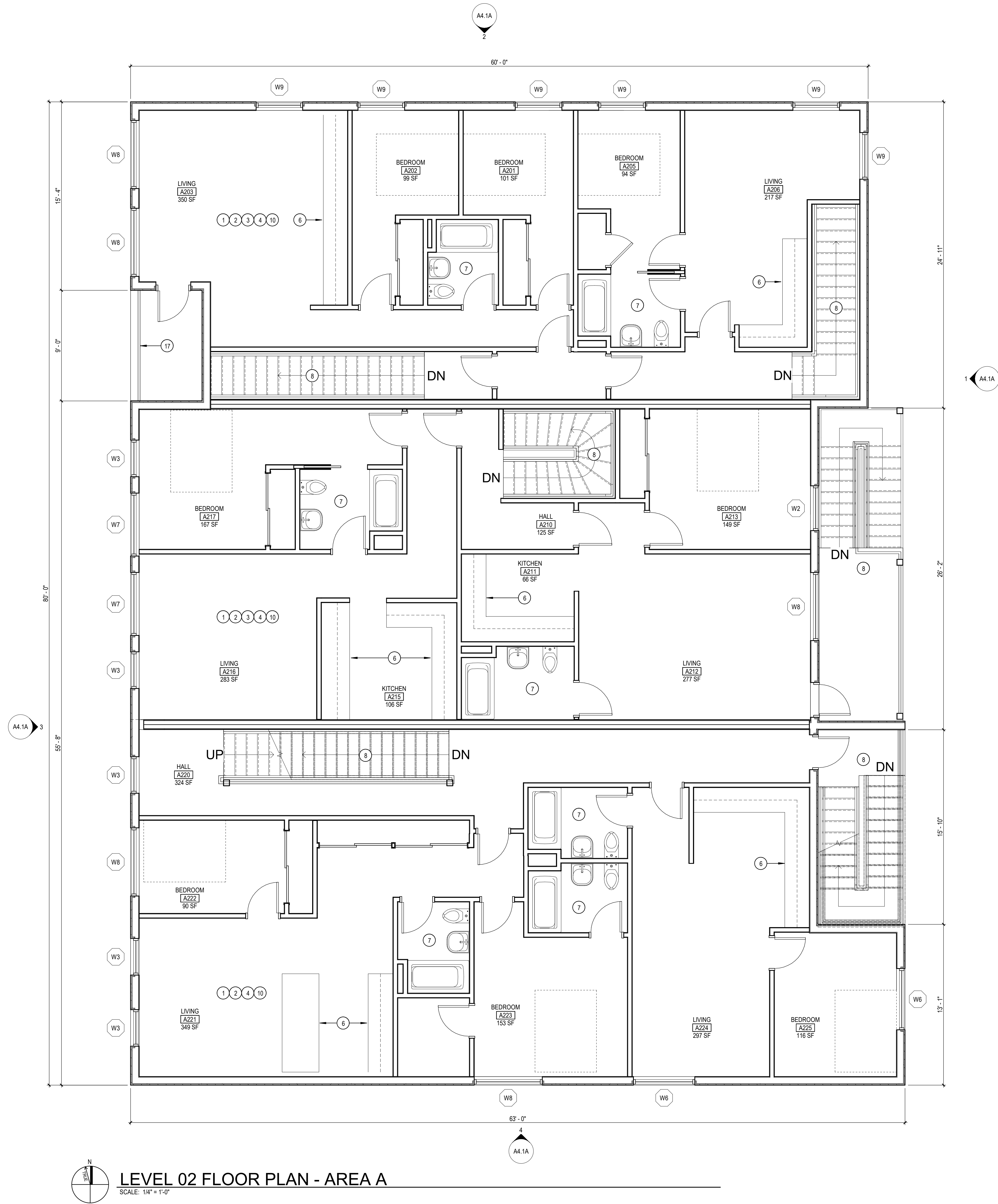
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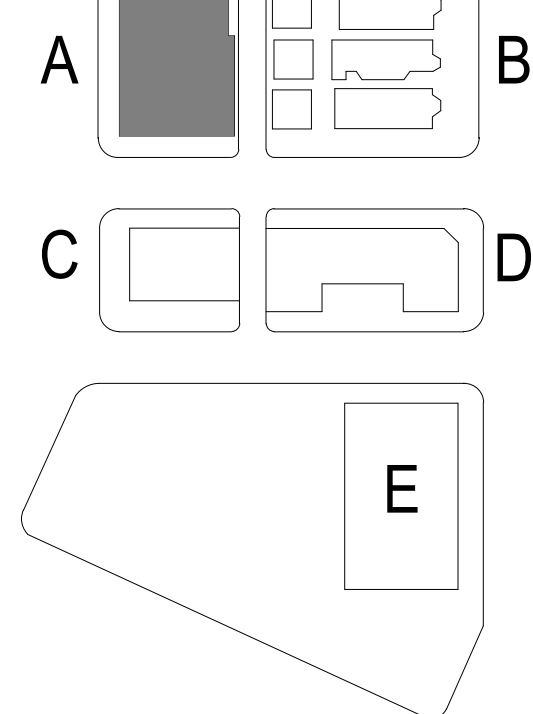
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PLAN KEY NOTES - TACTICAL

- 1 ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- 2 EXPOSED STRUCTURE, NO FINISH AT CEILING.
- 3 ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAINT.
- 4 ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING; FINISH: HIGHLY DURABLE, NON-SLIP PAINT.
- 5 EXPOSED CONCRETE SLAB ON GRADE.
- 6 BUILT-IN PLYWOOD MILLWORK AS SHOWN. PROVIDE WOOD BLOCKING, FLOORING, SHIMS AND HANGING STRIPS WHERE REQUIRED TO INSTALL MILLWORK. FINISH: PAINT.
- 7 PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- 8 WOOD-FRAMED STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS. HANDRAIL ONLY WHERE ADJACENT TO WALL.
- 9 EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WELDED WITH SAFETY GLAZING. FINISH: FACTORY PRIME AND FIELD PAINTED.
- 10 ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WELDED STEEL FRAMES. FINISH: FACTORY PRIME AND FIELD PAINTED.
- 11 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM. SLOPE TO GUTTERS AND DOWNSPOUTS. PREFINISHED METAL COPING AT PARAPETS.
- 12 GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS. PROVIDE ROOF VENTS AS REQUIRED.
- 13 ROOF ANCHOR. REFERENCE STRUCTURAL FOR STAND-ALONE STRUCTURE.
- 14 CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 15 16'-0" x 7'-0" STEEL SECTIONAL DOOR.
- 16 CAST-IN-PLACE CONCRETE STAIR.
- 17 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN



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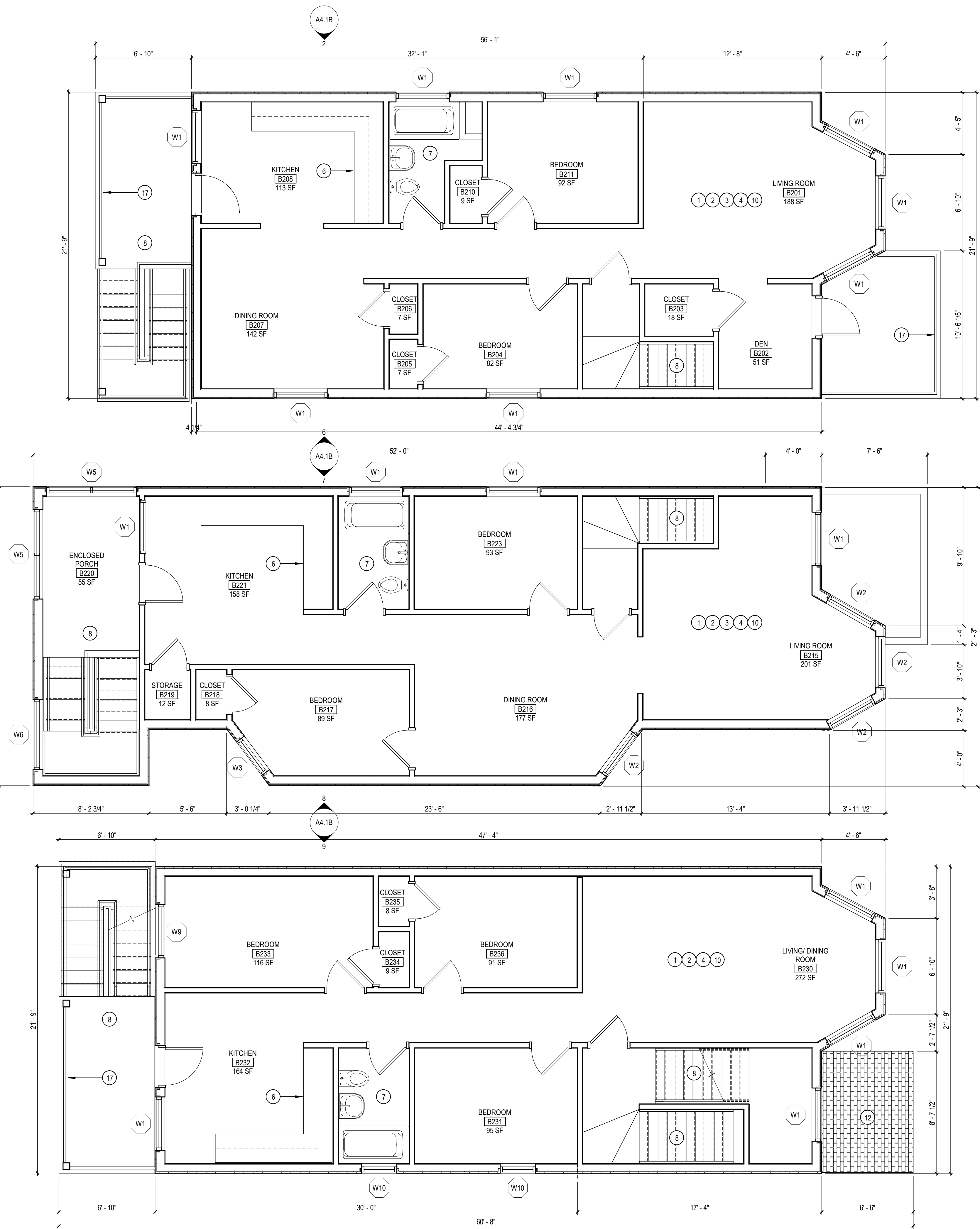
LEVEL 02 FLOOR PLAN - AREA A

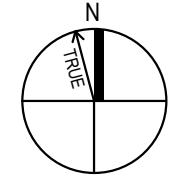
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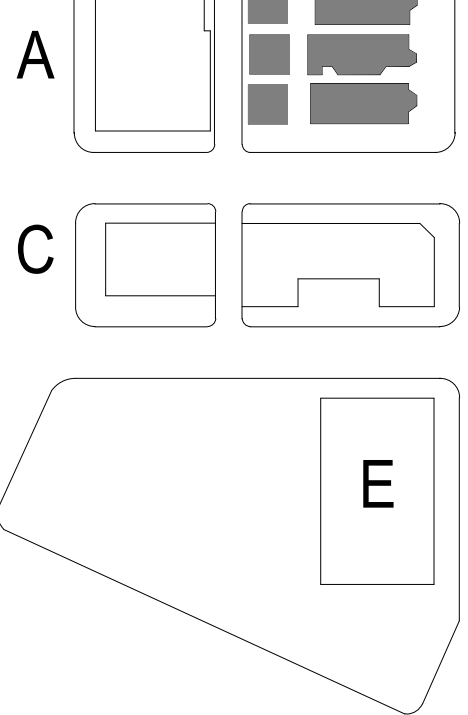


 **LEVEL 02 FLOOR PLAN - AREA B**
SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - TACTICAL

- ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- EXPOSED STRUCTURE, NO FINISH AT CEILING.
- ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAINT.
- ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING; FINISH: HIGHLY DURABLE, NON-SLIP PAINT.
- EXPOSED CONCRETE SLAB ON GRADE.
- BUILT-IN PLYWOOD MILLWORK AS SHOWN. PROVIDE WOOD BLOCKING, FURRING, SHIMS AND HANGING STRIPS WHERE REQUIRED TO INSTALL MILLWORK. FINISH: PAINT.
- PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- WOOD-FRAMED STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS. HANDRAIL ONLY WHERE ADJACENT TO WALL.
- EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WELDED WITH SAFETY GLAZING. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WELDED STEEL FRAMES. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM. SLOPE TO GUTTERS AND DOWNSPOUTS. PREFINISHED METAL COPING AT PARAPETS.
- GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS. PROVIDE ROOF VENTS AS REQUIRED.
- ROOF ANCHOR. REFERENCE STRUCTURAL FOR STAND-ALONE STRUCTURE.
- CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 16'-0" x 7'-0" STEEL SECTIONAL DOOR.
- CAST-IN-PLACE CONCRETE STAIR.
- 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN



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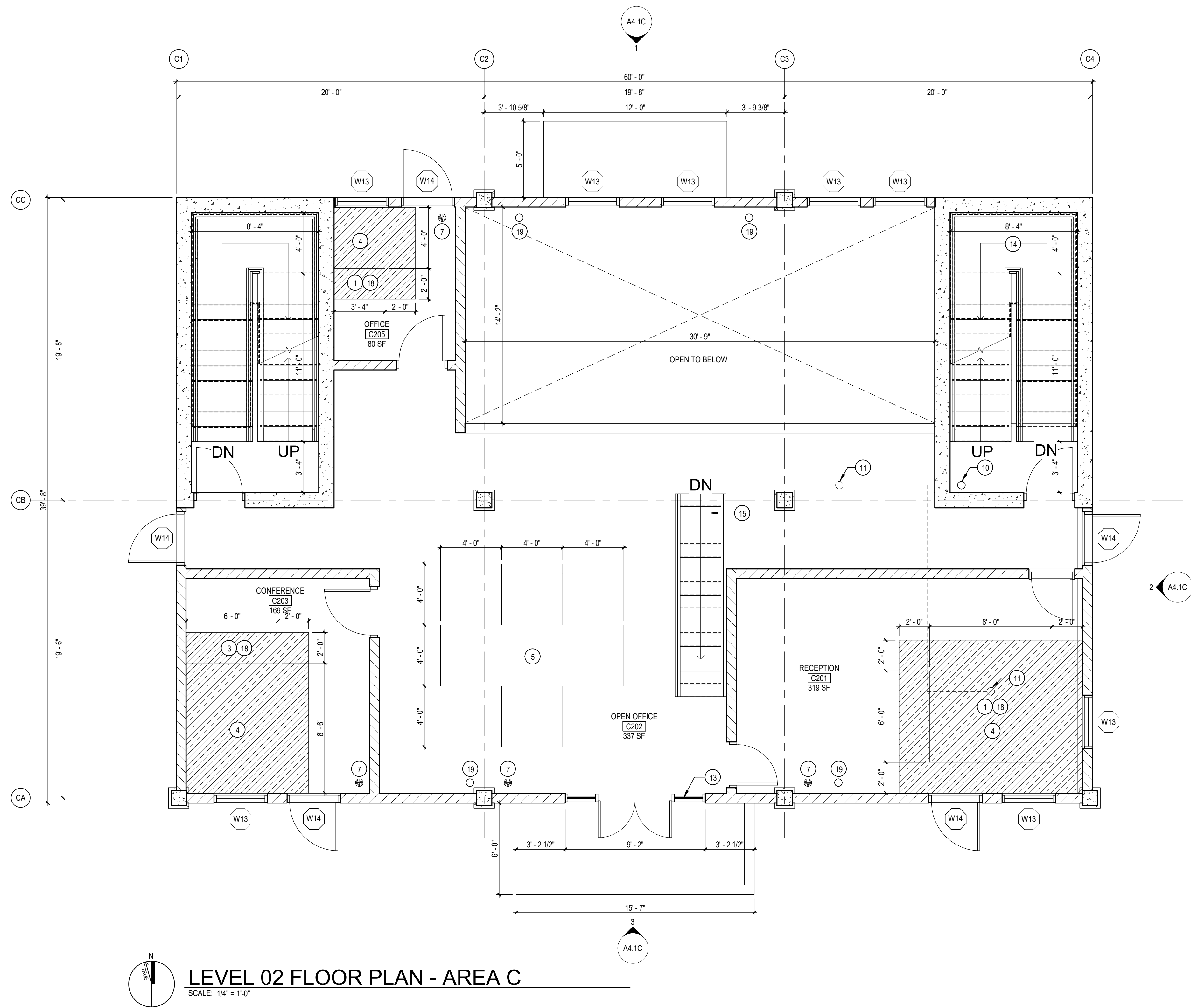
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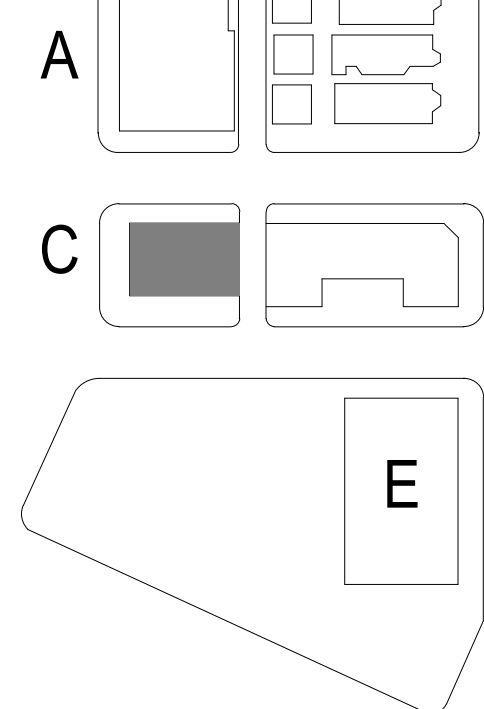
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PLAN KEY NOTES - LIVE FIRE

- BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
- BURN AREA ALTERNATE NO. 1 - FIRE BRICK FLOORING LOOSE LAID IN STEEL PAN ON TOP OF CONCRETE FLOOR. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- BURN AREA ALTERNATE NO. 2 - PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS AS PART OF BASE BID. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- ALTERNATE NO. 5: STEEL BURN RACK.
- 8" CMU WALL ASSEMBLY, 32" HIGH WITH CONCRETE SLAB TOPPING.
- 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
- CAST IRON (4-INCH MIN) FLOOR DRAIN WITH FLUSH STAINLESS STEEL GRATE. PIPE TO GROUND FLOOR AND THRU EXTERIOR WALL WITH LAMBS TONGUE TO SIDEWALK. CONCRETE FLOOR SLAB TO SLOPE TOWARDS FLOOR DRAIN AT 1/8" PER FOOT.
- NOT USED.
- CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- SPRINKLER HEAD.
- FIRE DEPARTMENT CONNECTION.
- HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC-PRIME COATING.
- CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- SLAB-MOUNTED ROPE ANCHOR.
- 2 1/2" CONCRETE FLOOR RECESS. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS.
- ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- ROOF LADDER.

KEY PLAN



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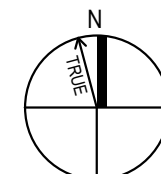
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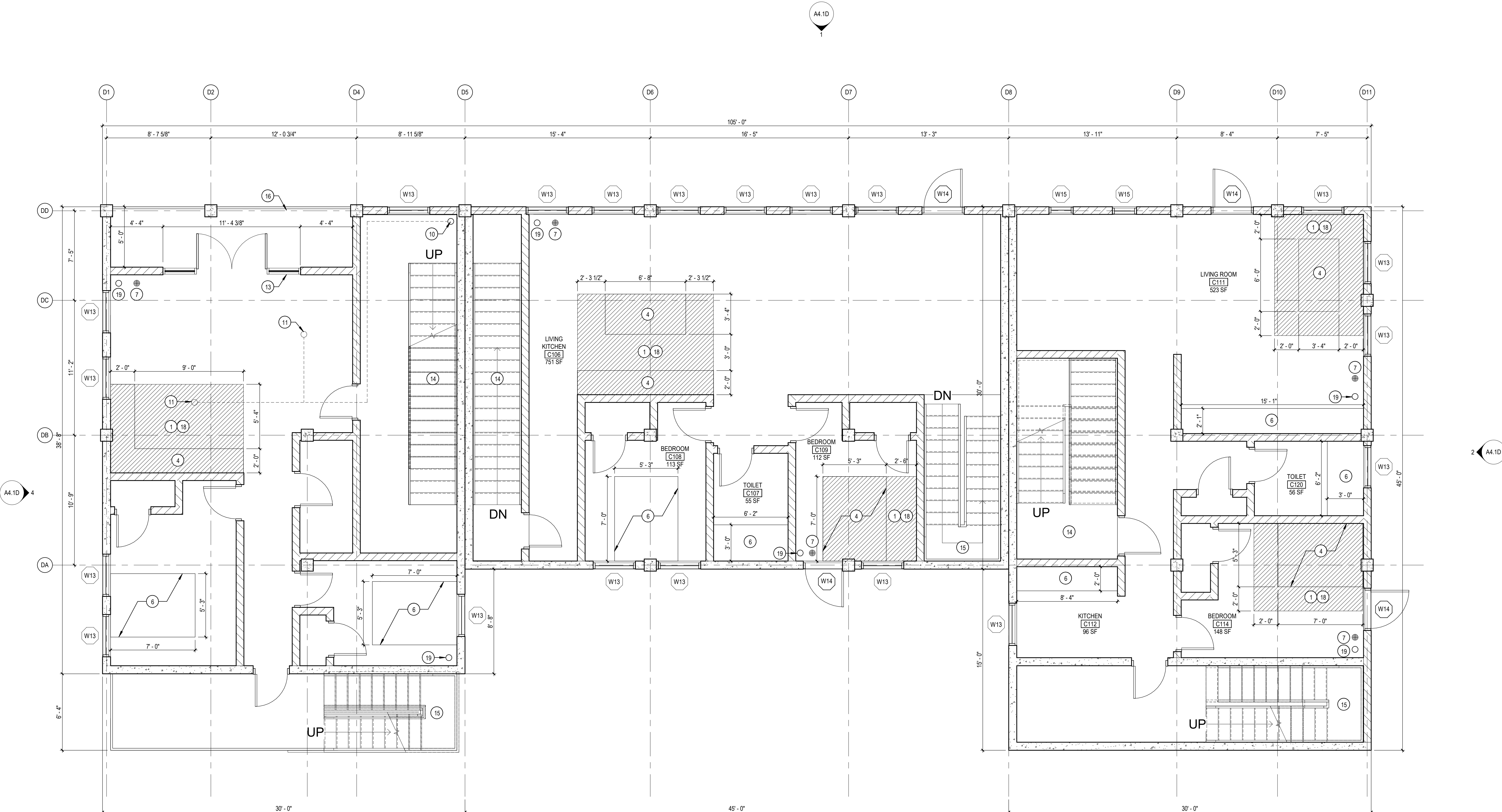
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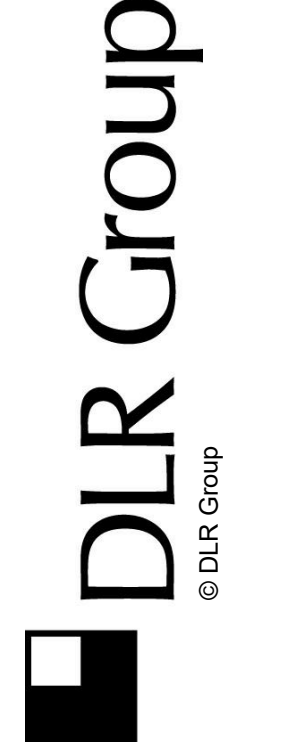
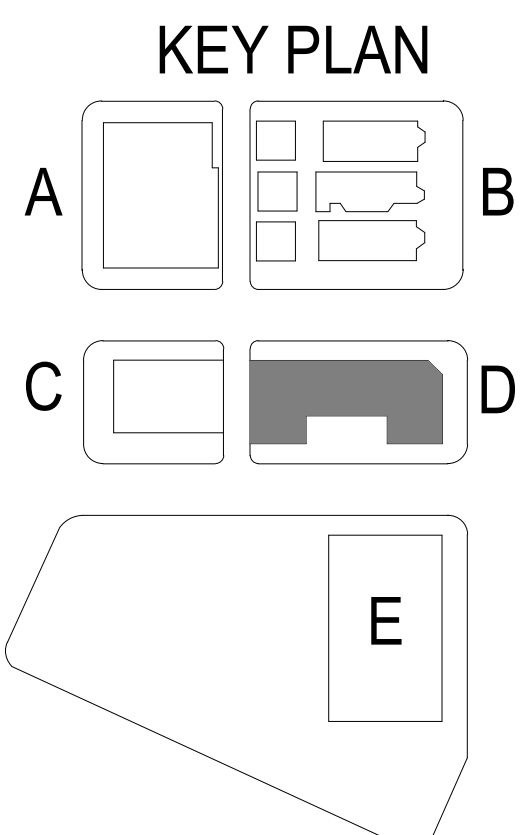


LEVEL 02 FLOOR PLAN - AREA D

SCALE: 1/4" = 1'-0"



- PLAN KEY NOTES - LIVE FIRE
- 1 BURN AREA - FIRE BRICK FLOORING LOOSE LAD INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
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 - 4 ALTERNATE NO. 5. STEEL BURN RACK.
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 - 6 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
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 - 8 NOT USED.
 - 9 CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
 - 10 STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
 - 11 SPRINKLER HEAD.
 - 12 FIRE DEPARTMENT CONNECTION.
 - 13 HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
 - 14 CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
 - 15 CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
 - 16 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
 - 17 SLAB-MOUNTED ROPE ANCHOR.
 - 18 2 1/2" CONCRETE FLOOR RECESS. FIRE BRICK FLOORING LOOSE LAD INTO CONCRETE FLOOR RECESS.
 - 19 ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
 - 20 ROOF LADDER.



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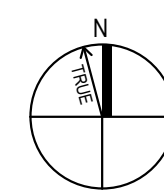
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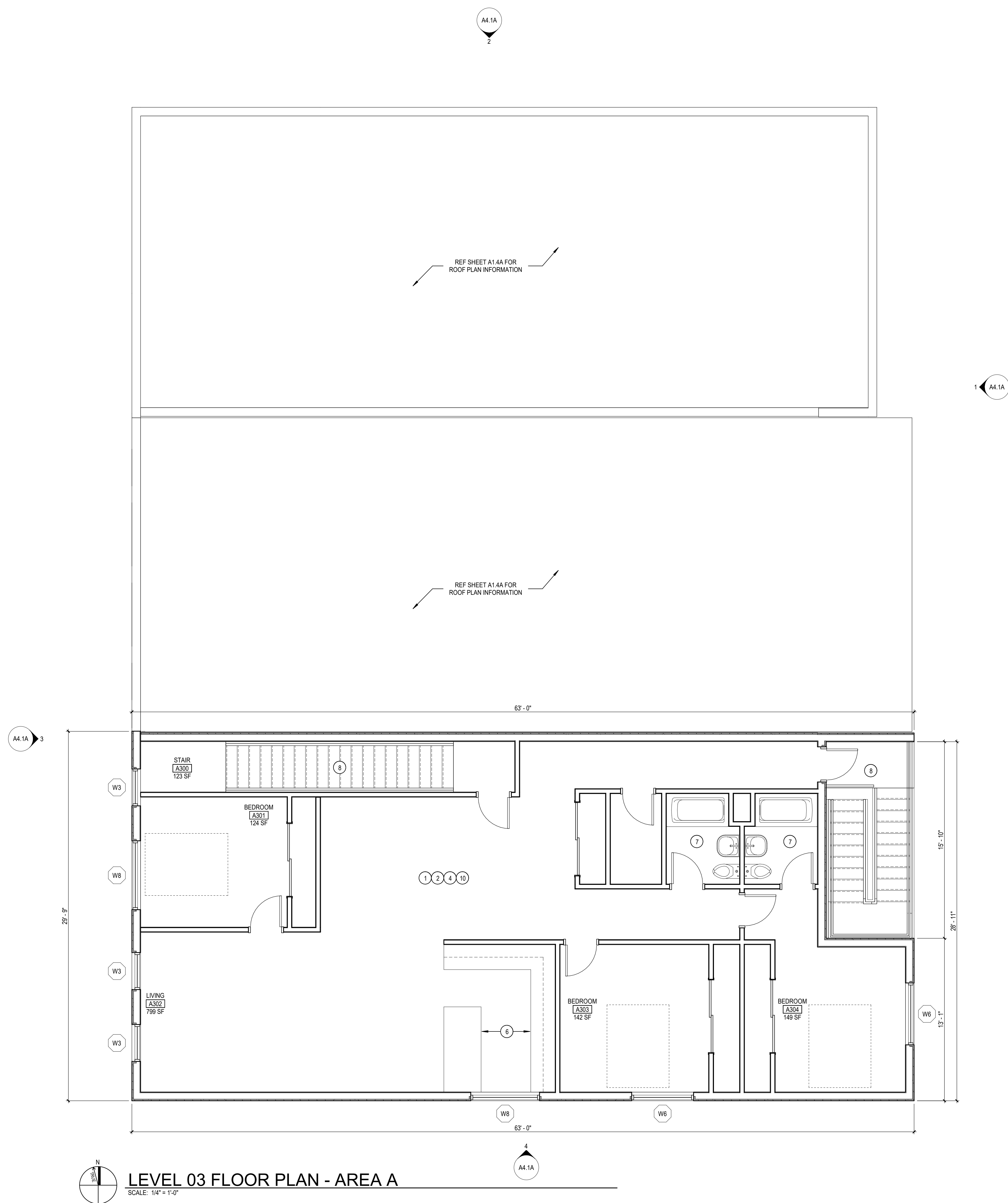
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LEVEL 02 FLOOR PLAN - AREA D

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- 1 ALTERNATE NO. 4: 3'-0" HIGH ABOVE-GROUND WALLS WITH CONCRETE SLAB TOP FOR CONFINED SPACE TRAINING. COORDINATE OPENINGS WITH CFD SURROUND STRUCTURE AND PARTIALLY TOP WITH CONCRETE / REBAR RUBBLE PILES TO SIMULATE REALISTIC SCENE RESCUE TRAINING.
- 2 CAST-IN-PLACE CONCRETE RAMP.
- 3 CONCRETE PIPE FOR CONFINED SPACE TRAINING.
- 4 FULL-HEIGHT WALL, 8" CMU WALL ASSEMBLY.
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- 6 3'-0" x 7'-0" DOOR OPENING SLANTED 1 DEGREE.
- 7 3'-0" x 5'-0" WINDOW OPENING SLANTED 1 DEGREE.
- 8 FULL-HEIGHT ABOVE-GROUND TRENCH, 8" REINFORCED CMU WALLS, FIBERGLASS GRATE COVER. GRATES SHALL BE SECTORIZED FOR REMOVAL WITHOUT USE OF EQUIPMENT.
- 9 CONCRETE SHEAR WALL HINGED AT FOUNDATION, TILTED 15 DEGREES WITH RESTRAINTS TO LIMIT MOVEMENT.
- 10 AIR COMPRESSOR.
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- 12 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFL.
- 13 SIMULATED THIRD RAIL WITH 12 VOLT SYSTEM.
- 14 PRE-CAST CONCRETE COLLAPSED PANEL.
- 15 PRE-CAST CONCRETE PARTIALLY BROKEN PANEL.
- 16 GAS PIPING FOR MOCK GAS-LEAK TRAINING.
- 17 WATER SUPPLY LINE.
- 18 42" HIGH POST-SUPPORTED GUARDRAIL, NO INFL.



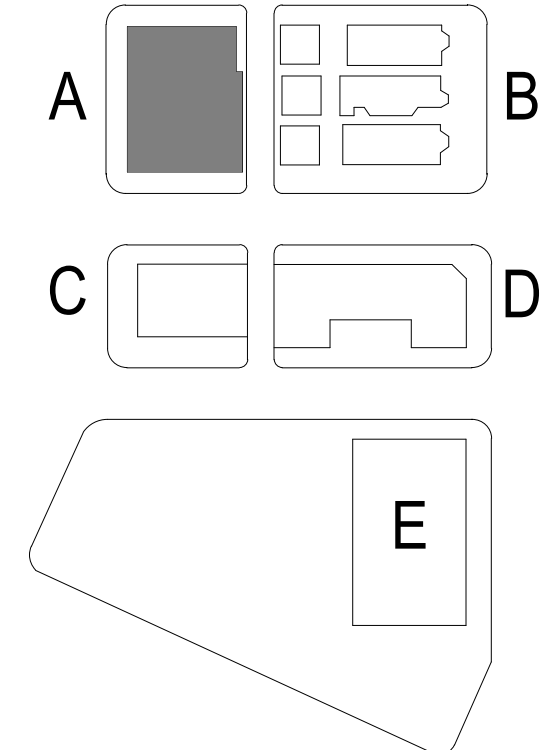
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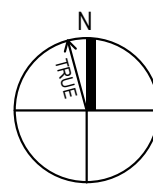
PLAN KEY NOTES - TACTICAL

- 1 ALL INTERIOR PARTITIONS SHALL BE 3/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- 2 EXPOSED STRUCTURE SHALL BE CEILING.
- 3 ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAPER.
- 4 ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING. FINISH: HIGHLY DURABLE, NON-SLIP PLANT.
- 5 EXPOSED CONCRETE SLAB ON GRADE.
- 6 BUILT-UP MILLWORK MILLWORK AS SHOWN, PROVIDE WOOD BLOCKING, FURRING, SHIMS AND HANGING STOPS WHERE REQUIRED TO INSTALL MILLWORK. FINISH: PANT.
- 7 PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- 8 WOOD-FRAMED STAIR: RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 12" SPACING VERTICAL PICKETS. HANDRAIL NOT WHERE ADJACENT TO WALL.
- 9 EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WEATHERED WITH SAFETY GLAZING. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- 10 ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WEEL STEEL FINISH. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- 11 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM, SLOPE TO GUTTERS AND DOWNSPOUTS. PREFINISHED METAL COPING AT PARAPETS.
- 12 GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS. PROVIDE ROOF VENTS AS REQUIRED.
- 13 ROOF ANCHOR REFERENCE STRUCTURE FOR STAND-ALONE STRUCTURE.
- 14 CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 15 16"x9"x7" STEEL SECTIONAL DOOR.
- 16 CAST-IN-PLACE CONCRETE STAIR.
- 17 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN

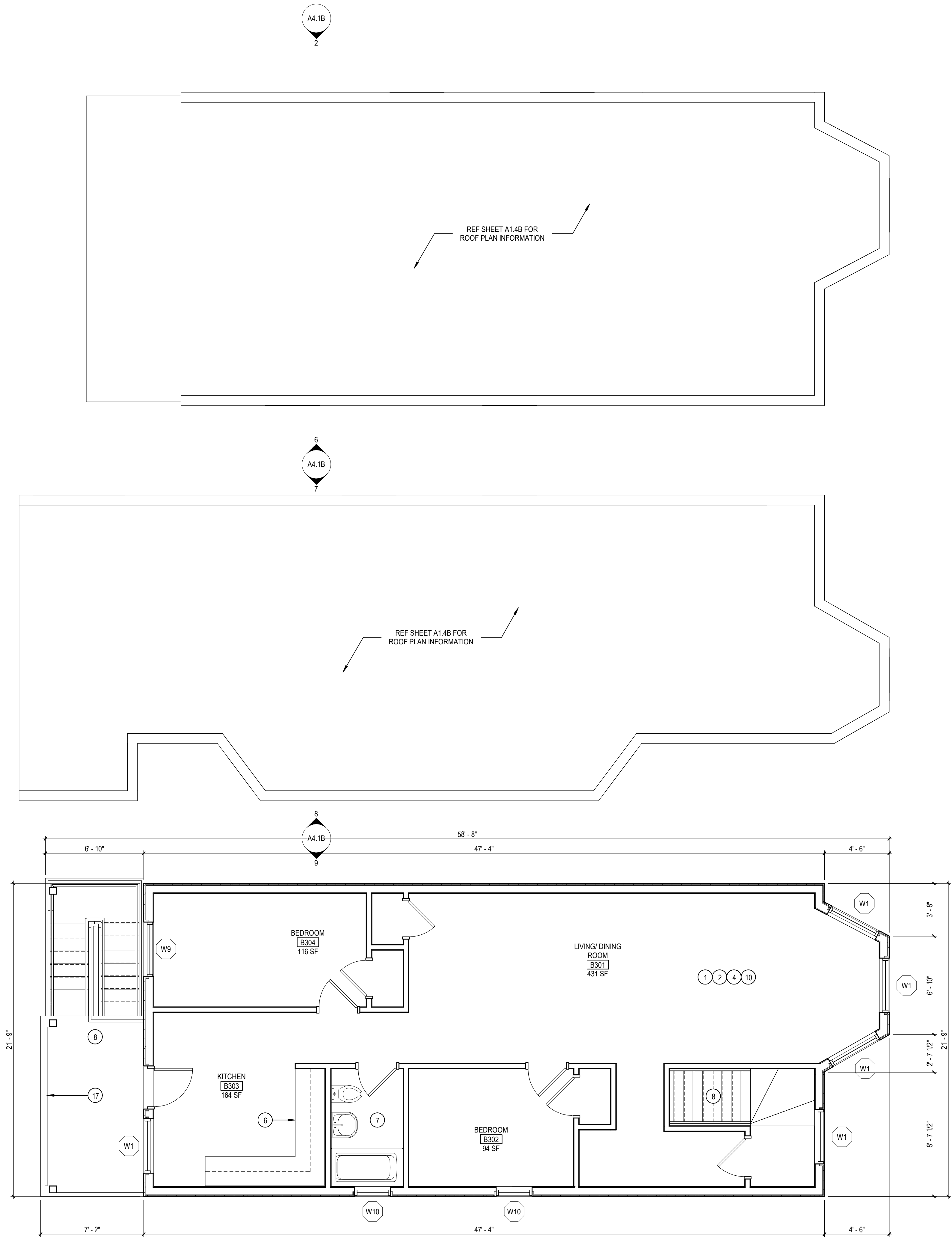


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LEVEL 03 FLOOR PLAN - AREA B

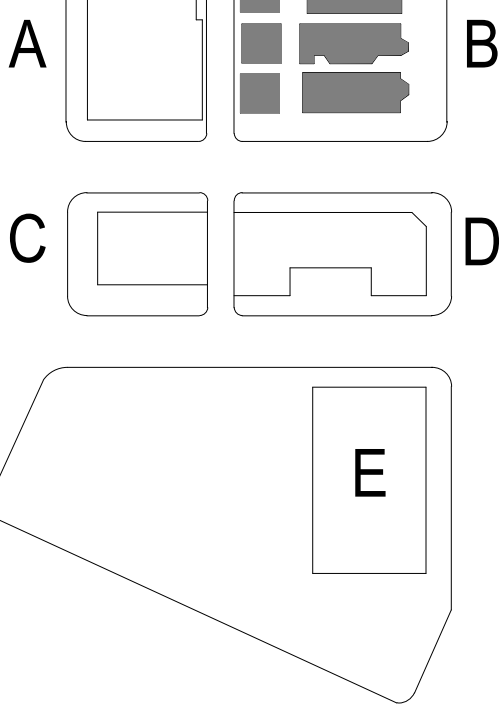
SCALE: 1/4" = 1'-0"



PLAN KEY NOTES - TACTICAL

- 1 ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- 2 EXPOSED STRUCTURE, NO FINISH AT CEILING.
- 3 ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAINT.
- 4 ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING, FINISH: HIGHLY DURABLE, NON-SLIP PAINT.
- 5 EXPOSED CONCRETE SLAB ON GRADE.
- 6 BUILT-IN PLYWOOD MILLWORK AS SHOWN, PROVIDE WOOD BLOCKING, FURRING, SHIMS AND HANGING STRIPS WHERE REQUIRED TO INSTALL MILLWORK, FINISH: PAINT.
- 7 PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- 8 WOOD-FRAMED STAIR, RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS, HANDRAIL ONLY WHERE ADJACENT TO WALL.
- 9 EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WELDED WITH SAFETY GLAZING, FINISH: FACTORY PRIME AND FIELD PAINTED.
- 10 ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WELDED STEEL FRAMES, FINISH: FACTORY PRIME AND FIELD PAINTED.
- 11 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM, SLOPE TO GUTTERS AND DOWNSPOUTS, PREFINISHED METAL COPING AT PARAPETS.
- 12 GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS, PROVIDE ROOF VENTS AS REQUIRED.
- 13 ROOF ANCHOR, REFERENCE STRUCTURAL FOR STAND-ALONE STRUCTURE.
- 14 CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 15 16'-0" x 7'-0" STEEL SECTIONAL DOOR.
- 16 CAST-IN-PLACE CONCRETE STAIR.
- 17 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN



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Chicago Joint Public Safety Training Campus -

Phase II

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22-21105-00

LEVEL 03 FLOOR
PLAN - AREA B

A1.3B

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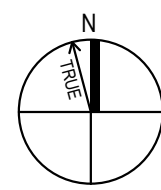
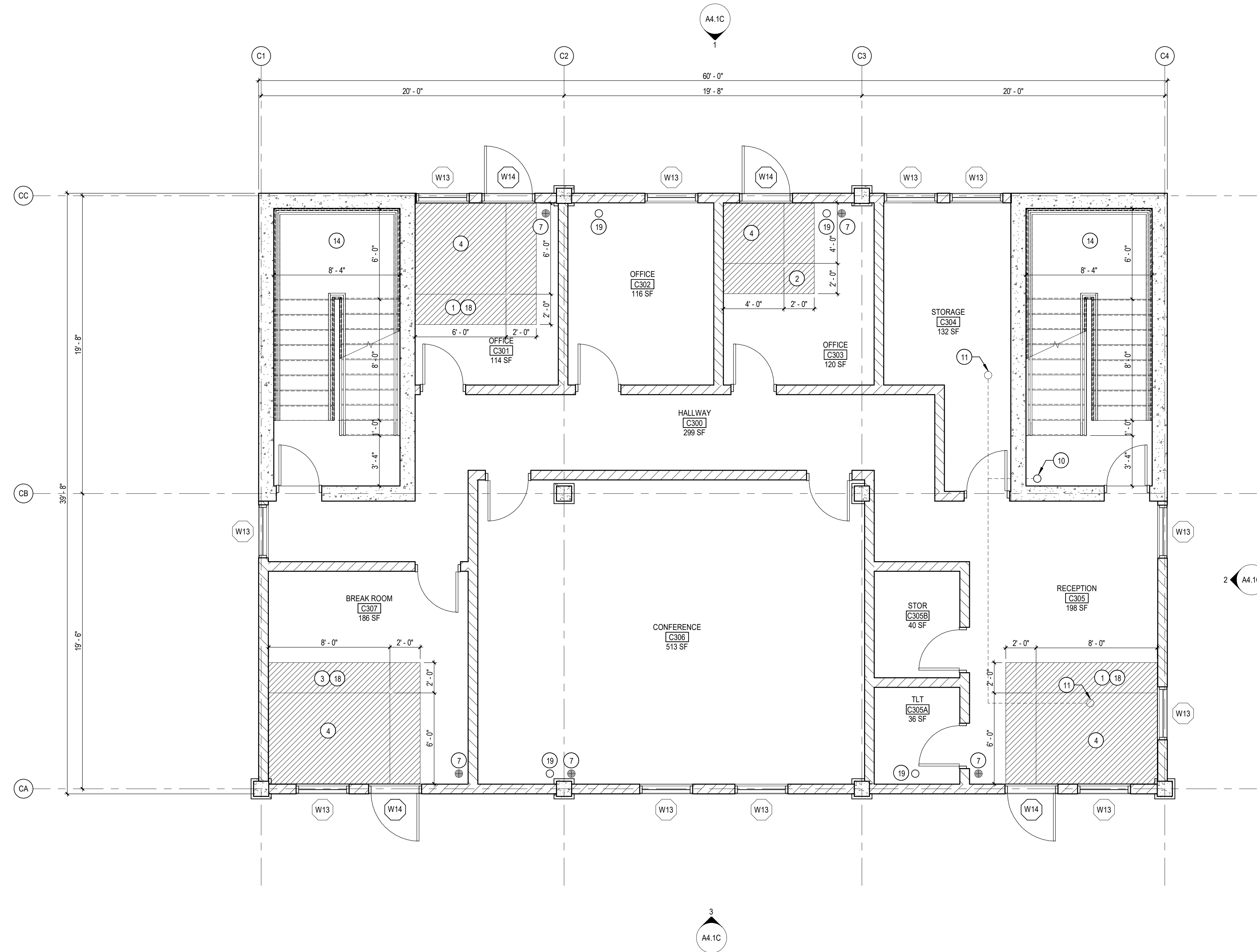
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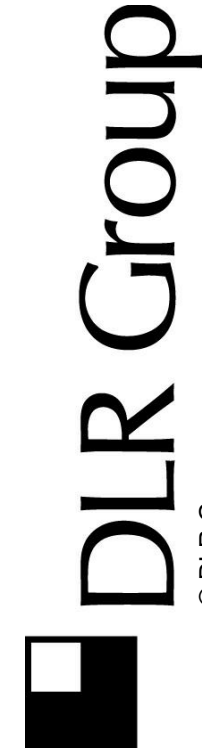
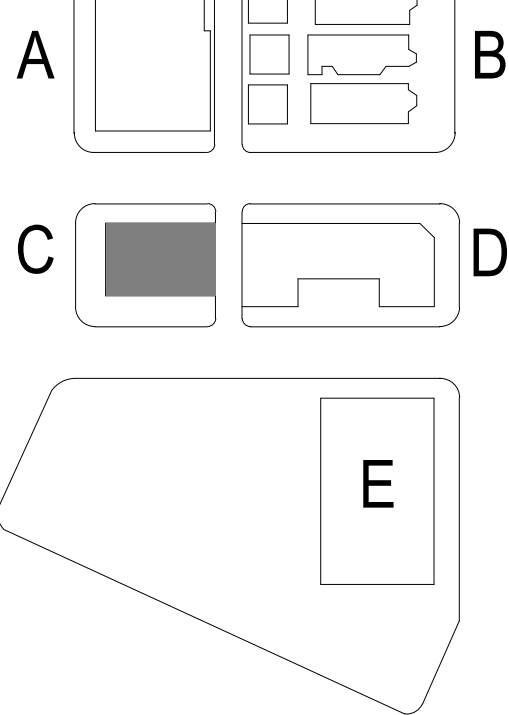
LEVEL 03 FLOOR PLAN - AREA C

SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - LIVE FIRE

- 1 BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
- 2 BURN AREA ALTERNATE NO. 1 - FIRE BRICK FLOORING LOOSE LAID IN STEEL PAN ON TOP OF CONCRETE FLOOR. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- 3 BURN AREA ALTERNATE NO. 2 - PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS AS PART OF BASE. BID. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- 4 ALTERNATE NO. 5: STEEL BURN RACK.
- 5 8" CMU WALL ASSEMBLY, 32" HIGH WITH CONCRETE SLAB TOPPING.
- 6 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
- 7 CAST IRON (4-INCH MIN) FLOOR DRAIN WITH FLUSH STAINLESS STEEL GRATE. PIPE TO GROUND FLOOR AND THRU EXTERIOR WALL WITH LAMBS TONGUE TO SIDEWALK. CONCRETE FLOOR SLAB TO SLOPE TOWARDS FLOOR DRAIN AT 1/8" PER FOOT.
- 8 NOT USED.
- 9 CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- 10 STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- 11 SPRINKLER HEAD.
- 12 FIRE DEPARTMENT CONNECTION.
- 13 HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
- 14 CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 15 CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 16 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- 17 SLAB-MOUNTED ROPE ANCHOR.
- 18 2 1/2" CONCRETE FLOOR RECESS. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS.
- 19 ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- 20 ROOF LADDER.

KEY PLAN



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Chicago Joint Public Safety Training Campus -

Phase II

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22-21105-00

LEVEL 03 FLOOR
PLAN - AREA C

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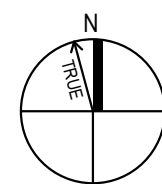
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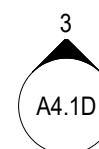
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LEVEL 03 FLOOR PLAN - AREA C

SCALE: 1/4" = 1'-0"



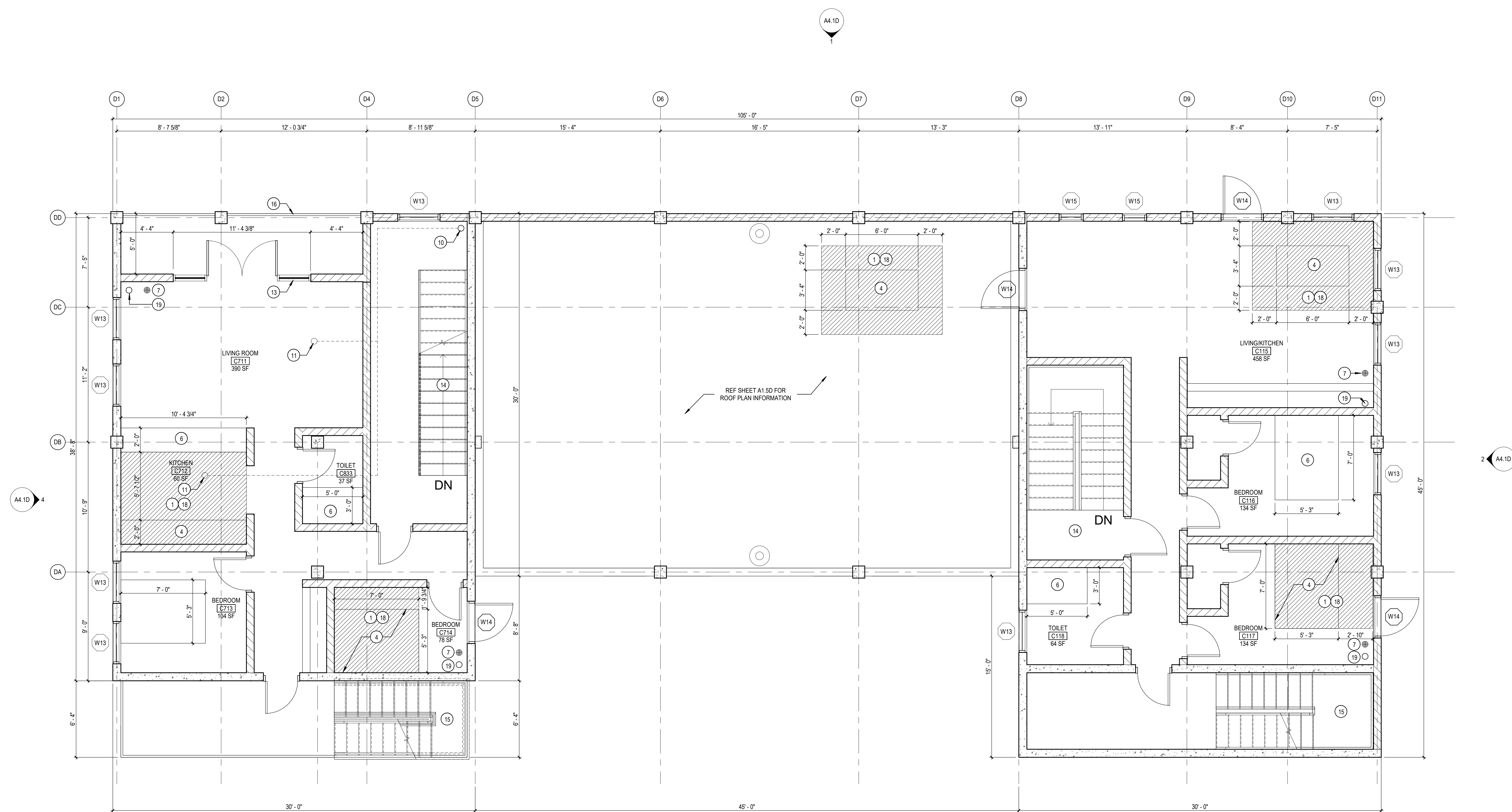
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A4.1D



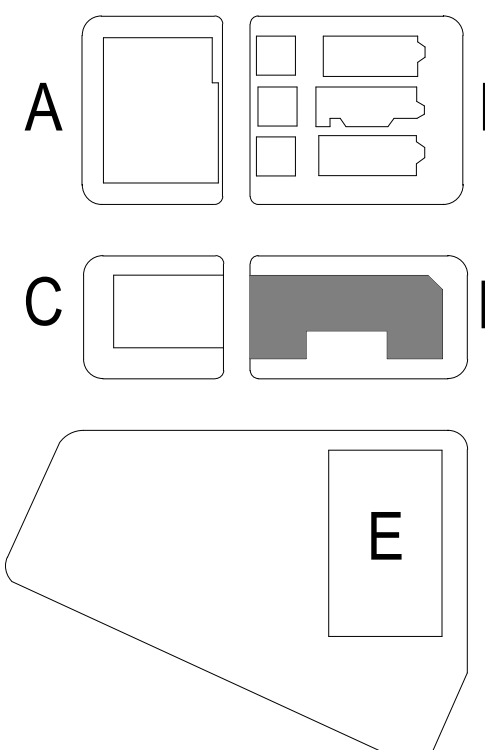
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PLAN KEY NOTES - LIVE FIRE

- BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
- BURN AREA ALTERNATE NO. 1 - FIRE BRICK FLOORING LOOSE LAID IN STEEL PAN ON TOP OF CONCRETE FLOOR. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- BURN AREA ALTERNATE NO. 2 - PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS AS PART OF BASE BID. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- ALTERNATE NO. 5. STEEL BURN RACK.
- 8" CMU WALL ASSEMBLY, 32" HIGH WITH CONCRETE SLAB TOPPING.
- 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
- CAST IRON (4-INCH MIN) FLOOR DRAIN WITH FLUSH STAINLESS STEEL GRATE. PIPE TO GROUND FLOOR AND THRU EXTERIOR WALL WITH LAMBS TONGUE TO SIDEWALK. CONCRETE FLOOR SLAB TO SLOPE TOWARDS FLOOR DRAIN AT 1/8" PER FOOT.
- NOT USED.
- CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- SPRINKLER HEAD.
- FIRE DEPARTMENT CONNECTION.
- HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
- CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- SLAB-MOUNTED ROPE ANCHOR.
- 2 1/2" CONCRETE FLOOR RECESS. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS.
- ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- ROOF LADDER.

