

Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

MHDC PROJECT # 18-073



GENERAL PROJECT
NOTES

- A. ALL WORK TO MEET ALL APPLICABLE BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, ADA/HANDICAP ACCESSIBILITY & LIFE SAFETY CODES & REQUIREMENTS.
- B. THE GENERAL CONTRACTOR & ALL SUBCONTRACTORS SHALL THOROUGHLY FAMILIARIZE THEMSELVES TO ALL BUILDING SPECIFIC REQUIREMENTS & EXTENTS OF THE WORK PRIOR TO BIDDING. NO CHANGES IN THE CONTRACT WILL BE CONSIDERED FOR INFORMATION DISCERNIBLE FROM THE DRAWINGS.
- C. DO NOT SCALE DRAWINGS. FIELD VERIFY ALL EX. CONDITIONS, DIMENSIONS, ELEVATIONS, ETC. PRIOR TO ORDERING, FABRICATION, ETC.
- D. NOTIFY ARCHITECT OF ANY DISCREPANCIES BETWEEN THE PROJECT DOCUMENTS & EX. CONDITIONS.
- E. REFERENCE ARCHITECTURAL, CIVIL, STRUCTURAL, MECHANICAL, ELECTRICAL & PLUMBING PLANS FOR ADDITIONAL INFORMATION.
- F. INSTALL NON-EXPANDING SPRAY FOAM INSULATION AT WINDOW & EXTERIOR DOOR BLOCKING. SEAL ALL CRACKS, GAPS & HOLES (FLOOR / WALL JOINT, WALL TOP PLATE ELEC. OUTLET BOXES, MEP PENETRATING ITEMS, HVAC SUPPLY & RETURN BOOTS, ETC.) IN THE GYF. BD. BUILDING ENVELOPE (WALLS & CEILING) WITH CAULK OR EXPANDING FOAM. ALL UNITS WILL BE REQUIRED TO MEET A MAX. BLOWER DOOR SCORE OF 44CMB0.
- G. PARTICLE BOARD & MDF TO BE CERTIFIED COMPLIANT WITH ANSI A208.1 & A208.2 UREA FORMALDEHYDE-FREE COMPOSITE WOOD.
- H. CAULK ALL JOINTS BETWEEN DISSIMILAR MATERIALS FOR WEATHERPROOF, WATERPROOF, AIRTIGHT, ETC. PERFORMANCE.
- I. ALL COLOR SELECTIONS BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
- J. REFER TO DOOR SCHEDULE FOR DOOR & HARDWARE REQUIREMENTS. THE HINGE SIDE OF THE DOOR JAMB SHALL BE 4" FROM THE ADJACENT WALL, UNLESS SHOWN OTHERWISE.
- K. REFER TO SHEET A01 FOR TYPICAL FIRESTOPPING DETAILS. 070418.
- L. THIS PROJECT WAS DESIGNED USING THE NATIONAL GREEN BUILDING STANDARD, RE: SPECIFICATION FOR CHECKLIST. A THIRD PARTY CONSULTANT WILL VISIT THE SITE FOR ROUGH IN-SITE OBSERVATION TO CHECK FOR INCLUSION / INSTALLATION OF SUSTAINABLE FEATURES.
- M. TERMITE TREATMENT SHALL BE INSTALLED PRIOR TO INSTALLING BUILDING SLAB.

SHEET SCHEDULE

COVERSHEET

SURVEY

CIVIL DRAWINGS:

- C1.1 SITE LAYOUT & DIMENSION PLAN
C1.2 SITE DETAILS
C1.3 SITE GRADING PLAN
C1.4 SITE GRADING DETAILS
C1.5 SITE UTILITY PLAN
C1.6 STORMWATER POLLUTION PREVENTION PLAN
C1.7 STORMWATER POLLUTION PREVENTION DETAILS
L1.1 LANDSCAPE PLAN

ARCHITECTURAL DRAWINGS:

- SP1.1 SITE PLAN
SP1.2 SITE DETAILS
A0.1 CODE ANALYSIS
A0.2 UL DETAILS
A0.3 UL DETAILS
A1.1 1ST FLOOR PLAN
A1.1D 1ST FLOOR DIMENSION PLAN
A1.2 2ND FLOOR PLAN
A1.2D 2ND FLOOR DIMENSION PLAN
A1.3 3RD FLOOR PLAN
A1.3D 3RD FLOOR DIMENSION PLAN
A1.4 ROOF PLAN
A2.1 BUILDING ELEVATIONS
A2.2 BUILDING ELEVATIONS
A2.3 BUILDING SECTIONS
A3.1 ENLARGED STAIR & RAMP PLANS
A3.2 STAIR SECTIONS & DETAILS
A3.3 WALL SECTIONS
A3.4 WALL SECTIONS
A3.5 DETAILS
A3.6 DETAILS
A4.1 ENLARGED FLOOR PLANS
A4.2 ENLARGED FLOOR PLANS
A4.3 INTERIOR ELEVATIONS
A4.4 INTERIOR ELEVATIONS
A4.5 INTERIOR ELEVATIONS
A5.1 1ST FLOOR REFLECTED CEILING PLAN
A5.2 2ND FLOOR REFLECTED CEILING PLAN
A5.3 3RD FLOOR REFLECTED CEILING PLAN
A6.1 DOOR SCHEDULE
A6.2 DOOR SCHEDULE
F1.1 ROOM FINISH SCHEDULE
F1.2 ROOM FINISH SCHEDULE / MATERIAL SCHEDULE
F2.1 FLOOR FINISH PLANS

STRUCTURAL DRAWINGS:

- S0.1 STRUCTURAL GENERAL NOTES
S0.2 SCHEDULES
S0.3 SHEAR WALL SCHEDULE
S0.4 TYPICAL SECTIONS
S1.1 FIRST FLOOR FOUNDATION PLAN
S1.2 SECOND FLOOR FRAMING PLAN
S1.3 THIRD FLOOR FRAMING PLAN
S1.4 ROOF FRAMING PLAN
S2.1 FOUNDATION SECTIONS
S2.2 FOUNDATION SECTIONS
S3.1 SECTIONS
S3.2 SECTIONS
S3.3 SECTIONS

MEP DRAWINGS:

- MPE0.1 SYMBOLS LEGEND
MPE1.0 MPE ROOF PLAN
MPE1.1 MPE SITE PLAN
M1.1 FIRST FLOOR MECHANICAL PLAN
M1.2 SECOND & THIRD FLOOR MECHANICAL PLAN
M4.1 ENLARGED MECHANICAL PLANS
M4.2 ENLARGED MECHANICAL PLANS
M5.1 MECHANICAL DETAILS
M6.1 MECHANICAL SCHEDULES
P0.1 FIRST FLOOR BELOW GRADE PLUMBING PLAN
P1.1 FIRST FLOOR ABOVE GRADE PLUMBING PLAN
P1.2 SECOND & THIRD FLOOR PLUMBING PLAN
P4.1 ENLARGED PLUMBING PLANS
P4.2 ENLARGED PLUMBING PLANS
P5.1 PLUMBING SCHEDULES & DETAILS
P6.1 PLUMBING RISER DIAGRAMS
FP1.1 FIRE PROTECTION PLANS
E1.1 FIRST FLOOR LIGHTING PLAN
E1.2 SECOND FLOOR LIGHTING PLAN

- E2.1 FIRST FLOOR POWER PLAN
E2.2 SECOND & THIRD FLOOR POWER PLAN
E3.1 FIRST FLOOR SPECIAL SYSTEMS PLAN
E3.2 SECOND & THIRD FLOOR SPECIAL SYSTEMS PLAN
E4.1 ENLARGED LIGHTING PLANS
E4.2 ENLARGED LIGHTING PLANS
E4.3 ENLARGED POWER PLANS
E4.4 ENLARGED POWER PLANS
E5.1 ELECTRICAL RISER DIAGRAM & DETAILS
E6.1 ELECTRICAL SCHEDULES
E6.2 ELECTRICAL SCHEDULES

THIS PROJECT COMPLIES W/ THE FOLLOWING MHDC UNIVERSAL DESIGN:

1. EQUITABLE USE:

- A. MINIMUM 36" DOOR W/ A NO-STEP ENTRY @ ACCESSIBLE ENTRIES.
B. PROVIDE 60" ROTATION MANEUVERING SPACE ON EXTERIOR & INTERIOR LATCH SIDE OF ACCESSIBLE ENTRIES W/ 18" MIN. FRONT APPROACH CLEARANCE AT LATCH SIDE.
C. FLAT LANDING SURFACES LEADING TO DOORWAYS & AT BOTH SIDES OF ALL ACCESSIBLE ENTRY DOORWAYS.
D. NO THRESHOLDS AND/OR CHANGE OF WALKING SURFACE GREATER THAN 1/2" RISE.
E. CONTINUOUS ACCESSIBLE PATH, MIN. 42" WIDTH FROM PARKING & PUBLIC ACCESS TO THE UNIT, MAX. 1:20 SLOPE.
F. PATIO OR DECK LANDING @ THE SAME LEVEL AS INTERIOR FLOOR @ ACCESSIBLE ENTRY DOORS.
G. MAIL BOXES TO BE AT AN ACCESSIBLE LOCATION ON THE ACCESSIBLE ROUTE.
H. LEVER ACTION DOOR HARDWARE.

2. FLEXIBILITY IN USE:

- A. 24" BLOCKING OR PLYWOOD SUBSTRATE IN BATHROOMS FOR FUTURE GRAB BARS WHERE NEEDED, HORIZONTAL & VERTICAL @ ALL TOILETS, SHOWERS & TUBS, AROUND TOILETS, SUBSTRATE UP TO 42" AFF. ALL SHOWERS HAVE INTEGRAL BLOCKING FOR THE LATER ADDITION OF GRAB BARS.
B. ALL ELECTRICAL DEVICES & ENVIRONMENTAL CONTROLS TO BE MOUNTED BETWEEN 15" & 48" AFF.

3. SIMPLE & INTUITIVE:

- A. LEVER ACTION OR GRIP FRIENDLY PLUMBING FIXTURES, TRIM, CONTROLS, DOOR & CABINET HARDWARE.
B. BUTTONS ON CONTROL PANELS THAT CAN BE DISTINGUISHED BY TOUCH.
C. FRONT MOUNTED CONTROLS ON APPLIANCES, 15" - 48" AFF.
D. THERMOSTAT CONTROLS THAT ARE USER FRIENDLY TO ADJUST BY FEEL & READ EASILY.

4. PERCEPTIBLE INFORMATION:

- A. SIGNAGE WITH COLOR CONTRASTING PRINT IN ADDITION TO GENERALLY RECOGNIZED ICONS.
B. CREATE COLOR OR TEXTURE CONTRAST BETWEEN LIGHT SWITCHES / WALL OUTLETS & SURROUNDING SURFACES AS WELL AS CONTRASTING COLORS BETWEEN COUNTERTOPS & FLOORING & WALLS.
C. COLOR CONTRAST OR TEXTURE CHANGE BETWEEN NET ROOMS (BATH, LAUNDRY, KITCHEN) & ADJOINING SPACES.
D. CONTRASTING LIT. DOORBELL OR INTERNAL LIGHT WHEN A DOORBELL IS INSTALLED.
E. MIN. 4" HIGH HOUSE NUMBERS POSTED IN CONTRASTING COLORS.
F. CONTRASTING COLORS BETWEEN HIRING DEVICES (RECEPTACLES & LIGHT SWITCHES) & SURROUNDING SURFACES.
G. CONTRASTING COLORS BETWEEN STEPS, LANDING OR LIVING SPACE.
H. CONTRASTING COLORS BETWEEN DIFFERENT FLOOR COVERING.
I. CONTRASTING COLORS BETWEEN PLUMBING FIXTURES & FLOORING/COUNTERTOPS.

5. TOLERANCE FOR ERROR:

- A. SLIP-RESISTANT SURFACES, ESPECIALLY IN BATHROOMS, KITCHENS & ENTRY AREAS.
B. PROVIDE FOR EASE OF MAINTENANCE OF ALL FLOORING.
C. VENTILATION TO MEET CURRENT ASHRAE 62.2 STANDARD WHERE APPLICABLE.
D. LIGHT SWITCHES W/ LARGE FLAT PADS.