KEY PLAN



Chicago Joint Public Safety Training Campus - Phase II

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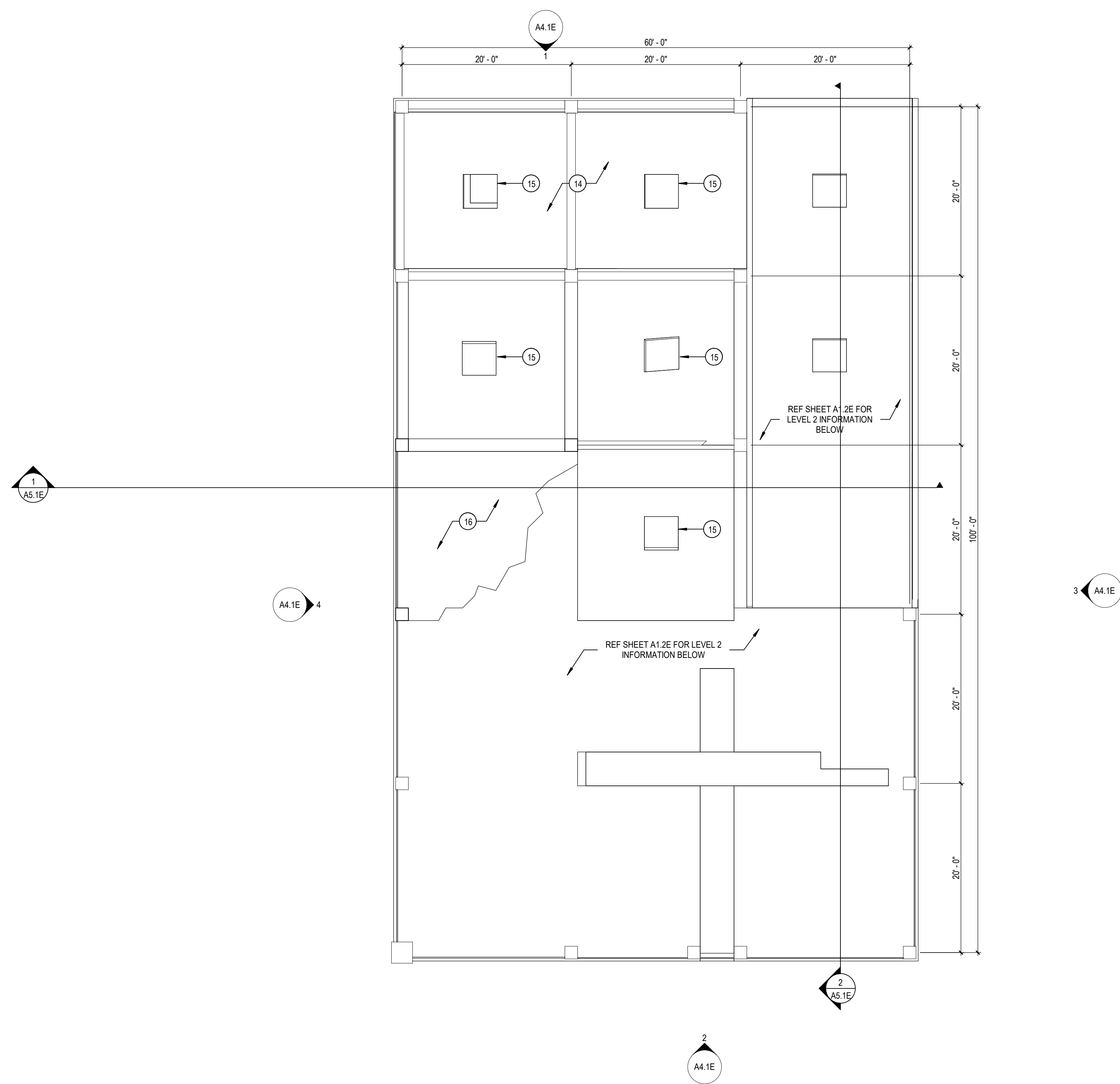
100% SCHEMATIC DESIGN
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REVISIONS

22-21105-00
LEVEL 03 FLOOR PLAN - AREA D

A1.3D



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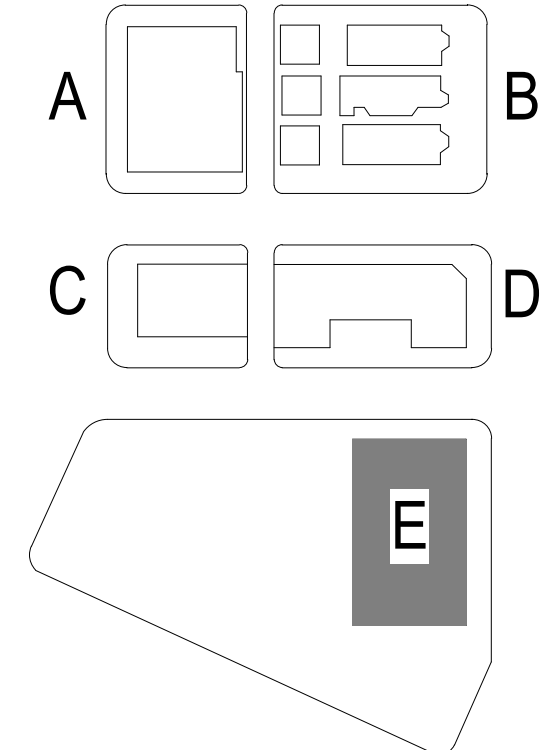


LEVEL 03 FLOOR PLAN - AREA E
SCALE: 1/8" = 1'-0"

PLAN KEY NOTES - RESCUE PROP

1. ALTERNATE NO. 4: 3'-6" HIGH ABOVE GROUND WALLS WITH CONCRETE SLAB TOP FOR CONFINED SPACE TRAINING. COORDINATE RIBBLING PILES TO C/PD. REINFORCING STRUCTURE AND PARTIALLY TOP WITH CONCRETE / REBAR OUPENINGS WITH SIMULATED REALISTIC SCENE RESCUE TRAINING.
2. CAST-IN-PLACE CONCRETE RAMP.
3. CONCRETE PIPE FOR CONFINED SPACE TRAINING.
4. FULL-HEIGHT VAULT, 8" CMU WALL ASSEMBLY.
5. 4'-0" x 4'-0" OPENING IN WALL OR FLOOR WITH SACRIFICIAL CONCRETE PANEL FOR BREACHING. PROVIDE FORM ON-SITE FOR C/PD TO MAKE REPLACEMENT PANELS.
6. 3'-0" x 7'-0" DOOR OPENING SLANTED 1 DEGREE.
7. 3'-6" x 5'-4" WINDOW OPENING SLANTED 1 DEGREE.
8. FULL-HEIGHT ABOVE-GROUND TRENCH, 8" REINFORCED CMU WALLS, FIBERGLASS GRATE COVER. GRATES SHD BE SECTIIONED FOR REMOVAL WITHOUT USE OF EQUIPMENT.
9. CONCRETE SHEAR WALL HINGED AT FOUNDATION. TUTLED 15 DEGREES WITH RESTRAINTS TO LIMIT MOVEMENT.
10. AIR COMPRESSOR
11. GAS VALVE FOR MOCK GAS-LEAK TRAINING.
12. 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL
13. SIMULATED THIRD RAIL WITH 12 VOLT SYSTEM.
14. PRE-CAST CONCRETE COLLAPSED PANEL.
16. PRE-CAST CONCRETE PARTIALLY BROKEN COVER.
17. GAS PIPING FOR MOCK GAS-LEAK TRAINING.
18. WATER SUPPLY LINE.
19. 42" HIGH POST-SUPPORTED GUARDRAIL. NO INFILL

KEY PLAN



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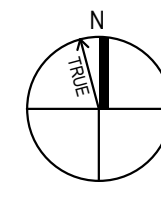
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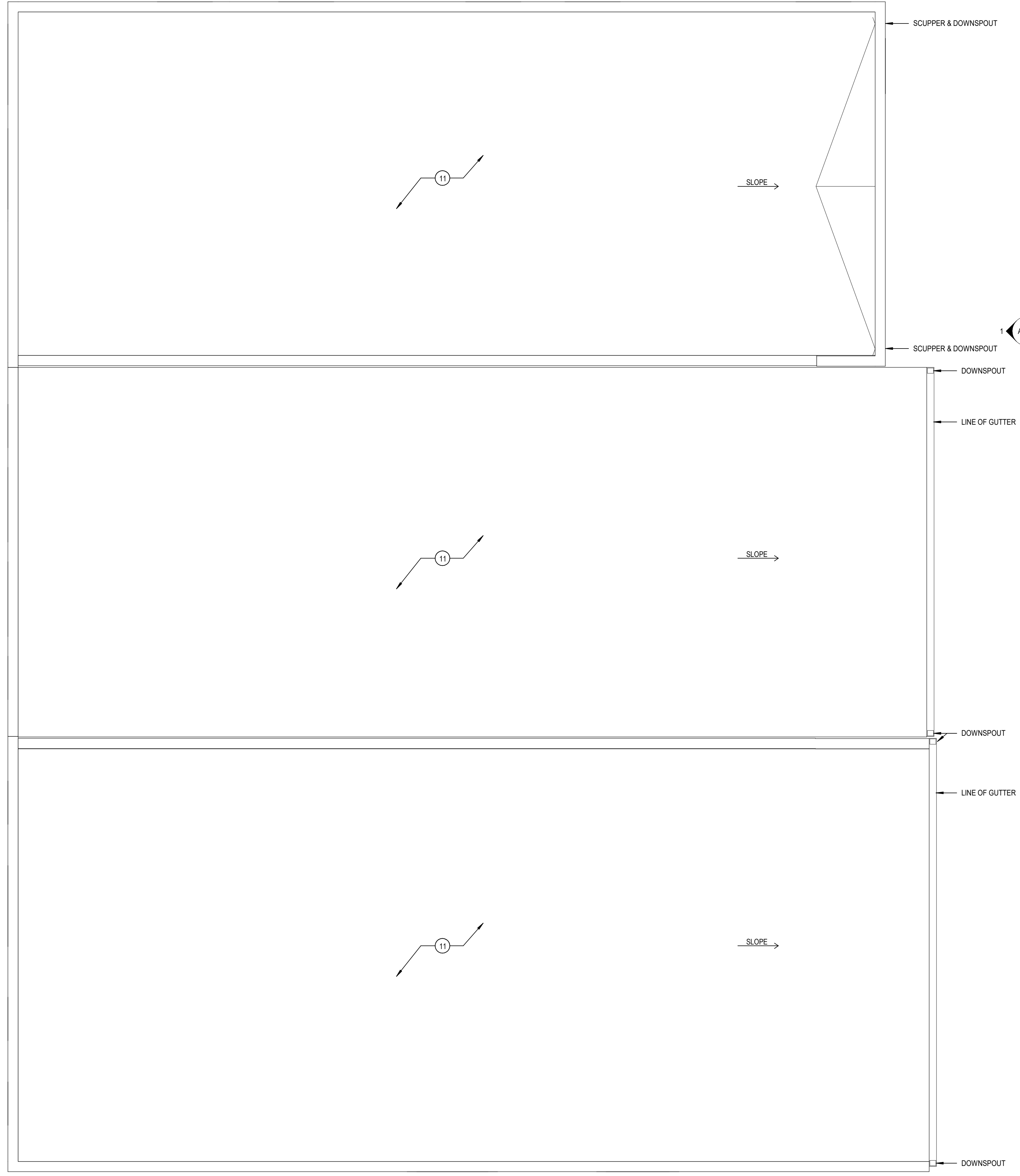
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ROOF PLAN - AREA A

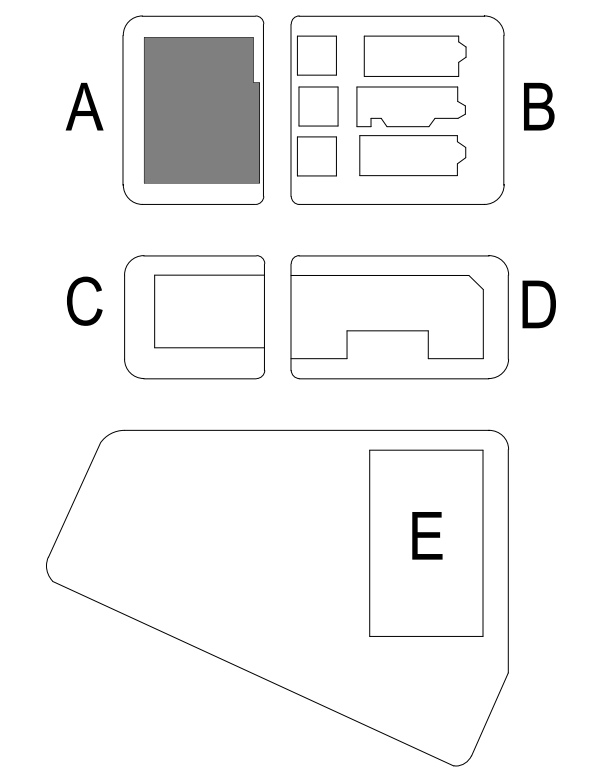
SCALE: 1/4" = 1'-0"



PLAN KEY NOTES - TACTICAL

- 1 ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
- 2 EXPOSED STRUCTURE, NO FINISH AT CEILING.
- 3 ALTERNATE NO. 3: 5/8" GYP. BOARD WITH FINISH PAINT.
- 4 ALL FLOORS TO BE TONGUE AND GROOVE PLYWOOD DECKING; FINISH: HIGHLY DURABLE, NON-SLIP PAINT.
- 5 EXPOSED CONCRETE SLAB ON GRADE.
- 6 BUILT-IN PLYWOOD MILLWORK AS SHOWN. PROVIDE WOOD BLOCKING, FURRING, SHIMS AND HANGING STRIPS WHERE REQUIRED TO INSTALL MILLWORK. FINISH: PAINT.
- 7 PLUMBING FIXTURES ARE PROPS AND WILL NOT BE CONNECTED TO WATER, VENT OR WASTE.
- 8 WOOD-FRAMED STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS. HANDRAIL ONLY WHERE ADJACENT TO WALL.
- 9 EXTRA HEAVY DUTY HOLLOW METAL WINDOW FRAME - FULLY WELDED WITH SAFETY GLAZING. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- 10 ALL INTERIOR AND EXTERIOR DOORS SHALL BE EXTRA HEAVY DUTY HOLLOW METAL DOORS WITH FULLY WELDED STEEL FRAMES. FINISH: FACTORY PRIMED AND FIELD PAINTED.
- 11 THERMOPLASTIC POLYOLEFIN (TPO) ROOFING SYSTEM. SLOPE TO GUTTERS AND DOWNSPOUTS. PREFINISHED METAL COPING AT PARAPETS.
- 12 GLASS-FIBER REINFORCED ASPHALT SHINGLE ROOF WITH GUTTERS AND DOWNSPOUTS. PROVIDE ROOF VENTS AS REQUIRED.
- 13 ROOF ANCHOR. REFERENCE STRUCTURAL FOR STAND-ALONE STRUCTURE.
- 14 CAST-IN-PLACE CONCRETE STAIRS ON GRADE OVER STONE FILL.
- 15 16'-0" x 7'-0" STEEL SECTIONAL DOOR.
- 16 CAST-IN-PLACE CONCRETE STAIR.
- 17 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.

KEY PLAN



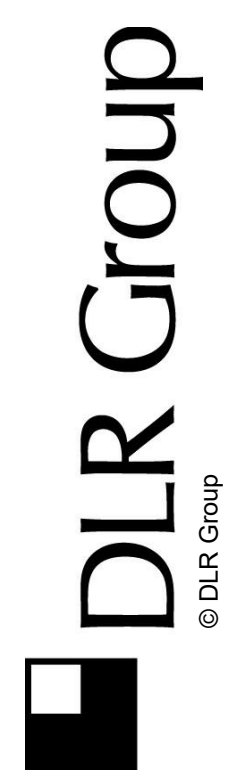
Chicago Joint Public Safety Training Campus - Phase II

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ROOF PLAN - AREA A

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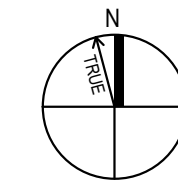
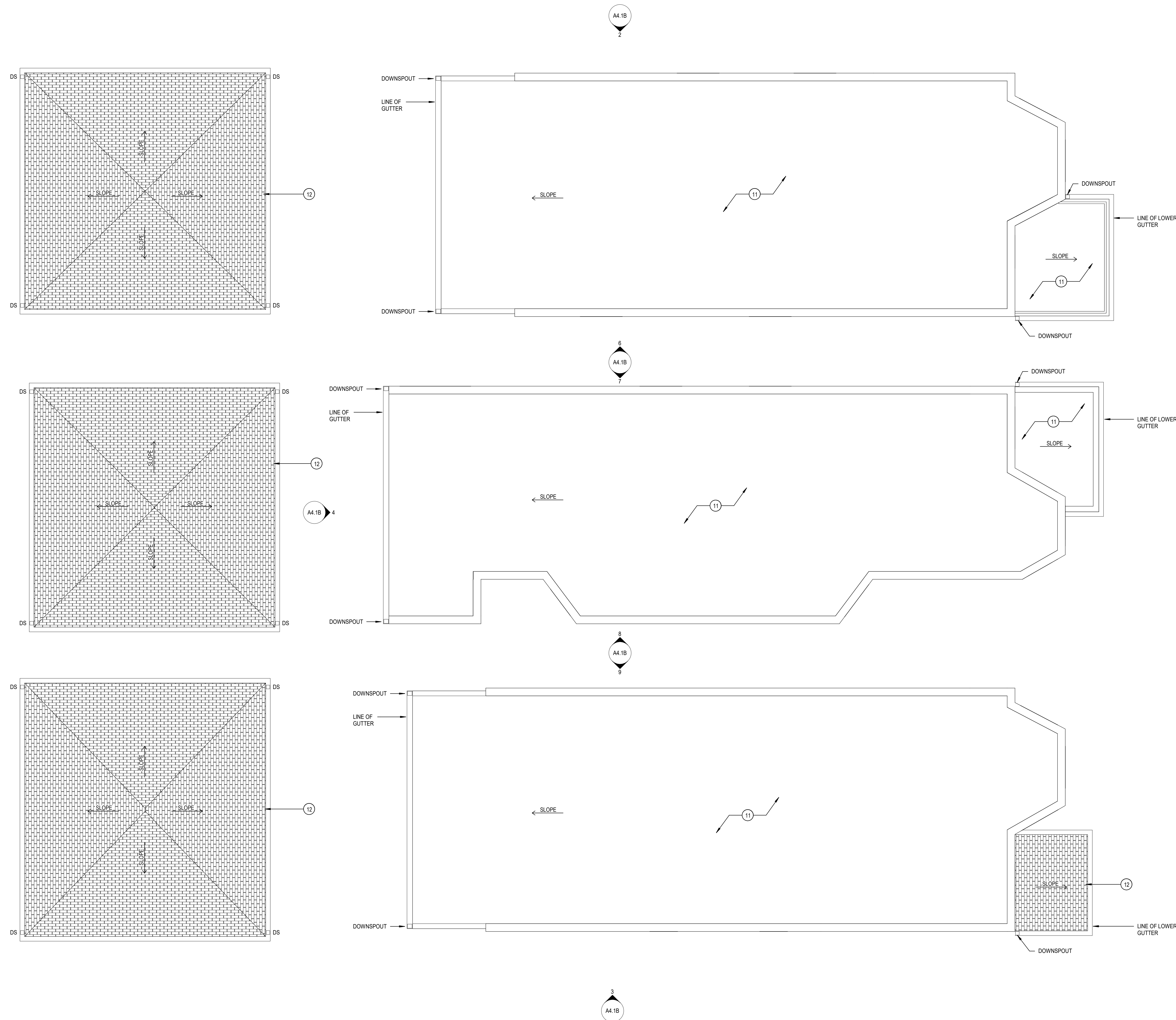
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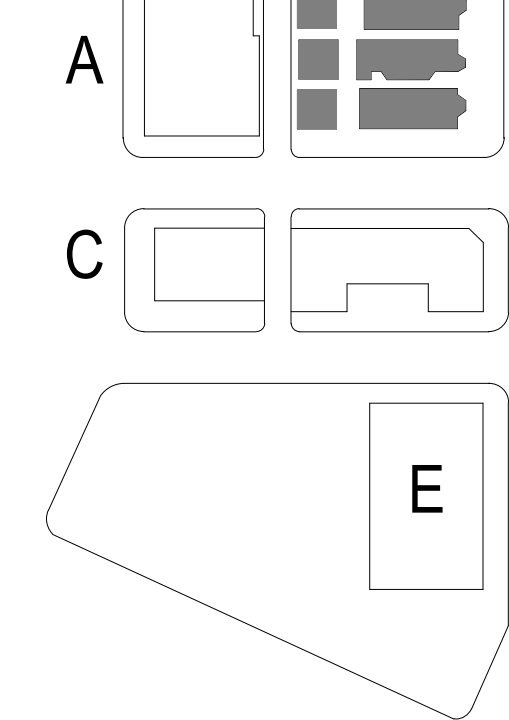
ROOF PLAN - AREA B

SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - TACTICAL

- 1 ALL INTERIOR PARTITIONS SHALL BE 3 5/8" 20-GAUGE METAL STUDS AT 16" O.C. WITH MINIMUM ONE LAYER OF 1/2" PLYWOOD ON EACH SIDE.
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KEY PLAN



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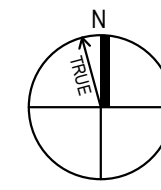
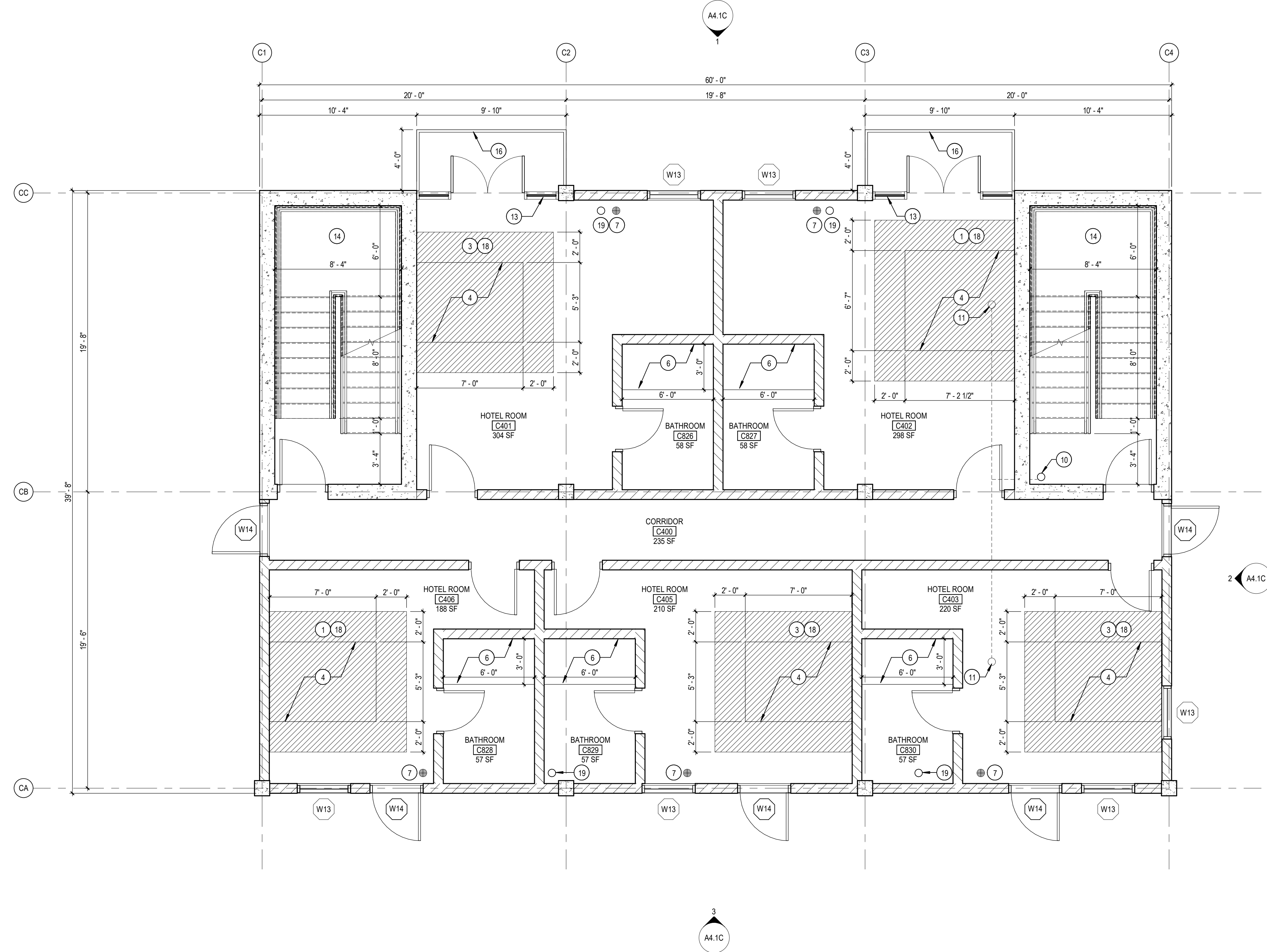
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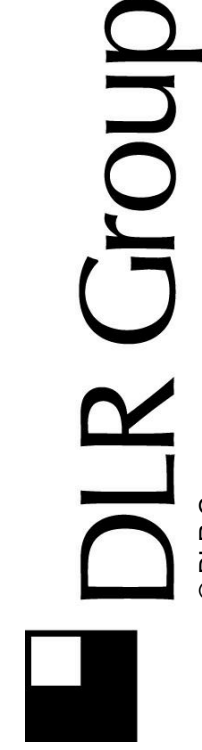
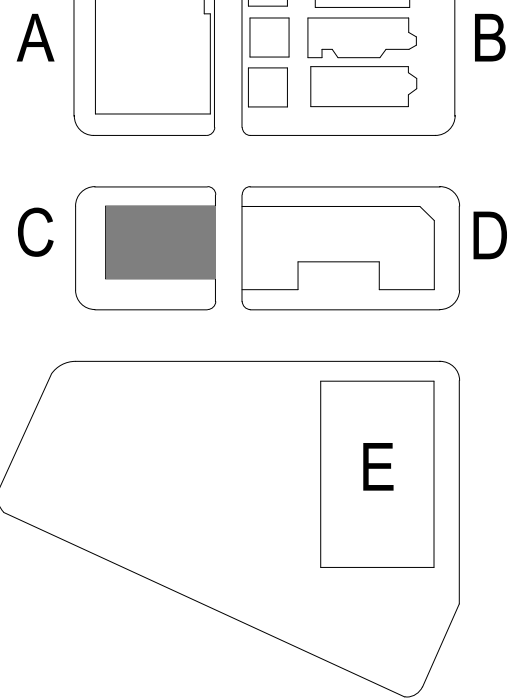
LEVEL 04 FLOOR PLAN - AREA C

SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - LIVE FIRE

- BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
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- 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
- CAST IRON (4-INCH MIN) FLOOR DRAIN WITH FLUSH STAINLESS STEEL GRATE. PIPE TO GROUND FLOOR AND THRU EXTERIOR WALL WITH LAMBS TONGUE TO SIDEWALK. CONCRETE FLOOR SLAB TO SLOPE TOWARDS FLOOR DRAIN AT 1/8" PER FOOT.
- NOT USED.
- CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- SPRINKLER HEAD.
- FIRE DEPARTMENT CONNECTION.
- HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
- CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
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- ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
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Phase II

4443 W Chicago Avenue, Chicago IL 60651

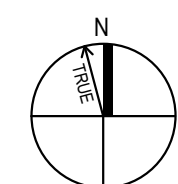
100% SCHEMATIC DESIGN
05/07/2021
REVISIONS

22-21105-00

LEVEL 04 FLOOR PLAN - AREA C

A1.4C

- 1 BURN AREA - FIRE BRICK FLOORING LOOSE Laid INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
- 2 BURN AREA ALTERNATE NO. 1 - FIRE BRICK FLOORING LOOSE Laid IN STEEL PAN ON TOP OF CONCRETE FLOOR. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- 3 BURN AREA ALTERNATE NO. 2 - PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE Laid IN CONCRETE FLOOR RECESS AS PART OF BASE BID. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
- 4 ALTERNATE NO. 5: STEEL BURN RACK.
- 5 8" CMU WALL ASSEMBLY, 32" HIGH WITH CONCRETE SLAB TOPPING.
- 6 8" CMU WALL ASSEMBLY, 16" HIGH WITH CONCRETE SLAB TOPPING.
- 7 CAST IRON (4-INCH MIN) FLOOR DRAIN WITH FLUSH STAINLESS STEEL GRATE. PIPE TO GROUND FLOOR AND THRU EXTERIOR WALL WITH LAMBS TONGUE TO SIDEWALK CONCRETE FLOOR SLAB TO SLOPE TOWARDS FLOOR DRAIN AT 1/8" PER FOOT.
- 8 NOT USED.
- 9 CAST IRON ROOF DRAIN - SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- 10 STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- 11 SPRINKLER HEAD.
- 12 FIRE DEPARTMENT CONNECTION.
- 13 HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
- 14 CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 15 CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 16 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- 17 SLAB-MOUNTED ROPE ANCHOR.
- 18 2 1/2" CONCRETE FLOOR RECESS. FIRE BRICK FLOORING LOOSE Laid IN CONCRETE FLOOR RECESS.
- 19 ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- 20 ROOF LADDER.



LEVEL 04 FLOOR PLAN - AREA D
SCALE: 1/4" = 1'-0"

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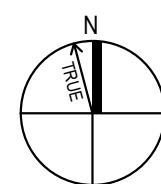
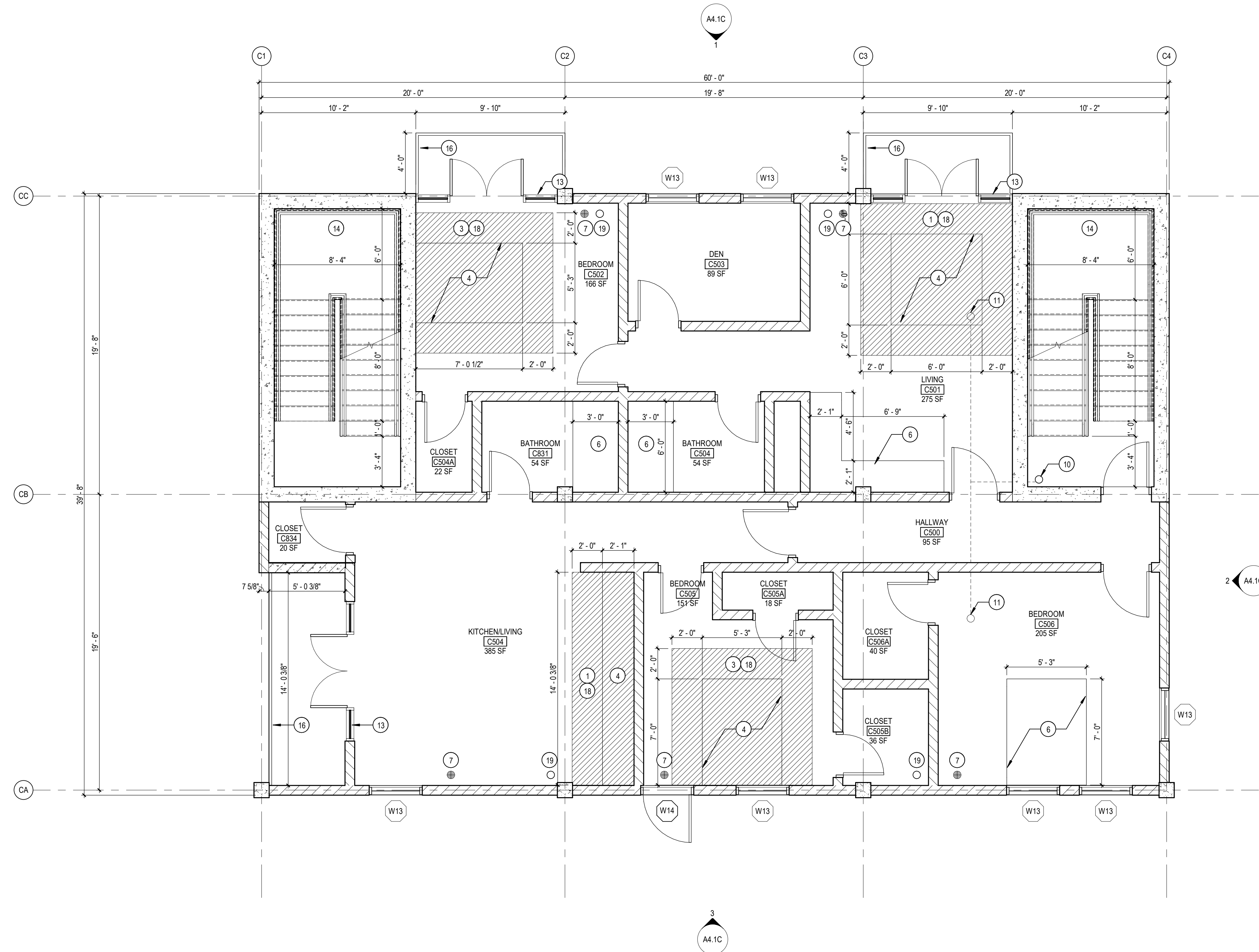
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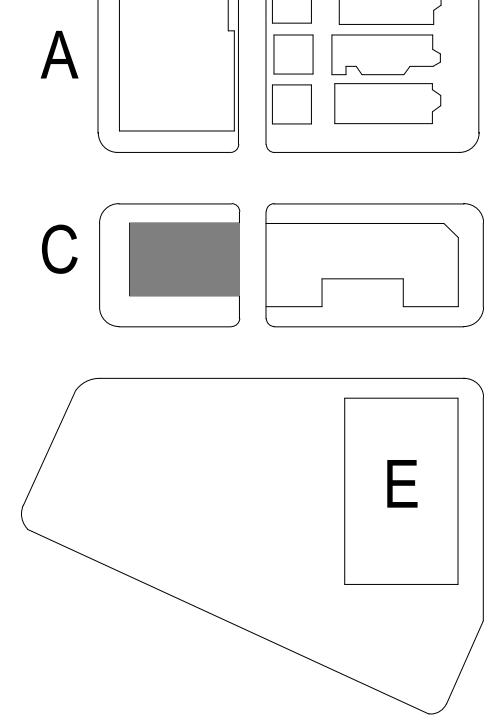
LEVEL 05 FLOOR PLAN - AREA C

SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - LIVE FIRE

- BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
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- BURN AREA ALTERNATE NO. 2 - PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA. FIRE BRICK FLOORING LOOSE LAID INTO CONCRETE FLOOR RECESS AS PART OF BASE. BID. REFER TO SPEC SECTION 012300 ALTERNATES IN SCHEMATIC DESIGN PRICING NARRATIVE.
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- NOT USED.
- CAST IRON ROOF DRAIN. SECONDARY ROOF DRAINAGE SHALL BE PROVIDED WITH WALL SCUPPER. CONCRETE ROOF SLAB TO SLOPE TOWARDS ROOF DRAIN AT 1/8" PER FOOT.
- STANDPIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- SPRINKLER HEAD.
- FIRE DEPARTMENT CONNECTION.
- HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC-PRIME COATING.
- CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- CONCRETE FILLED METAL PAN STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
- 42" HIGH POST-SUPPORTED RAILINGS WITH PICKET INFILL.
- SLAB-MOUNTED ROPE ANCHOR.
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- ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- ROOF LADDER.

KEY PLAN



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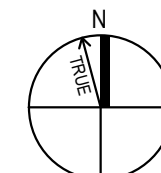
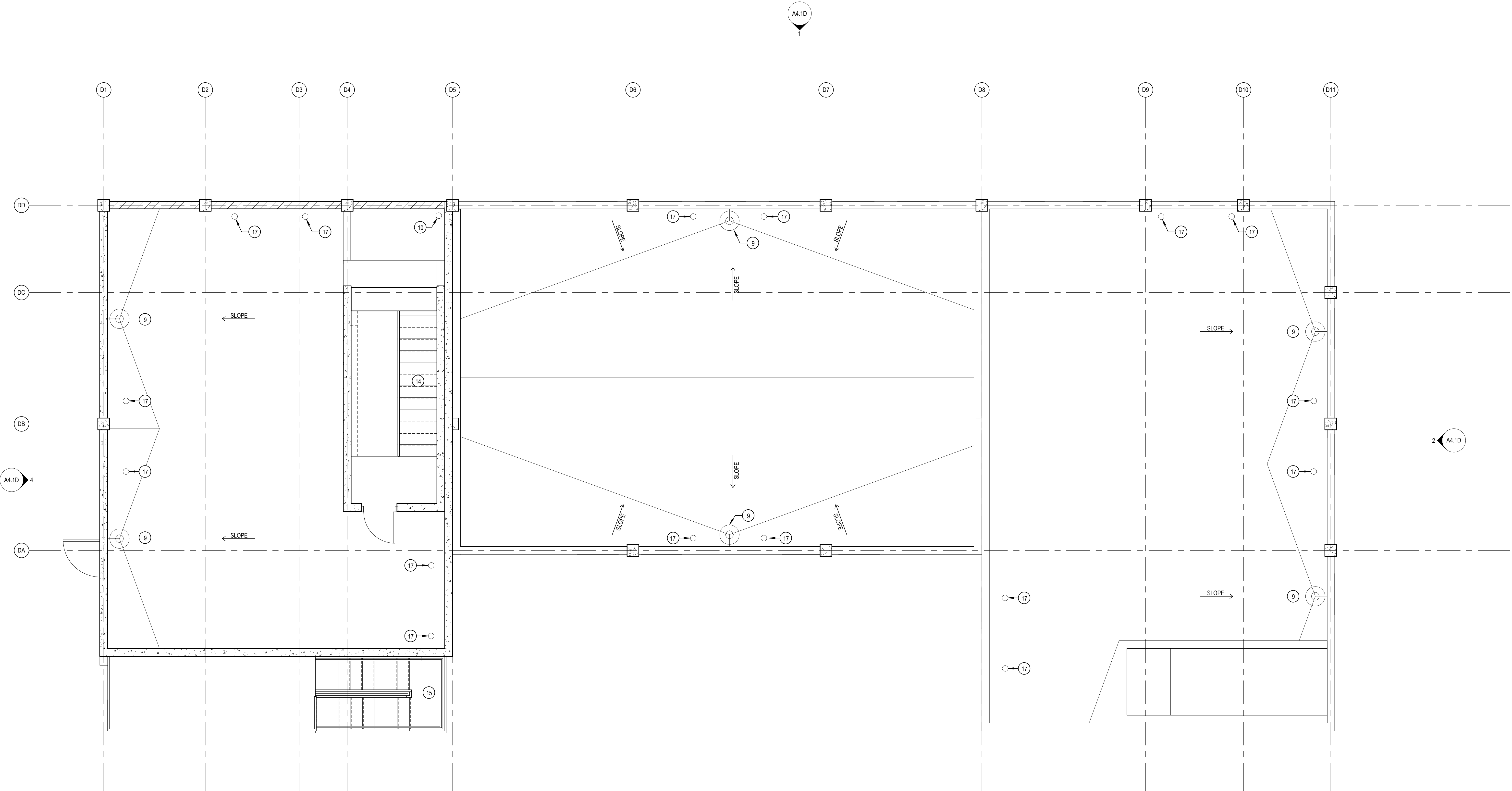
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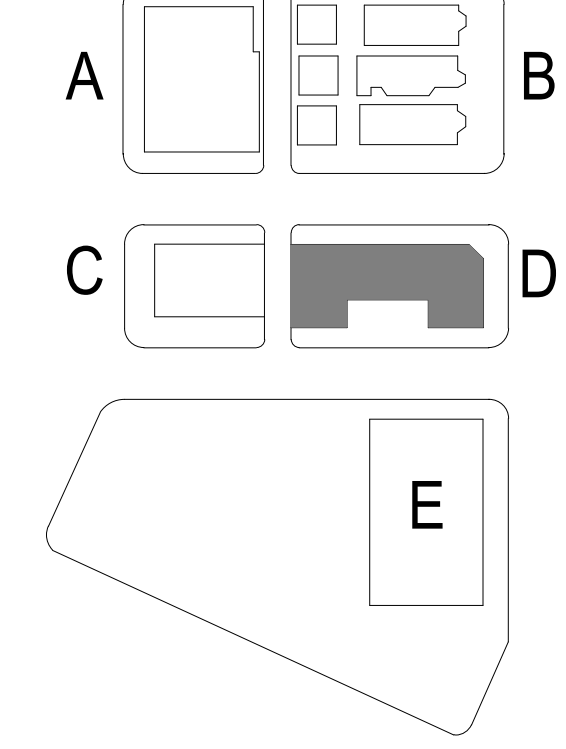


ROOF PLAN - AREA D
SCALE: 1/4" = 1'-0"

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- 8 NOT USED.
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- 13 HOLLOW METAL FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
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- 19 ROOF AND FLOOR DRAIN RISER, OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- 20 ROOF LADDER.

KEY PLAN



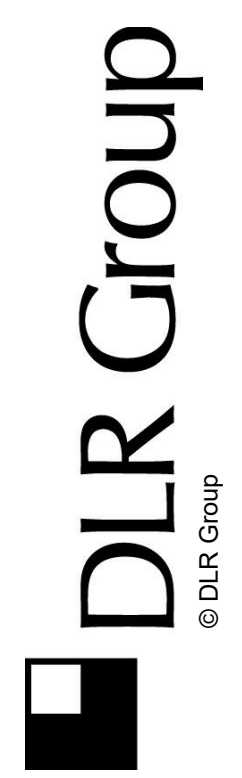
Chicago Joint Public Safety Training Campus -
Phase II

4443 W Chicago Avenue, Chicago IL 60651

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ROOF PLAN -
AREA D

A1.5D



NOT FOR
CONSTRUCTION.

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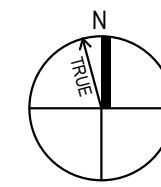
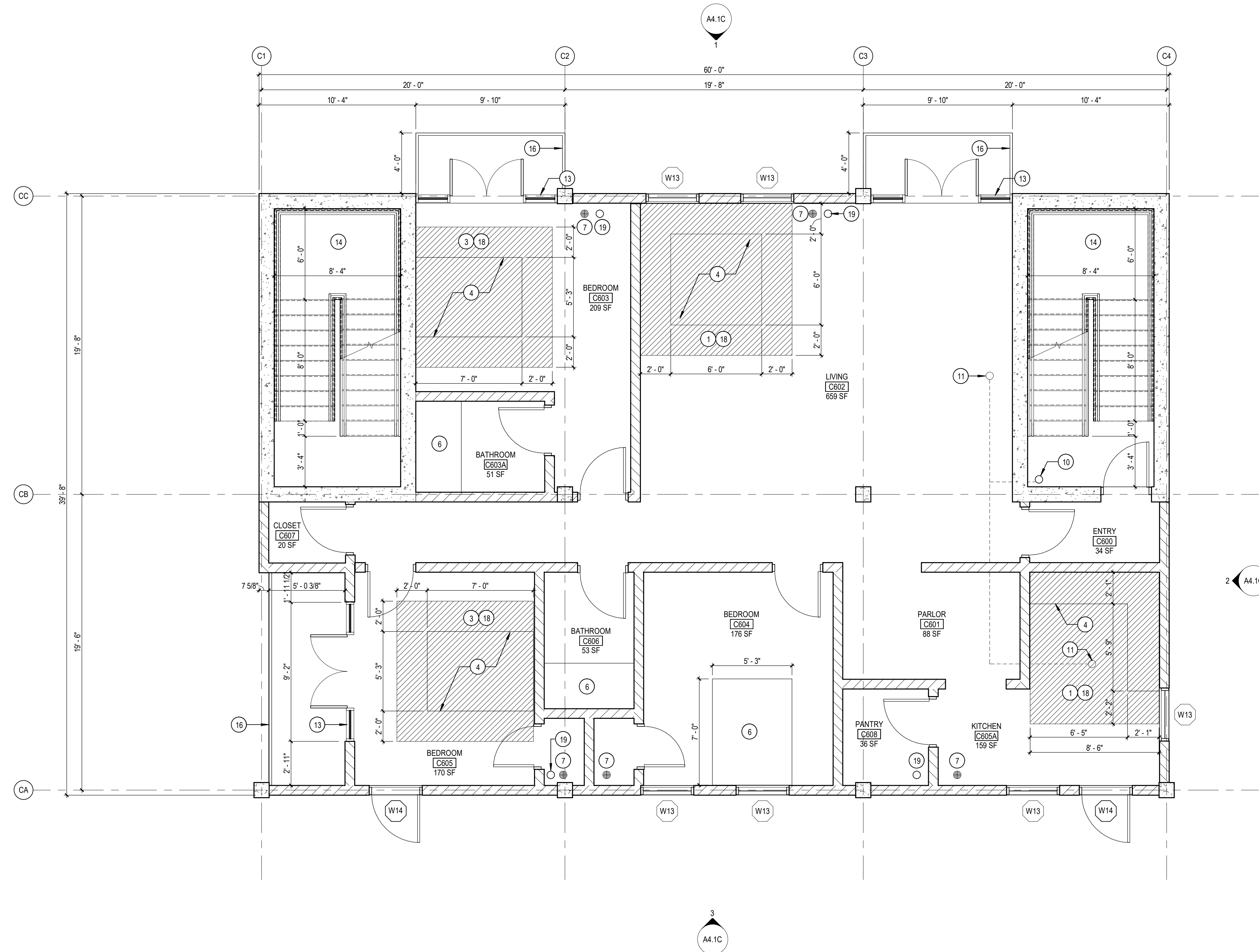
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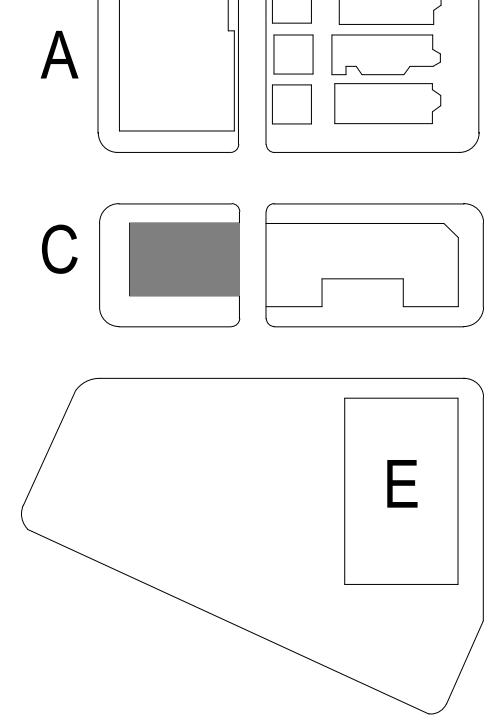
LEVEL 06 FLOOR PLAN - AREA C

SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - LIVE FIRE

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- STAND PIPE SYSTEM PER NFPA 14 REQUIREMENTS. PROVIDE CLASS 1 FIRE DEPARTMENT HOSE VALVE AT EACH FLOOR.
- SPRINKLER HEAD.
- FIRE DEPARTMENT CONNECTION.
- HOLLOW METAL FRAME WITH FIXED 14" STEEL SHUTTER PANEL. FINISH SHALL BE FACTORY-APPLIED ZINC PRIME COATING.
- CAST-IN-PLACE CONCRETE STAIR. RAILINGS SHALL BE 1 1/2" DIAMETER POSTS, TOP RAIL AND HANDRAIL WITH 1/2" SQUARE VERTICAL PICKETS.
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- ROOF AND FLOOR DRAIN RISER. OUTLET TO SIDEWALK AT 18" AFF. PROVIDE LAMBS TONGUE.
- ROOF LADDER.

KEY PLAN



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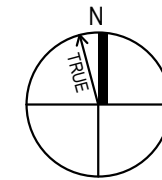
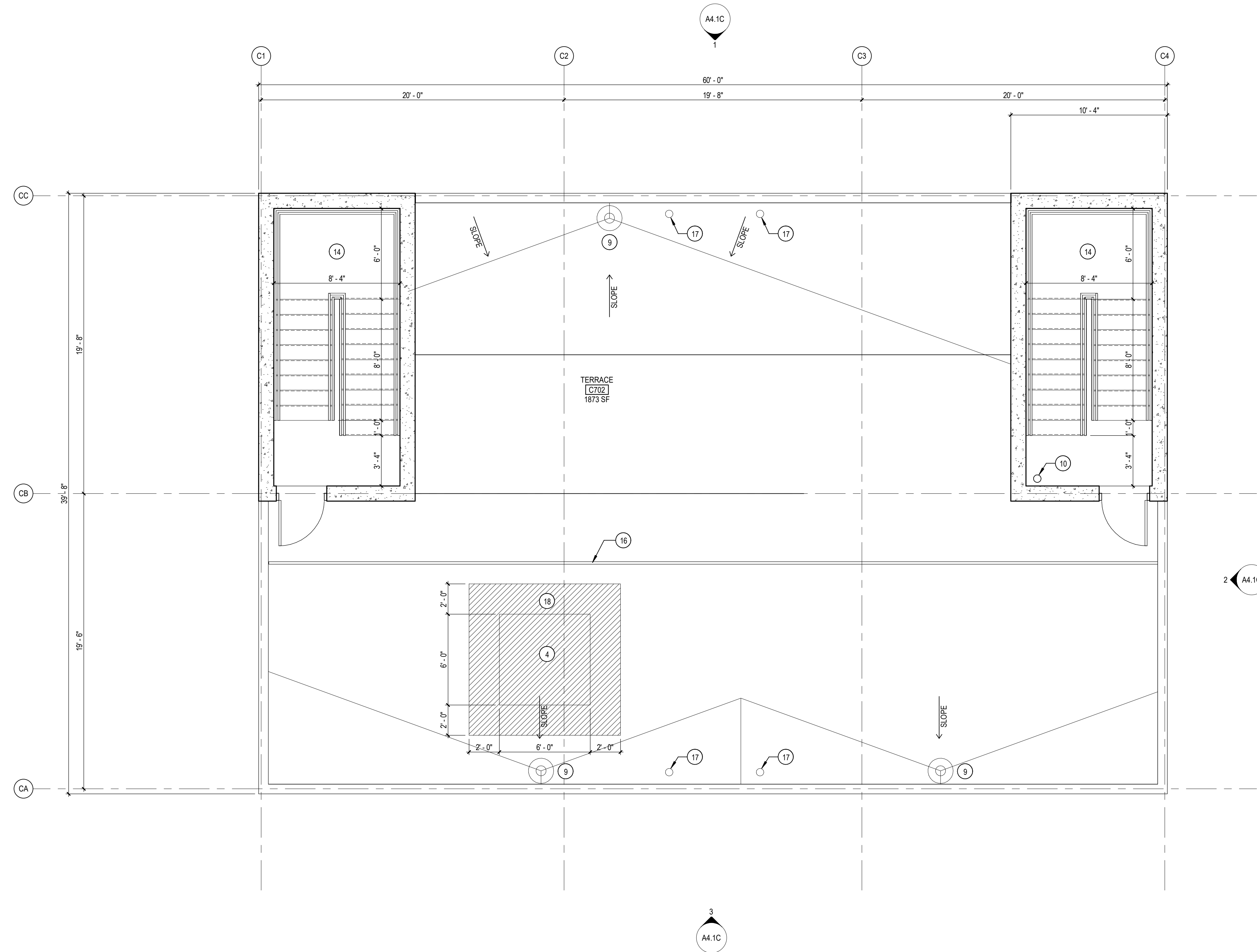
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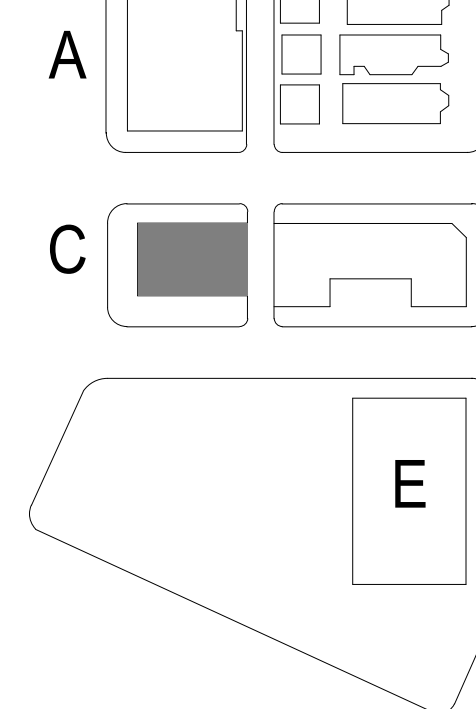


LEVEL 07 FLOOR PLAN - AREA C
SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - LIVE FIRE

- 1 BURN AREA - FIRE BRICK FLOORING LOOSE LAID INTO 2 1/2" CONCRETE FLOOR RECESS. PROVIDE HIGH TEMPERATURE LINING AT IMMEDIATELY ADJACENT WALLS, WINDOW OPENINGS, RISERS, AND CEILING ABOVE BURN AREA.
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KEY PLAN



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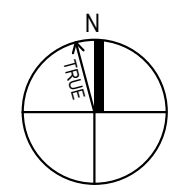
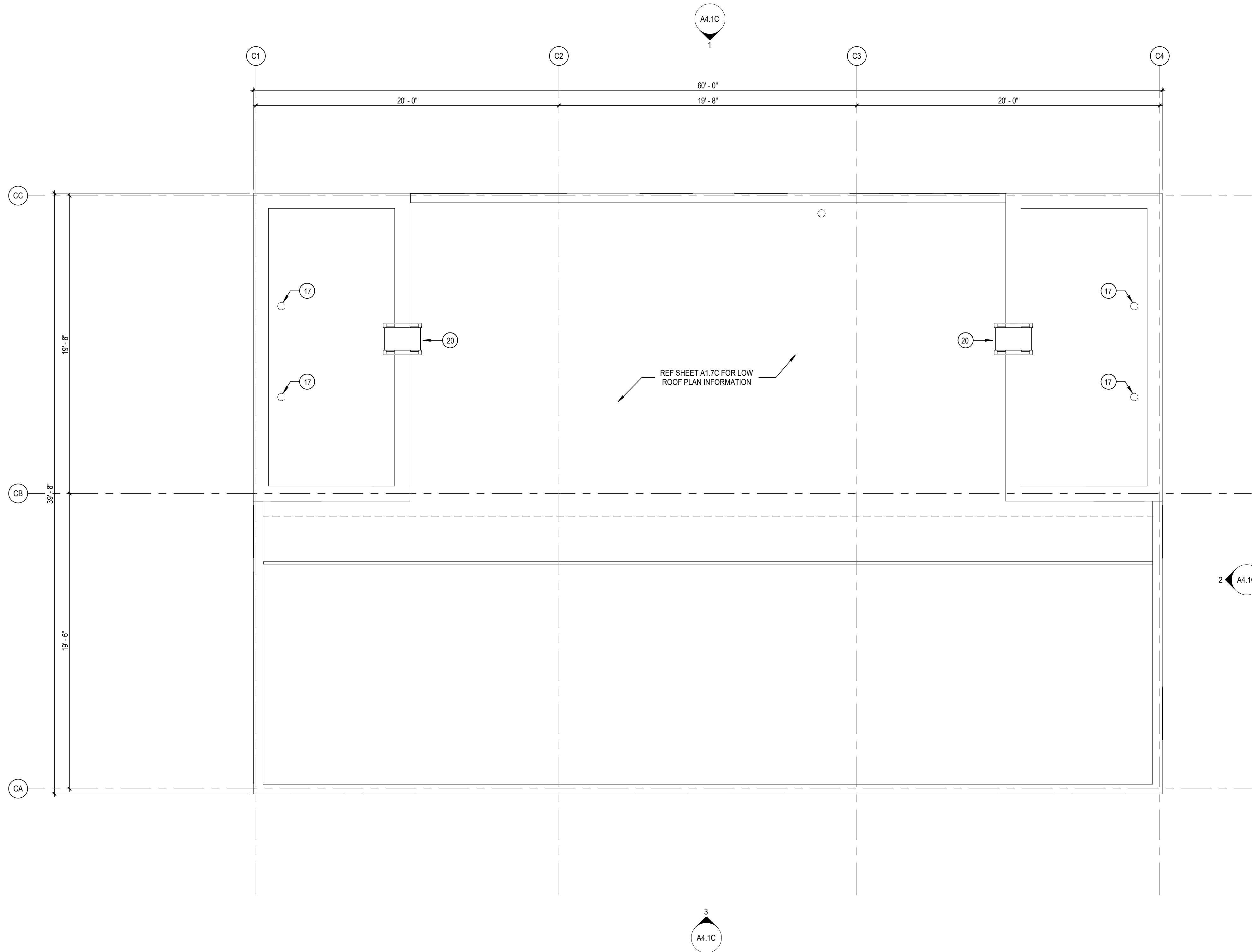
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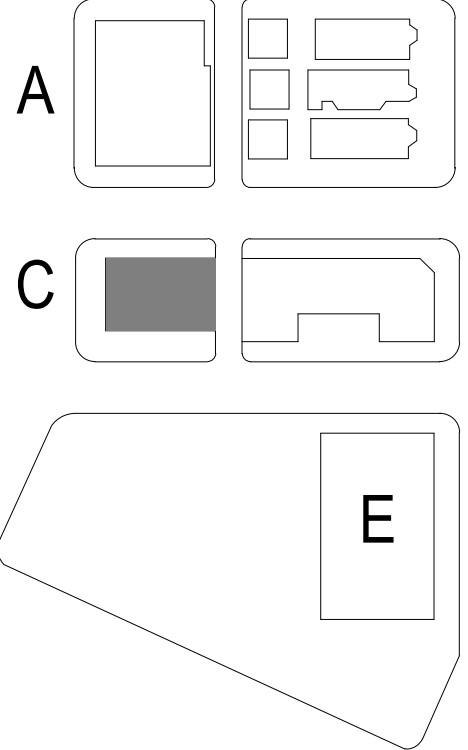
ROOF PLAN - AREA C

SCALE: 1/4" = 1'-0"

PLAN KEY NOTES - LIVE FIRE

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- 20 ROOF LADDER.

KEY PLAN



NOT FOR CONSTRUCTION

Chicago Joint Public Safety Training Campus -

Phase II

4443 W Chicago Avenue, Chicago IL 60651

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05/07/2021
REVISIONS

22-21105-00

ROOF PLAN - AREA C

A1.8C



SIX STORY TOWER LIVE FIRE BUILDING - AREA C



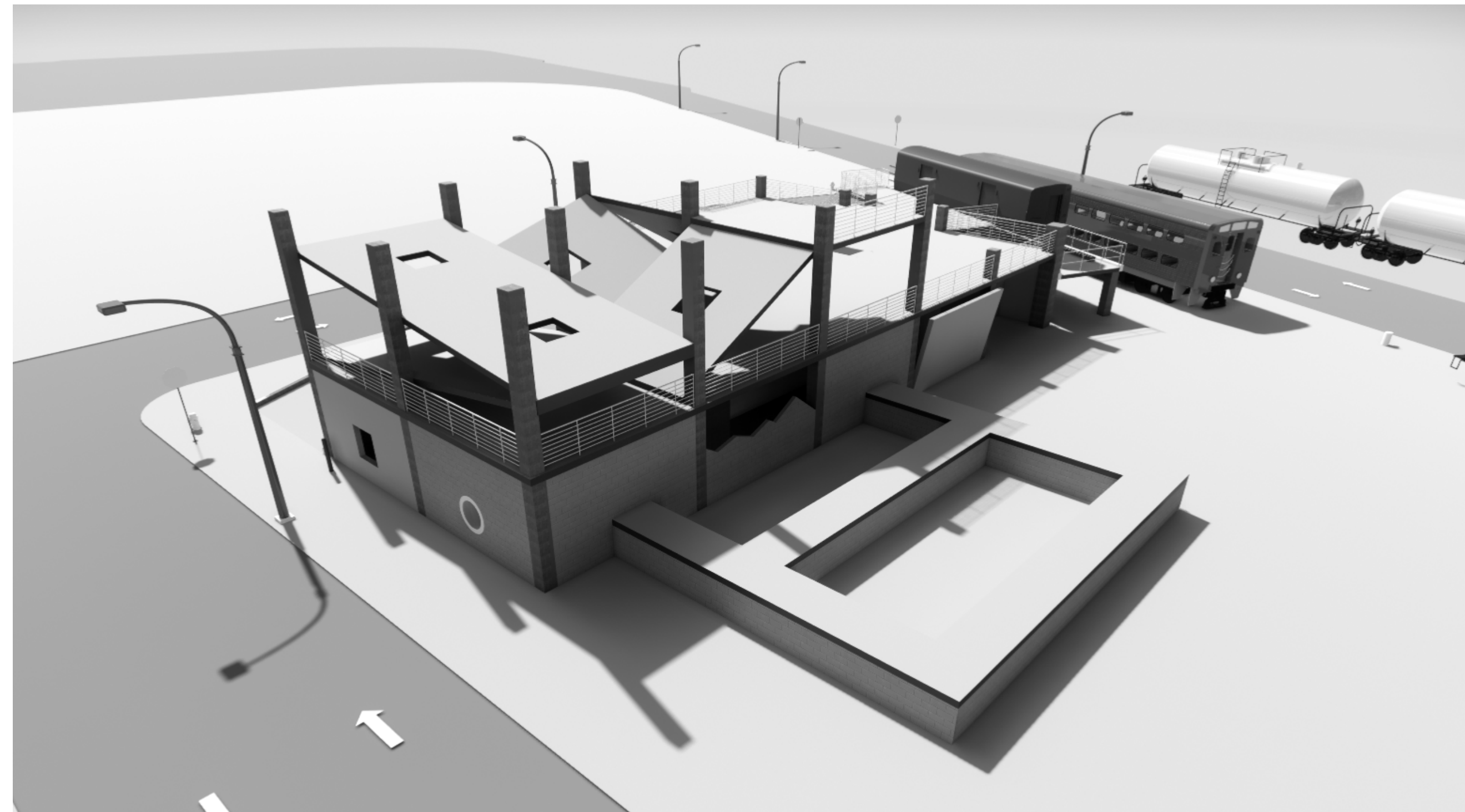
MULTI-STORY MIXED USE TACTICAL BUILDING - AREA A



MULTI-STORY MIXED USE LIVE FIRE BUILDING - AREA D



TWO/THREE FLAT RESIDENTIAL TACTICAL BUILDINGS - AREA B



TECHNICAL RESCUE PROP - AREA E



ALLEY BETWEEN TACTICAL BUILDINGS - AREA A & B

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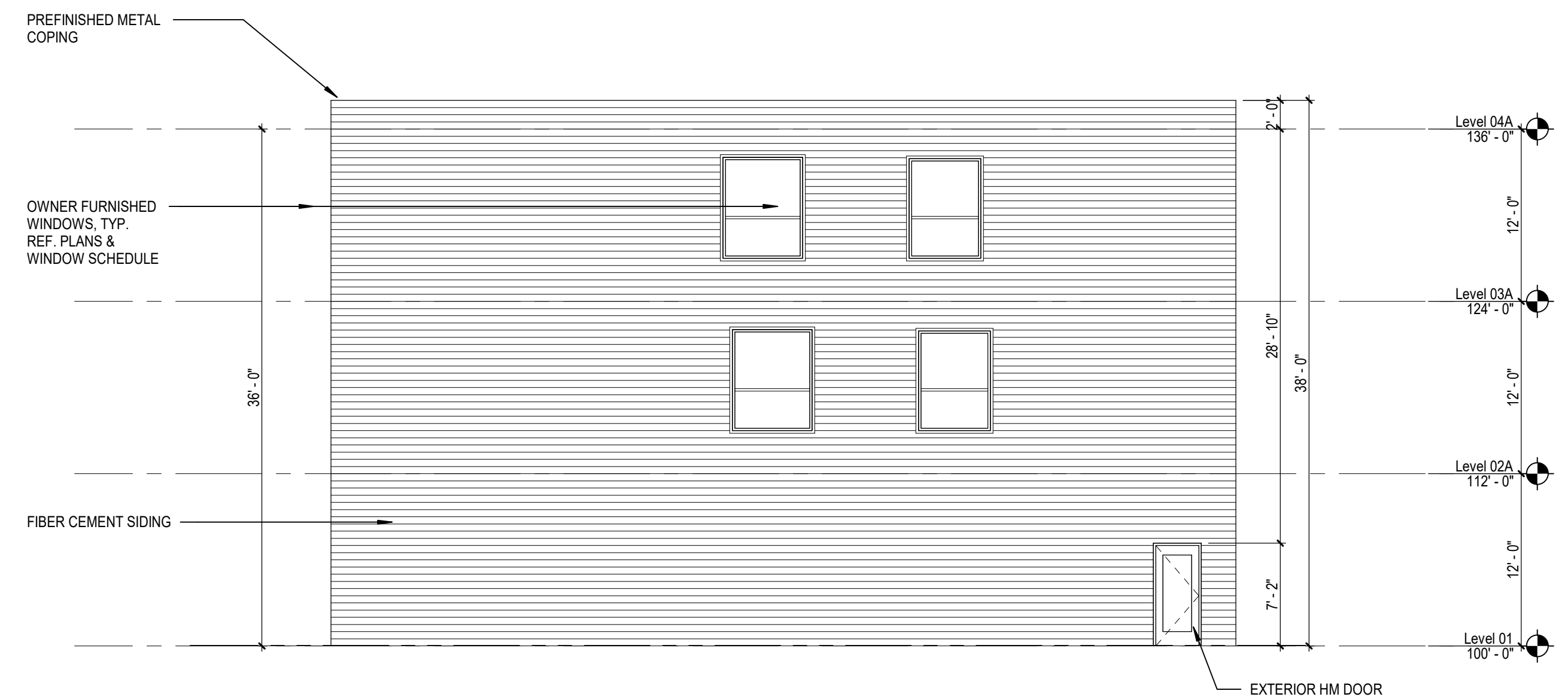
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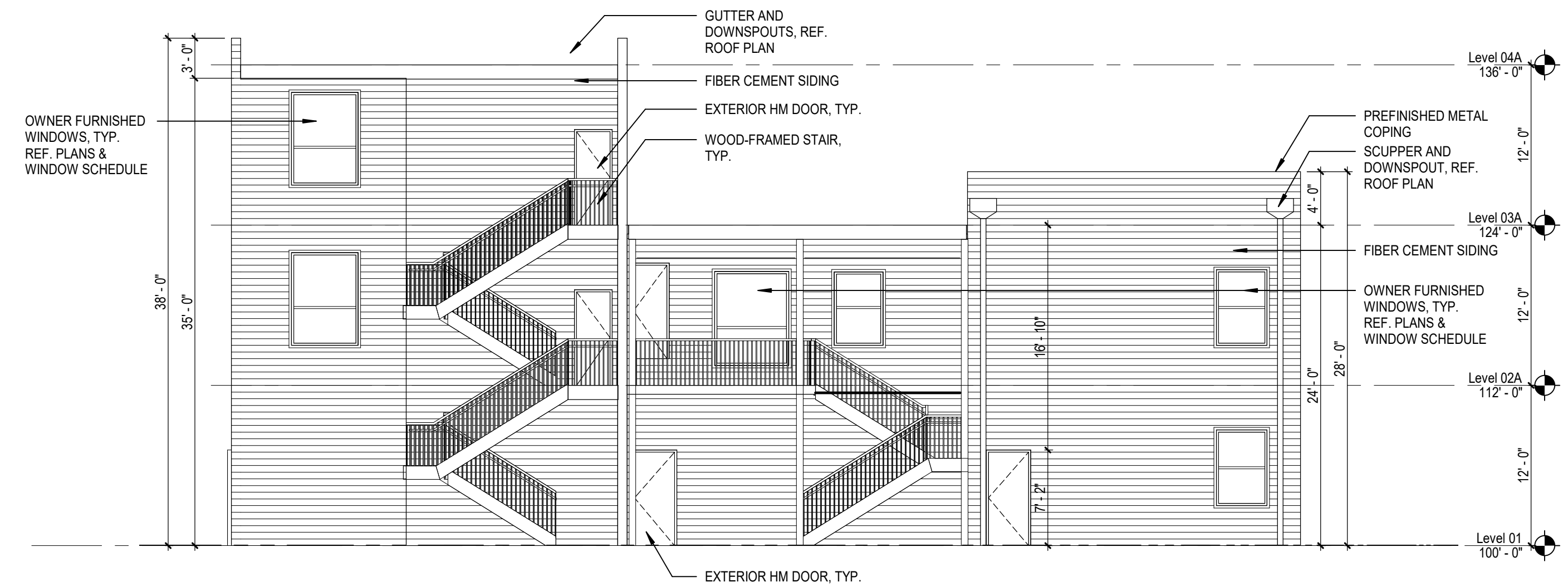
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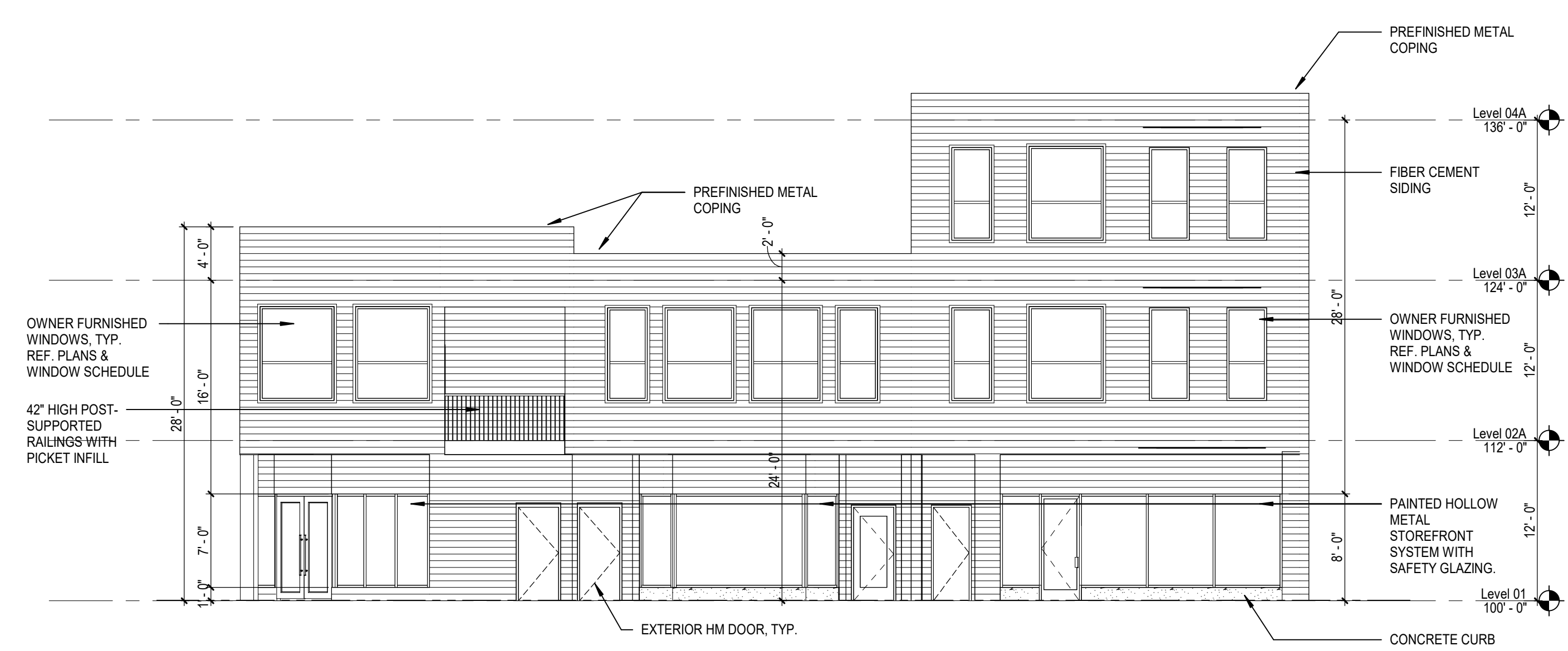
2 ELEVATION - MULTI-STORY MIXED USE - NORTH
A4.1A SCALE: 1/8" = 1'-0"



4 ELEVATION - MULTI-STORY MIXED USE - SOUTH
A4.1A SCALE: 1/8" = 1'-0"



1 ELEVATION - MULTI-STORY MIXED USE - EAST
A4.1A SCALE: 1/8" = 1'-0"



3 ELEVATION - MULTI-STORY MIXED USE - WEST
A4.1A SCALE: 1/8" = 1'-0"

BM 330/22-21105-00 JPS Training Campus - Phase 2/22-21105-00_JPSTC_AR_2020.rvt
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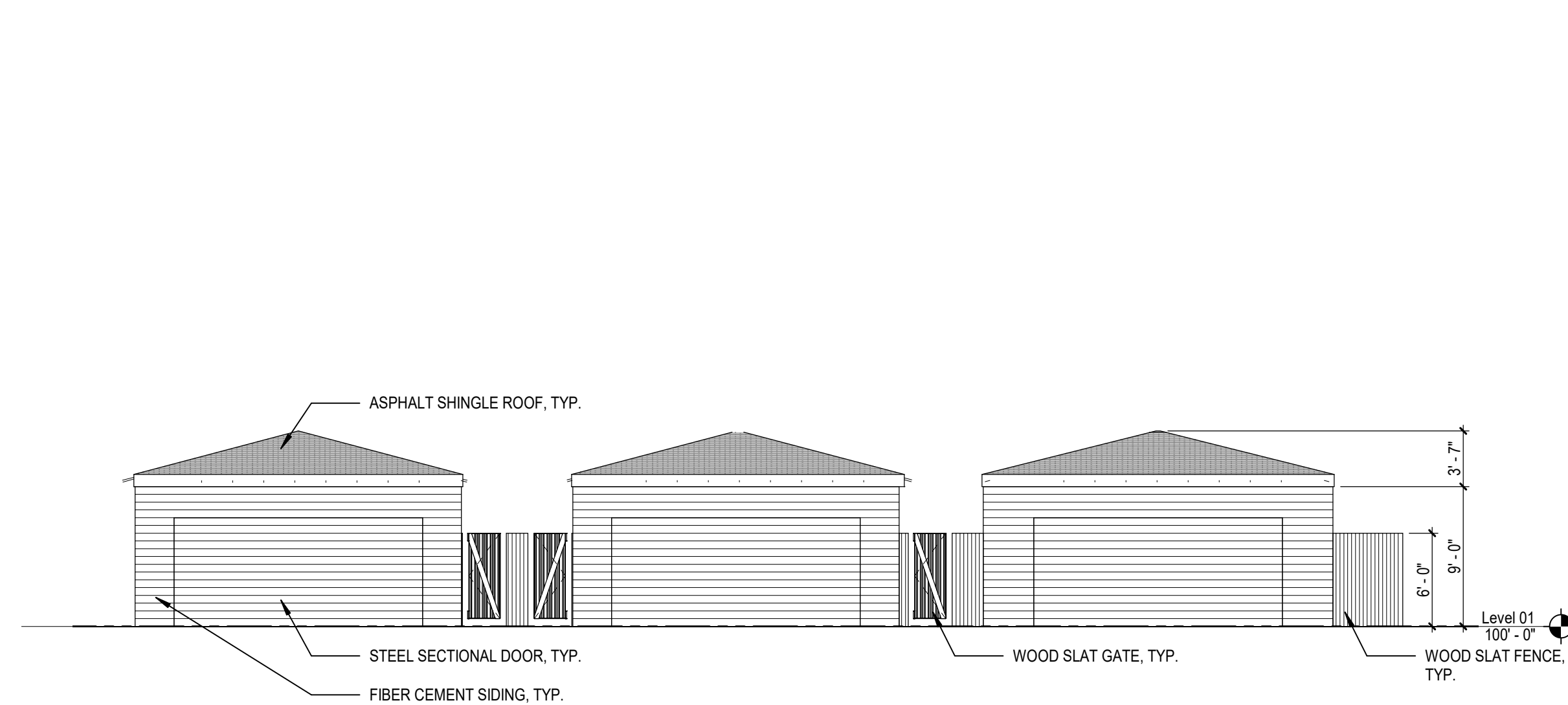
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2

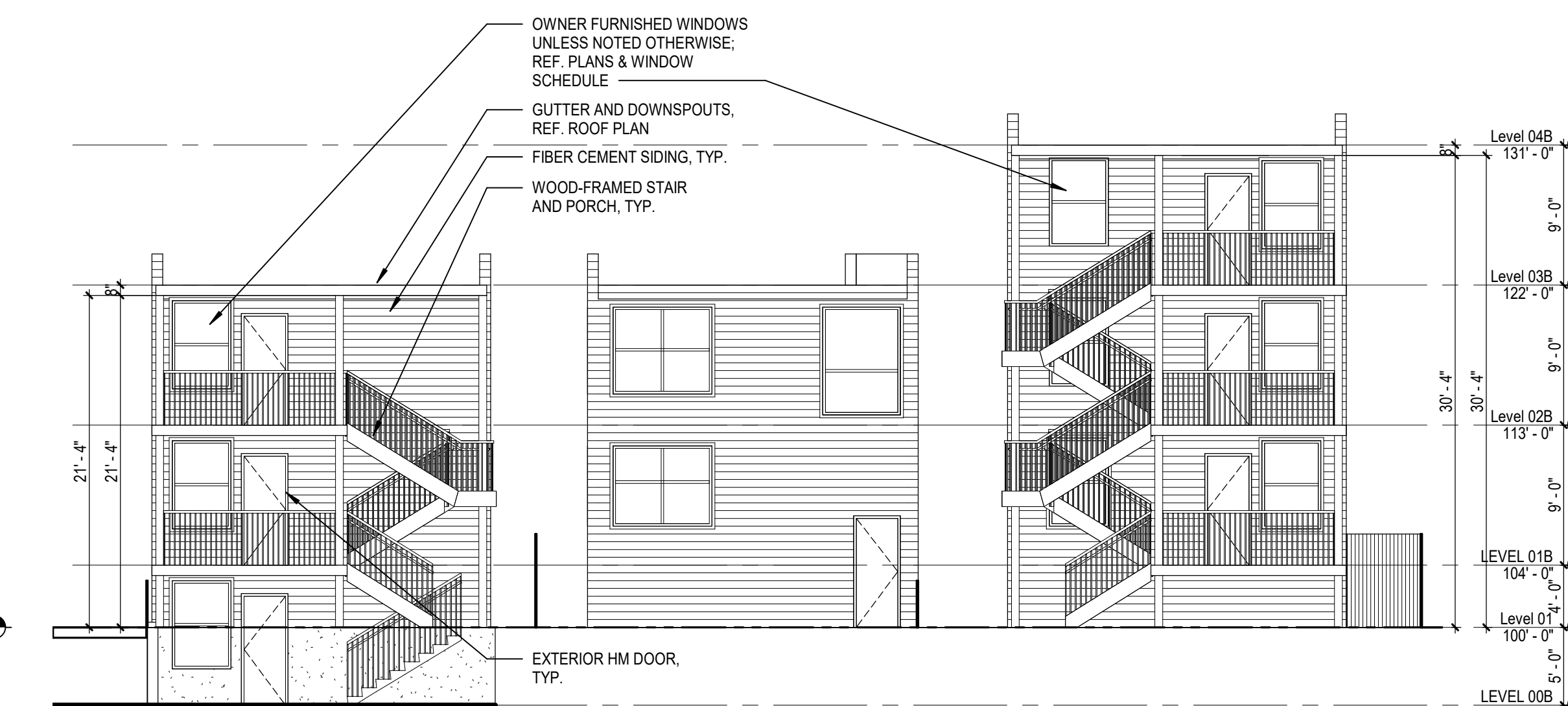
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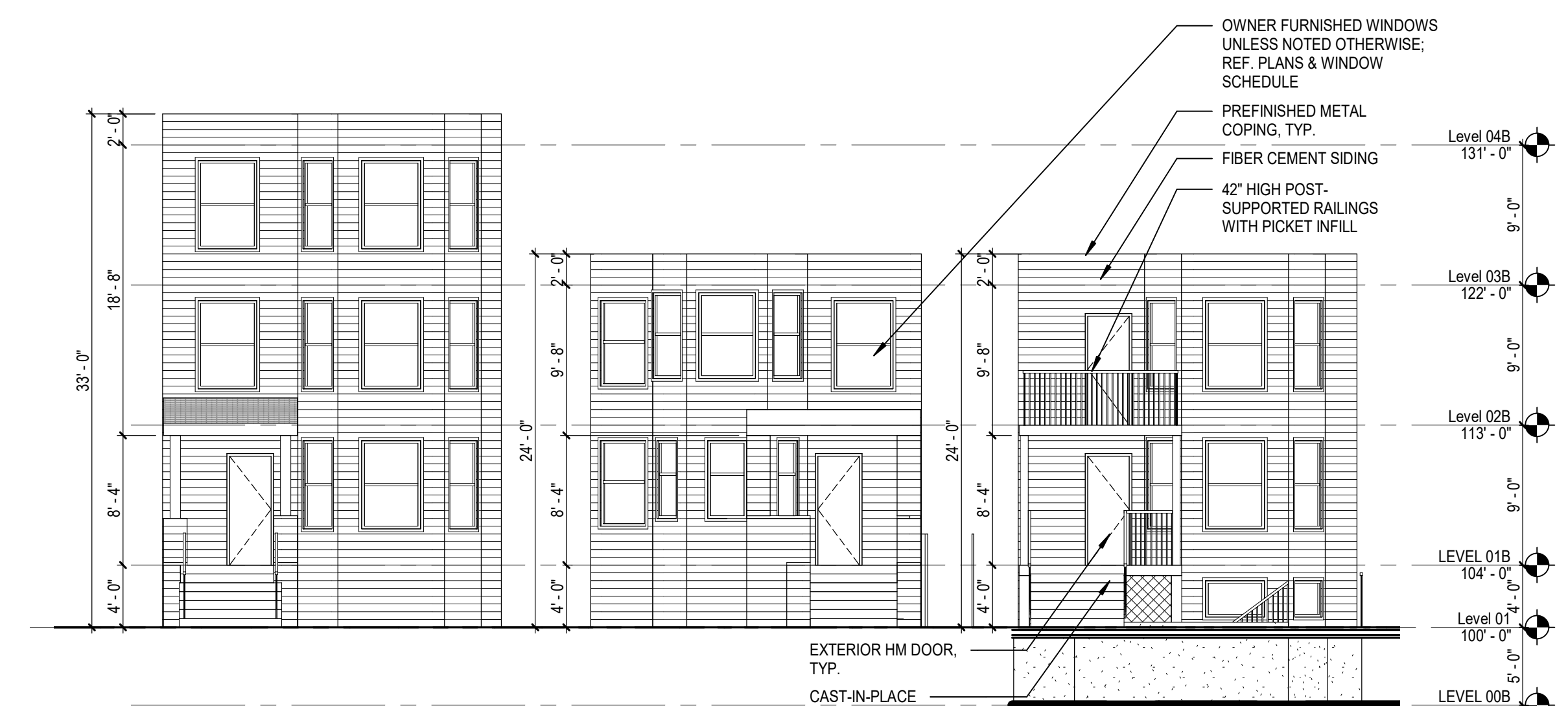
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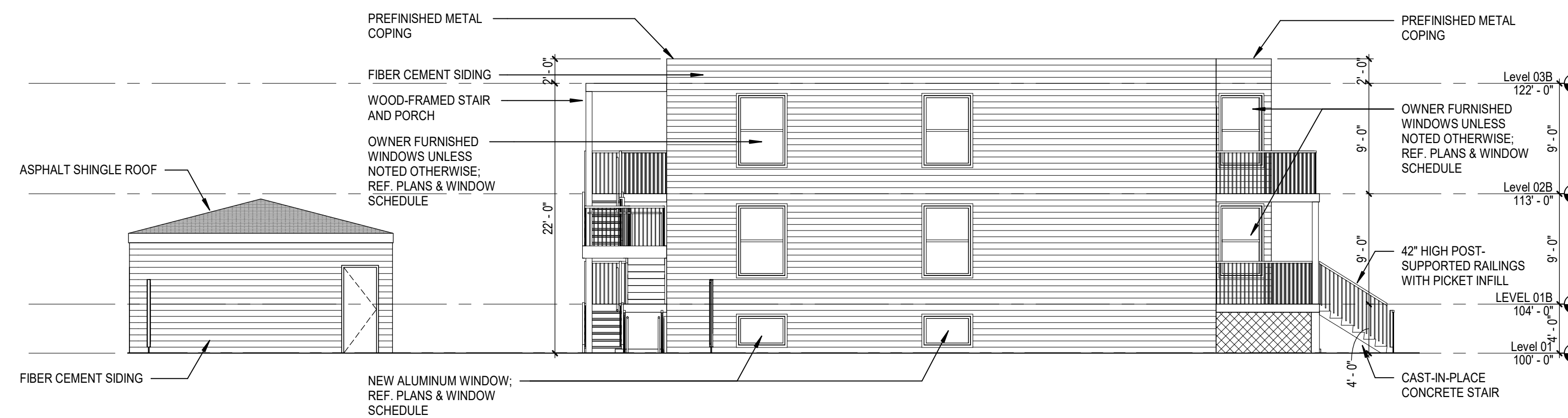
5 ELEVATION - TACTICAL WALK UP GARAGES B1, B2, B3 - WEST
A4.1B / SCALE: 1/8" = 1'-0"



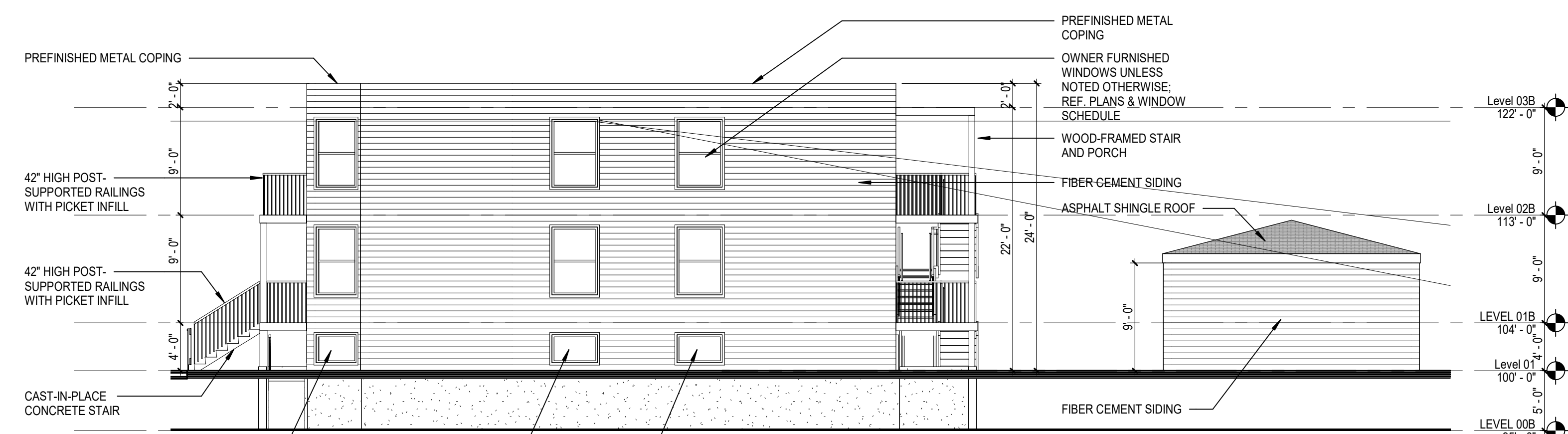
4 ELEVATION - TACTICAL WALK UPS B1, B2, B3 - WEST
A4.1B / SCALE: 1/8" = 1'-0"



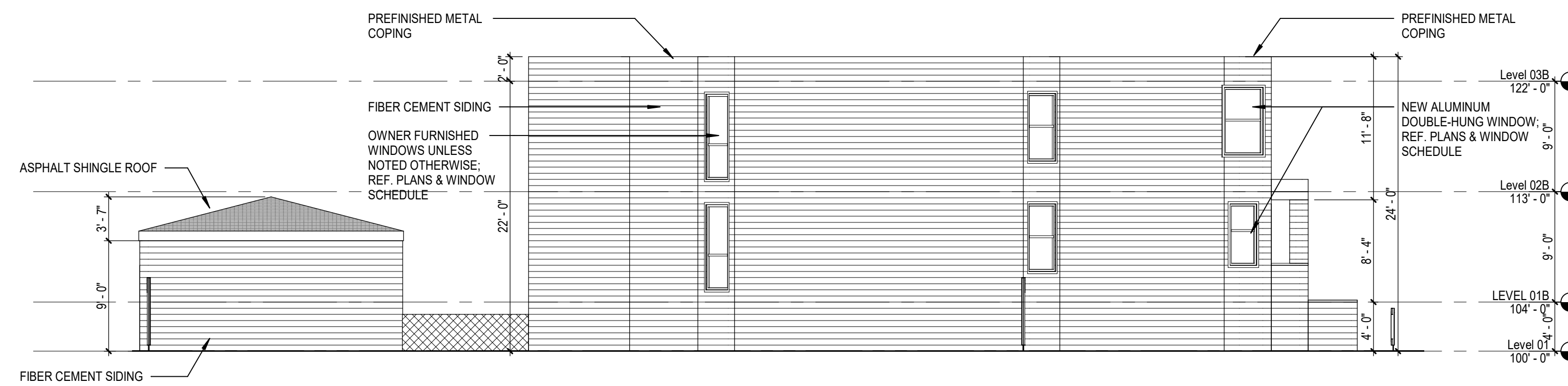
1 ELEVATION - TACTICAL WALK UPS B1, B2, B3 - EAST
A4.1B / SCALE: 1/8" = 1'-0"



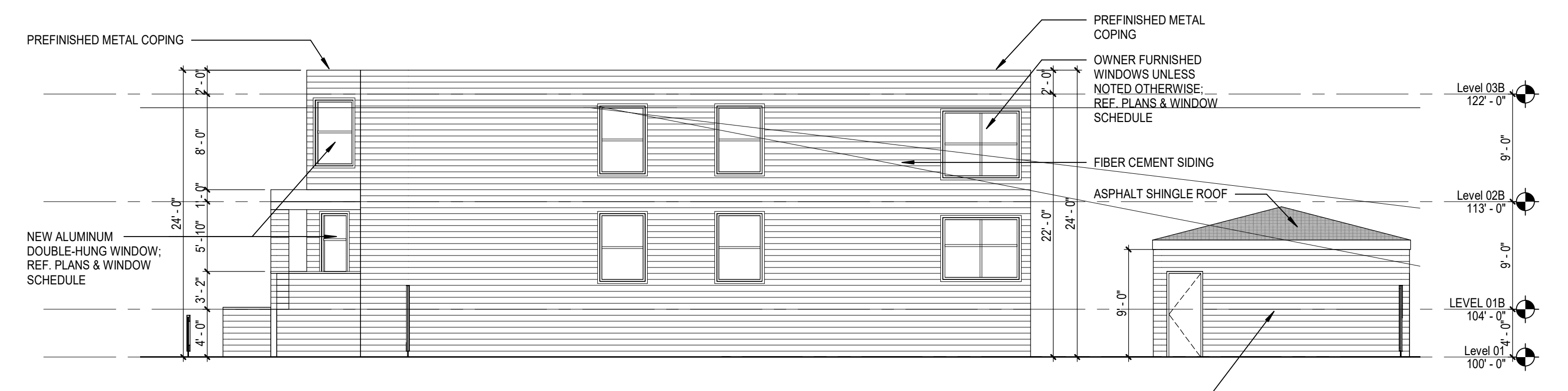
6 ELEVATION - TACTICAL WALK UP B1 - SOUTH
A4.1B / SCALE: 1/8" = 1'-0"



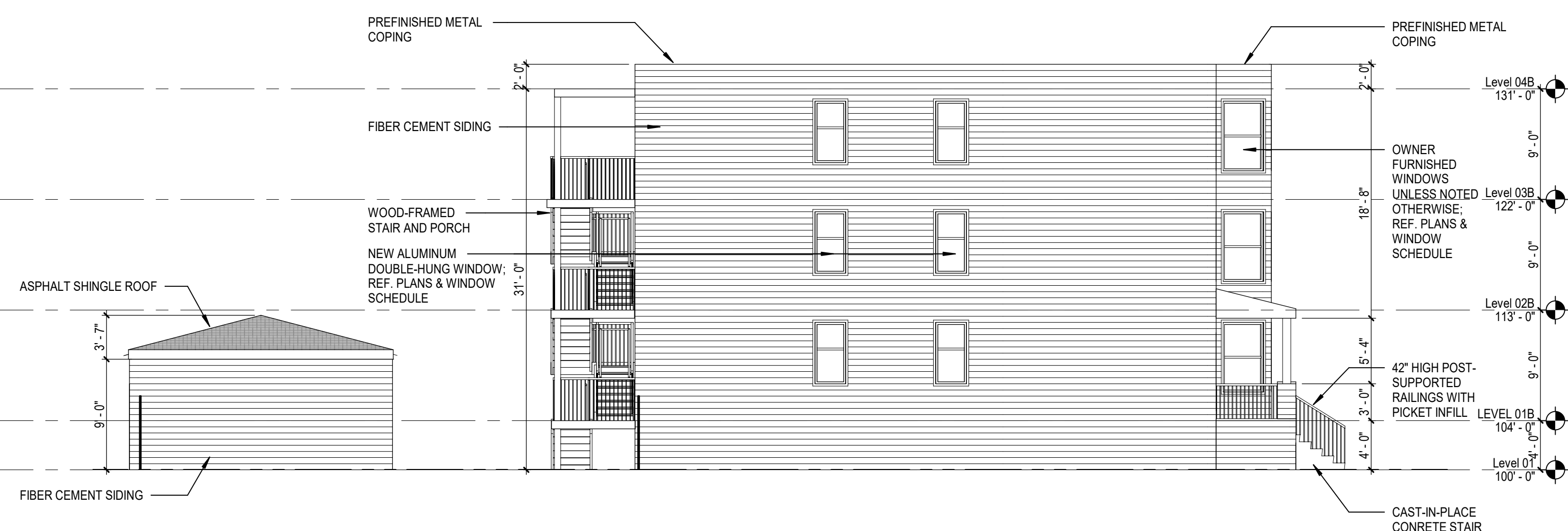
2 ELEVATION - TACTICAL WALK UP B1 - NORTH
A4.1B / SCALE: 1/8" = 1'-0"



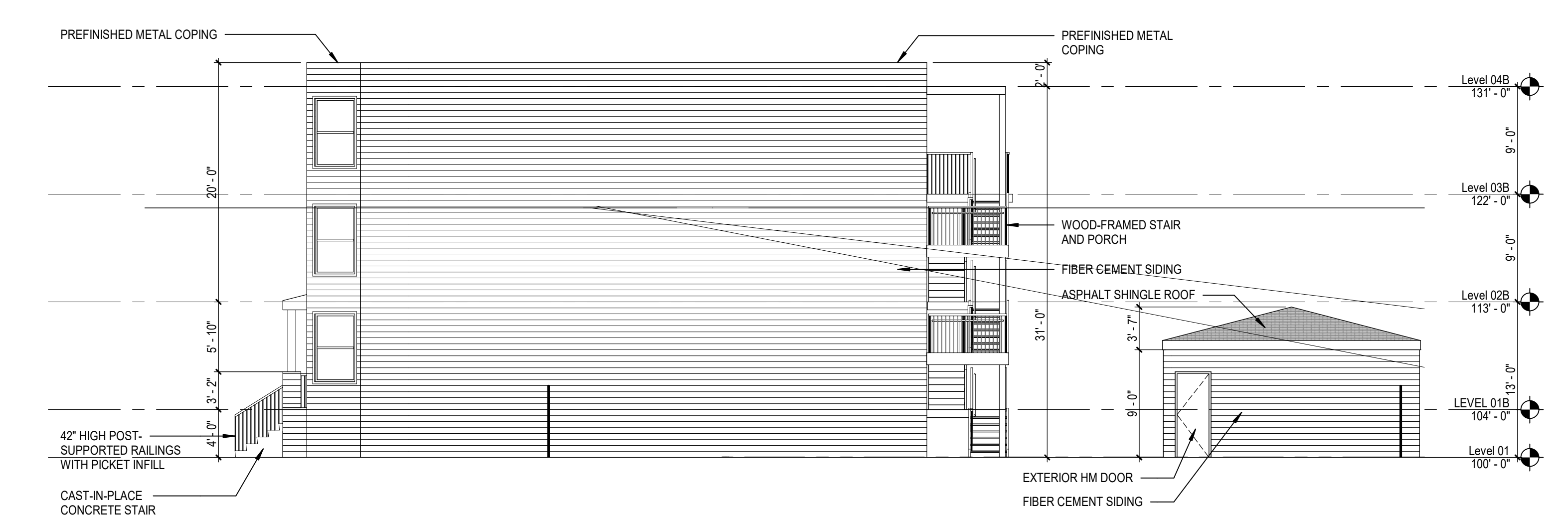
8 ELEVATION - TACTICAL WALK UP B2 - SOUTH
A4.1B / SCALE: 1/8" = 1'-0"