6. LOW PHYSICAL EFFORT:

- A. PROVIDE MIN. OF ONE LOW THRESHOLD SHOWER ON PRIMARY LEVEL.
B. ONE OPERABLE WINDOW IN EACH BEDROOM & LIVING ROOM W/ 56" MAXIMUM SILL HEIGHT.
C. SELF-CLOSING FIRE RATED DOORS MUST BE ON LOWEST SETTING WHILE COMPLYING WITH ENFORCED BUILDING CODE.
D. NO INTERIOR RAMPS.
1. SIZE & SPACE FOR APPROACH & USE:
A. 36" MIN. WIDTH DOORS.
B. 60" CLEAR TURNING SPACE PROVIDED IN AT LEAST ONE BATHROOM & IN KITCHEN; 60" T-TURNS ACCEPTABLE WHERE CONDITIONS WARRANT.
C. 42" WIDE RESIDENTIAL UNIT IN COMMON HALLWAYS.
D. PROVIDE FOR PARALLEL OR FRONT APPROACH TO ALL SINKS & APPLIANCES.
E. 20% OF STORAGE SPACE WITHIN 15'-48" REACH AFF.
F. BOTTOM OF BATHROOM MIRROR WITHIN 40" AFF.
G. ALLOW KNEE CLEARANCE BELOW ONE LAVATORY & BELOW 30"-32" HEIGHT KITCHEN WORKSTATION WHICH MAY BE A PULL-OUT ACCESSORY.
H. TOILET SET A MIN. OF 18" OFF ONE SIDEWALL FROM TOILET CENTER IN A SPACE THAT IS AT LEAST 48" WIDE ON ACCESSIBLE UNITS ONLY.
I. SHOWER CONTROLS ON NEAREST WALL TO OPENING AT 15'-48" AFF. CONTROLS SETBACK NOT TO EXCEED 15".

ARCHITECT ACKNOWLEDGES AND COMPLIES WITH THE MHDC FORM 1200 FOR DESIGN/CONSTRUCTION

UNIT TABULATION

1ST FLOOR: 6 1B-1b
5 2B-2b
2ND FLOOR: 6 1B-1b
4 2B-2b
3RD FLOOR: 6 1B-1b
4 2B-2b
TOTAL UNITS: 41 UNITS
1B-1b = 628 NSF EACH
2B-2b = 953 NSF / 960 NSF EACH

TOTAL UNIT NSF = 33,349 NSF
TOTAL OFFICE NSF = 858 NSF
2 UNITS ARE TYPE 'A' COMPLIANT
34 UNITS ARE ADAPTABLE TYPE 'B' COMPLIANT
TOTAL PARKING = 74, UNCOVERED
& 2 ARE ACCESSIBLE

PROJECT TEAM

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CIVIL

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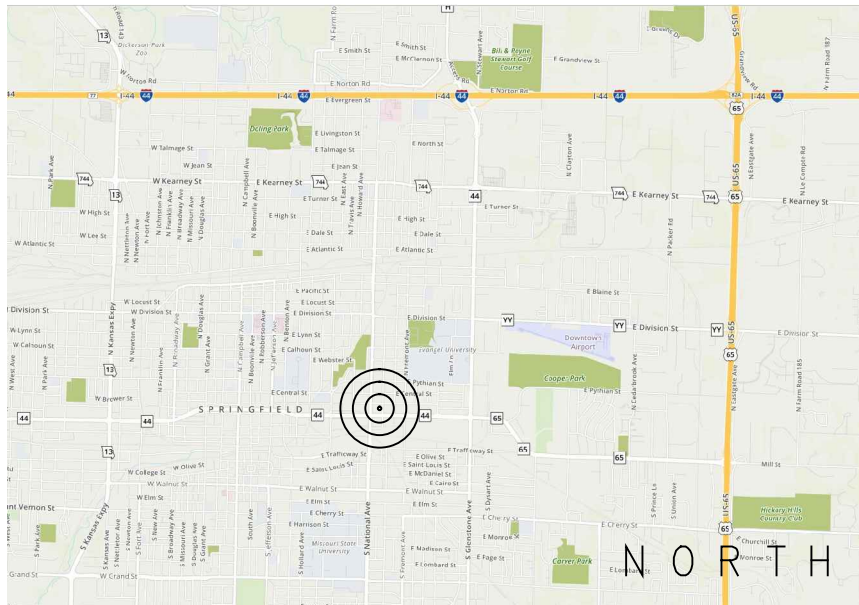
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FAX 870 932 0856