7 ELEVATION - TACTICAL WALK UP B2 - NORTH
A4.1B / SCALE: 1/8" = 1'-0"



3 ELEVATION - TACTICAL WALK UP B3 - SOUTH
A4.1B / SCALE: 1/8" = 1'-0"



9 ELEVATION - TACTICAL WALK UP B3 - NORTH
A4.1B / SCALE: 1/8" = 1'-0"

BM 330/22-21105-00 JPS Training Campus - Phase 2/22-21105-00_JPSTC_AR_2020.rvt
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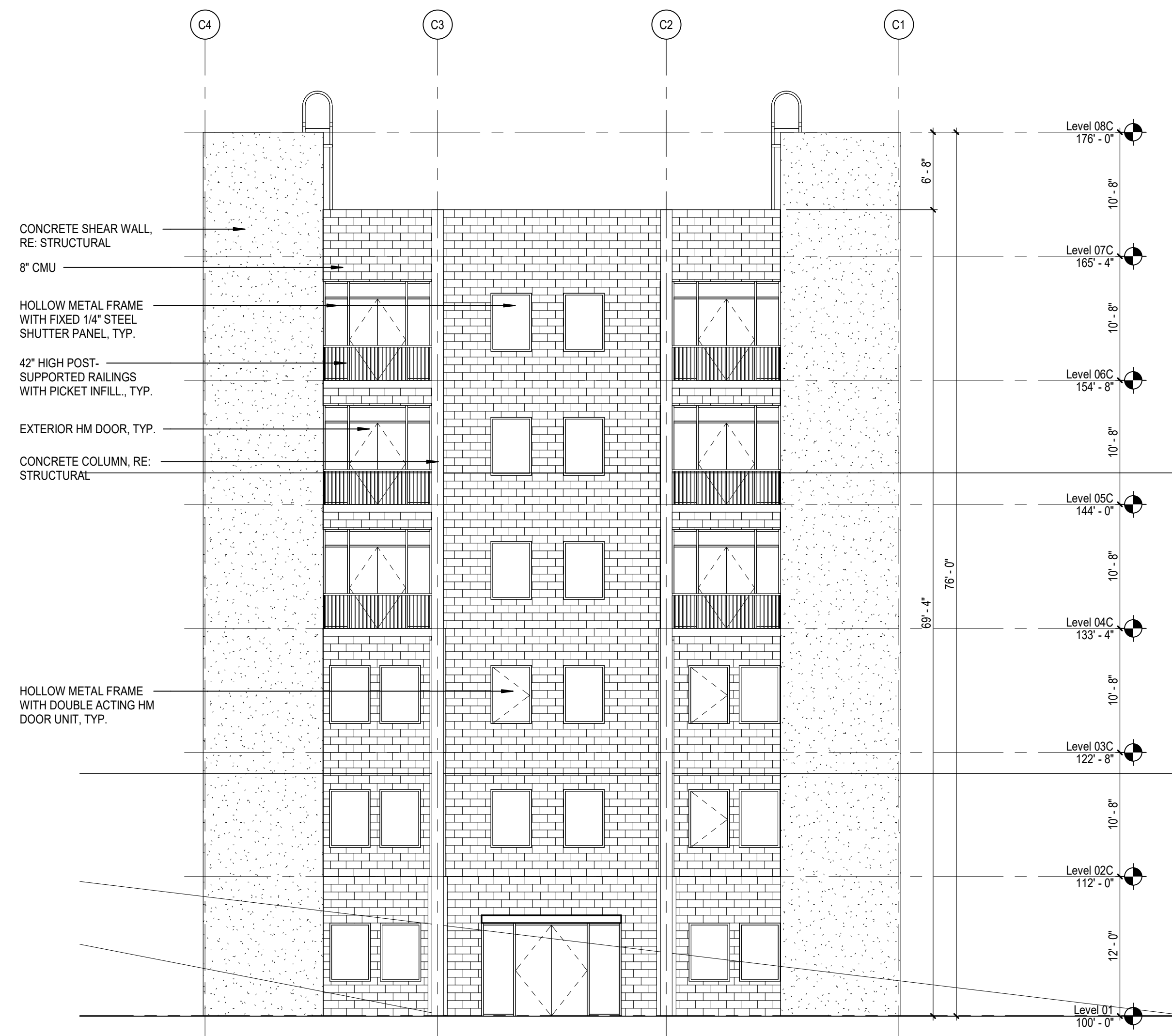
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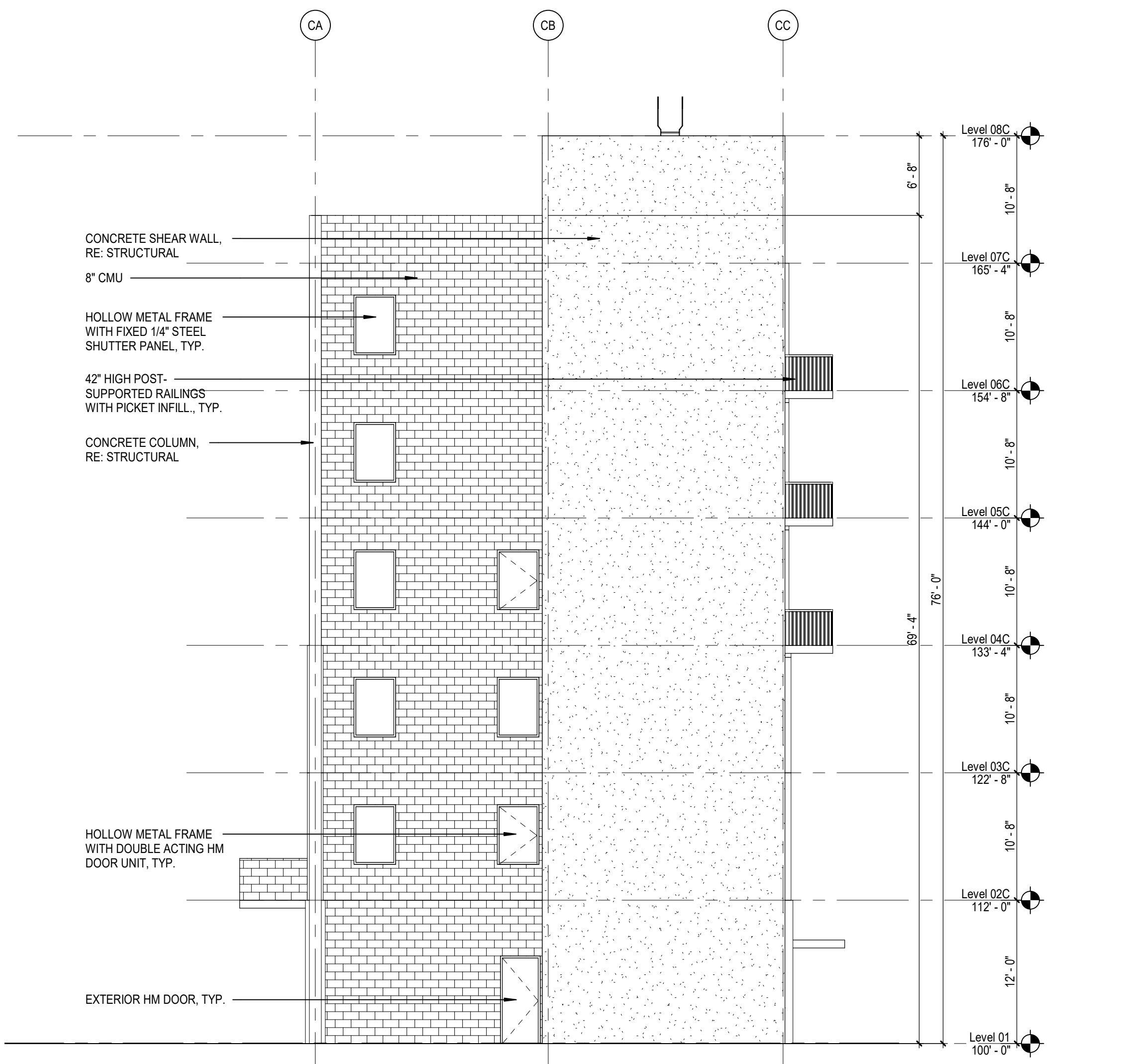
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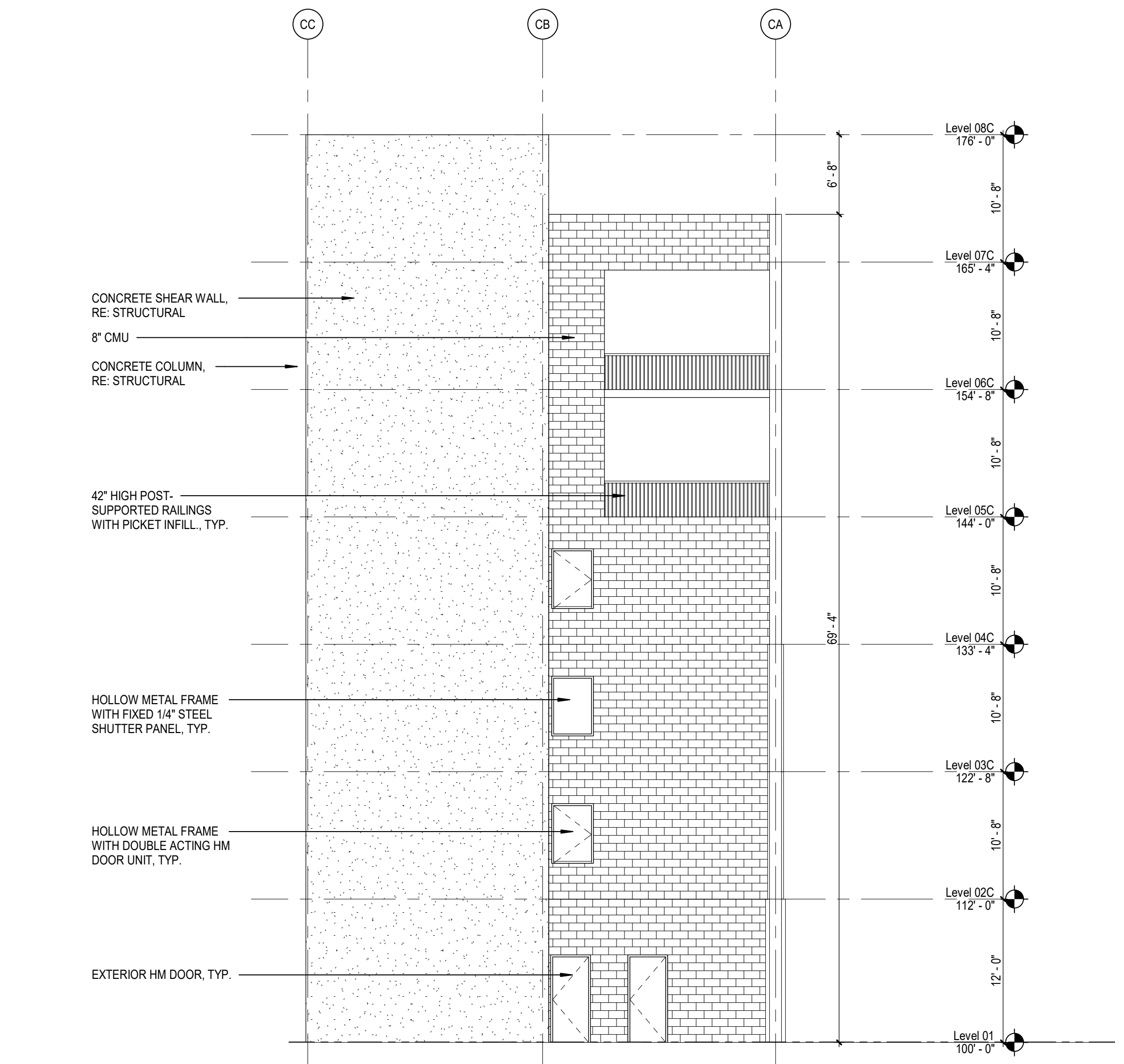
1 ELEVATION - BURN TOWER - NORTH
A4.1C SCALE: 1/8" = 1'-0"



2 ELEVATION - BURN TOWER - EAST
A4.1C SCALE: 1/8" = 1'-0"



3 ELEVATION - BURN TOWER - SOUTH
A4.1C SCALE: 1/8" = 1'-0"



4 ELEVATION - BURN TOWER - WEST
A4.1C SCALE: 1/8" = 1'-0"

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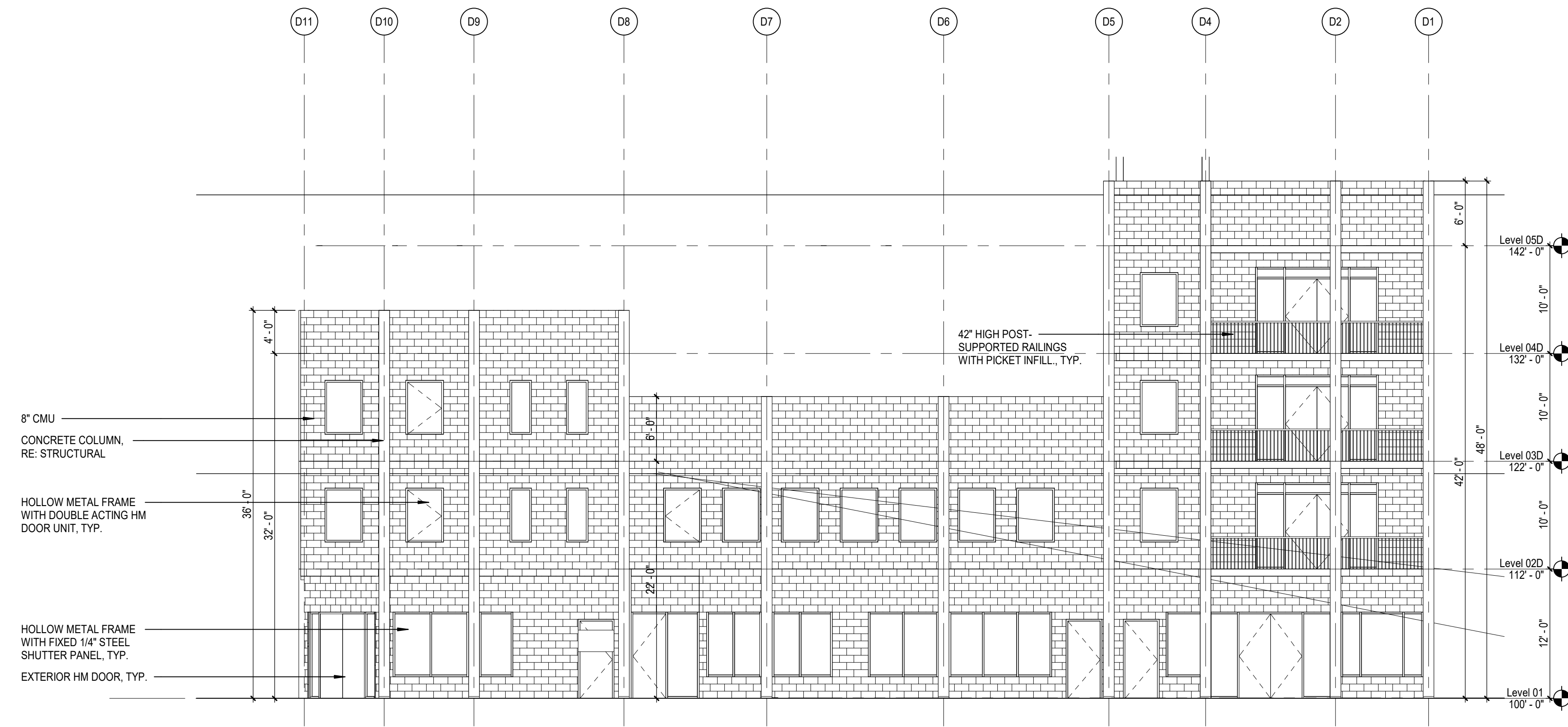
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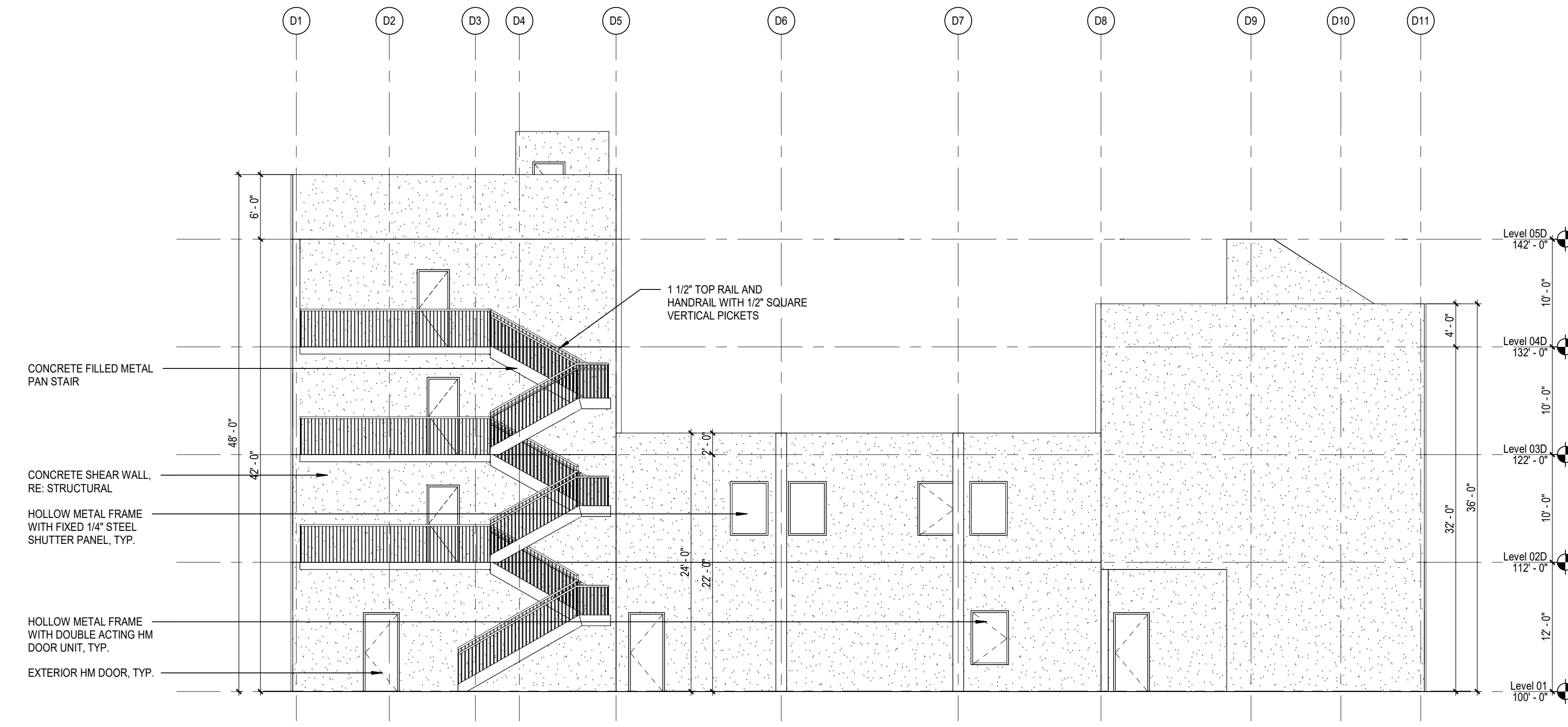
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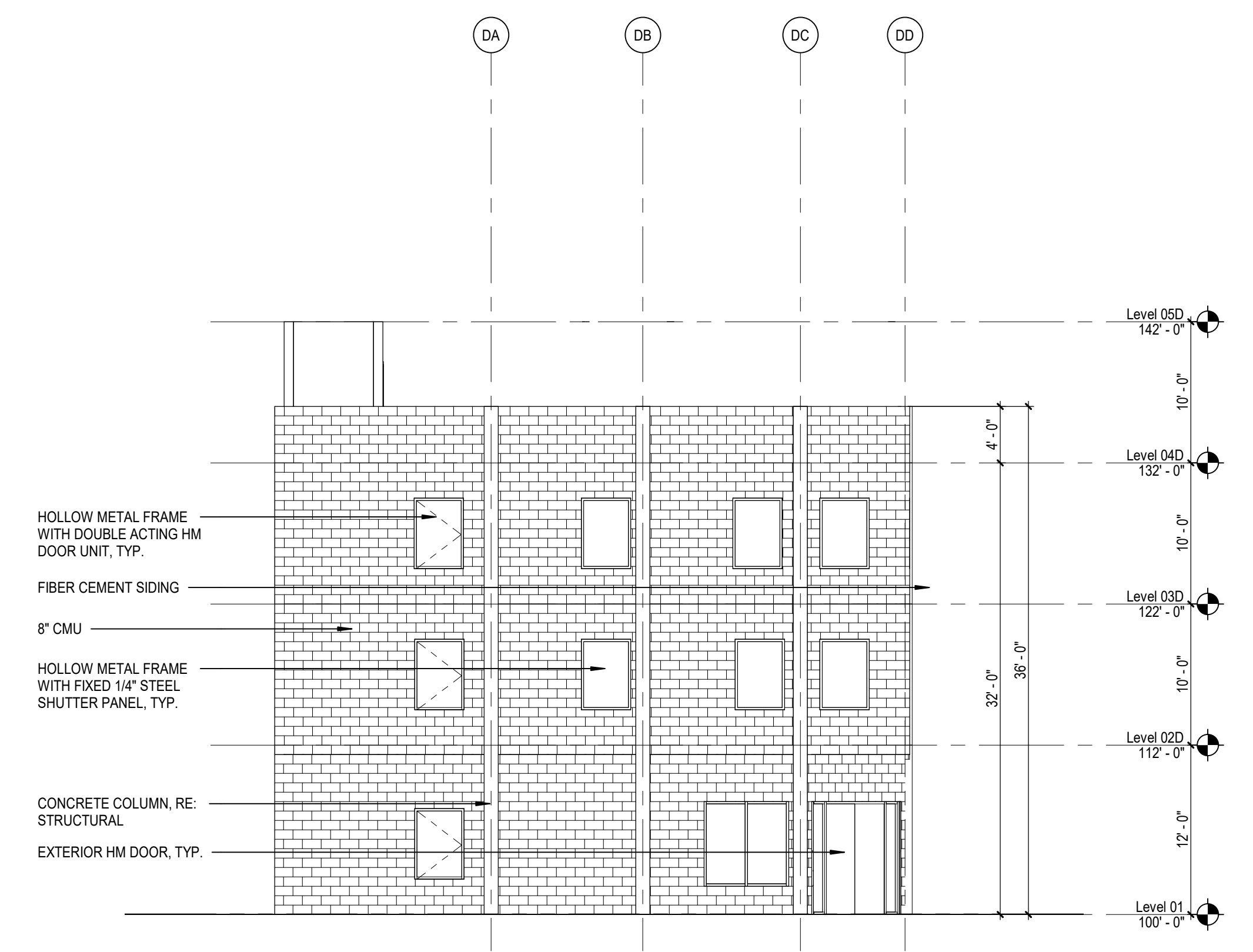
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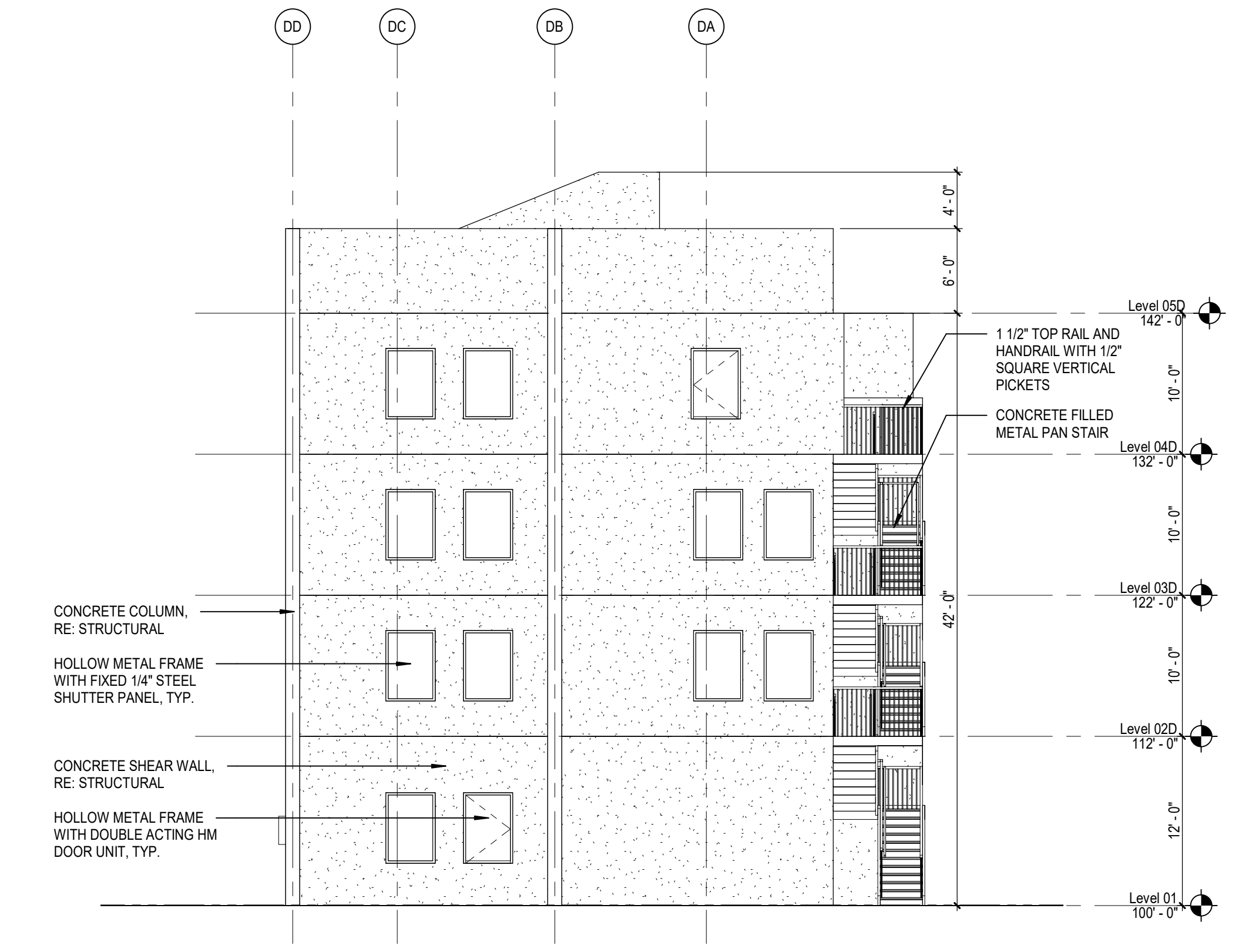
1 ELEVATION - MIXED USE LIVE FIRE - NORTH
A4.1D SCALE: 1/8" = 1'-0"



3 ELEVATION - MIXED USE LIVE FIRE - SOUTH
A4.1D SCALE: 1/8" = 1'-0"



2 ELEVATION - MIXED USE LIVE FIRE - EAST
A4.1D SCALE: 1/8" = 1'-0"



4 ELEVATION - MIXED USE LIVE FIRE - WEST
A4.1D SCALE: 1/8" = 1'-0"



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EXTERIOR
ELEVATIONS -
AREA D

A4.1D

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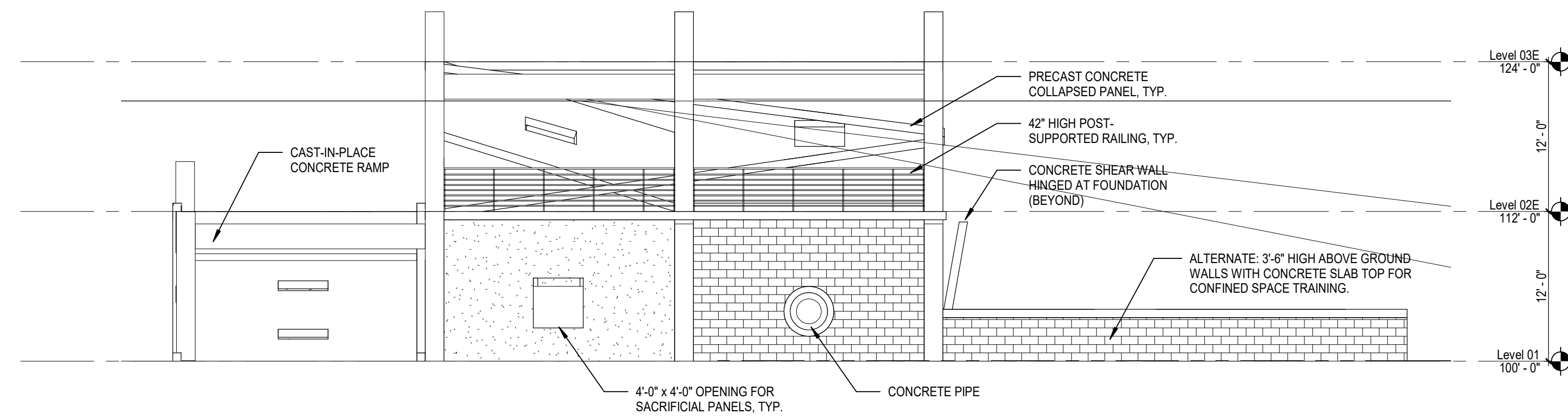
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2

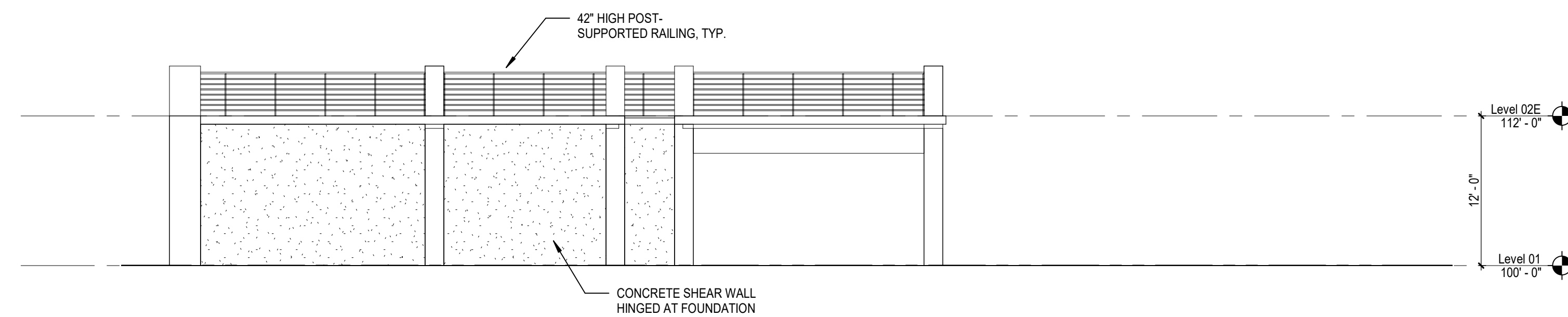
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4

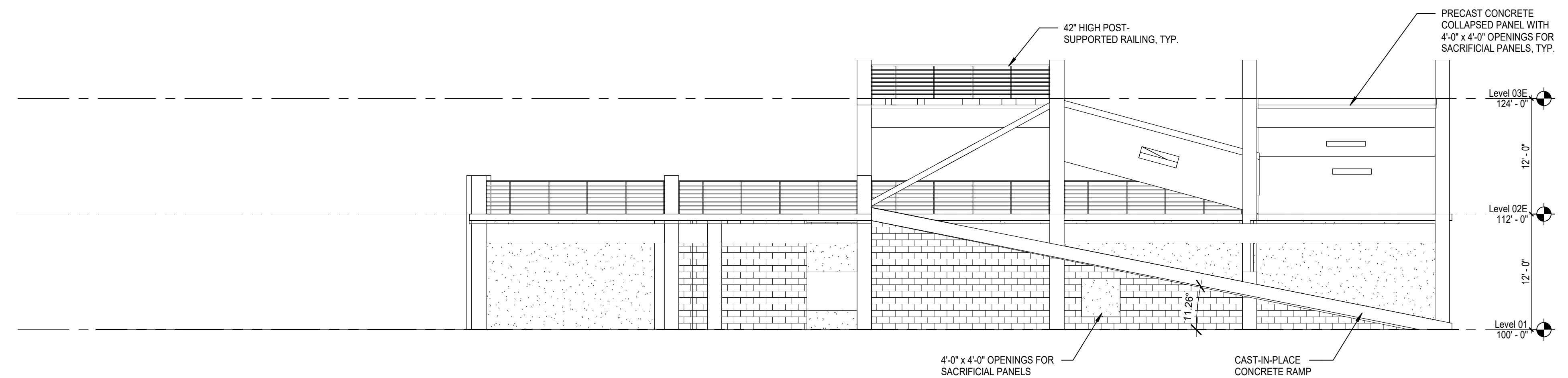
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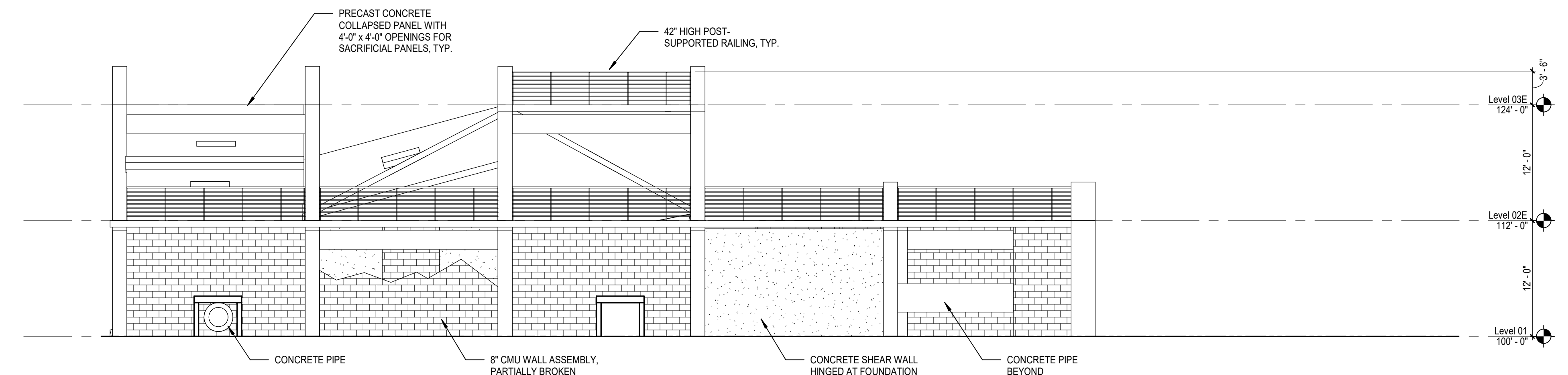
1 ELEVATION - TECHNICAL RESCUE PROP - NORTH
A4.1E SCALE: 1/8" = 1'-0"



2 ELEVATION - TECHNICAL RESCUE PROP - SOUTH
A4.1E SCALE: 1/8" = 1'-0"



3 ELEVATION - TECHNICAL RESCUE PROP - EAST
A4.1E SCALE: 1/8" = 1'-0"

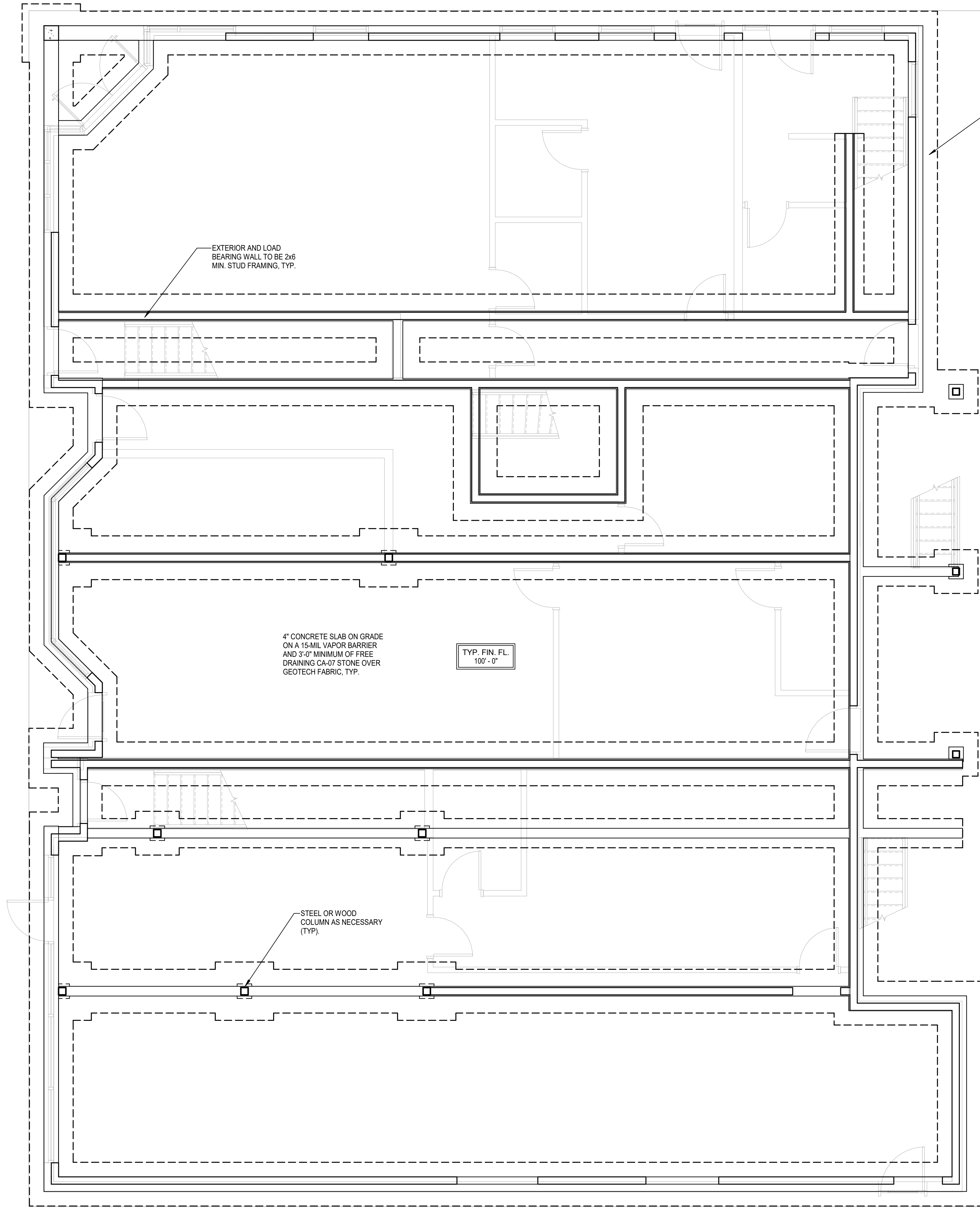


4 ELEVATION - TECHNICAL RESCUE PROP - WEST
A4.1E SCALE: 1/8" = 1'-0"

EXTERIOR WINDOW SCHEDULE								
FRAME NUMBER	HEIGHT	WIDTH	FIRE RATING	DETAILS				COMMENTS
				HEAD	JAMB LEFT	JAMB RIGHT	SILL	
W1	5'-8"	3'-9 3/8"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W2	5'-6"	3'-7 3/4"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W3	6'-11 1/4"	2'-11 23/32"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W4	5'-2"	6'-4 3/8"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W5	5'-7"	6'-4 3/8"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W6	6'-11 1/4"	4'-11 7/8"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W7	6'-11 1/4"	5'-1 1/2"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W8	7'-0 3/8"	5'-6 1/2"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W9	5'-8"	3'-9 1/2"	-					OWNER FURNISHED, CONTRACTOR INSTALLED
W10	5'-0"	2'-6"	-					CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
W11	2'-4"	3'-9 3/8"	-					CONTRACTOR FURNISHED, CONTRACTOR INSTALLED
W13	5'-0"	3'-6"	-					CONTRACTOR FURNISHED, CONTRACTOR INSTALLED; HM FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL
W14	5'-0"	3'-6"	-					CONTRACTOR FURNISHED, CONTRACTOR INSTALLED; HM FRAME WITH DOUBLE ACTING HM DOOR UNIT
W15	5'-0"	2'-0"	-					CONTRACTOR FURNISHED, CONTRACTOR INSTALLED; HM FRAME WITH FIXED 1/4" STEEL SHUTTER PANEL

FOUNDATION - AREA A

SCALE: 1/4" = 1'-0"



SPREAD FOOTING (1'-0\"/>

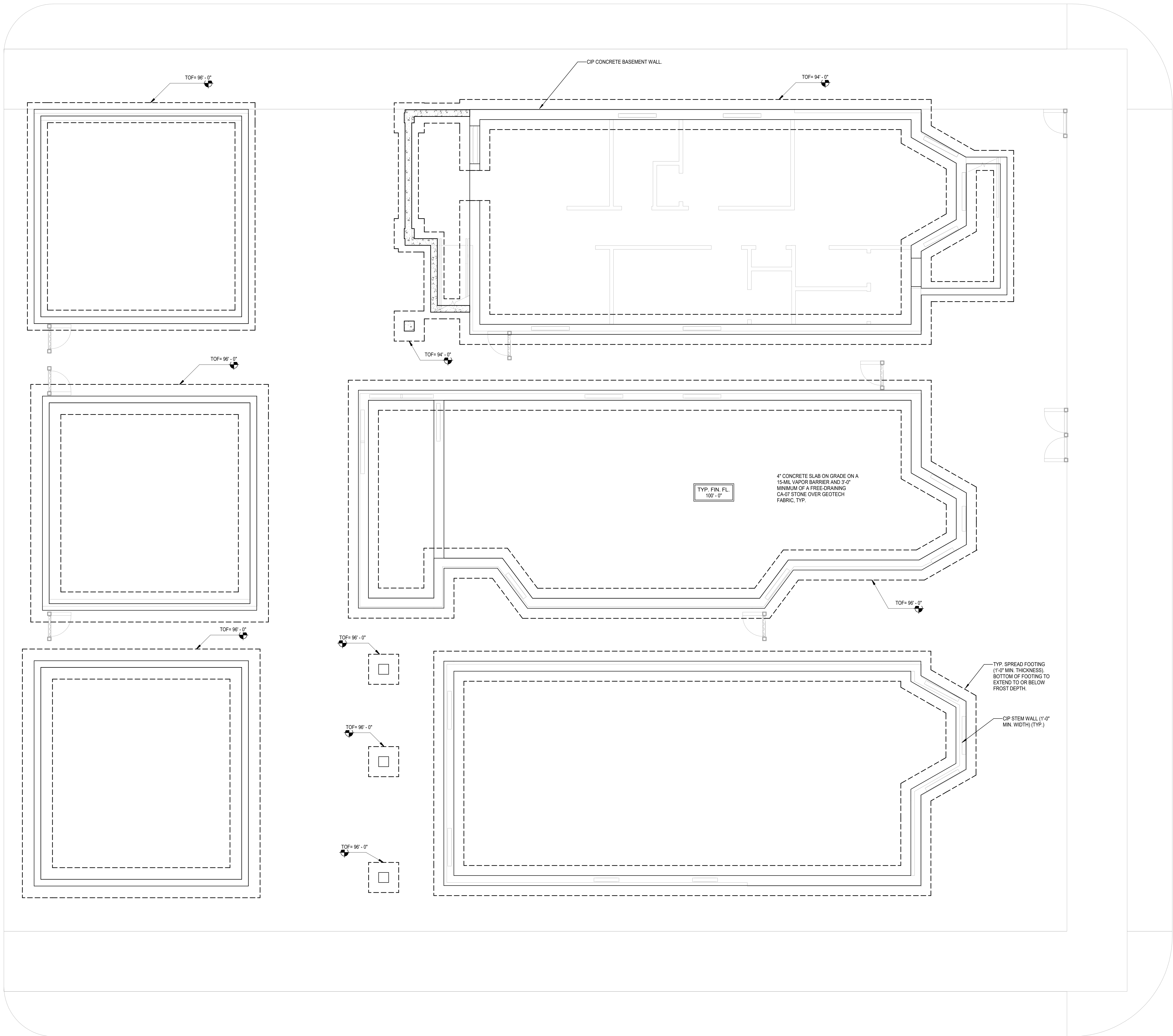
EXTERIOR AND LOAD
BEARING WALL TO BE 2x6
MIN. STUD FRAMING, TYP.

4\"/>

TYP. FIN. FL.
100' - 0"

STEEL OR WOOD
COLUMN AS NECESSARY
(TYP.)

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FOUNDATION - AREA B

SCALE: 1/4" = 1'-0"



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FOUNDATION
AREA C

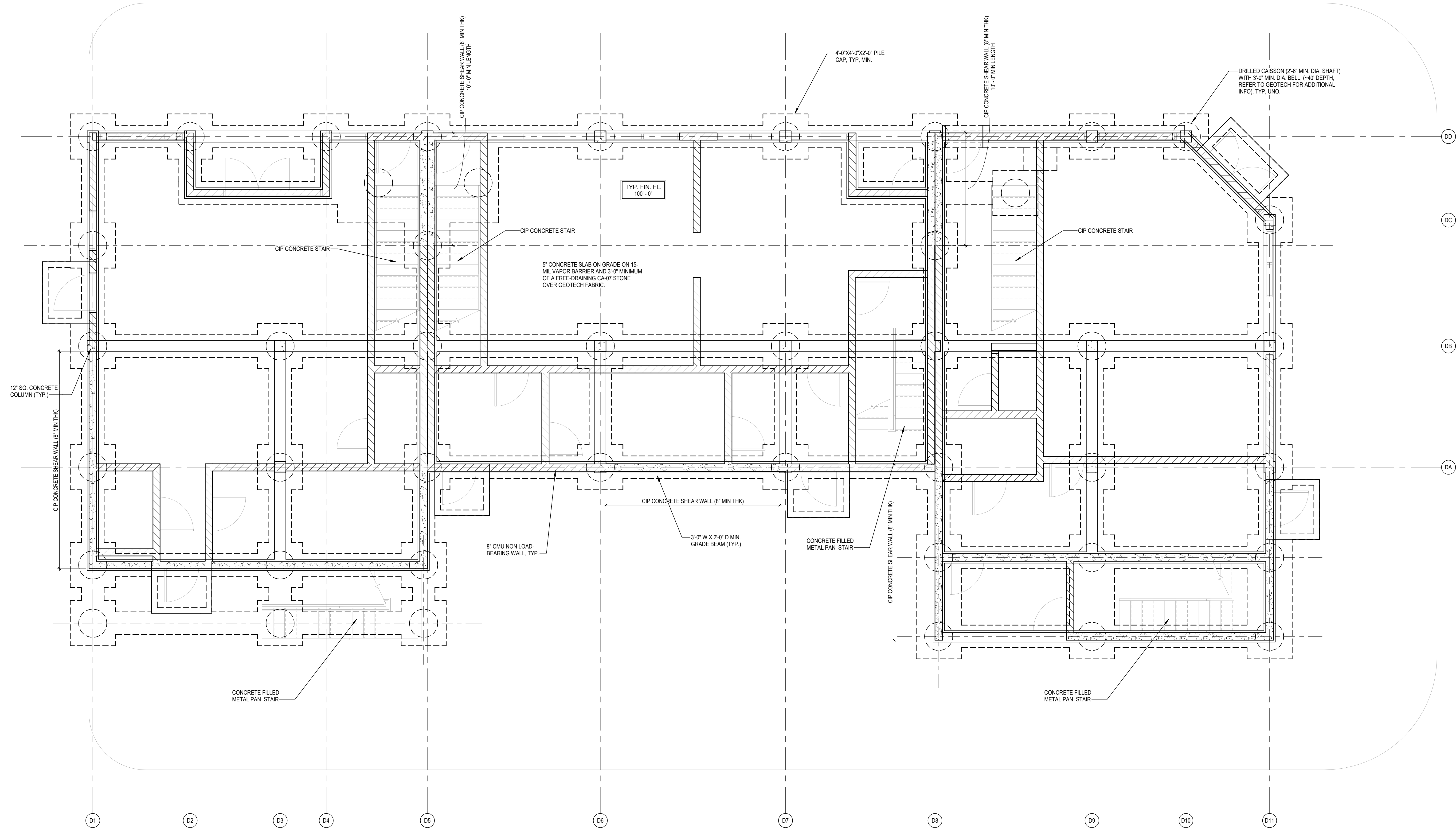
S1.1C



SCALE: 1/4" = 1'-0"

BIM 360://22-21105-00 JPS Training Campus - Phase 2/22-21105-00_JPS TC_ST_2020.mt
5/7/2021 12:18:26 PM

BM 330/22-21105-00 JPS Training Campus - Phase 2/21105-00_JPS TC ST_2020.rvt
5/7/2021 12:13:27 PM



FOUNDATION - AREA D

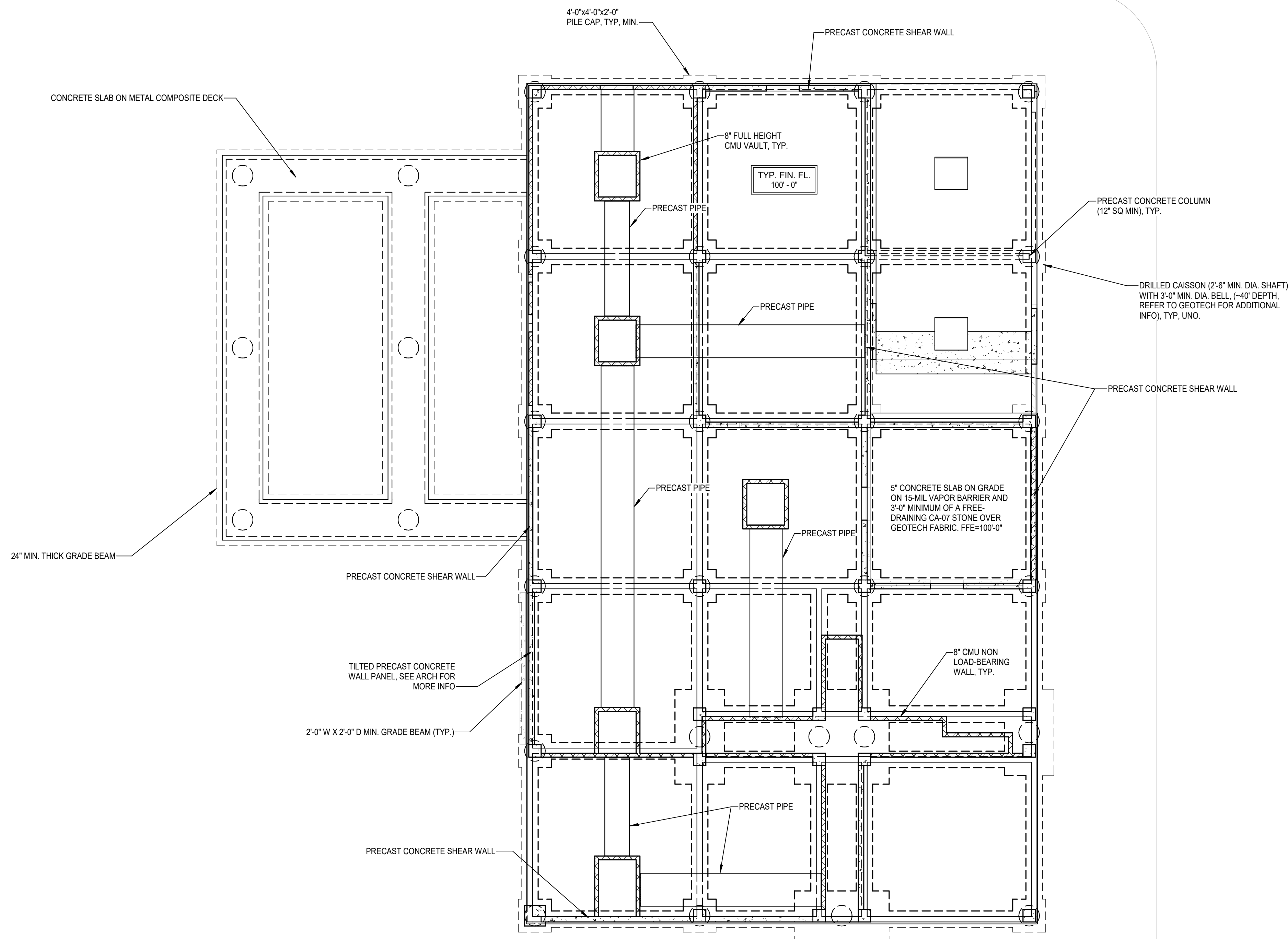
SCALE: 1/4" = 1'-0"

NOTES: AT CONTRACTOR'S OPTION,
ALTERNATE FOUNDATION SYSTEM CONSISTING OF
MAT FOUNDATION SLAB AND RAMMED
AGGREGATE PIER (RAP) GROUND IMPROVEMENT
MAY BE UTILIZED. SEE GEOTECH REPORT FOR
PRELIMINARY RECOMMENDATIONS FOR RAP
SYSTEM.

BM 330/22-21105-00 JPS Training Campus - Phase 2/22-21105-00 JPS TC ST_2020.rvt
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FOUNDATION - AREA E

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

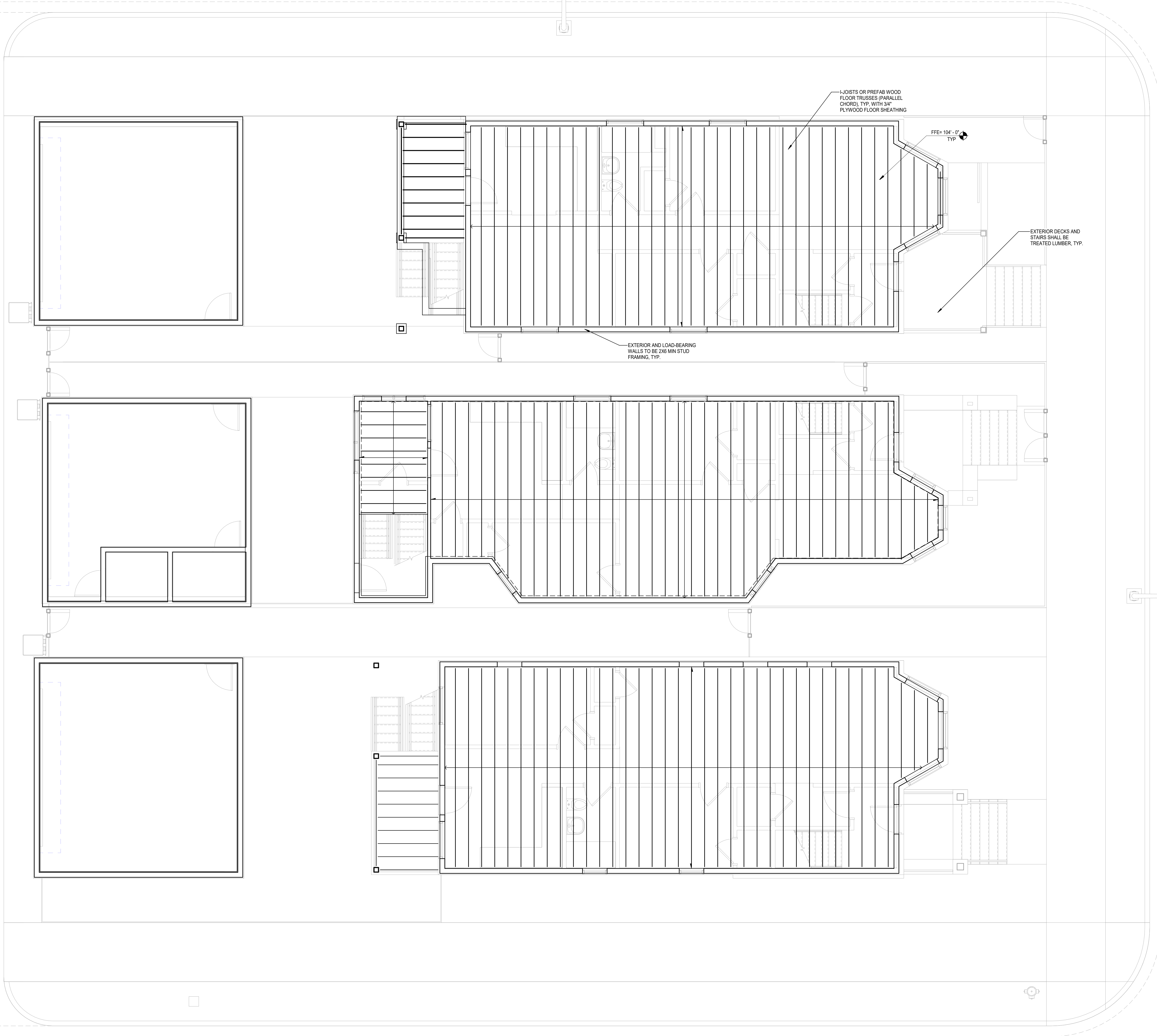


NOTES: AT CONTRACTOR'S OPTION, ALTERNATE FOUNDATION SYSTEM CONSISTING OF MAT FOUNDATION SLAB AND RAMMED AGGREGATE PIER (RAP) GROUND IMPROVEMENT MAY BE UTILIZED. SEE GEOTECH REPORT FOR PRELIMINARY RECOMMENDATIONS FOR RAP SYSTEM.

BM 330/22-21105-00 JPS Training Campus - Phase 2/22-21105-00 JPS TC ST_2020.rvt
5/7/2021 12:18:29 PM

LEVEL 1 - AREA B

SCALE: 1/4" = 1'-0"



S2.1B

LEVEL 1 - AREA B

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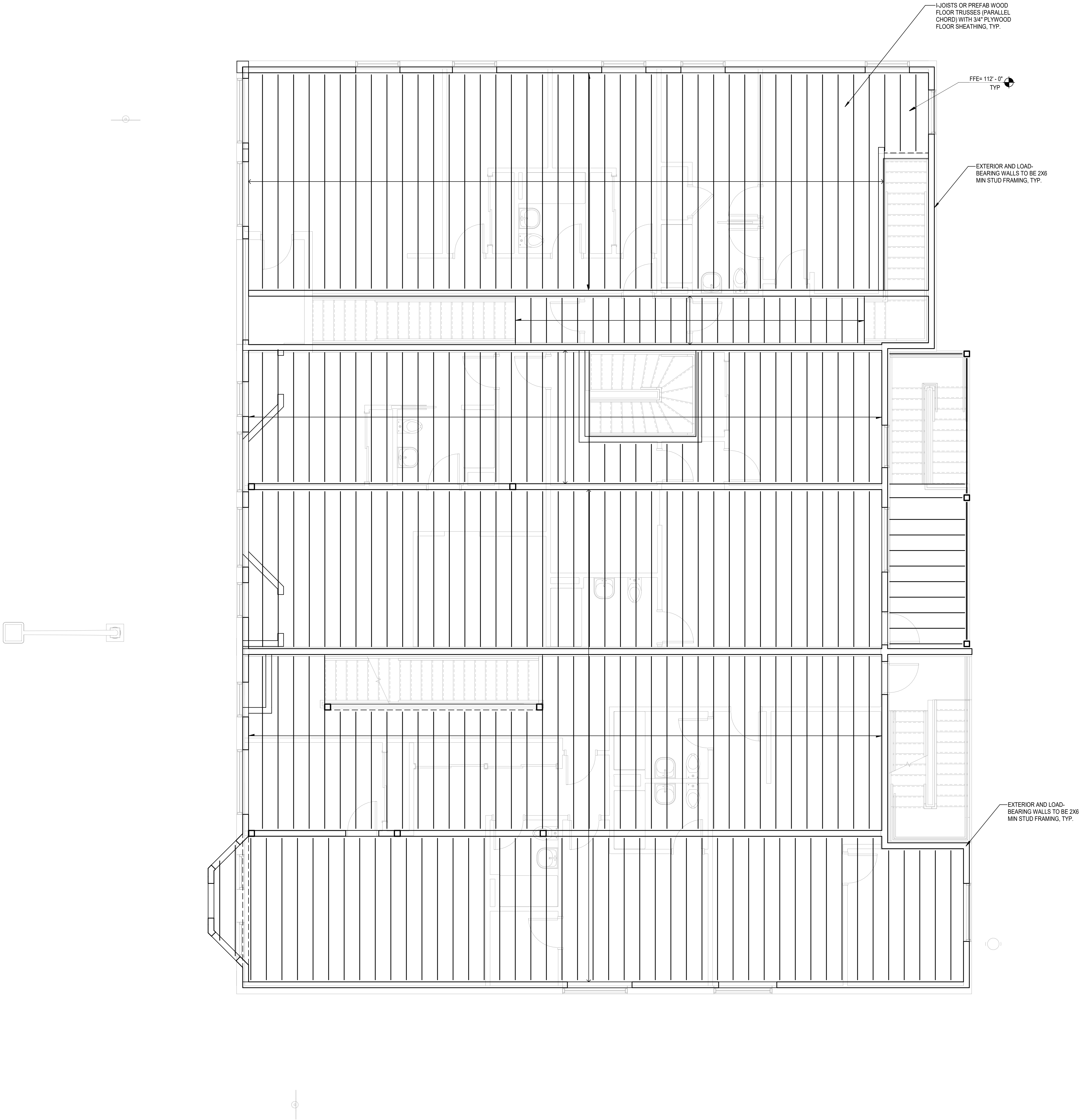
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LEVEL 2 - AREA A

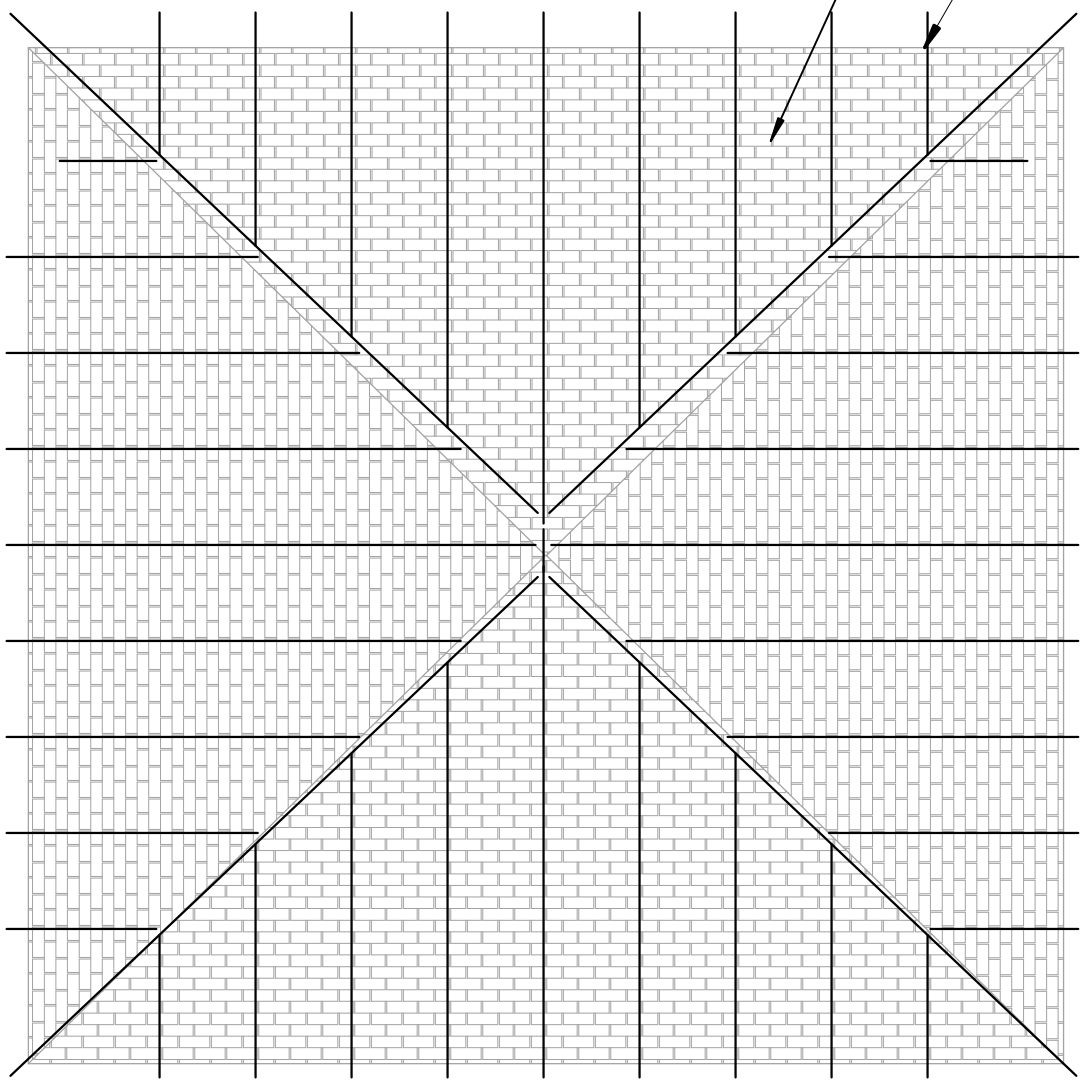
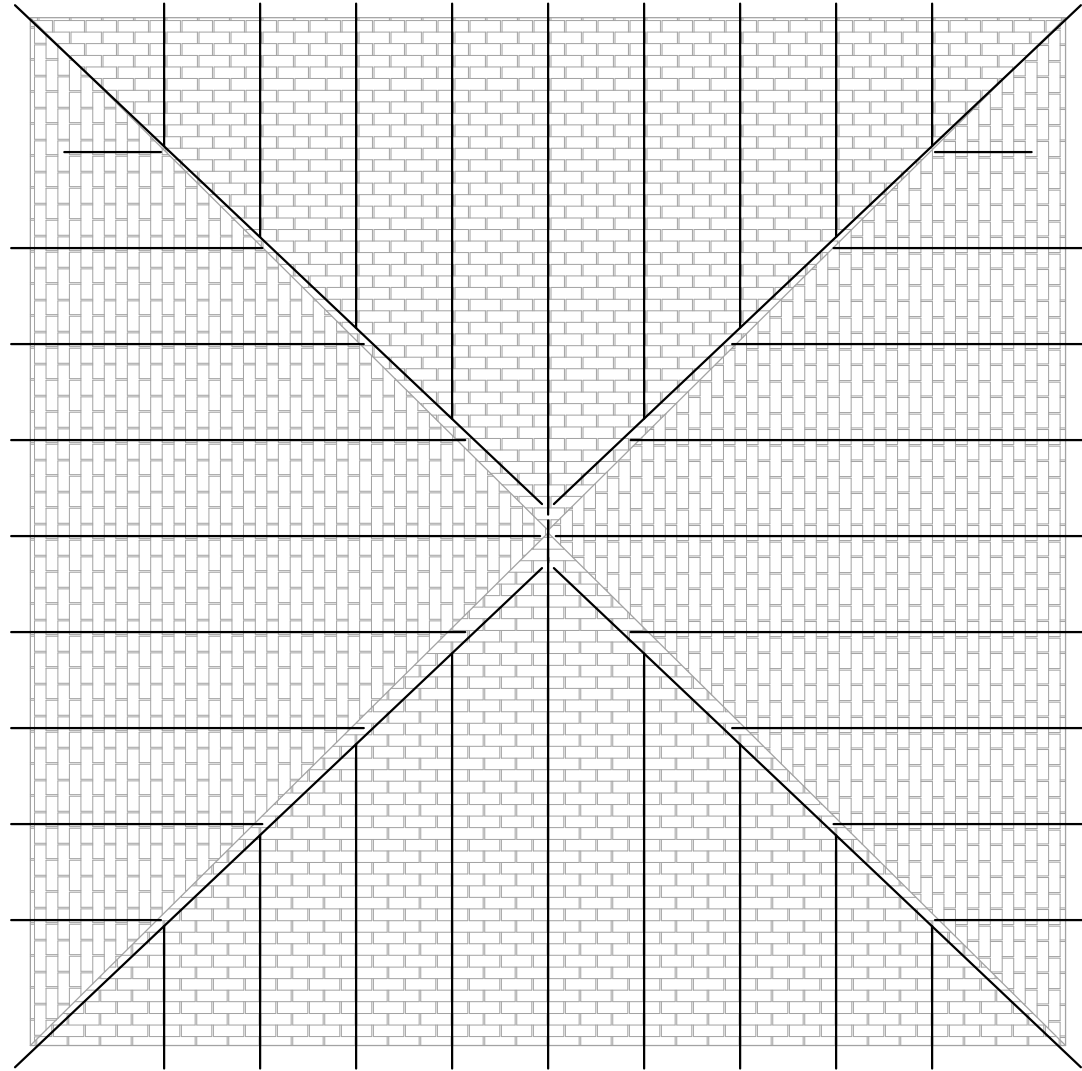
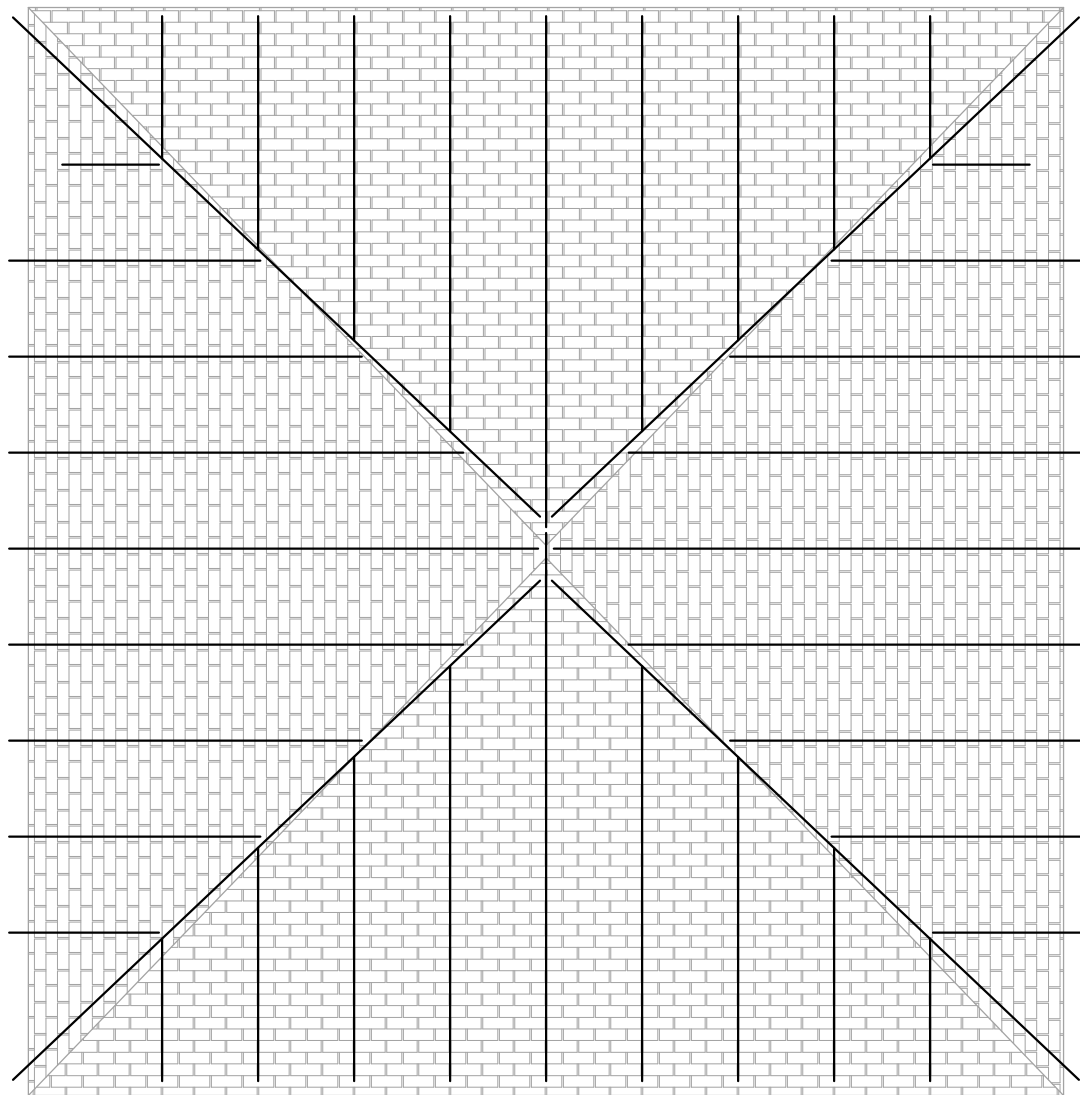
SCALE: 1/4" = 1'-0"



BM 330/22-21105-00 JPS Training Campus - Phase 2/21105-00_JPS TC_ST_2020.rvt
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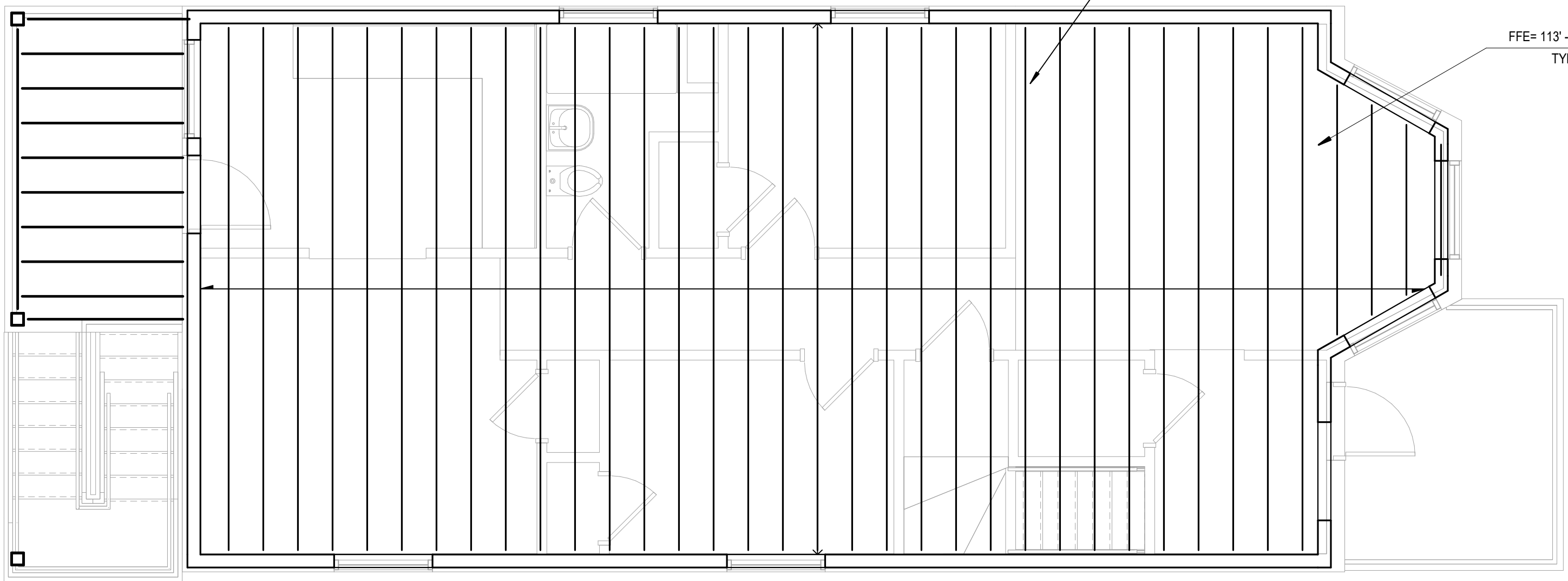
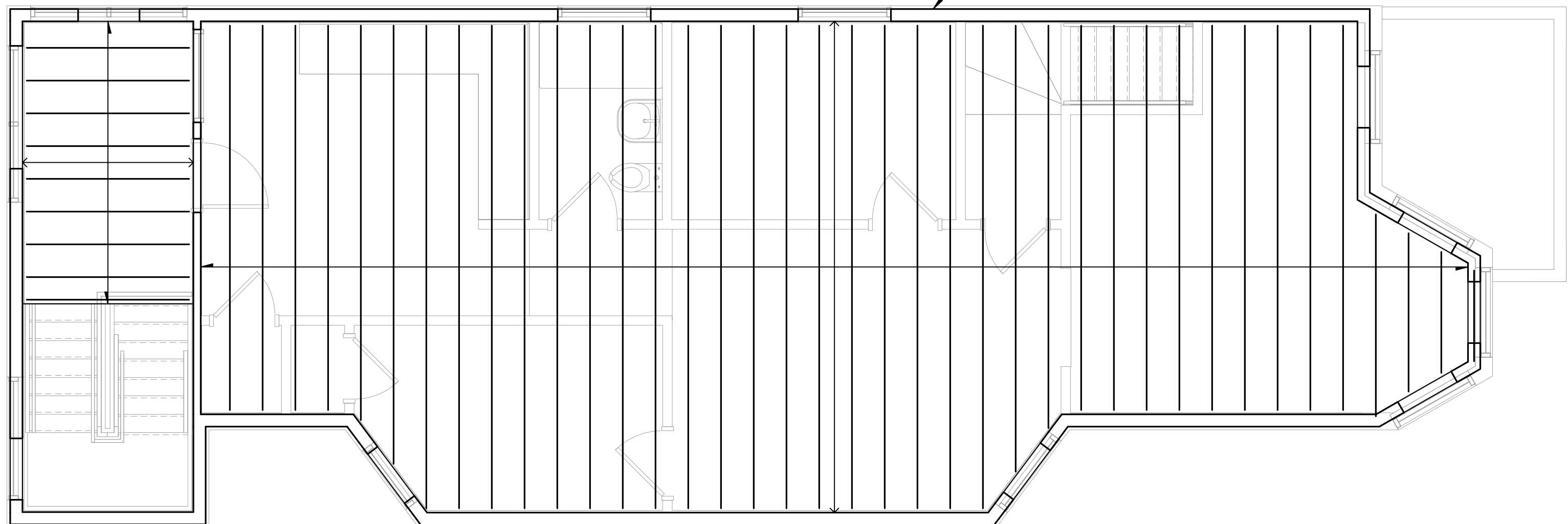
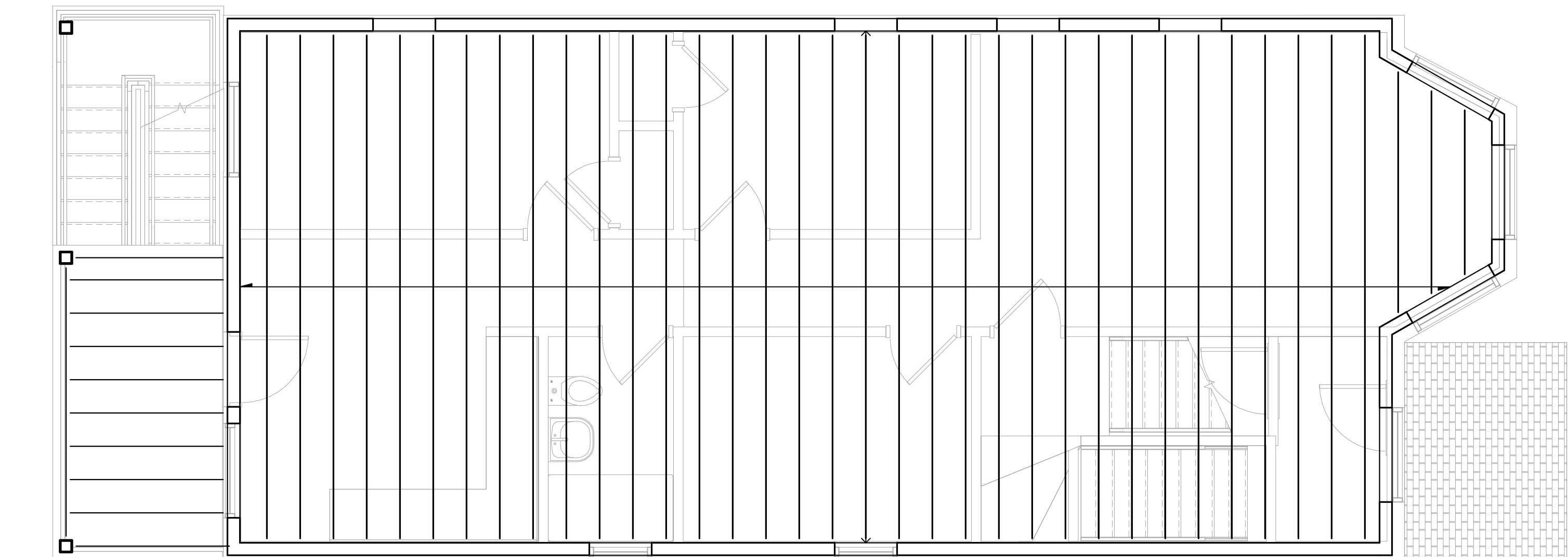
LEVEL 2 - AREA B

SCALE: 1/4" = 1'-0"



PREFAB WOOD TRUSSES @ 2'-0" O.C. WITH 5/8" MIN.
PLYWOOD ROOF SHEATHING (TYP @ GARAGE ROOFS)

JBE = 109' - 0"
TYP



EXTERIOR AND LOAD-
BEARING WALLS TO BE 2X6
MIN STUD FRAMING, TYP.

I-JOISTS OR PREFAB WOOD
FLOOR TRUSSES (PARALLEL
CHORD) WITH 3/4" PLYWOOD
SHEATHING (TYP.)

FFE = 113' - 0"
TYP



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LEVEL 2 - AREA B

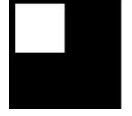
S2.2B

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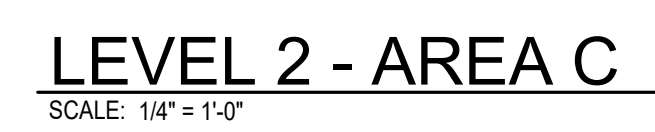
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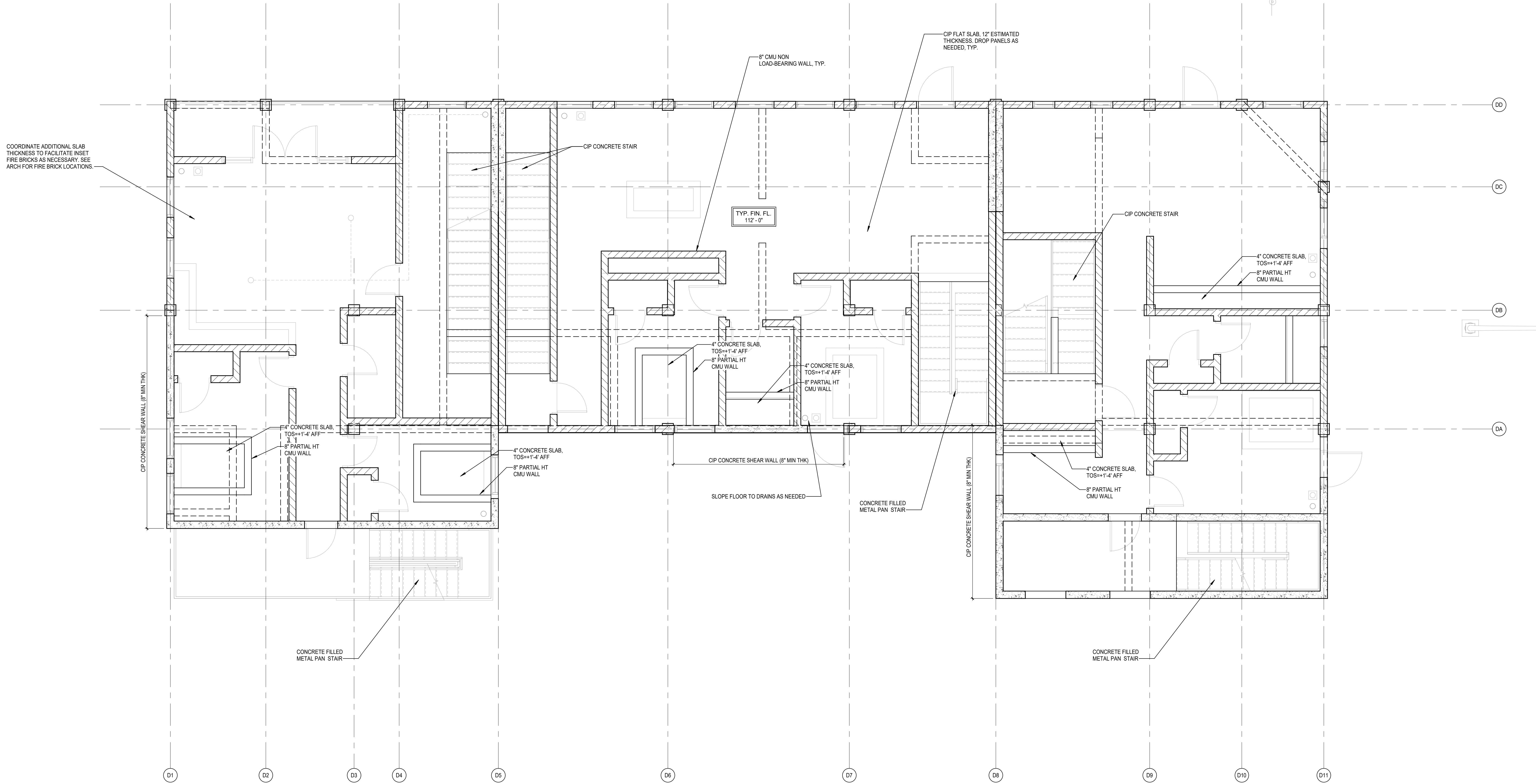
22-21105-00

LEVEL 2 - AREA C

S2.2C



BM 330/22-21105-00 JPS Training Campus - Phase 2/21105-00_JPS TC ST_2020.rvt
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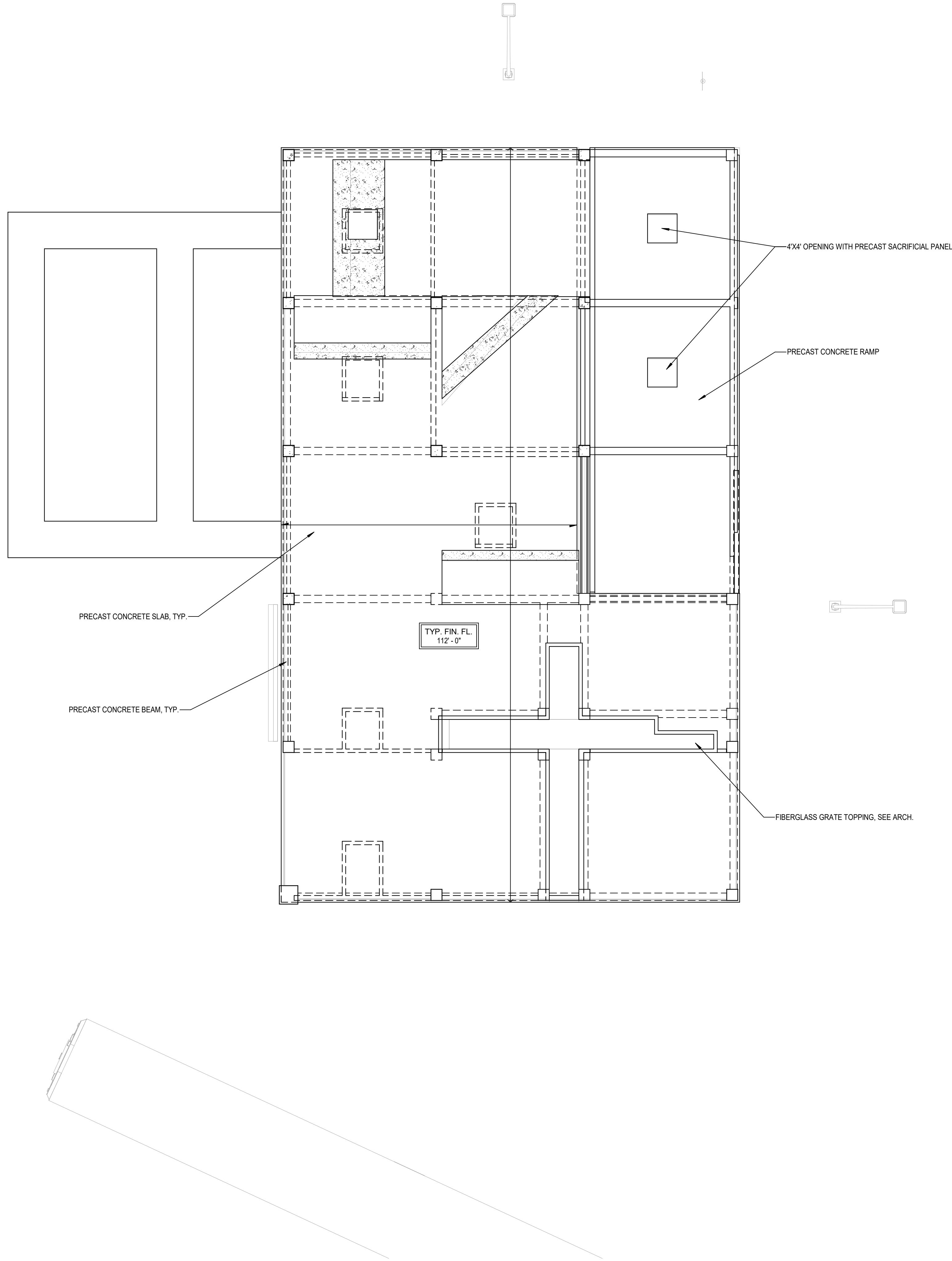
LEVEL 2 - AREA D

SCALE: 1/4" = 1'-0"

BM 030/22-21105-00 JPS Training Campus - Phase 2/22-21105-00_JPS TC ST_2020.rvt
5/7/2021 12:18:34 PM

LEVEL 2 - AREA E

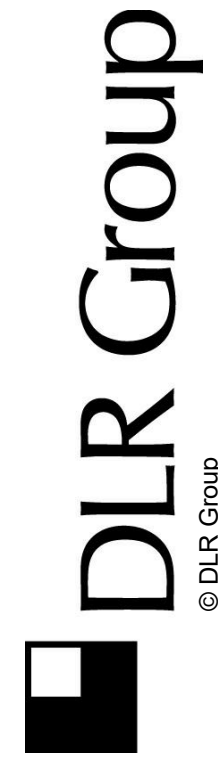
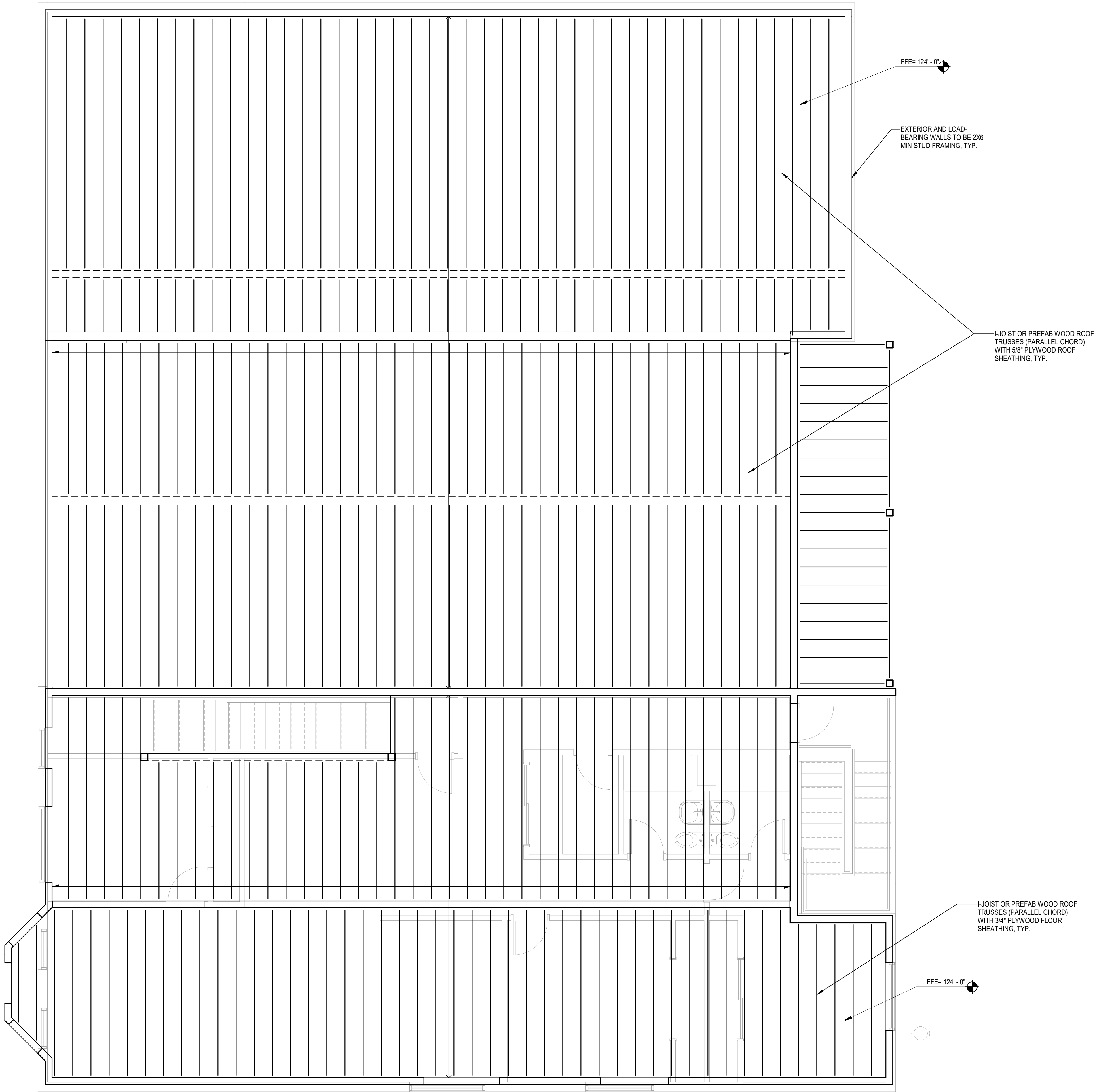
SCALE: 1/8" = 1'-0"



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LEVEL 3 - AREA A

SCALE: 1/4" = 1'-0"



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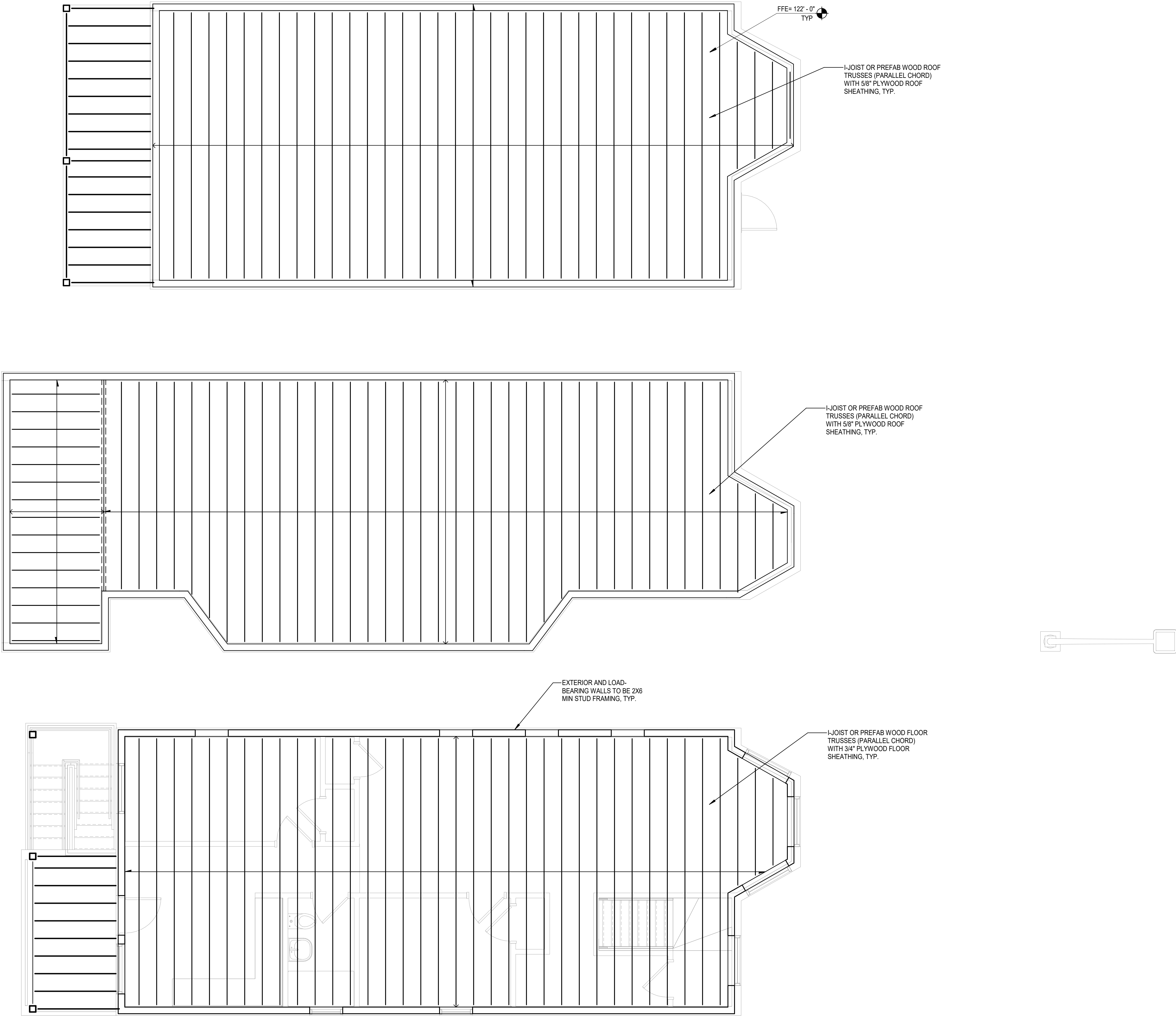
LEVEL 3 - AREA A

S2.3A

BM 330/22-21105-00 JPS Training Campus - Phase 2/22-21105-00_JPS TC_ST_2020.rvt
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LEVEL 3 - AREA B

SCALE: 1/4" = 1'-0"



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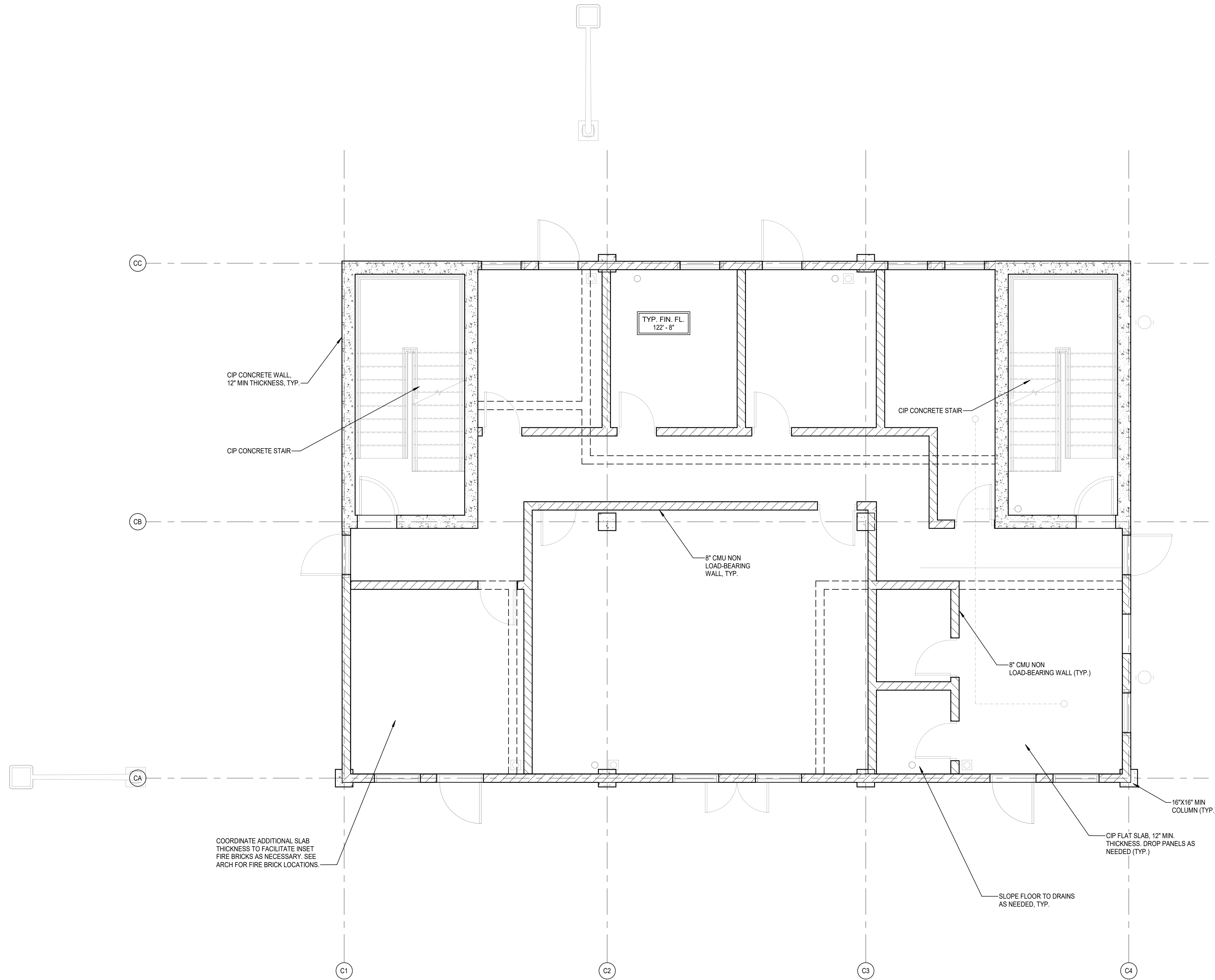
LEVEL 3 - AREA B

S2.3B

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5/7/2021 12:18:38 PM

LEVEL 3 - AREA C

SCALE: 1/4" = 1'-0"



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LEVEL 3 - AREA C

S2.3C

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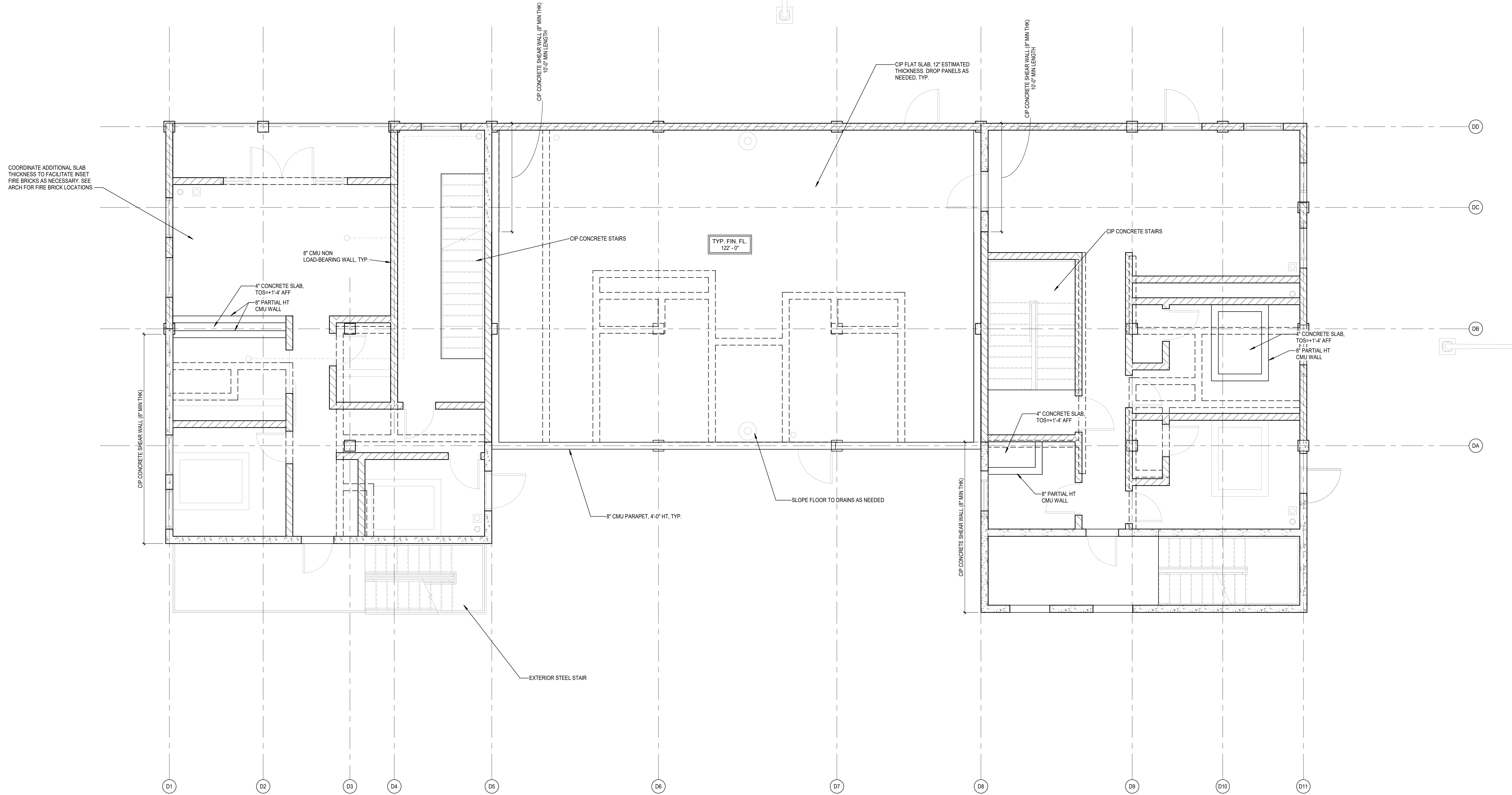
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LEVEL 3 - AREA D

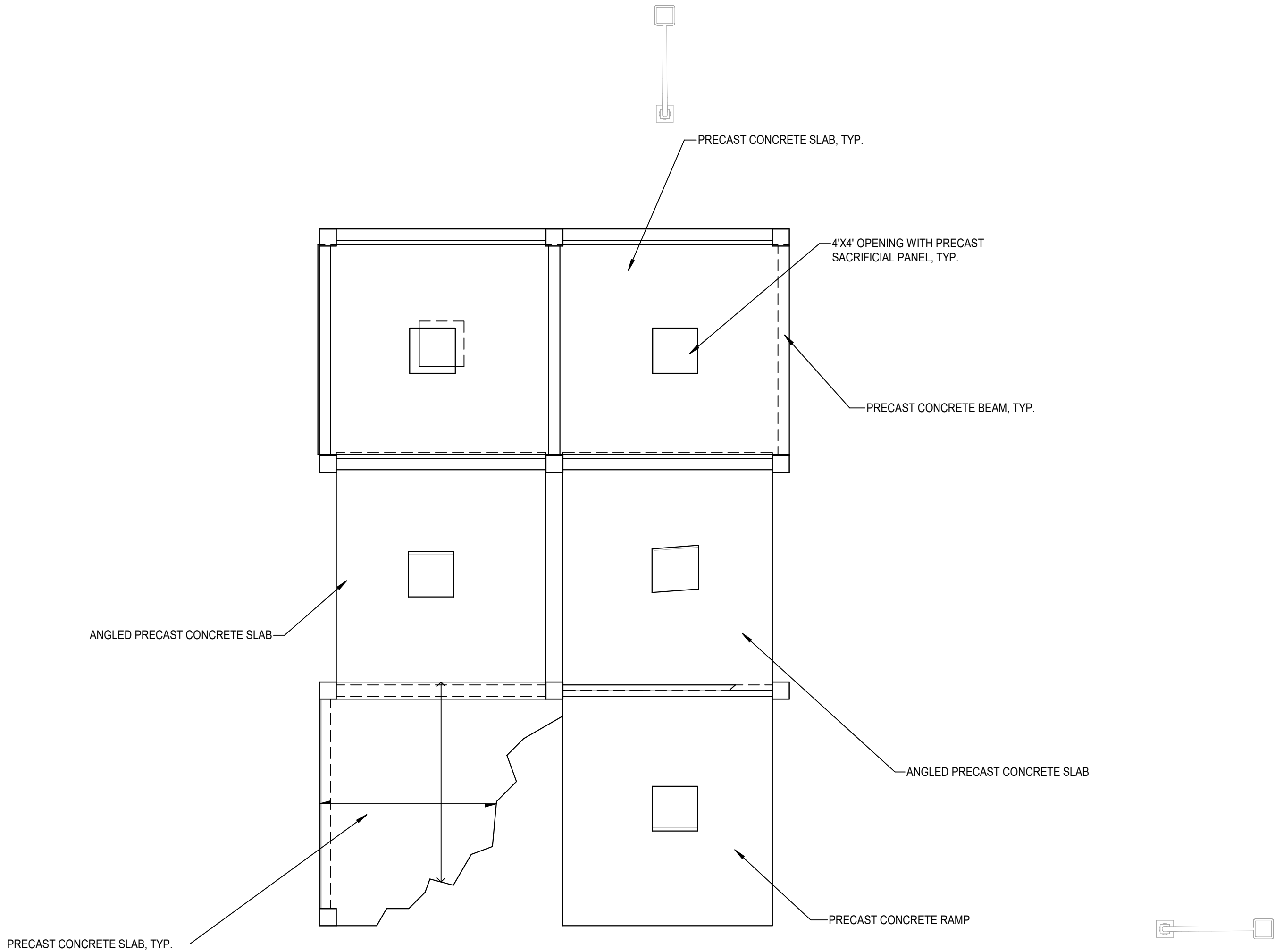
SCALE: 1/4" = 1'-0"



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LEVEL 3 - AREA E

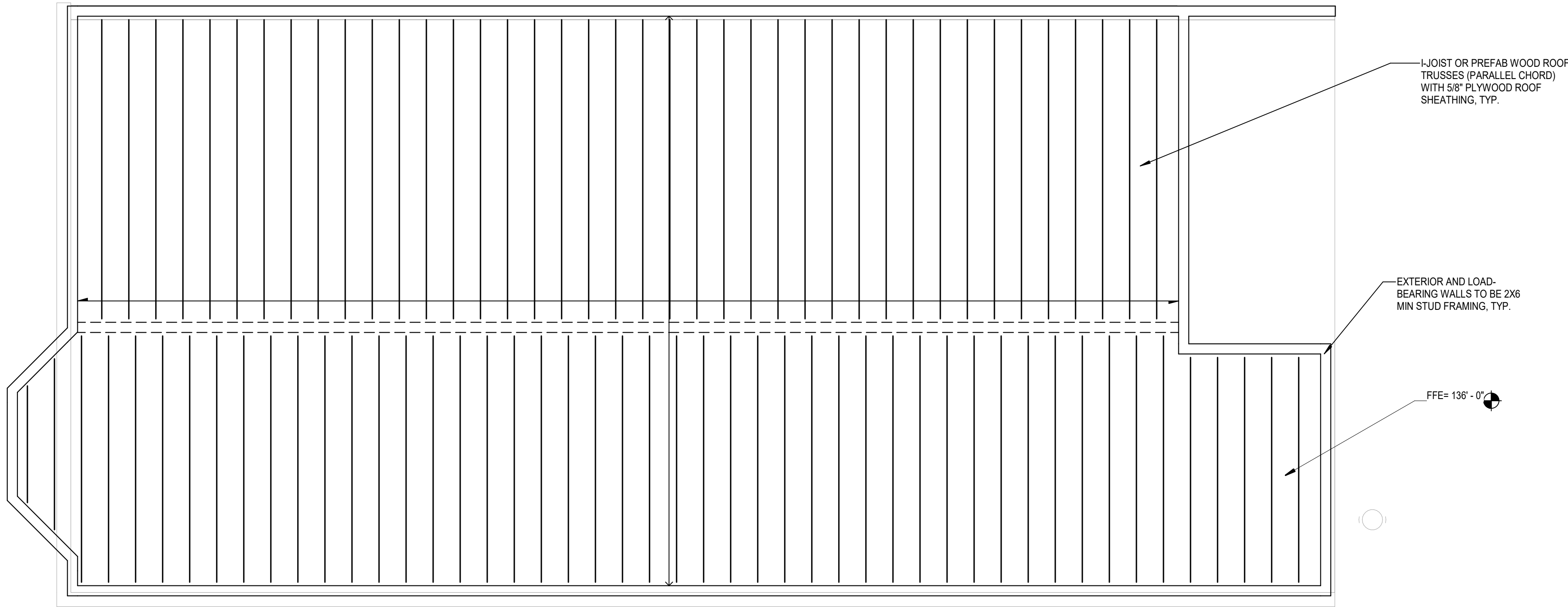
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LEVEL 4 - AREA A

SCALE: 1/4" = 1'-0"



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LEVEL 4 - AREA A

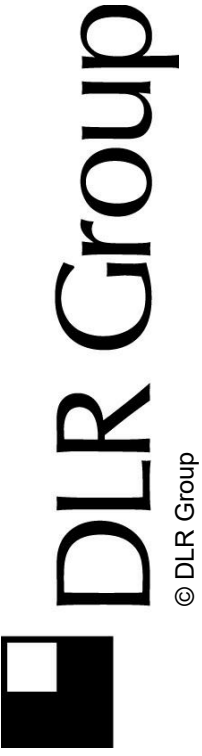
S2.4A

Chicago Joint Public Safety Training Campus -

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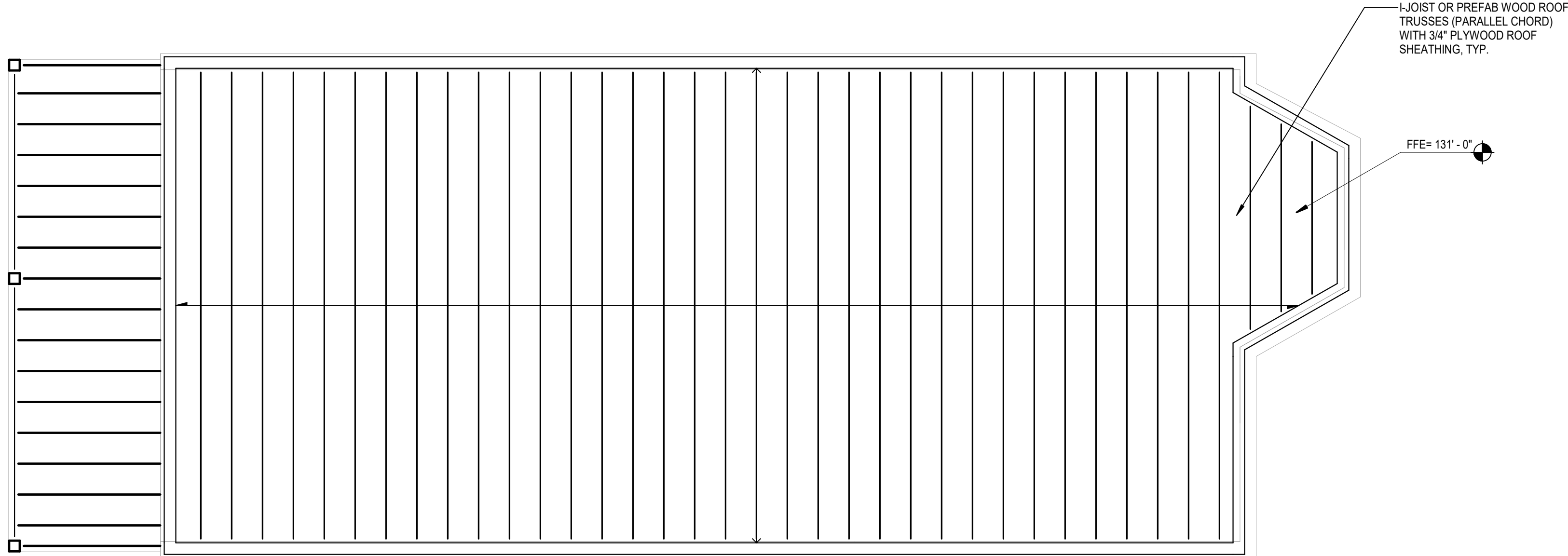
NOT FOR
CONSTRUCTION



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LEVEL 4 - AREA B

SCALE: 1/4" = 1'-0"



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LEVEL 4 - AREA B

S2.4B

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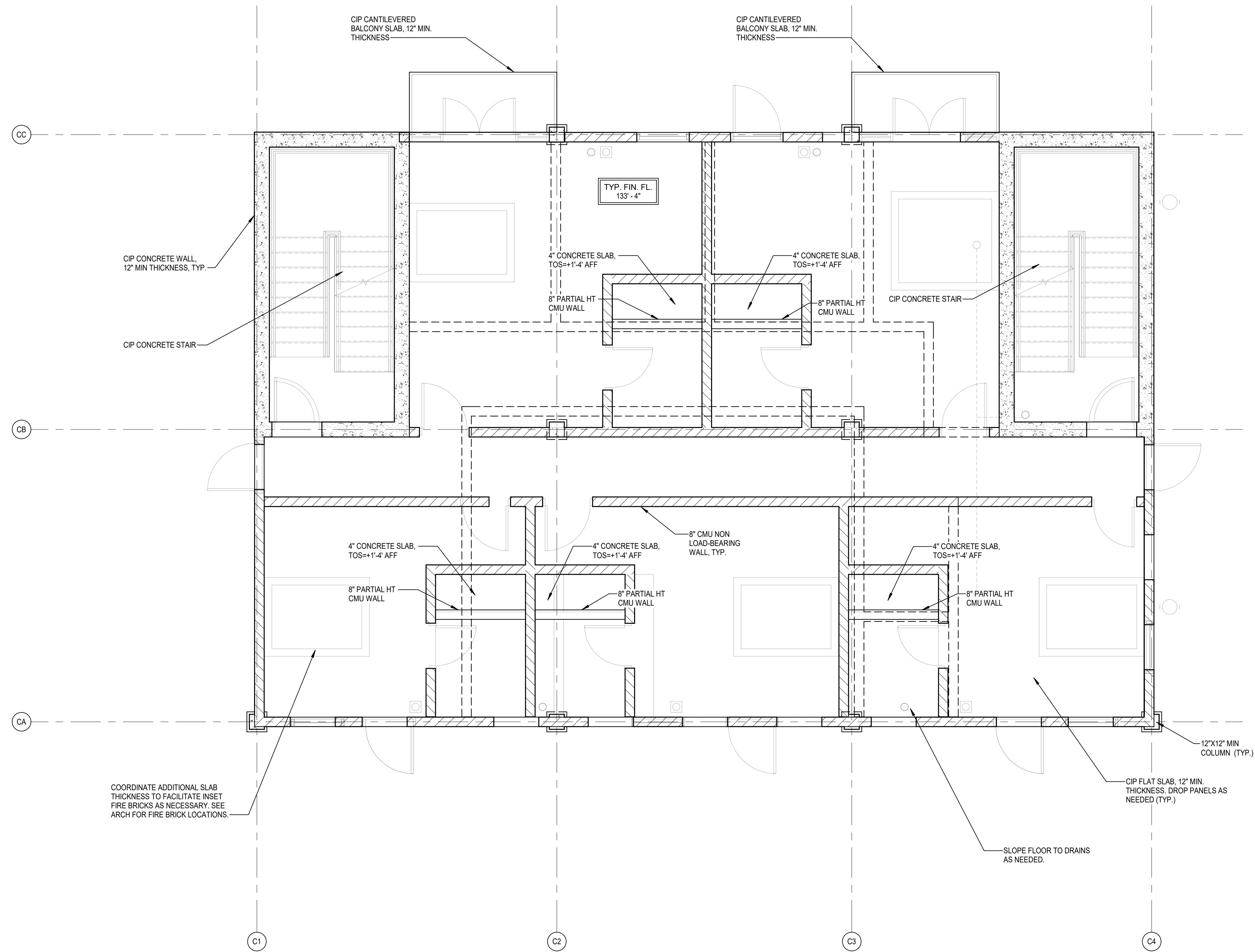
4443 W Chicago Avenue, Chicago, IL 60651

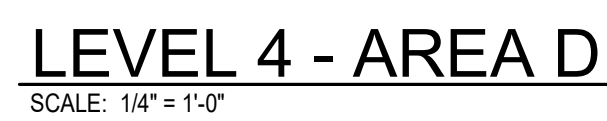
NOT FOR
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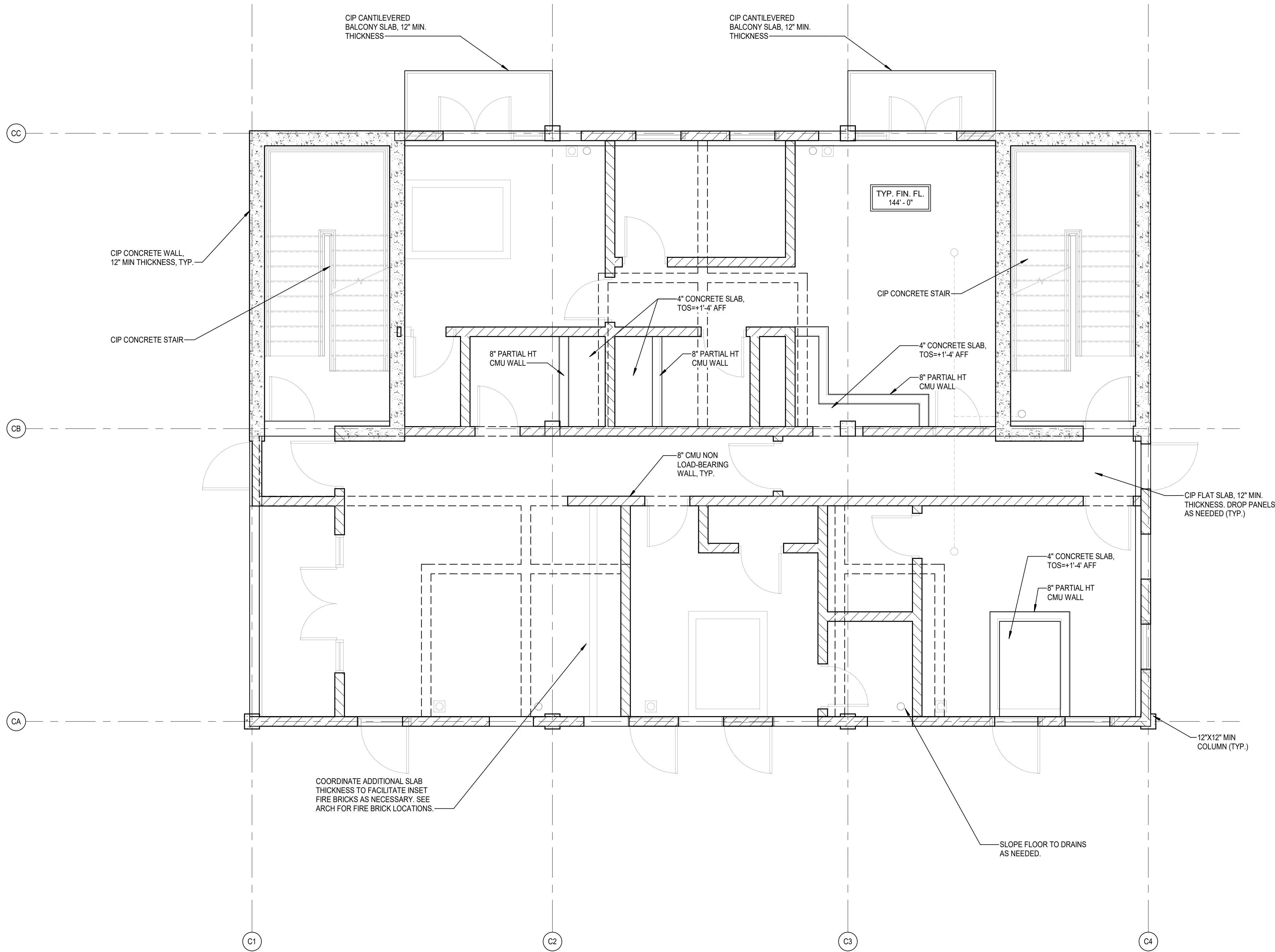
LEVEL 4 - AREA C
SCALE: 1/4" = 1'-0"





LEVEL 5 - AREA C

SCALE: 1/4" = 1'-0"



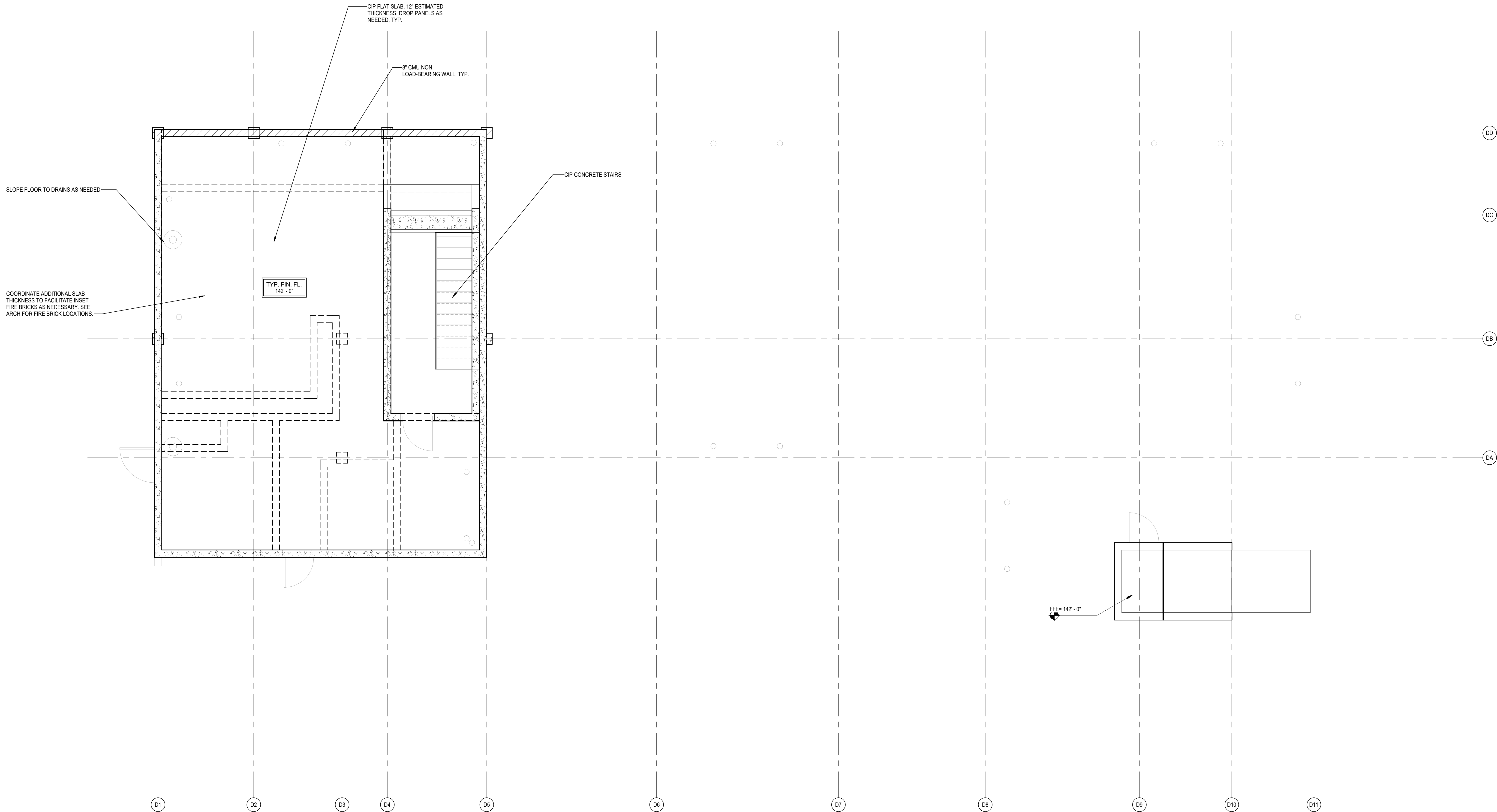
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BM 330/22-21105-00 JPS Training Campus - Phase 2/22-21105-00_JPS TC ST_2020.rvt
5/7/2021 12:18:42 PM

LEVEL 5 - AREA D

SCALE: 1/4" = 1'-0"



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DESIGN
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22-21105-00
LEVEL 5 - AREA D

S2.5D

Chicago Joint Public Safety Training Campus -

Phase II

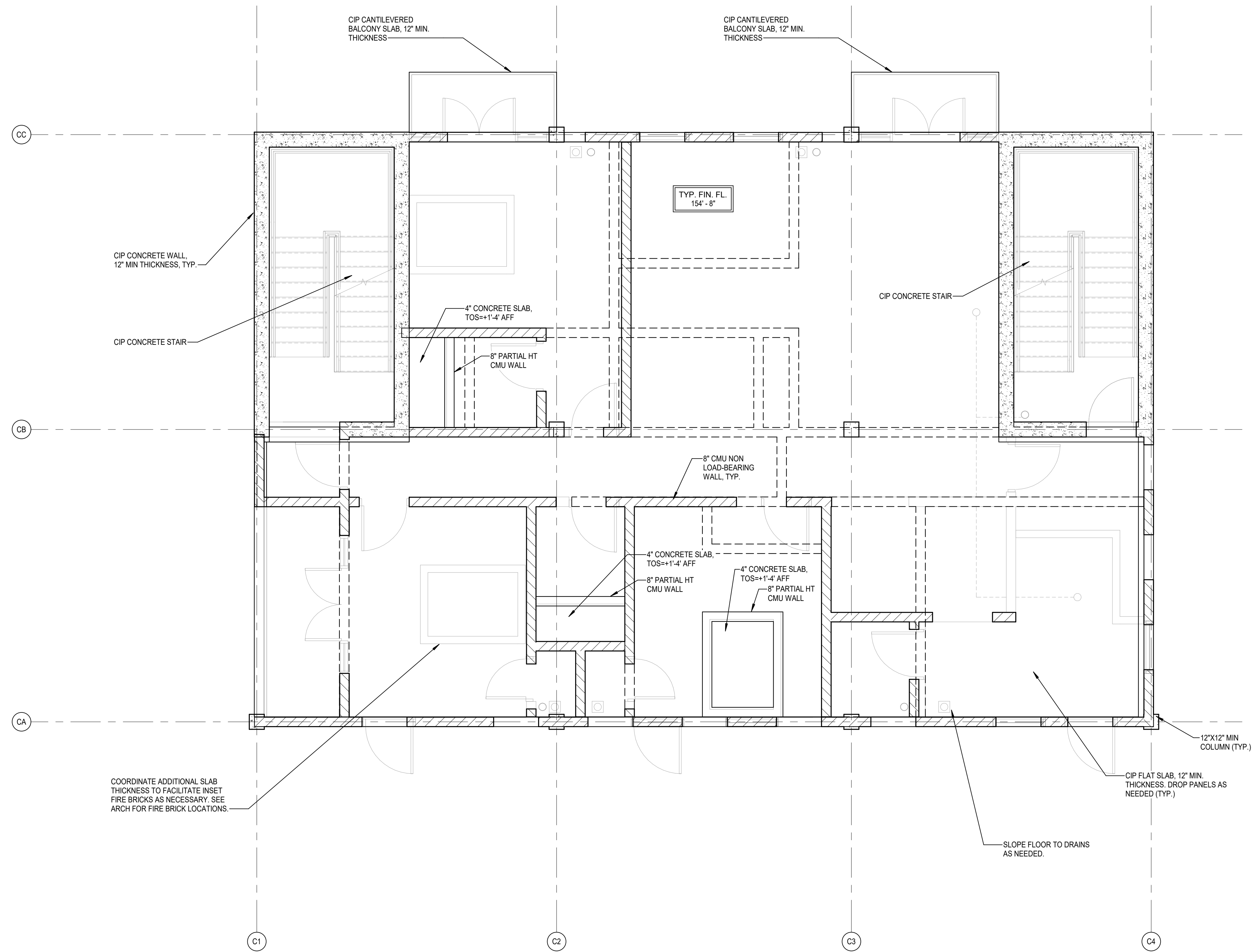
4443 W Chicago Avenue, Chicago, IL 60651

NOT FOR
CONSTRUCTION

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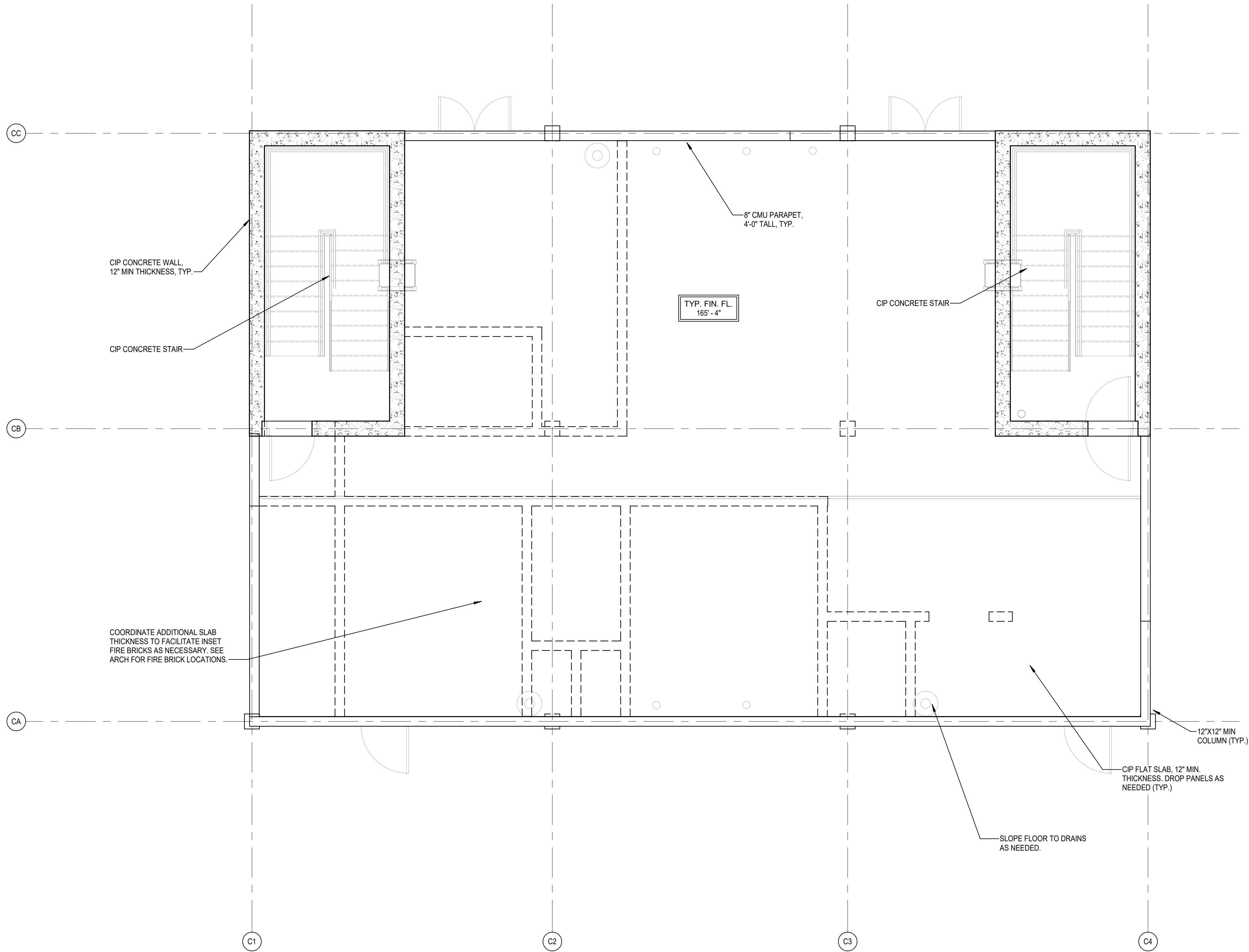
LEVEL 6 - AREA C

SCALE: 1/4" = 1'-0"



LEVEL 7 - AREA C

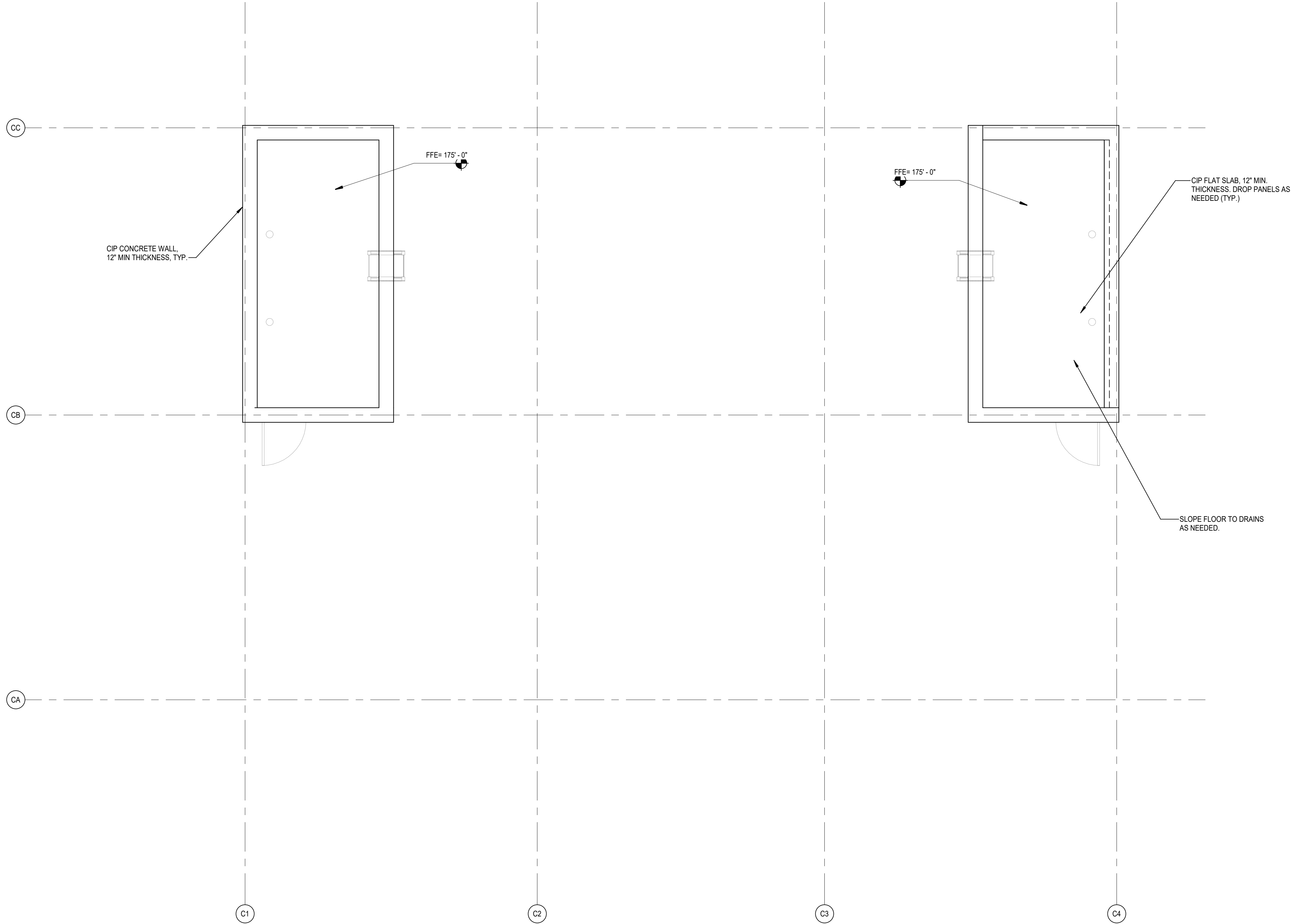
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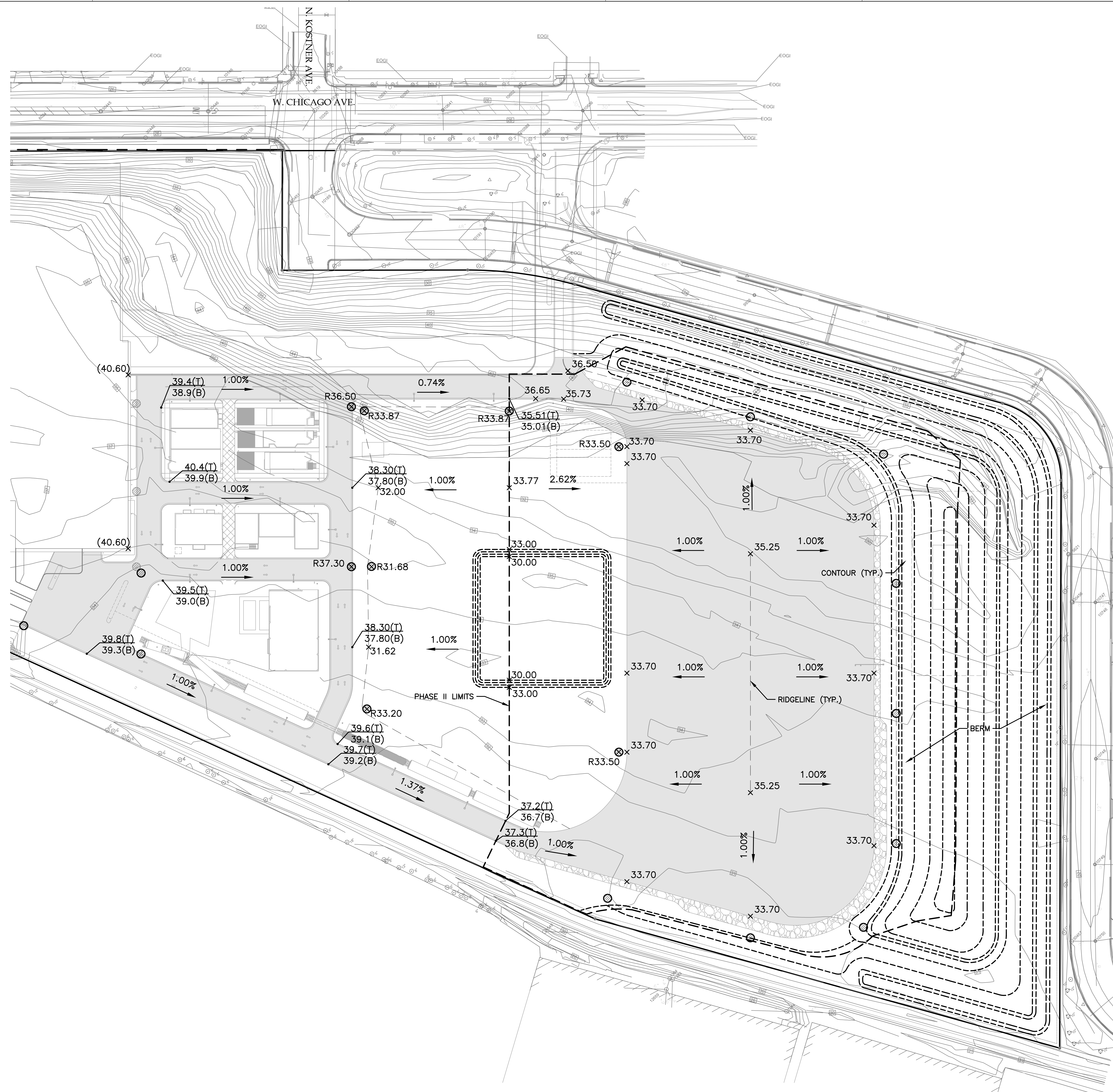


BM 380/22-21105-00 JPS Training Campus - Phase 2/22-21105-00_JPS TC ST_2020.rvt
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LEVEL 8 - AREA C

SCALE: 1/4" = 1'-0"





LEGEND: GRADING

x 15.30 SPOT ELEVATION

15.30(T)
15.30(B) TOP/BOTTOM ELEVATION

2.00% SLOPE DIRECTION

x ^(15.30)	EXISTING/INTERPOLATED SPOT ELEVATION
----------------------	---

 FLOW DIRECTION

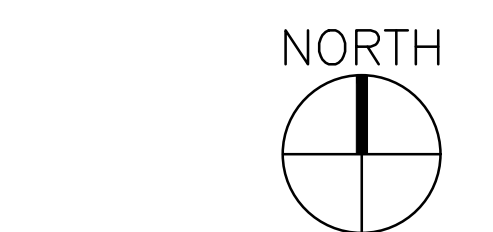
— — — — RIDGELINE

---15--- CONTOUR


 CATCH BASIN

 PHASE 1 CATCH BASIN

PHASE 1 MANHOLE



GRAPHIC SCALE



 50' 0 50' 100'

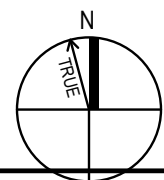
 (IN FEET)

 1 inch = 50 ft.

 ALL DRAWINGS SHALL BE CHECKED FOR PROPER SCALE

ALL DRAWINGS SHALL BE CHECKED FOR PROPER SCALE

BM 360/22-21105-00_IPS Training Campus - Phase 22-21105-00_IPSTC MEP_2020.v1
5/7/2021 11:55:36 AM



ELECTRICAL LEVEL 01 FLOOR PLAN - AREA A

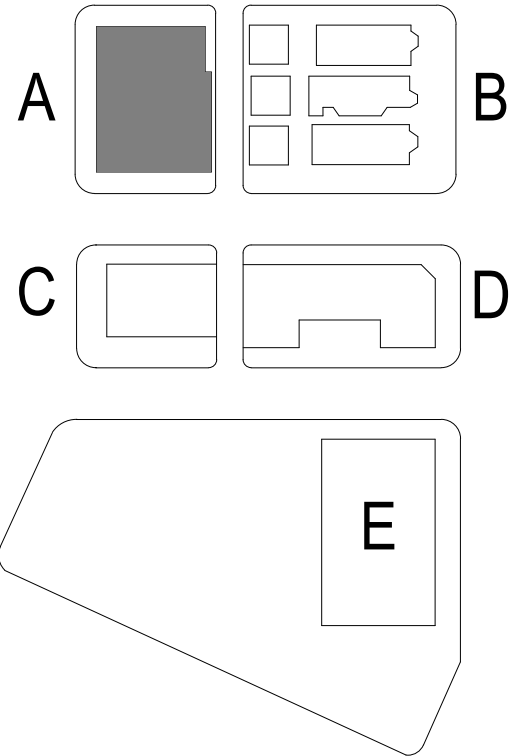
SCALE: 1/4" = 1'-0"



ELEC SYMBOLS

- CEILING MOUNTED LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL SCONCE
- ⊕ DUPLEX RECEPTACLE
- CEILING MOUNTED LINEAR FIXTURE
- EXTERIOR WALL PACK LIGHT FIXTURE

KEY PLAN



BM 360/22-21105-00_IPS Training Campus - Phase 22-21105-00_IPSTC MEP_2020.v4
5/7/2021 11:55:37 AM

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




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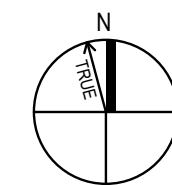
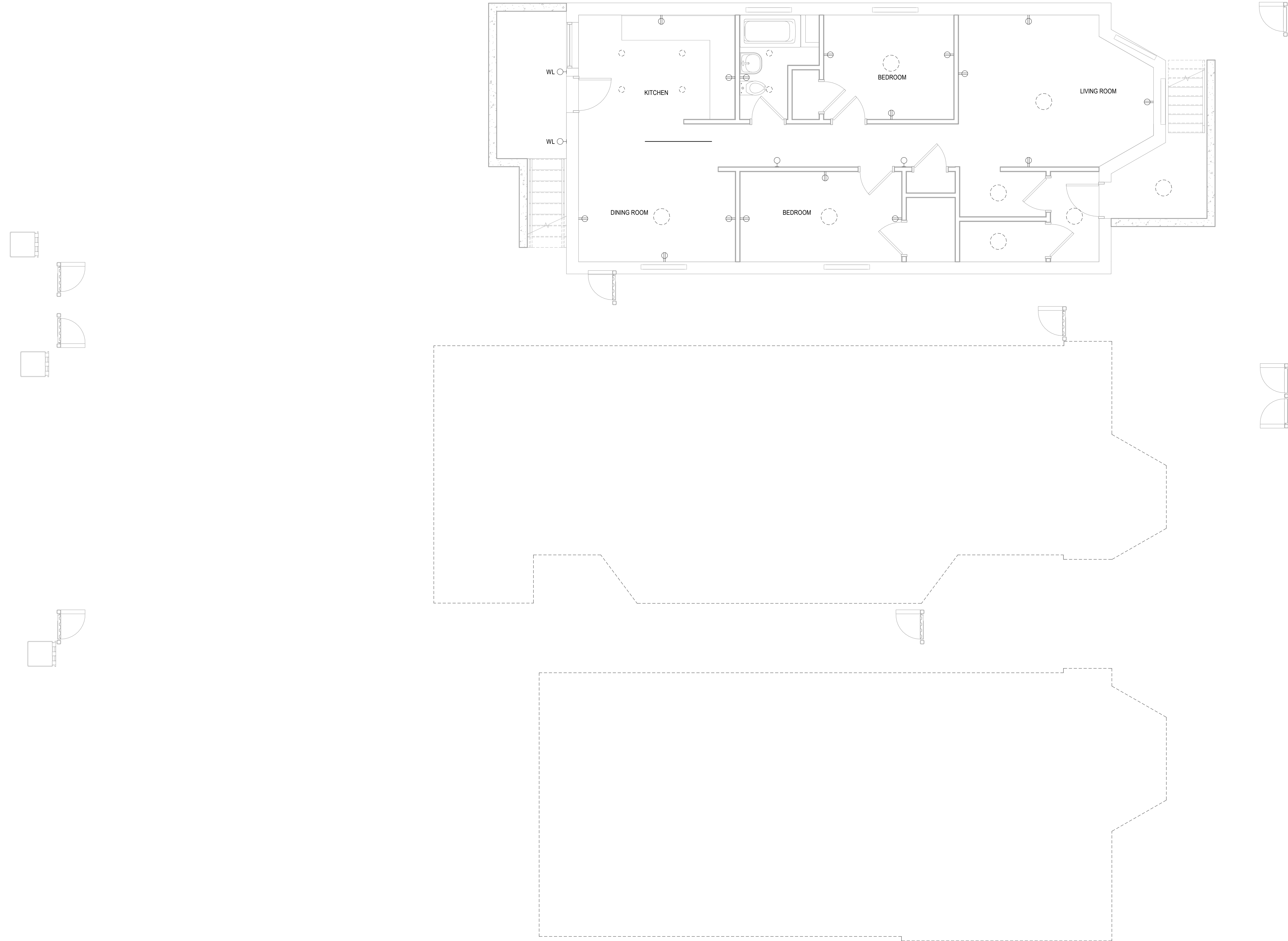
D

E

F

ELEC SYMBOLS

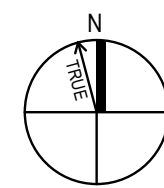
	CEILING MOUNTED LIGHT FIXTURE
	RECESSED LIGHT FIXTURE
	WALL SCONCE
	DUPLEX RECEPTACLE
	CEILING MOUNTED LINEAR FIXTURE
	EXTERIOR WALL PACK LIGHT FIXTURE



ELECTRICAL LEVEL 00 FLOOR PLAN - AREA B

SCALE: 1/4" = 1'-0"

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5/7/2021 11:55:38 AM



ELECTRICAL LEVEL 01 FLOOR PLAN - AREA B

SCALE: 1/4" = 1'-0"

1

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CONCRETE PAD MUST BE FLUSH WITH WALKWAY

SWITCHBOARD-2W & TRANSFORMER-2W
IN LOCKED NEMA-3R ENCLOSURE.
(TRANSFORMER & DISCONNECT SWITCH MAY
BE INSIDE OR OUTSIDE THE ENCLOSURE.
PROVIDE BOLLARDS AS NEEDED)

WORKING
SPACE

GARAGE

KITCHEN

BEDROOM

LIVING ROOM

PANEL B1

DINING ROOM

BEDROOM

ENCLOSED PORCH

KITCHEN

BEDROOM

LIVING ROOM

DINING ROOM

BEDROOM

LIVING/DINING ROOM

KITCHEN

BEDROOM

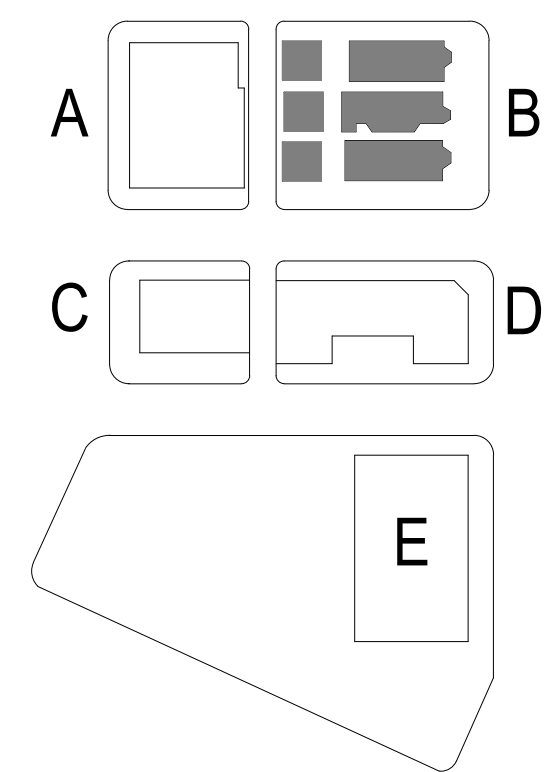
SWITCHBOARD-2E & TRANSFORMER-2E
IN LOCKED NEMA-3R ENCLOSURE.
(TRANSFORMER & DISCONNECT SWITCH MAY
BE INSIDE OR OUTSIDE THE ENCLOSURE)

WORKING
SPACE

ELEC SYMBOLS

- CEILING MOUNTED LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL SCONCE
- ⊕ DUPLEX RECEPTACLE
- CEILING MOUNTED LINEAR FIXTURE
- ⊞ EXTERIOR WALL PACK LIGHT FIXTURE

KEY PLAN



BM 360/22-21105-00_IPS Training Campus - Phase 22-21105-00_IPSTC MEP_2020.v4
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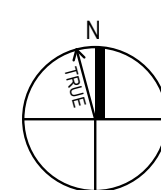
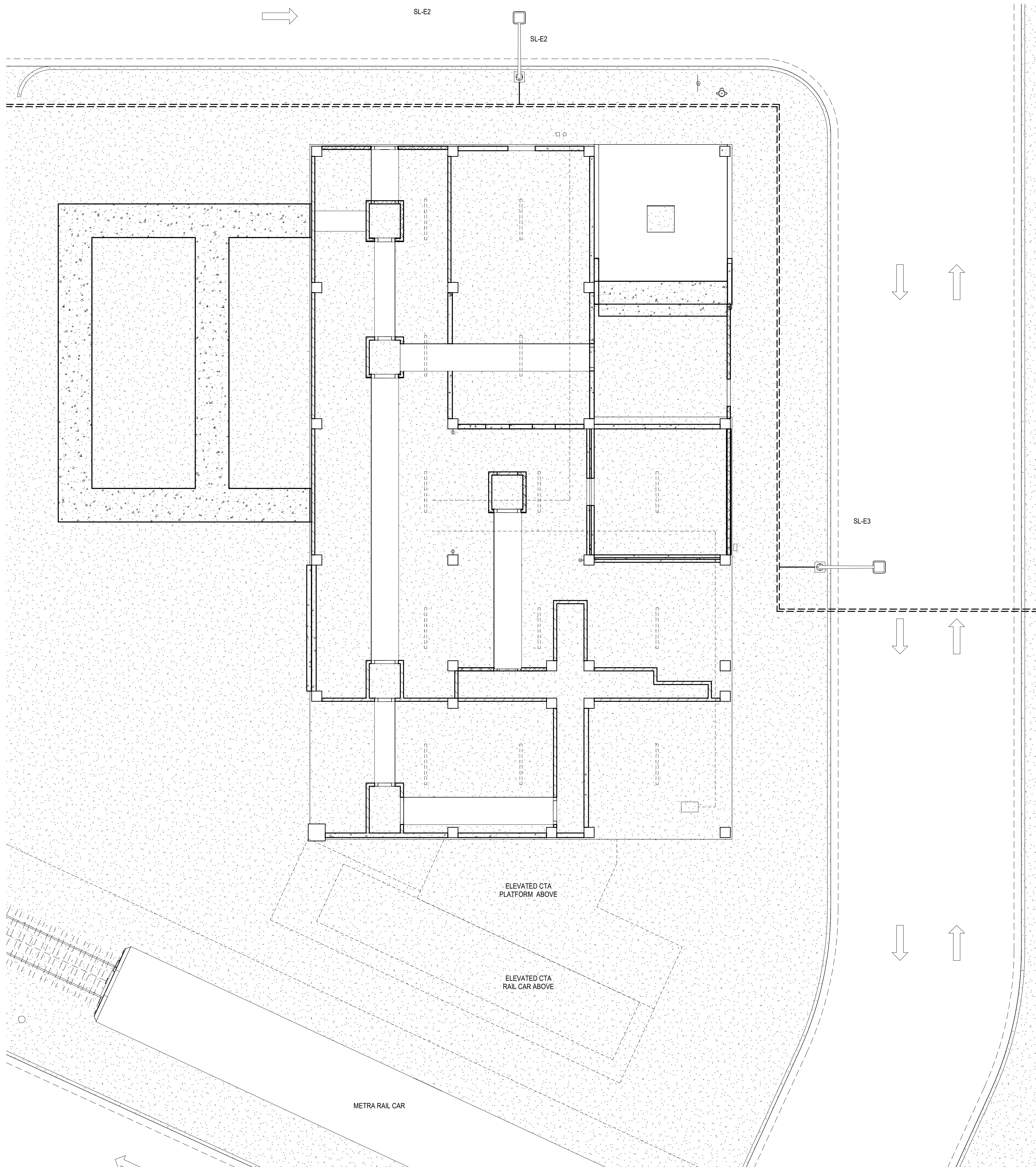
B

C

D

E

F



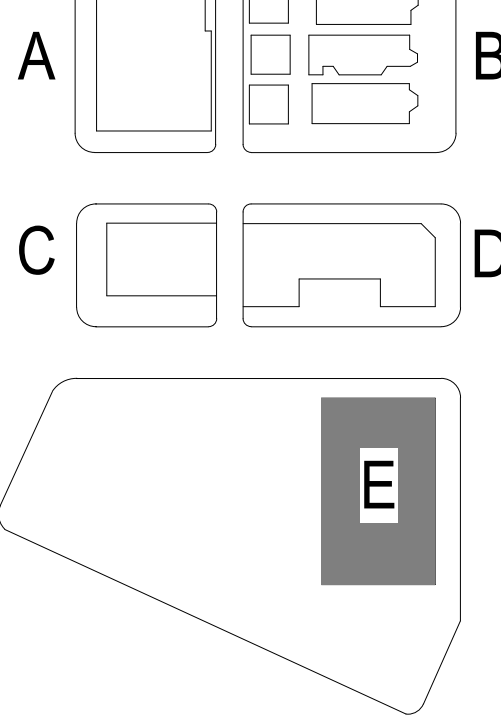
ELECTRICAL LEVEL 01 FLOOR PLAN - AREA E

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

ELEC SYMBOLS

- CEILING MOUNTED LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL SCONCE
- DUPLEX RECEPTACLE
- CEILING MOUNTED LINEAR FIXTURE
- EXTERIOR WALL PACK LIGHT FIXTURE

KEY PLAN



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22-21105-00
ELECTRICAL
LEVEL 01 FLOOR
PLAN - AREA E

E-1D

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D

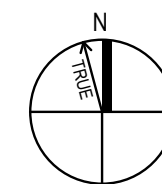
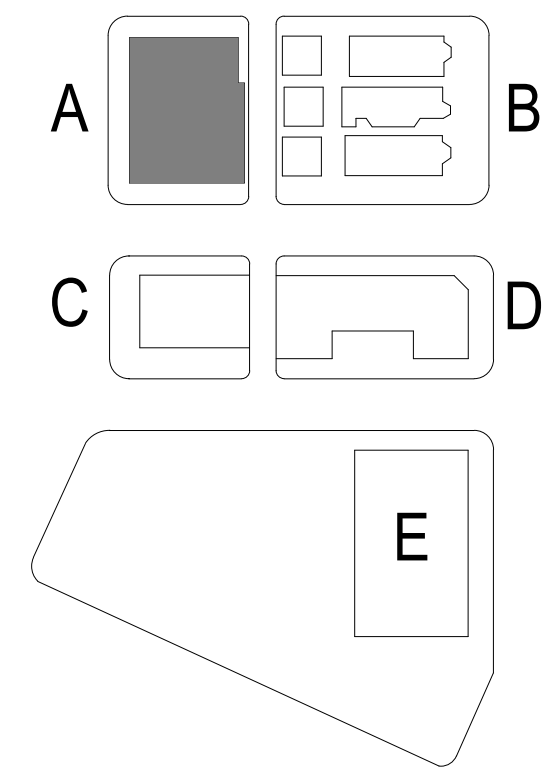
E

F

ELEC SYMBOLS

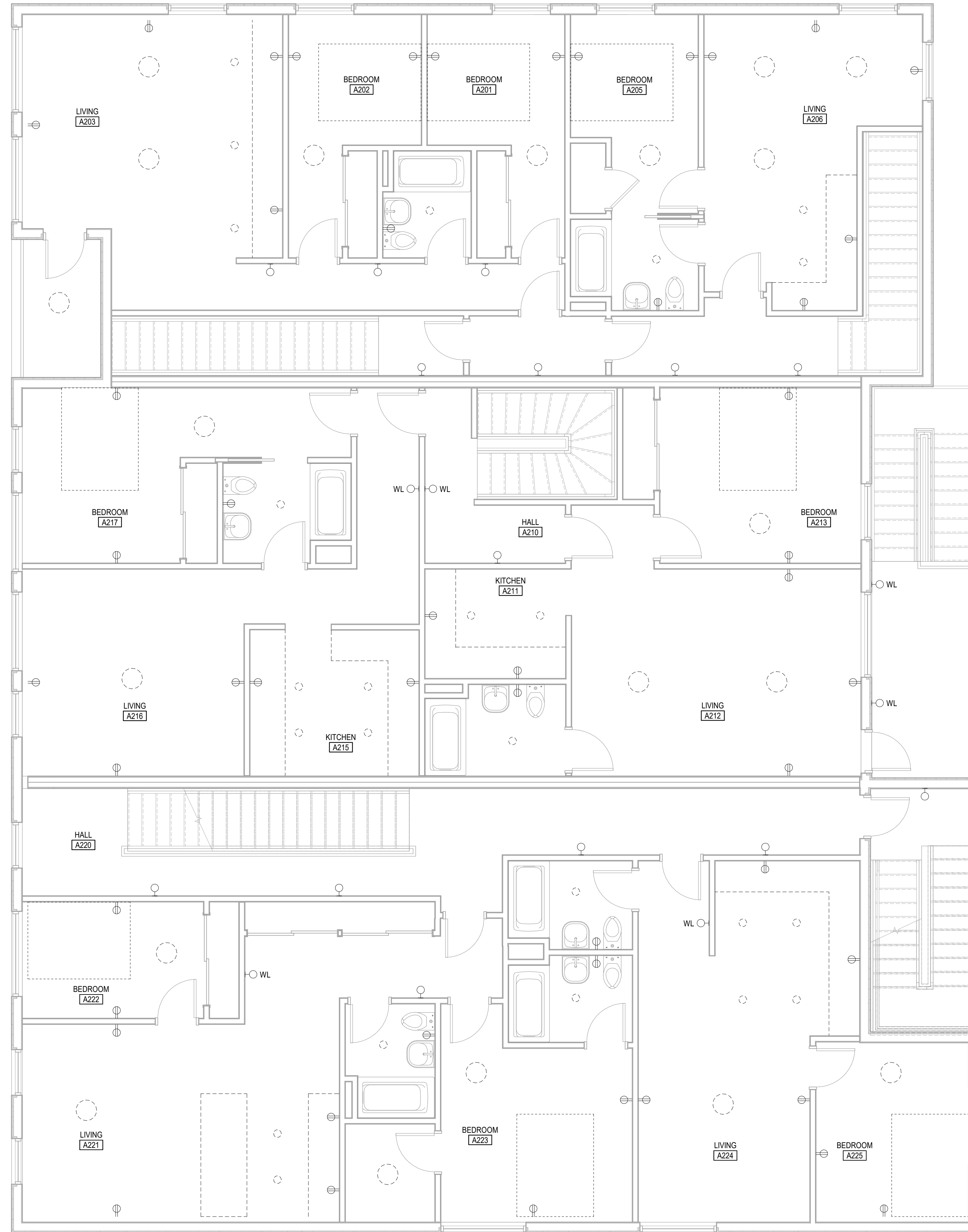
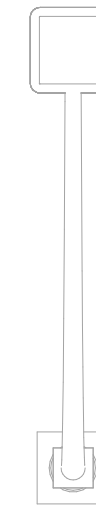
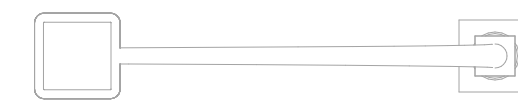
- CEILING MOUNTED LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL SCONCE
- ⊕ DUPLEX RECEPTACLE
- CEILING MOUNTED LINEAR FIXTURE
- ⊞ EXTERIOR WALL PACK LIGHT FIXTURE

KEY PLAN



ELECTRICAL LEVEL 02 FLOOR PLAN - AREA A

SCALE: 1/4" = 1'-0"



BM 360/22-21105-00_IPS Training Campus - Phase 22-21105-00_IPSTC MEP_2020.v4
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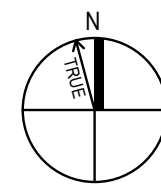
1

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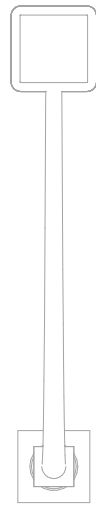
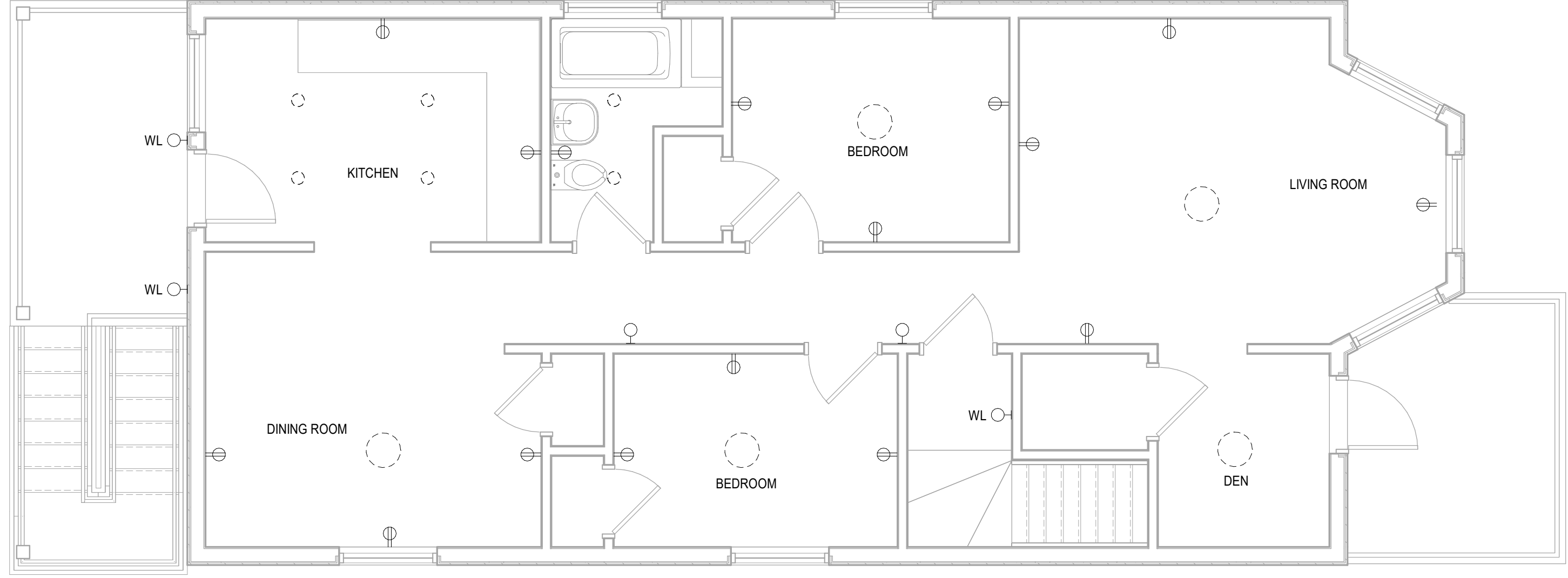
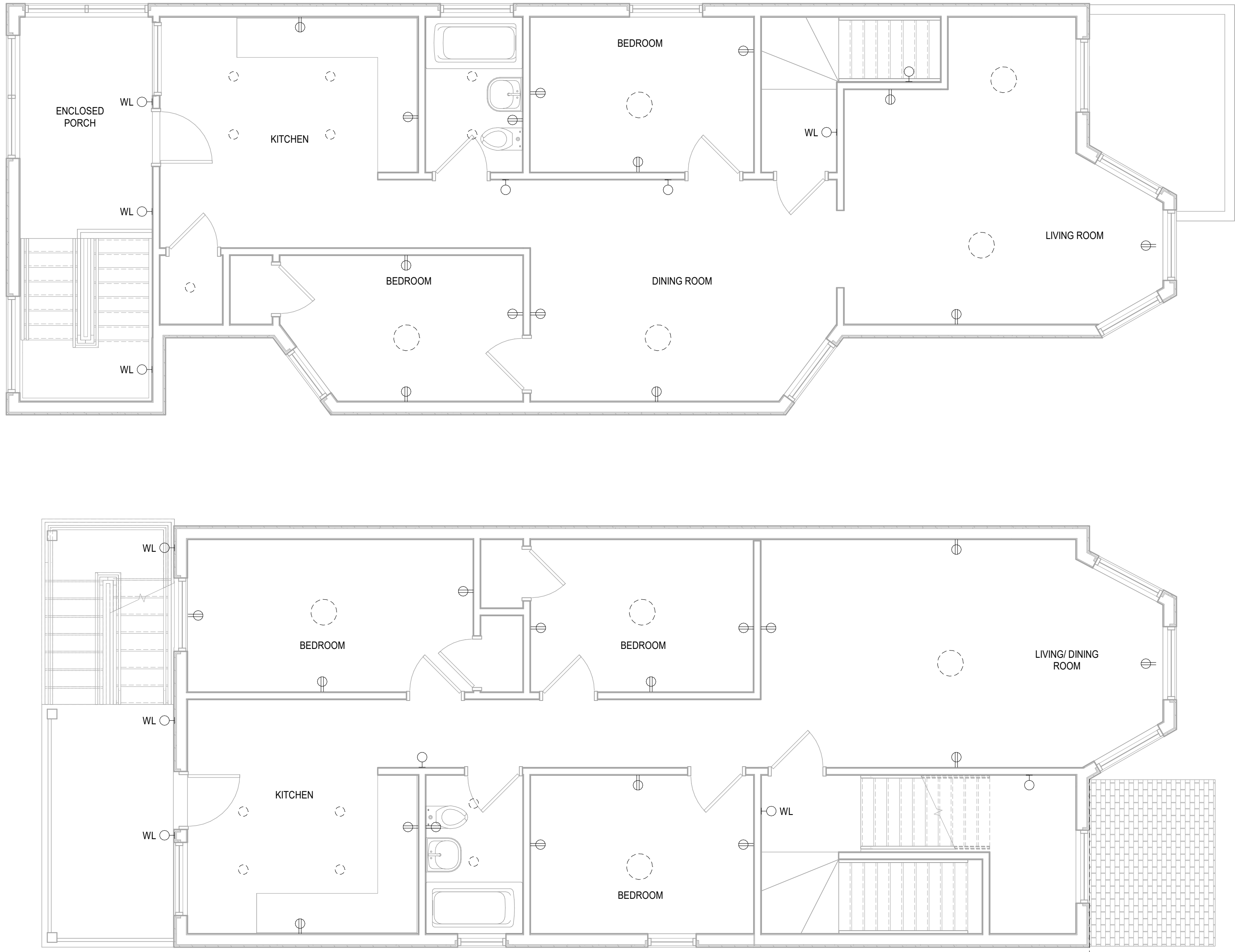
4

5



ELECTRICAL LEVEL 02 FLOOR PLAN - AREA B

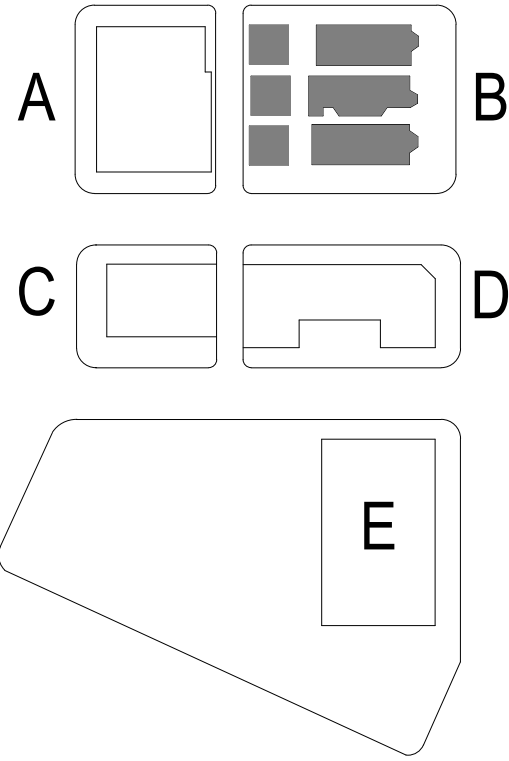
SCALE: 1/4" = 1'-0"



ELEC SYMBOLS

- CEILING MOUNTED LIGHT FIXTURE
- RECESSED LIGHT FIXTURE
- WALL SCONCE
- ⊕ DUPLEX RECEPTACLE
- CEILING MOUNTED LINEAR FIXTURE
- ⌞ EXTERIOR WALL PACK LIGHT FIXTURE

KEY PLAN



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ELECTRICAL
LEVEL 02 FLOOR
PLAN - AREA B

E-2B

Chicago Joint Public Safety Training Campus -
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
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
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
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
ELEC SYMBOLS


- 

CEILING MOUNTED LIGHT FIXTURE
- 

RECESSED LIGHT FIXTURE
- 

WALL SCONCE
- 

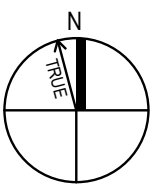
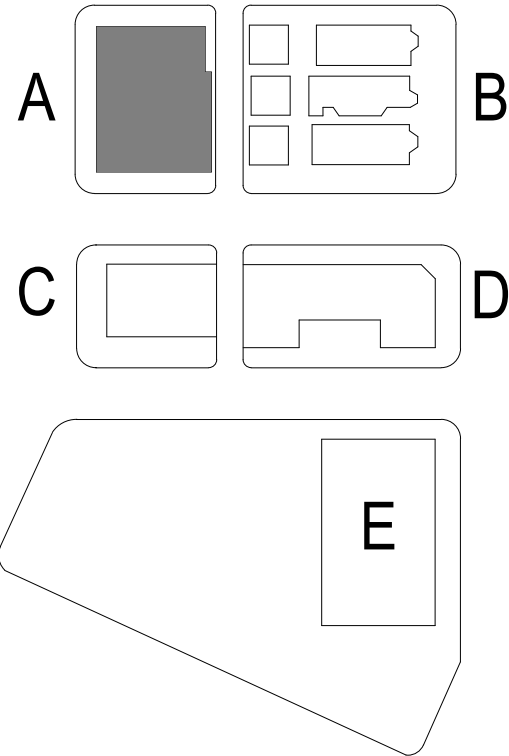
DUPLEX RECEPTACLE
- 

CEILING MOUNTED LINEAR FIXTURE
- 

EXTERIOR WALL PACK LIGHT FIXTURE

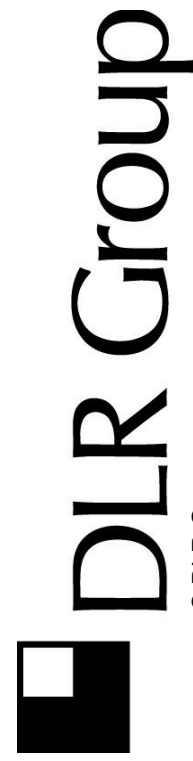
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KEY PLAN



ELECTRICAL LEVEL 03 FLOOR PLAN - AREA A

SCALE: 1/4" = 1'-0"



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ELECTRICAL
LEVEL 03 FLOOR
PLAN - AREA A

E-3A

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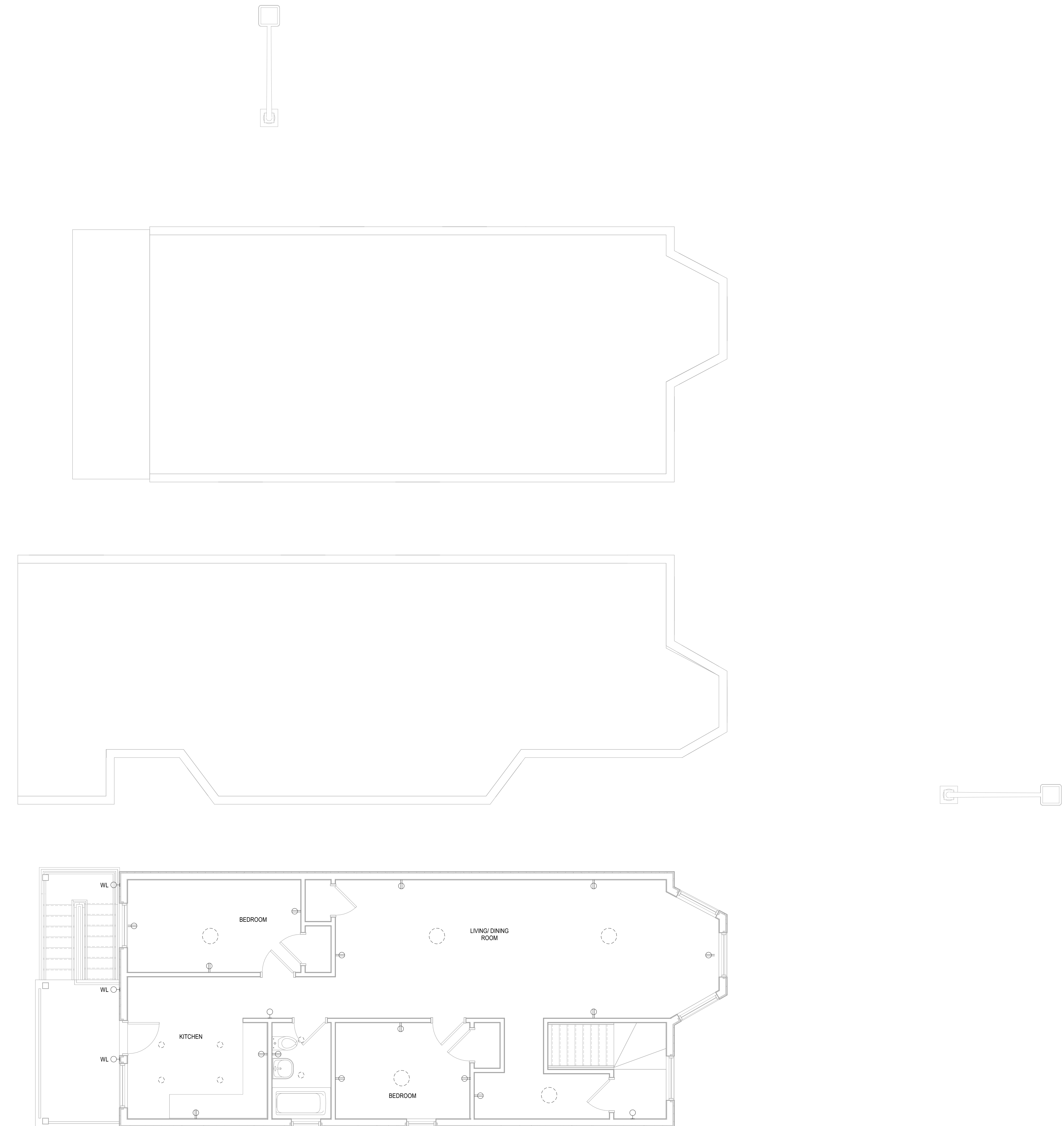
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




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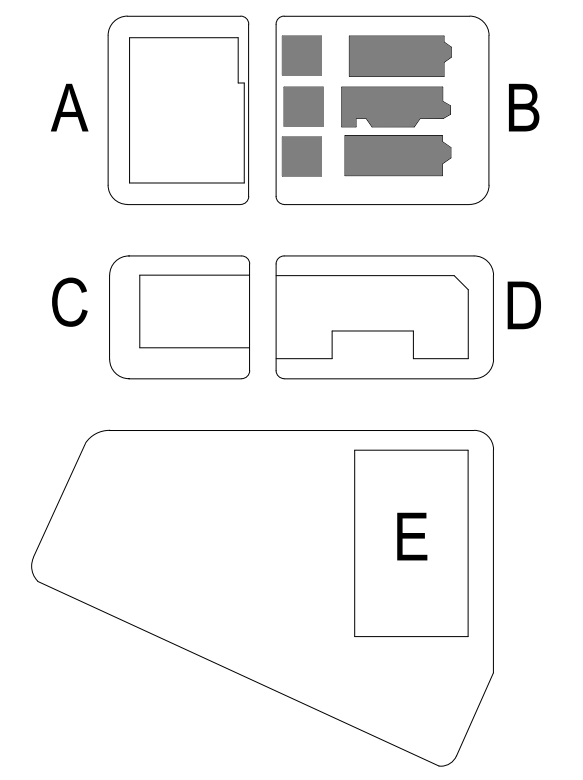
 **ELECTRICAL LEVEL 03 FLOOR PLAN - AREA B**
SCALE: 1/4" = 1'-0"


ELEC SYMBOLS


-  CEILING MOUNTED LIGHT FIXTURE
-  RECESSED LIGHT FIXTURE
-  WALL SCONCE
-  DUPLEX RECEPTACLE
-  CEILING MOUNTED LINEAR FIXTURE
-  EXTERIOR WALL PACK LIGHT FIXTURE

NOTE: BASE BID TO PROVIDE EMPTY CONDUIT WITH PULL STRING TO LOW VOLTAGE DEVICE LOCATIONS INDICATED ON DRAWINGS. ALTERNATE TO PROVIDE AUDIO VISUAL DEVICES (SPEAKERS), WIRELESS ACCESS POINTS, CCTV CAMERAS AND STRUCTURED CABLING. REFER TO ALTERNATE NO. 18 IN SCHEMATIC DESIGN PRICING NARRATIVE SPEC SECTION 012300 ALTERNATES.

KEY PLAN



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22-21105-00
ELECTRICAL
LEVEL 03 FLOOR
PLAN - AREA B

E-3B



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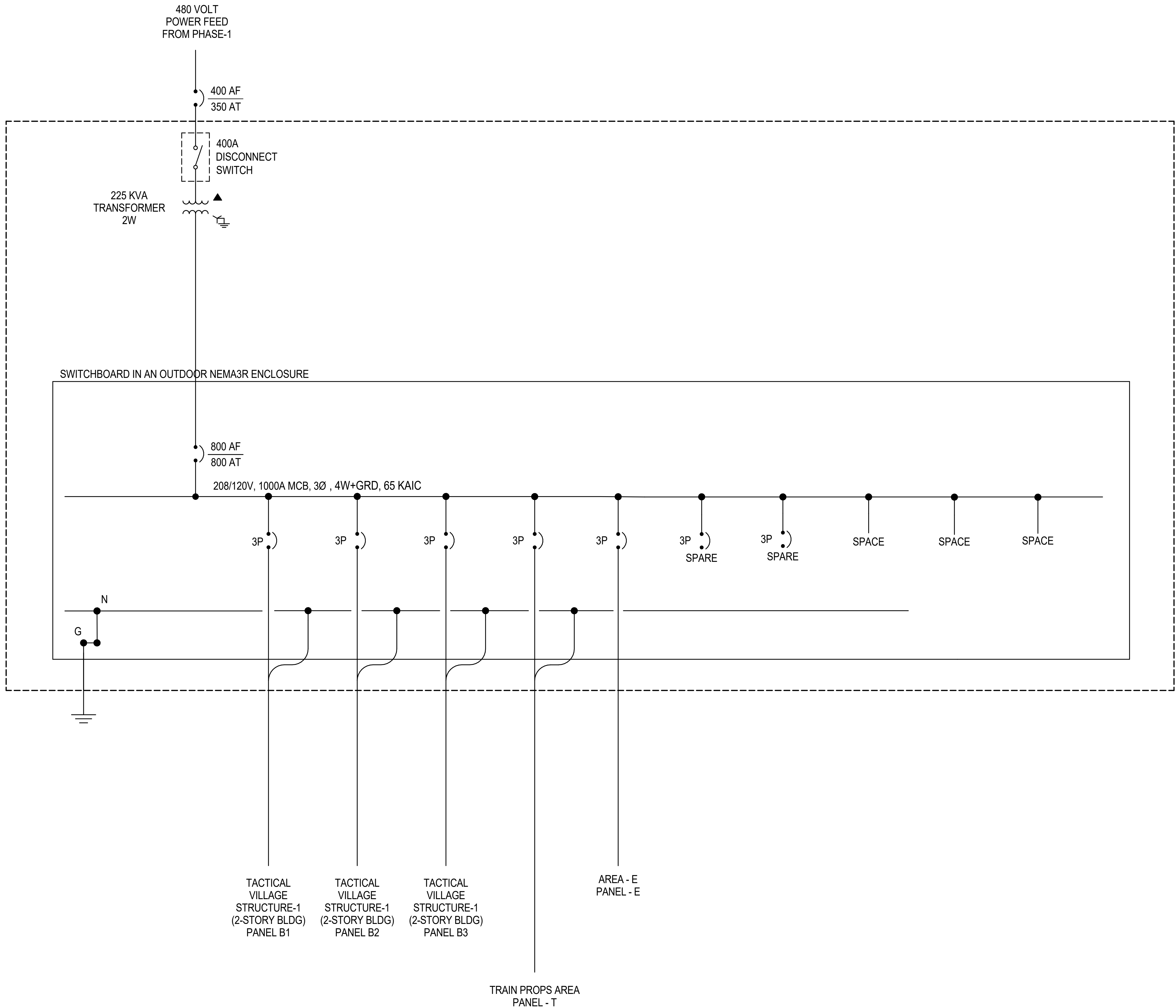
1

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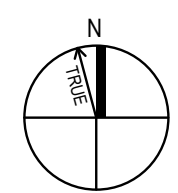
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5



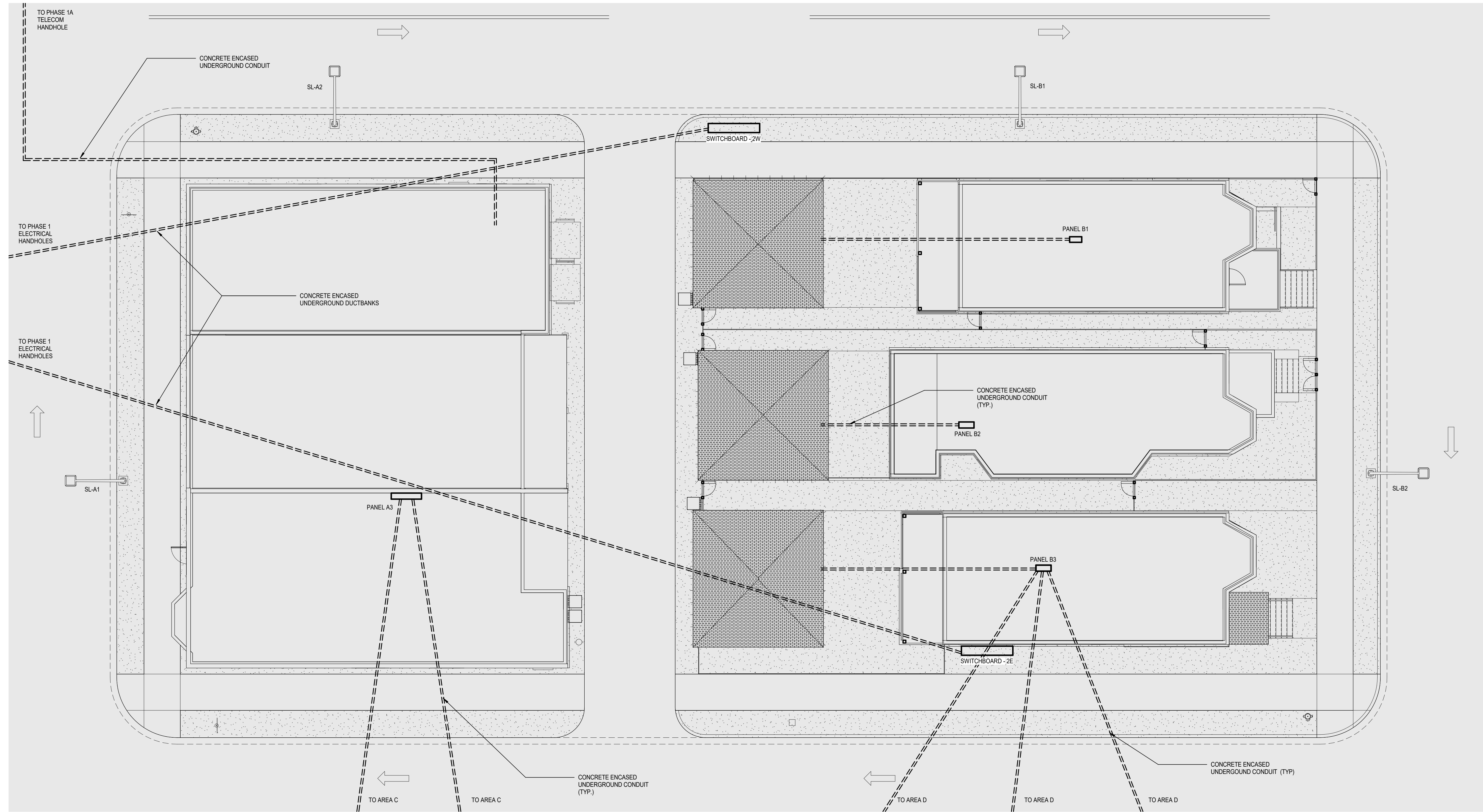
1 SWITCHBOARD 2E
E-4B NO SCALE

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5/7/2021 11:55:46 AM



ENLARGED ELECTRICAL SITE PLAN AREA A AND B

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



NOTE:

1. ALL UNDERGROUND DUCTBANKS AND CONDUITS SHALL BE 42" BELOW GRADE

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05/07/2021
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22-21105-00
ENLARGED ELECTRICAL SITE PLAN AREA A AND B

E-5A

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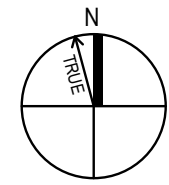
Project Logo

MILHOUSE CONSULTANT
Sara 2017 Chicago, IL 60604

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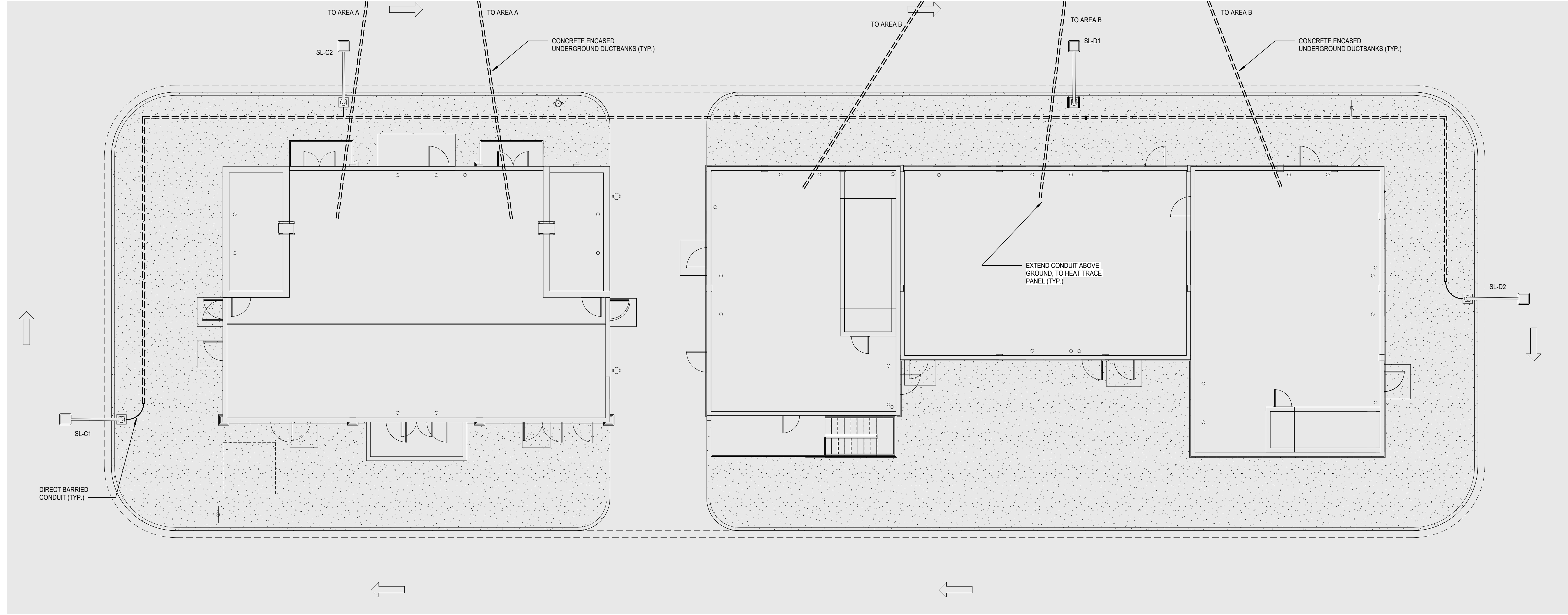
DLR Group | KwanHenmi
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5/7/2021 11:55:50 AM



ENLARGED ELECTRICAL SITE PLAN AREA C AND D

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

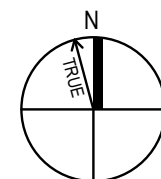


NOTE:

1. ALL UNDERGROUND DUCTBANKS AND CONDUITS SHALL BE 42" BELOW GRADE

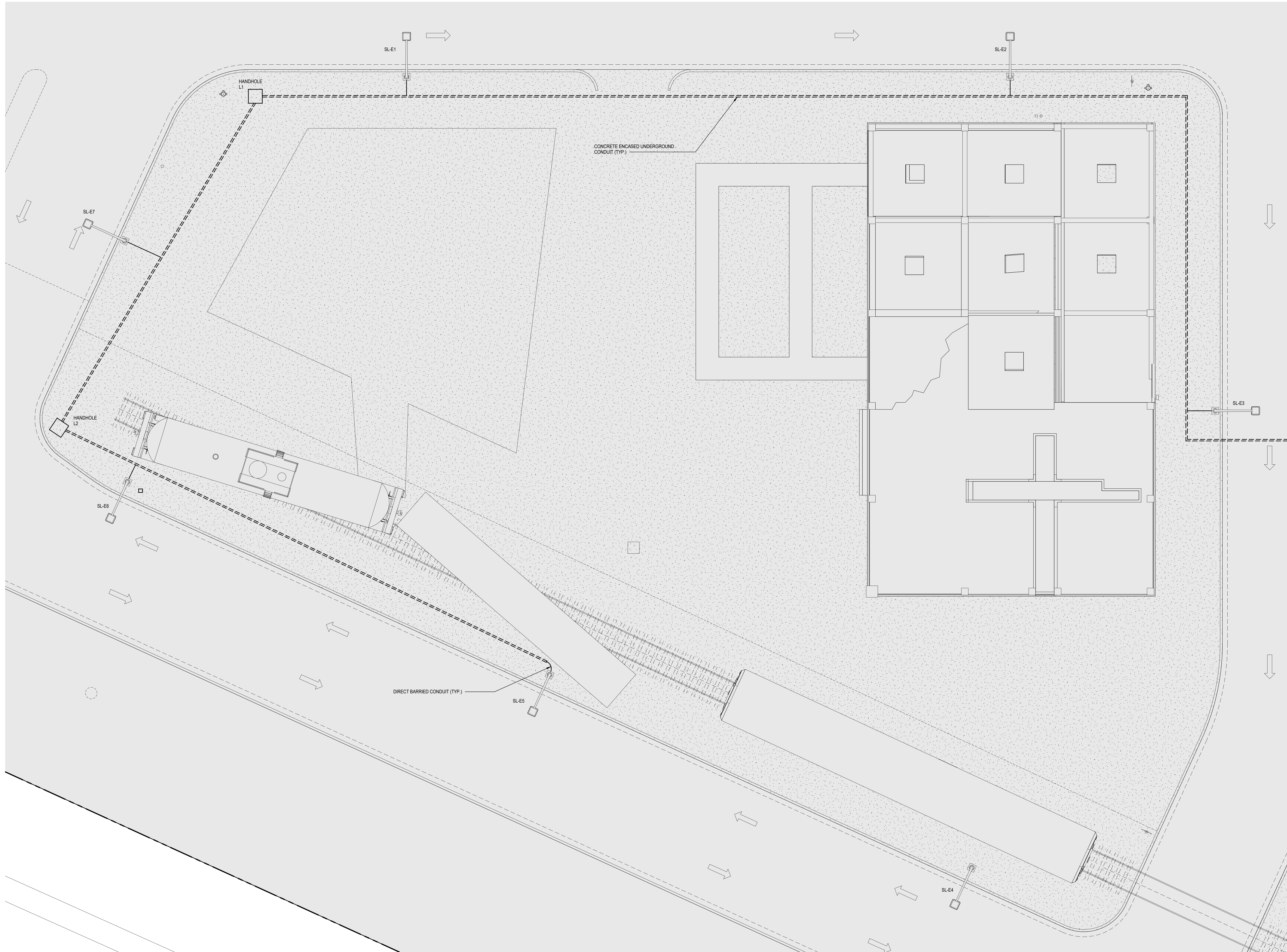


BM 360/22-21105-00_IPS Training Campus - Phase 22-21105-00_IPSTC MEP_2020.v1
5/7/2021 11:55:57 AM



ENLARGED ELECTRICAL SITE PLAN AREA E

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



NOTE:

1. ALL UNDERGROUND DUCTBANKS AND CONDUITS SHALL BE 42" BELOW GRADE

E-5C

ENLARGED
ELECTRICAL SITE
PLAN AREA E

22-21105-00

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4443 W Chicago Avenue, Chicago, IL 60651

MILHOUSE

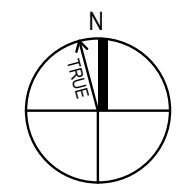
333 South Wabash Avenue,
Suite 2501, Chicago, IL 60604

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CONSTRUCTION



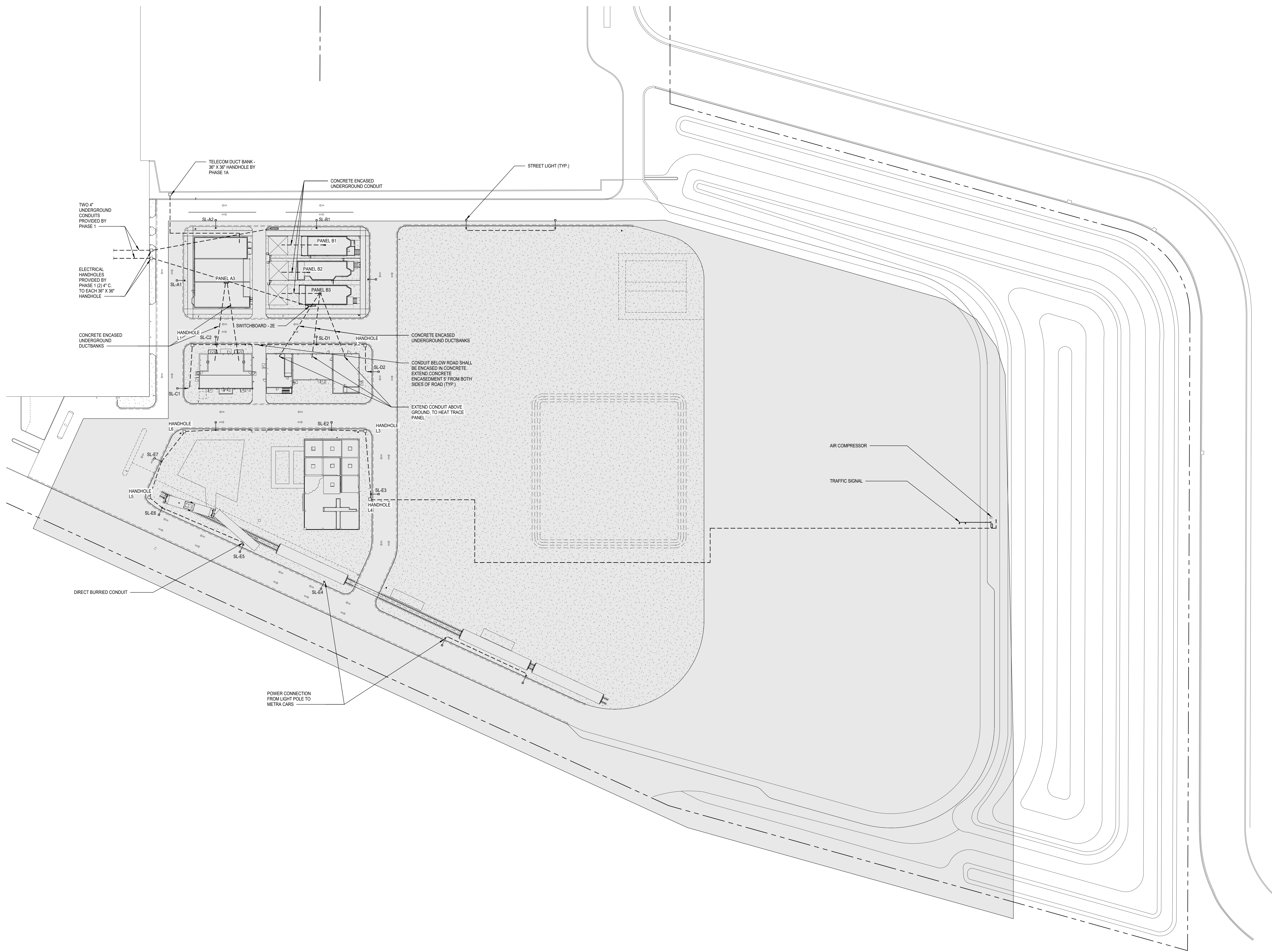
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ELECTRICAL SITE PLAN - PHASE II

SCALE: 1" = 40'-0"



E-S1

ELECTRICAL SITE
PLAN

22-21105-00

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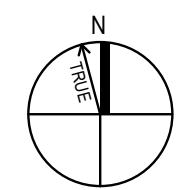
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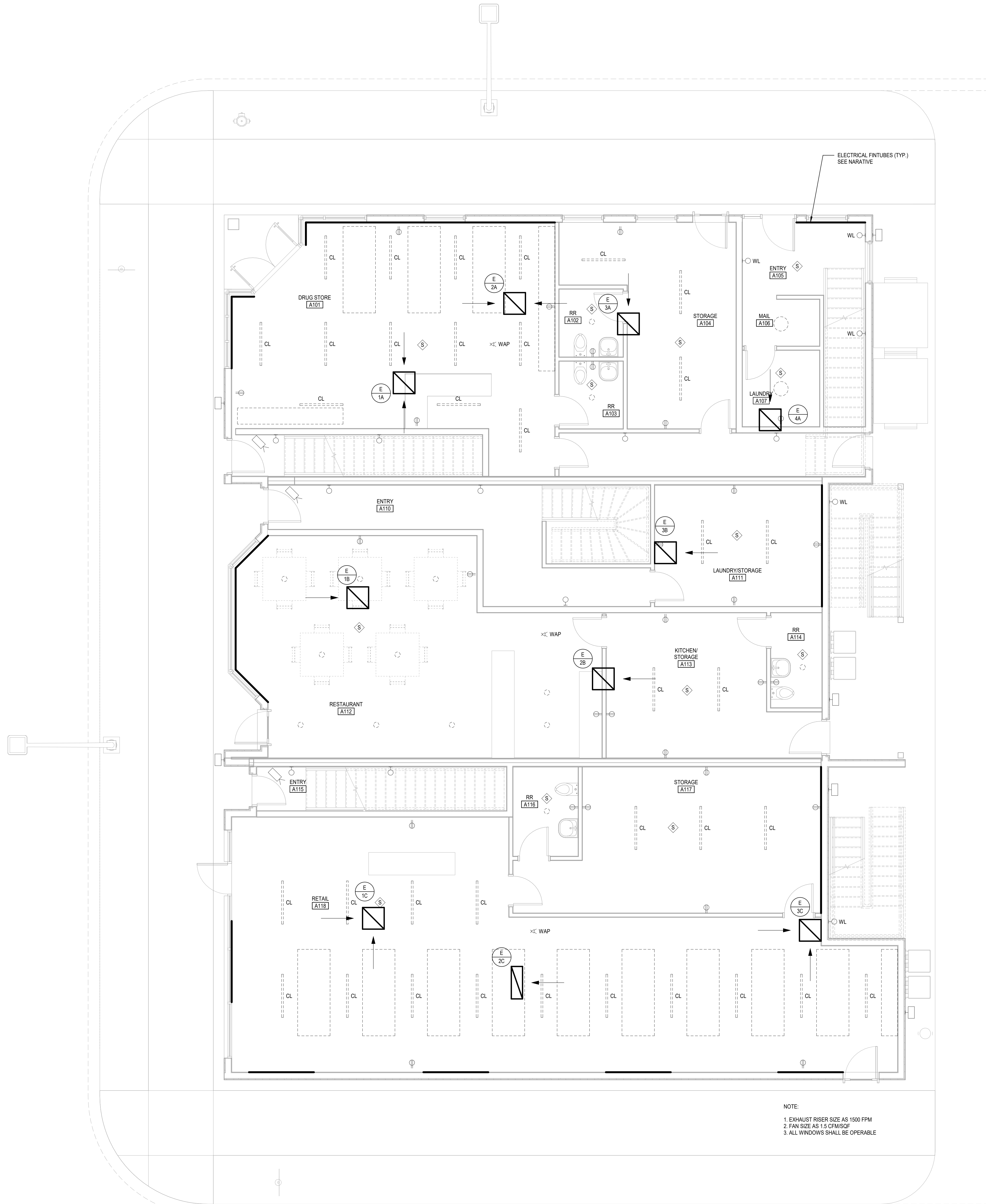
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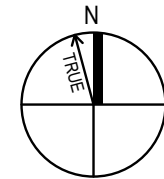


MECHANICAL LEVEL 01 FLOOR PLAN - AREA A

SCALE: 1/4" = 1'-0"

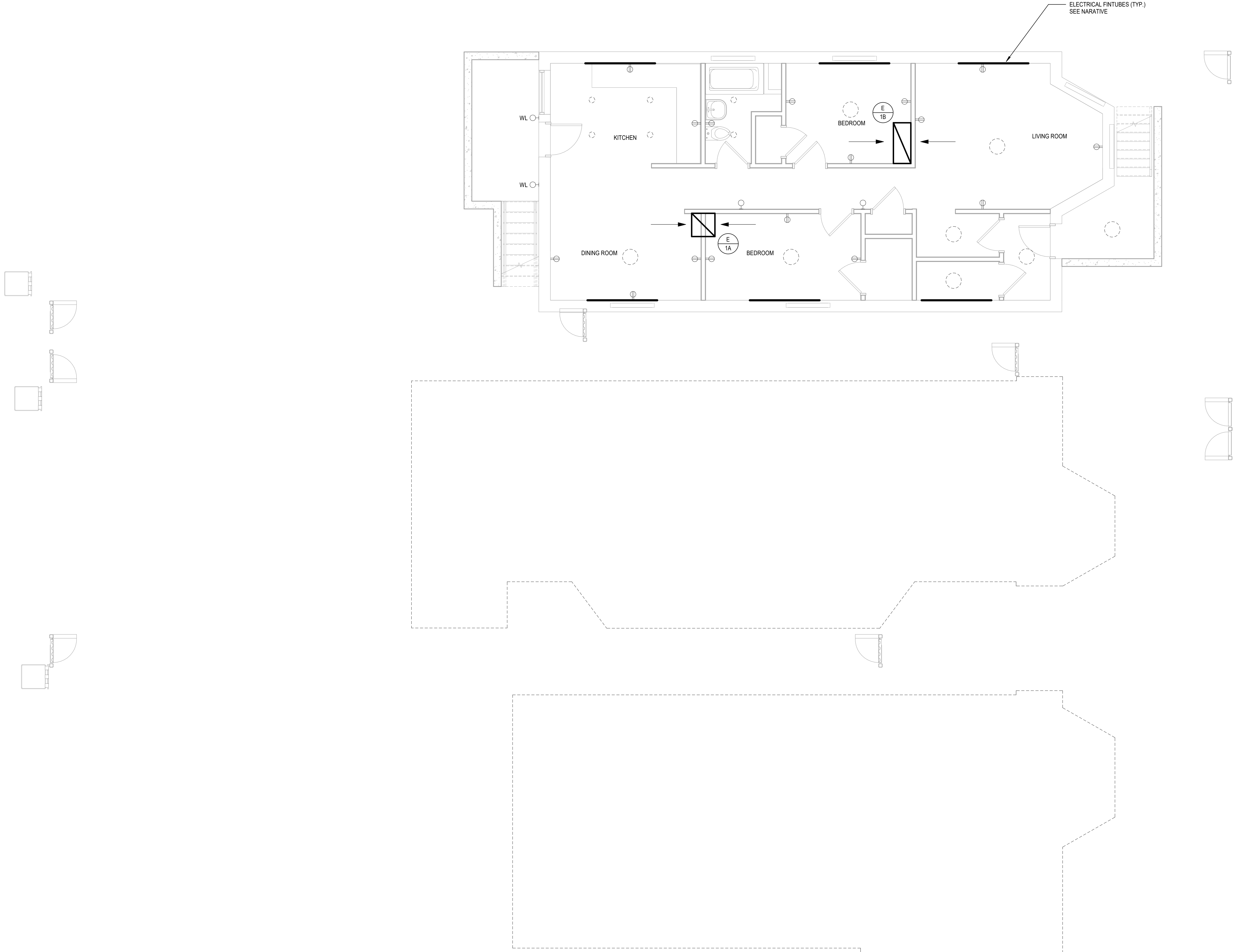


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MECHANICAL LEVEL 00 FLOOR PLAN - AREA B

SCALE: 1/4" = 1'-0"



- NOTE:
1. EXHAUST RISER SIZE AS 1500 FPM
 2. FAN SIZE AS 1.5 CFM/SF
 3. ALL WINDOWS SHALL BE OPERABLE

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22-21105-00
MECHANICAL
LEVEL 00 FLOOR
PLAN - AREA B

M-1B

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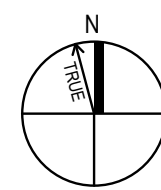
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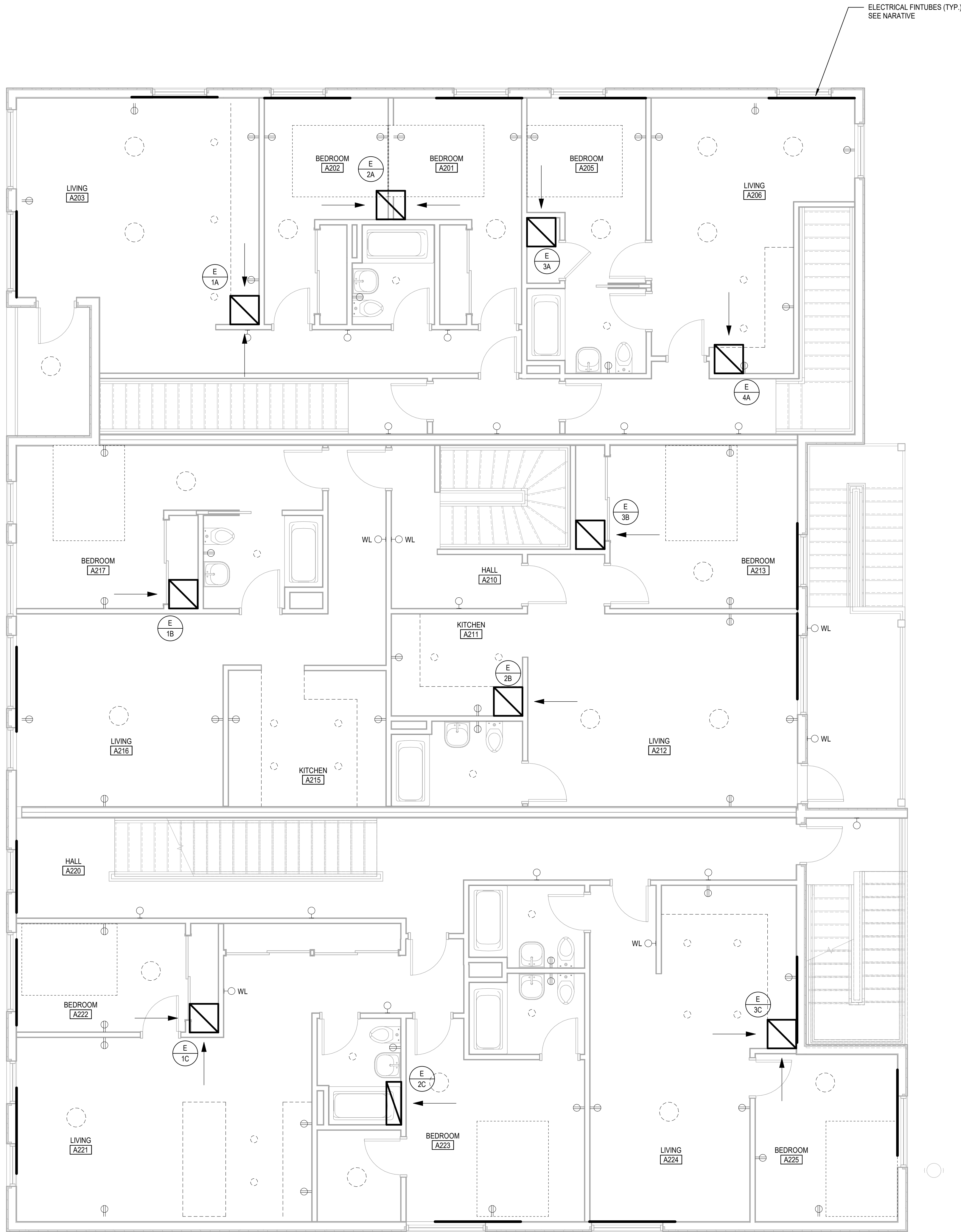
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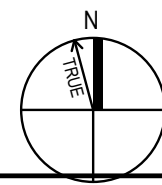
MECHANICAL LEVEL 02 FLOOR PLAN - AREA A

SCALE: 1/4" = 1'-0"



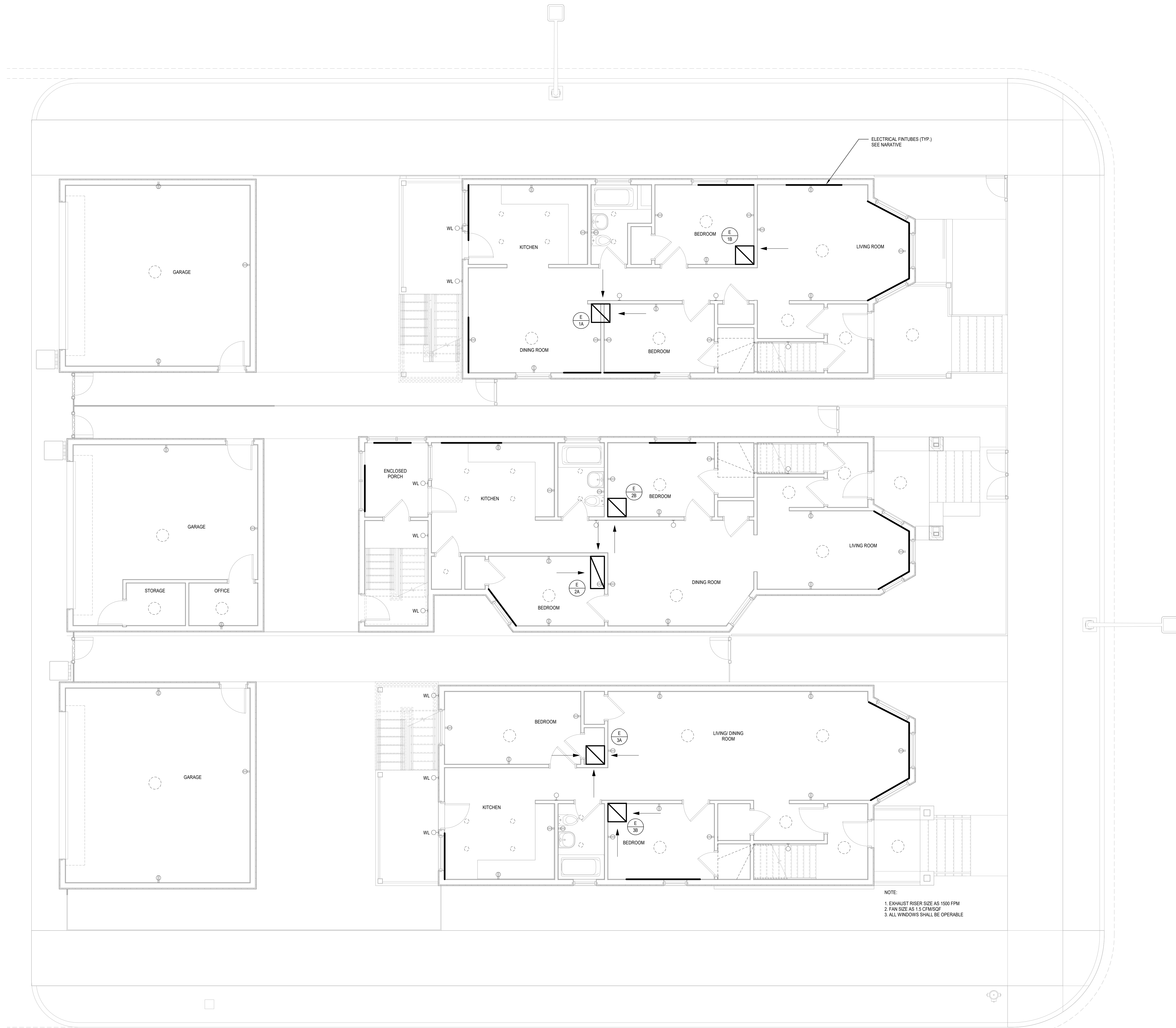
- NOTE:
1. EXHAUST RISER SIZE AS 1500 FPM
 2. FAN SIZE AS 1.5 CFM/SQF
 3. ALL WINDOWS SHALL BE OPERABLE

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MECHANICAL LEVEL 01 FLOOR PLAN - AREA B

SCALE: 1/4" = 1'-0"



M-2B

MECHANICAL
LEVEL 01 FLOOR
PLAN - AREA B

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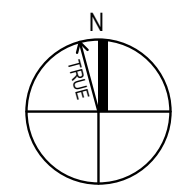
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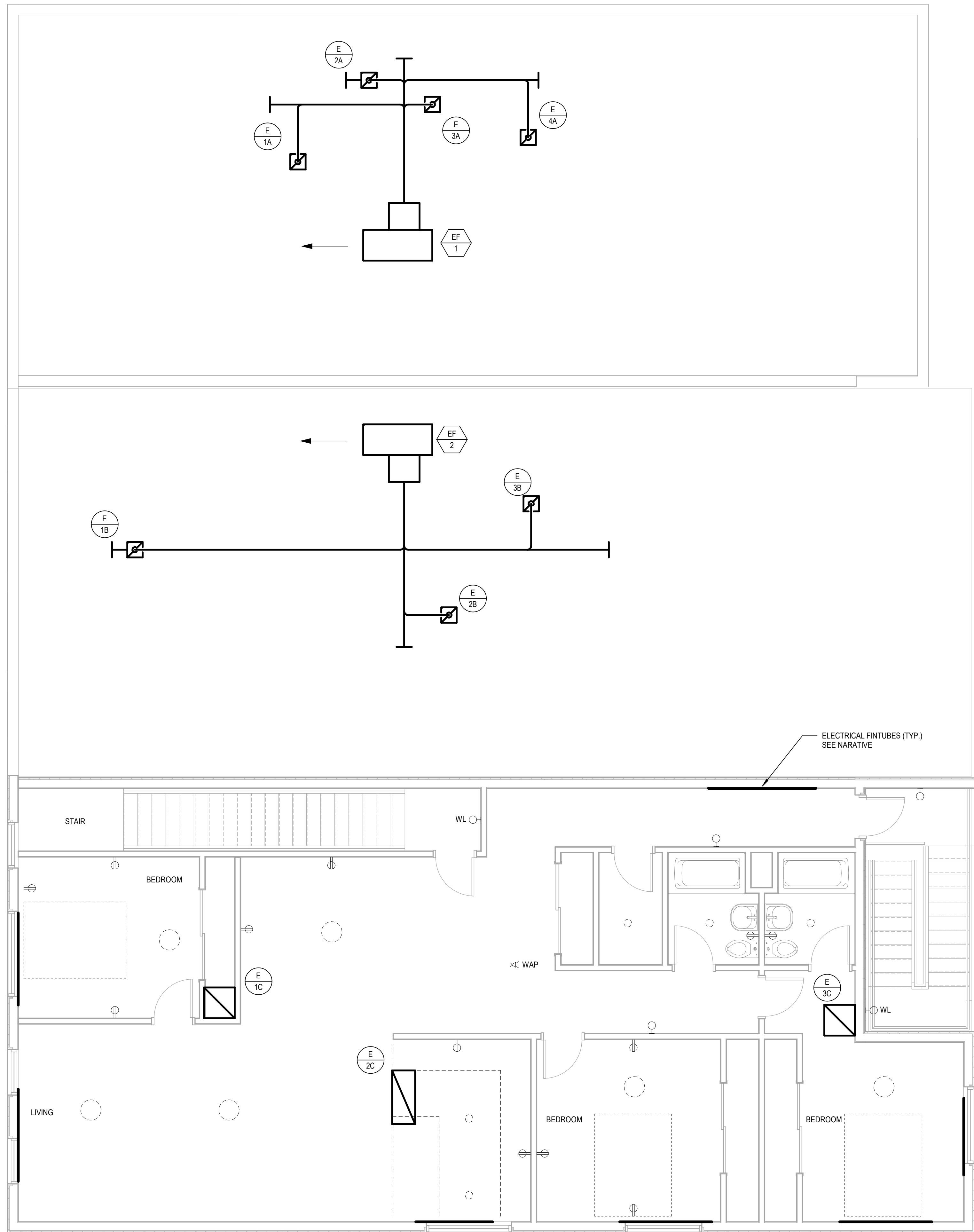
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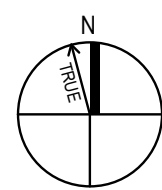


MECHANICAL LEVEL 03 FLOOR PLAN - AREA A

SCALE: 1/4" = 1'-0"

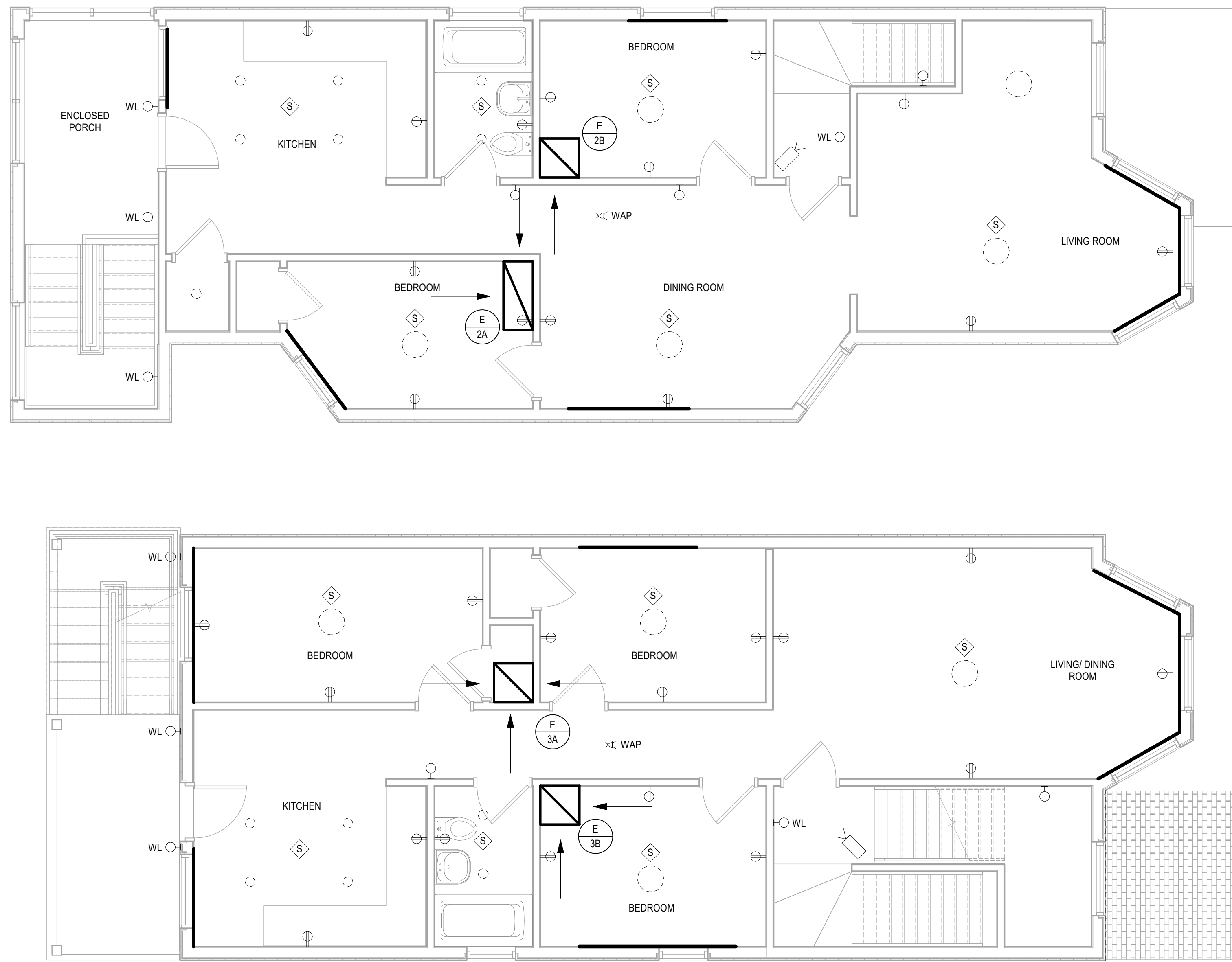


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MECHANICAL LEVEL 02 FLOOR PLAN - AREA B

SCALE: 1/4" = 1'-0"



NOTE:
1. EXHAUST RISER SIZE AS 1500 FPM
2. FAN SIZE AS 1.5 CFM/SQF
3. ALL WINDOWS SHALL BE OPERABLE

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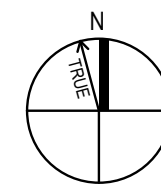
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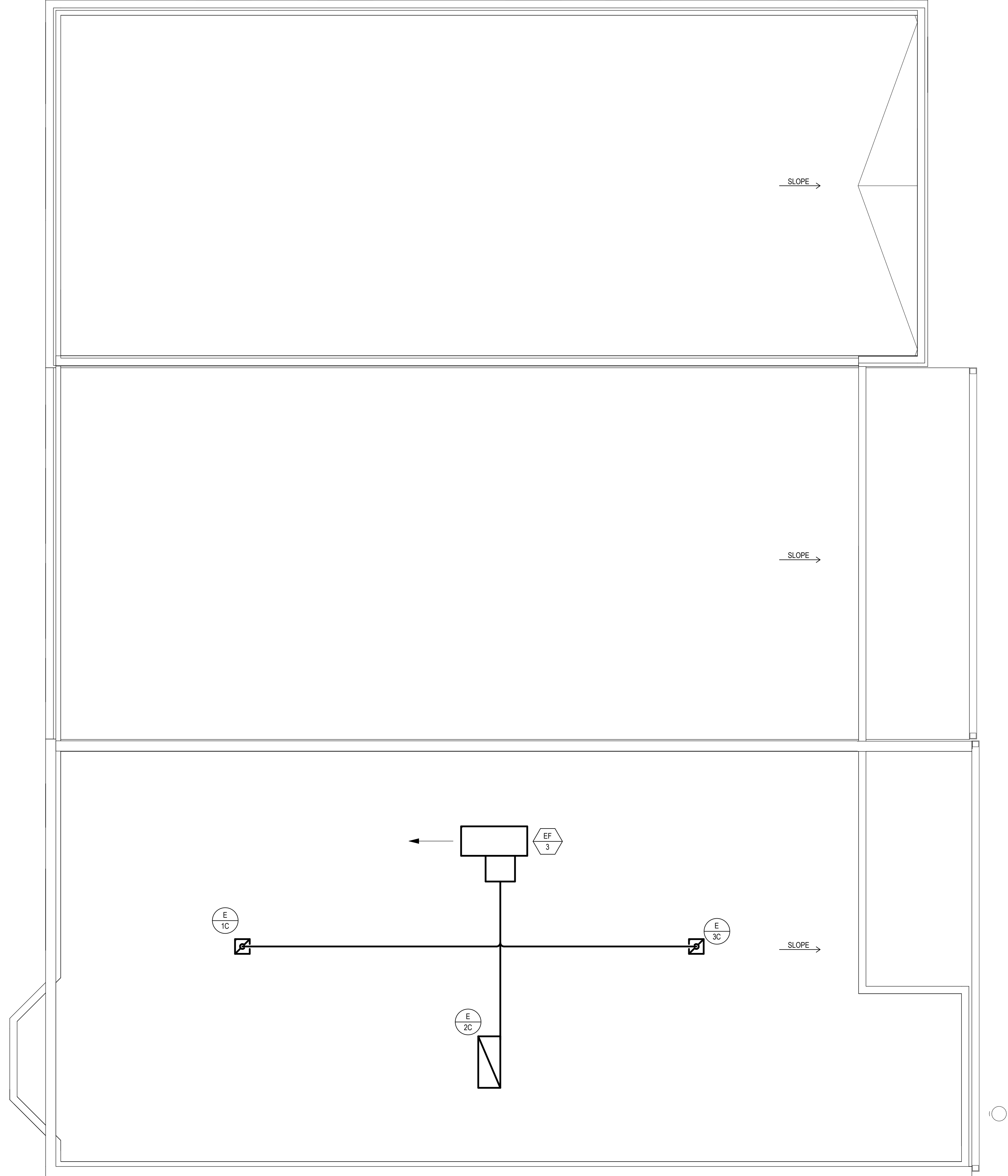
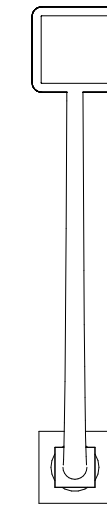
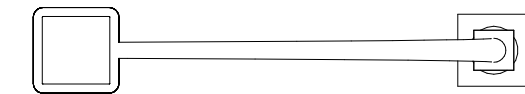
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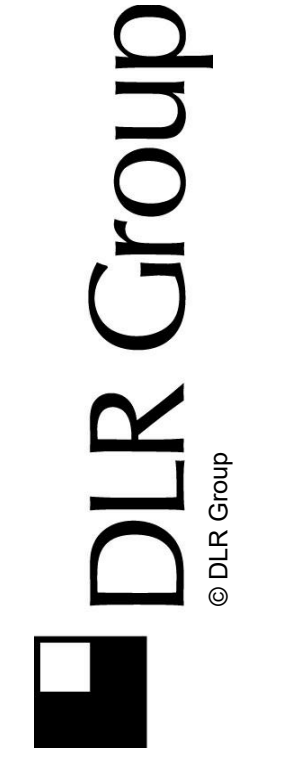


MECHANICAL ROOF PLAN - AREA A

SCALE: 1/4" = 1'-0"



- NOTE:
1. EXHAUST RISER SIZE AS 1500 FPM
 2. FAN SIZE AS 1.5 CFM/SQF
 3. ALL WINDOWS SHALL BE OPERABLE



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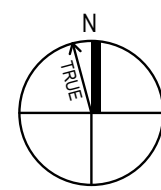
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22-21105-00
MECHANICAL
ROOF PLAN -
AREA A

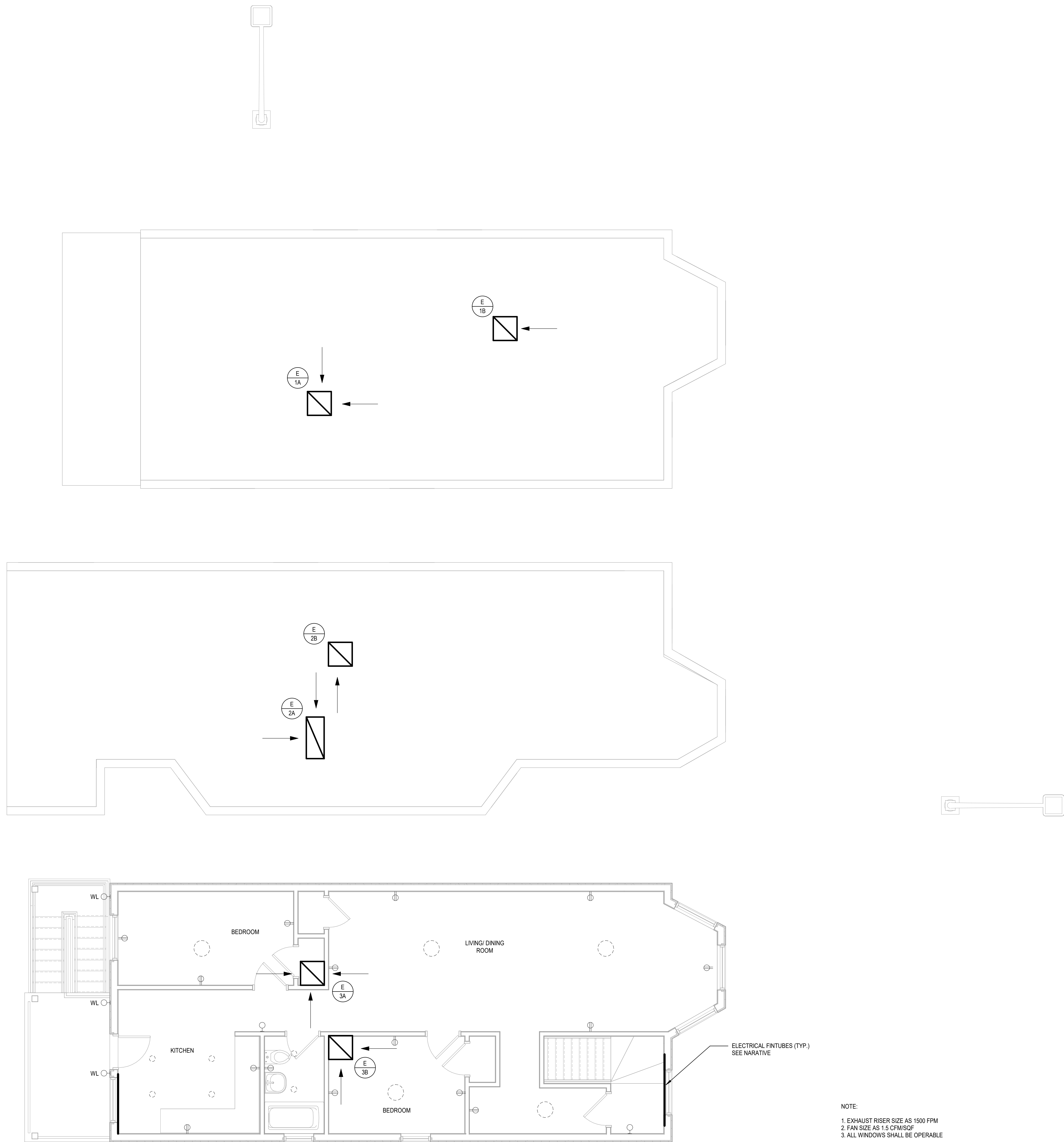
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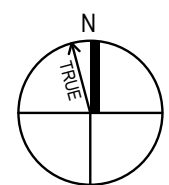
MECHANICAL LEVEL 03 FLOOR PLAN - AREA B

SCALE: 1/4" = 1'-0"



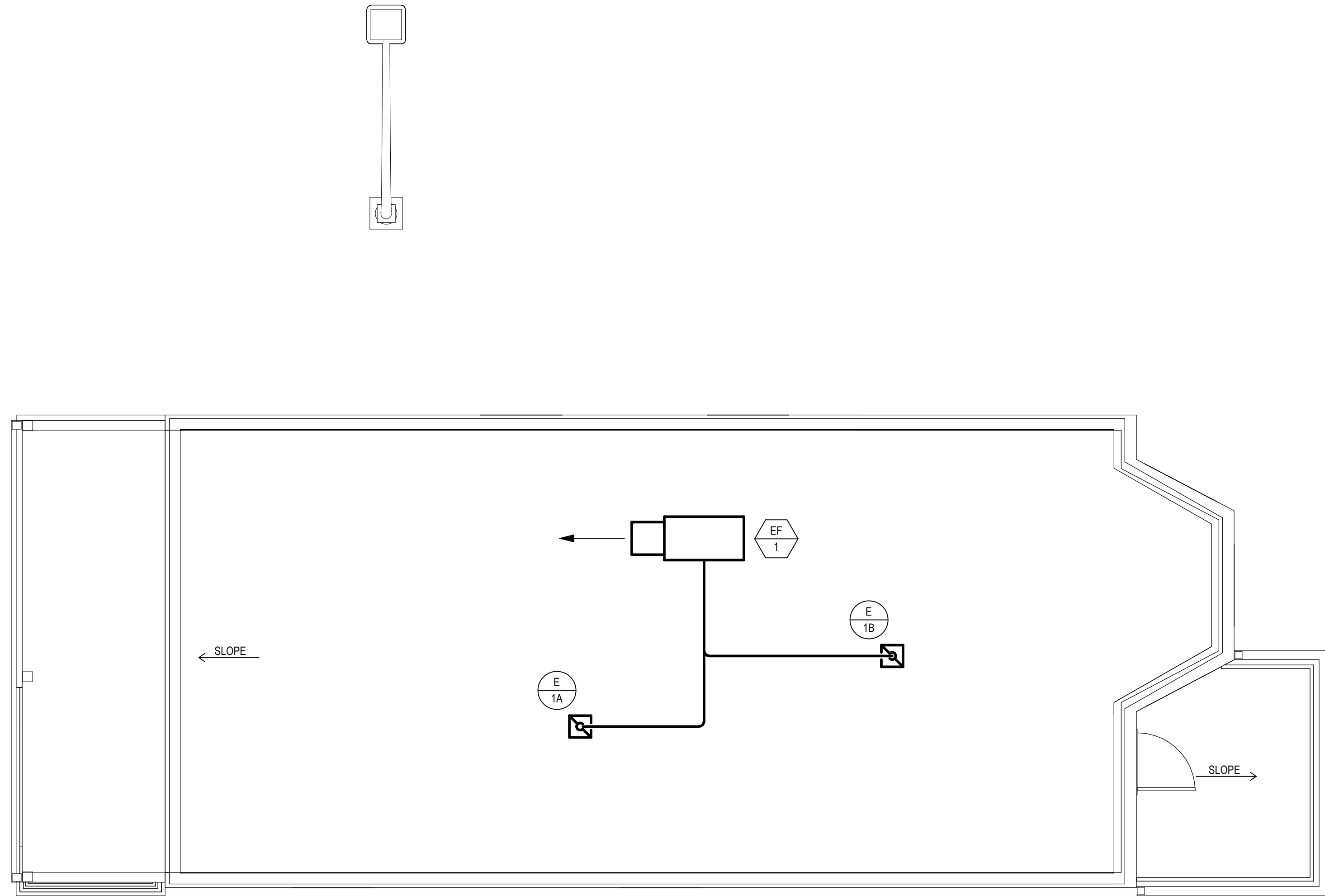
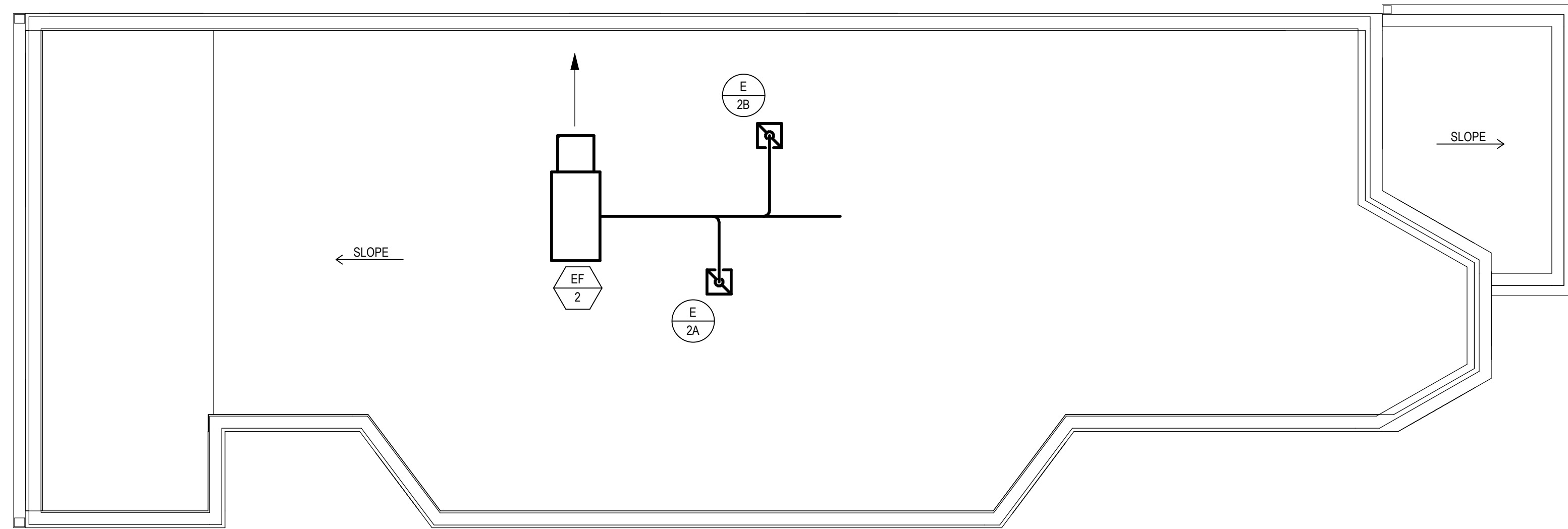
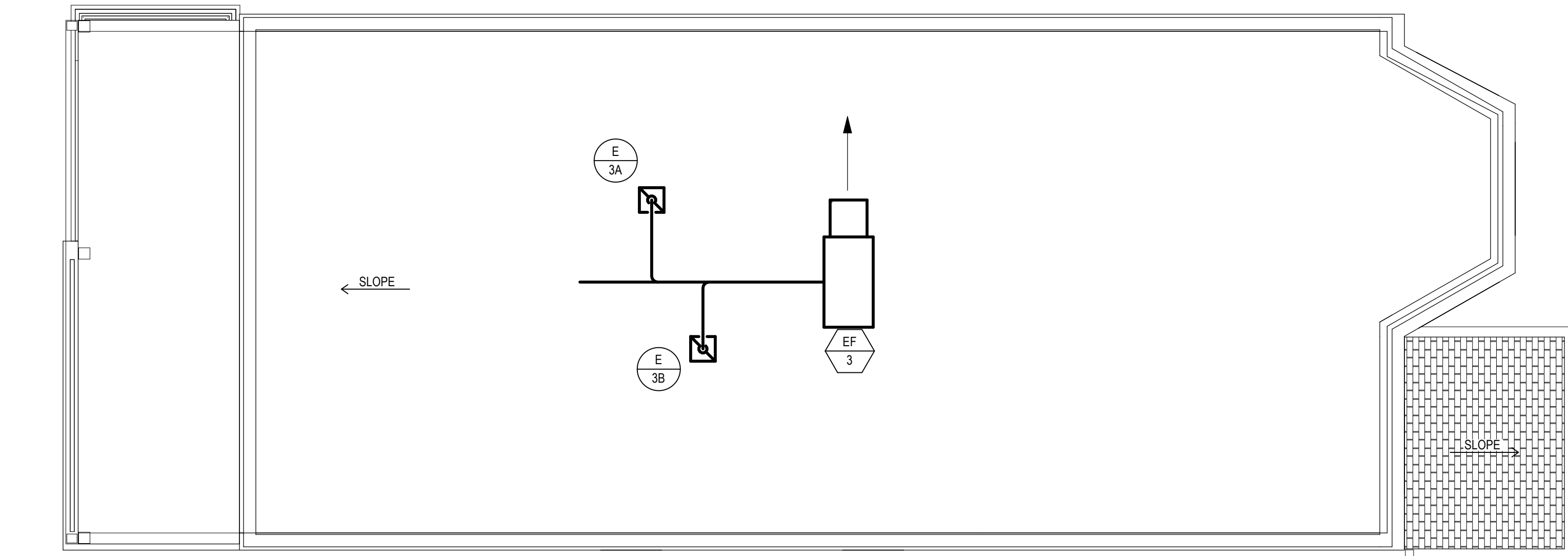
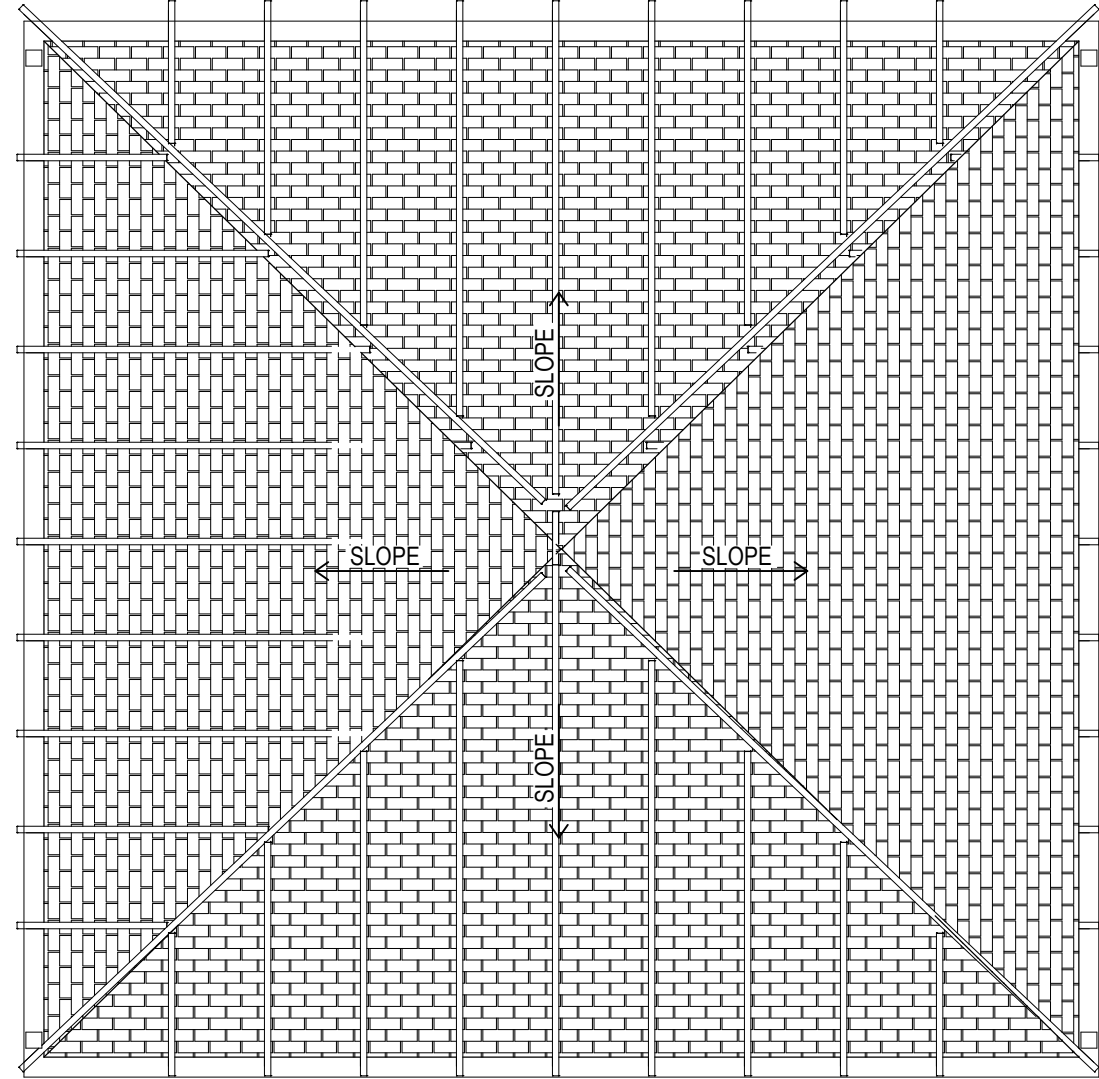
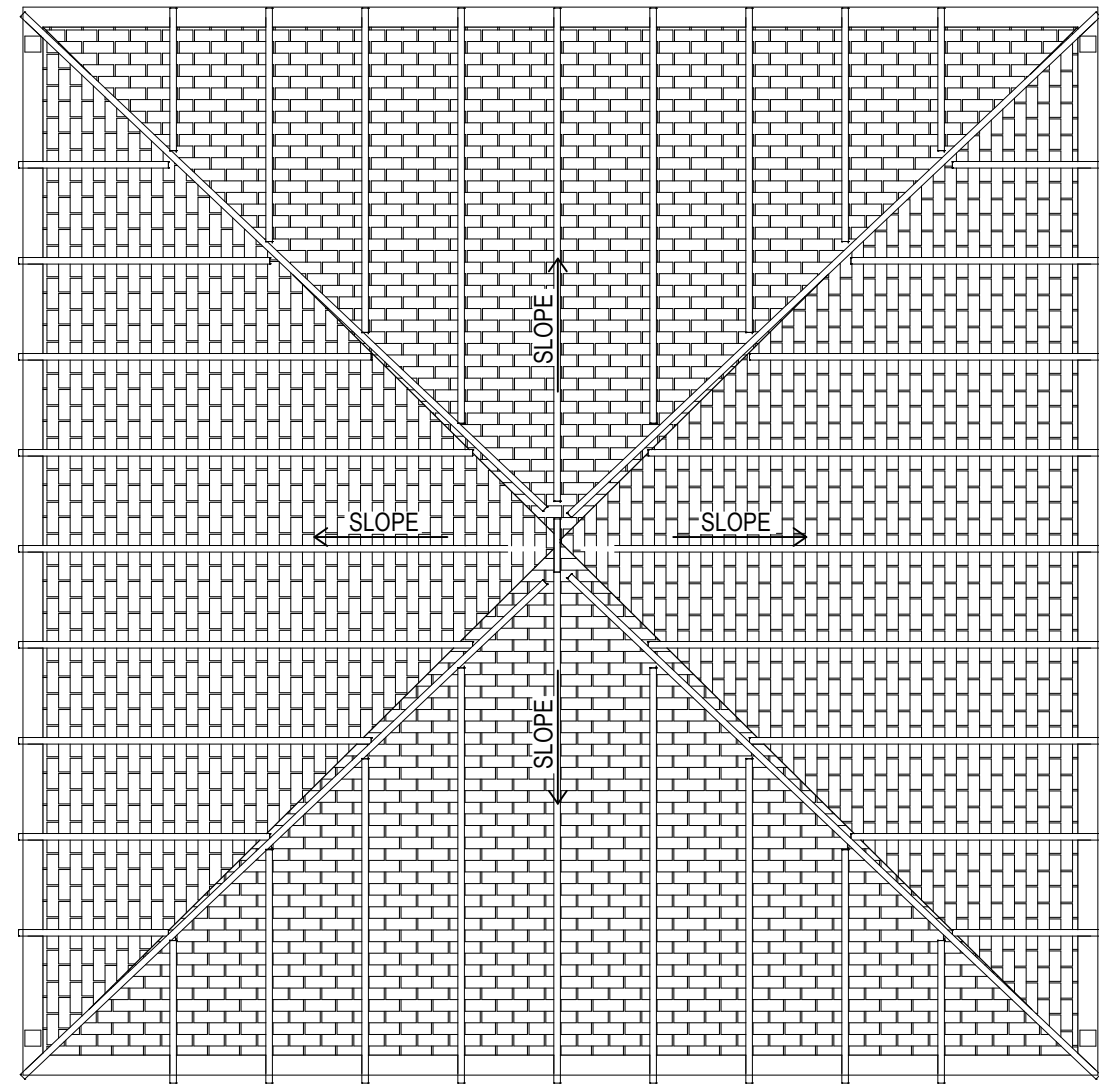
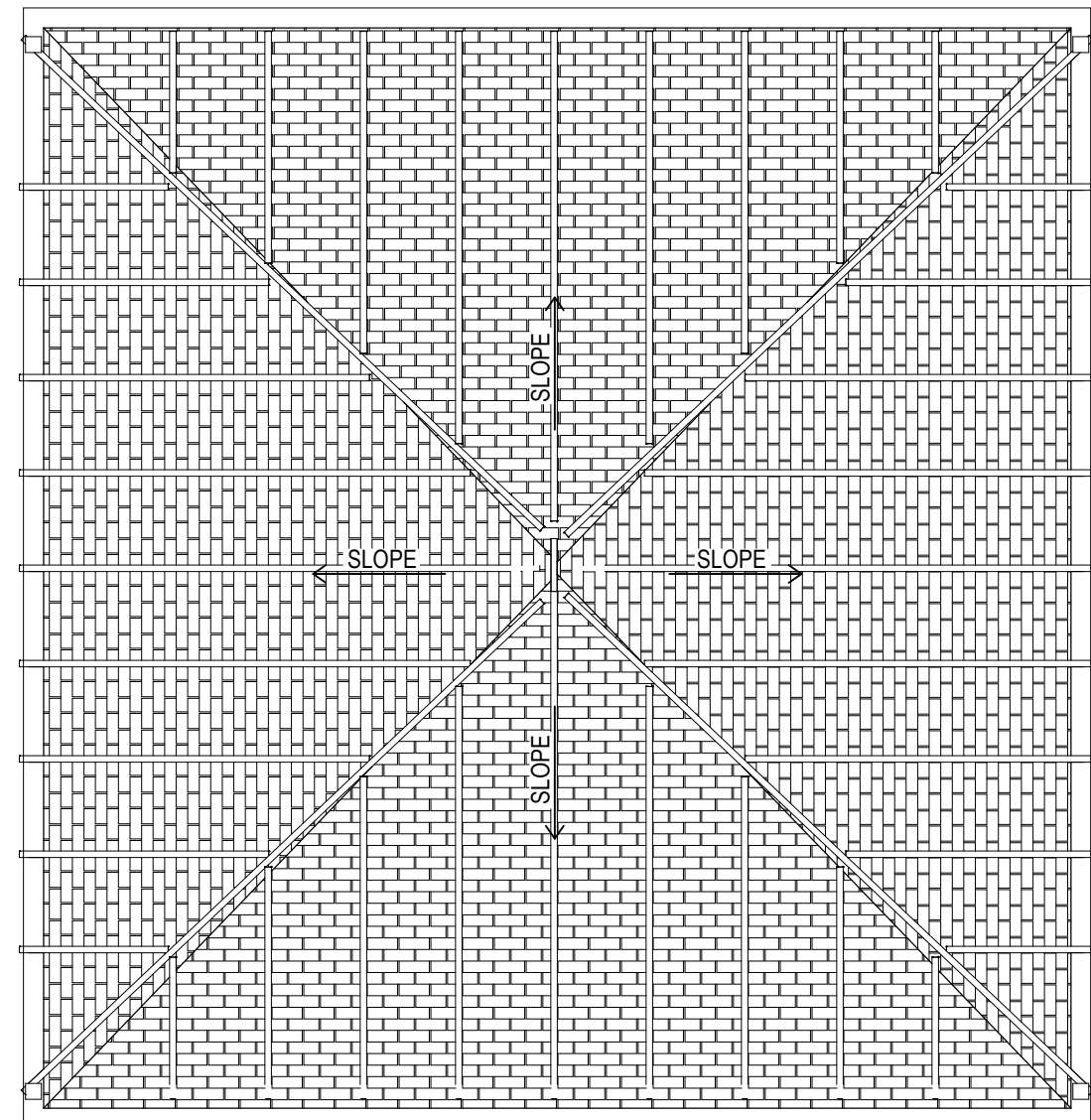
- NOTE:
1. EXHAUST RISER SIZE AS 1500 FPM
 2. FAN SIZE AS 1.5 CFM/SQF
 3. ALL WINDOWS SHALL BE OPERABLE

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MECHANICAL ROOF PLAN - AREA B

SCALE: 1/4" = 1'-0"



NOTE:
1. EXHAUST RISER SIZE AS 1500 FPM
2. FAN SIZE AS 1.5 CFM/50F
3. ALL WINDOWS SHALL BE OPERABLE

22-21105-00
MECHANICAL
ROOF PLAN -
AREA B

M-5B

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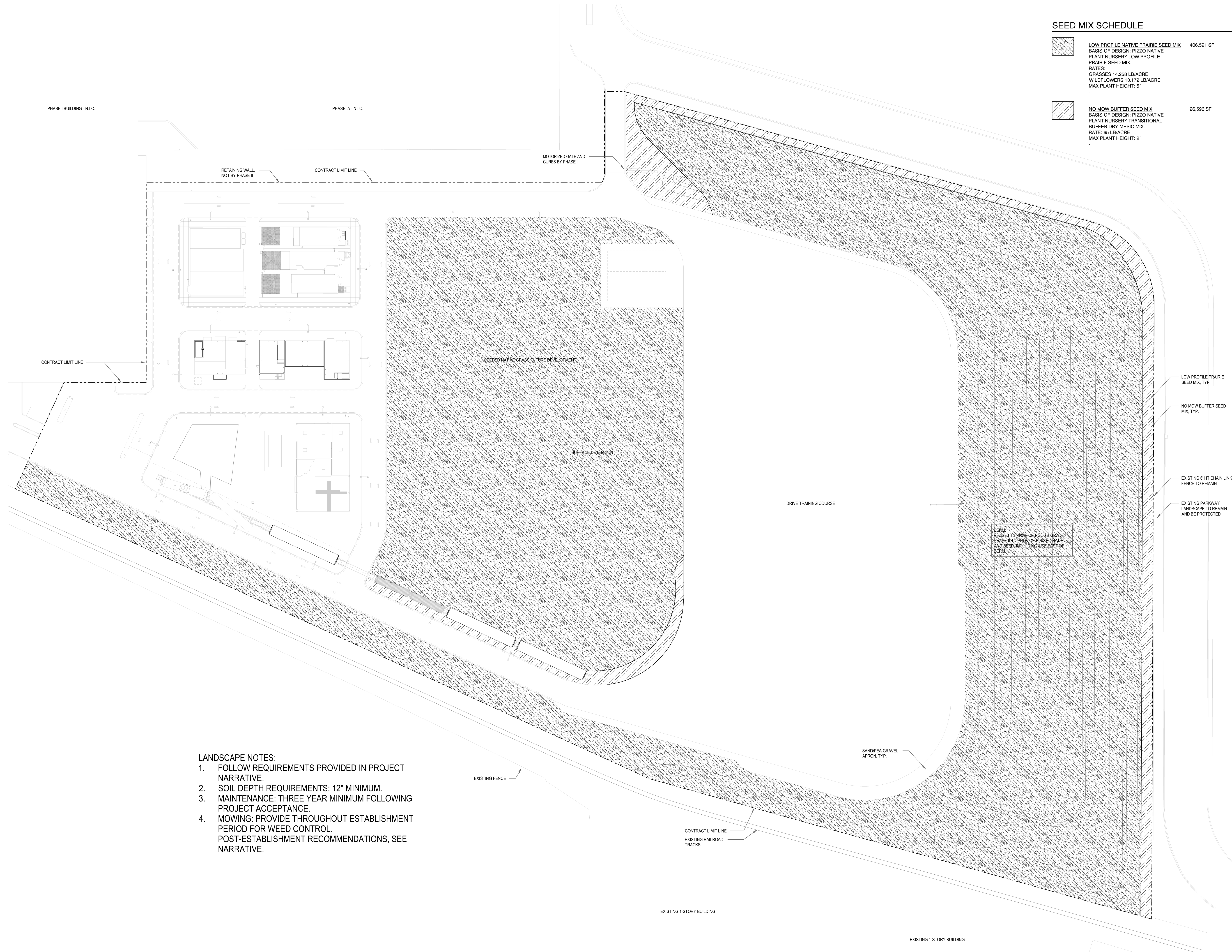
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LANDSCAPE SITE PLAN - PHASE II

SCALE: 1" = 40'-0"

LANDSCAPE NOTES:

1. FOLLOW REQUIREMENTS PROVIDED IN PROJECT NARRATIVE.
2. SOIL DEPTH REQUIREMENTS: 12" MINIMUM.
3. MAINTENANCE: THREE YEAR MINIMUM FOLLOWING PROJECT ACCEPTANCE.
4. MOWING: PROVIDE THROUGHOUT ESTABLISHMENT PERIOD FOR WEED CONTROL. POST-ESTABLISHMENT RECOMMENDATIONS, SEE NARRATIVE.



SEED MIX SCHEDULE

	LOW PROFILE NATIVE PRAIRIE SEED MIX BASIS OF DESIGN: PIZZO NATIVE PLANT NURSERY LOW PROFILE PRAIRIE SEED MIX. RATES: GRASSES 14.258 LB/ACRE WILDFLOWERS 10.172 LB/ACRE MAX PLANT HEIGHT: 5'	406,591 SF
	NO MOW BUFFER SEED MIX BASIS OF DESIGN: PIZZO NATIVE PLANT NURSERY TRANSITIONAL BUFFER DRY-MESIC MIX. RATE: 65 LB/ACRE MAX PLANT HEIGHT: 2'	26,596 SF

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Landscape Site Plan - Phase II

L1.0

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