ISSUE DATE:

02.04.2019



LOCATION MAP

10 9 8 7 6 5 4 3 2 1

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G

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F

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E

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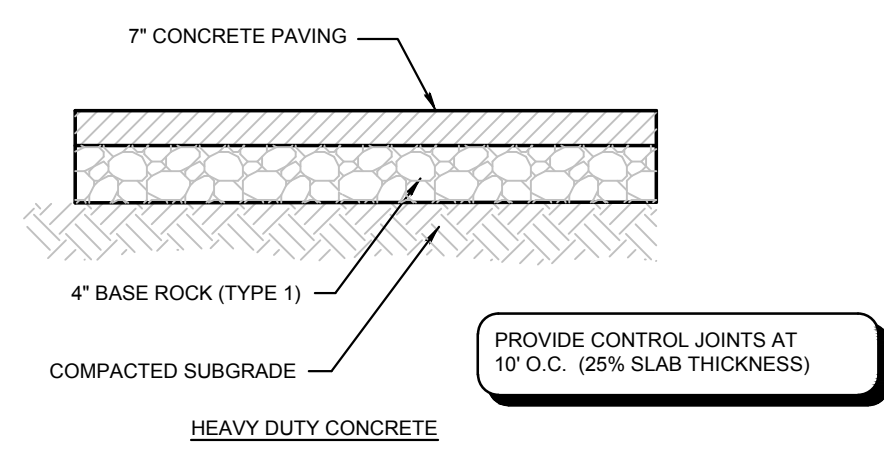
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B

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A

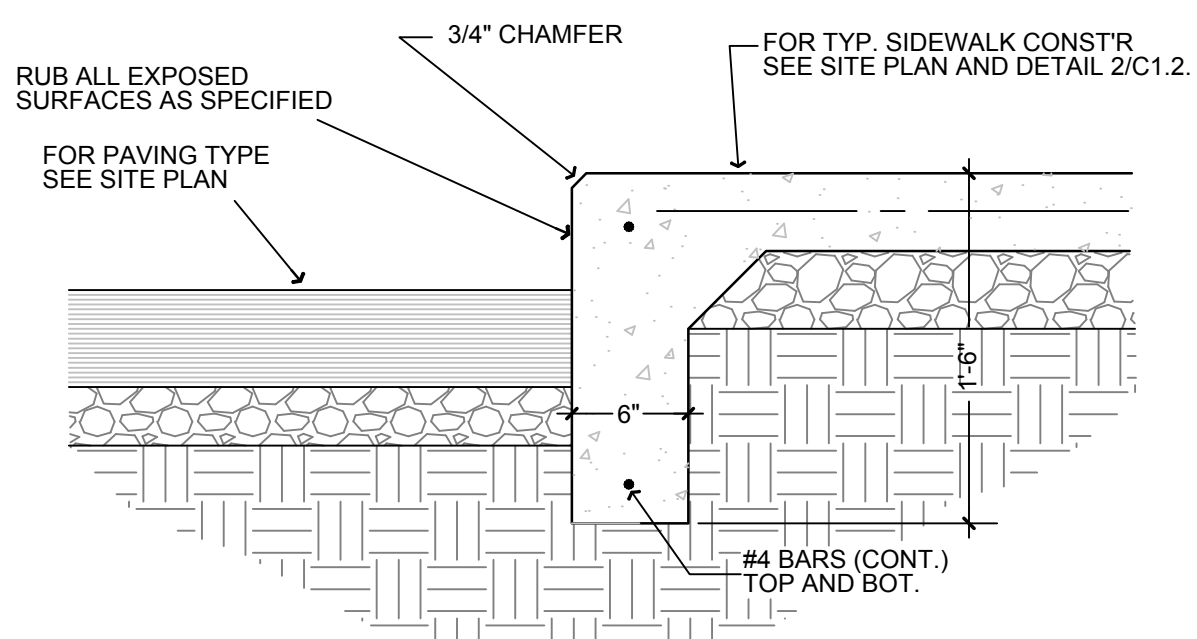
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- NOTES:
- SUBGRADE MUST BE STABLE AND HARD UNDER PROOF ROLLING WITH A FULLY LOADED TANDEM AXLE DUMP TRUCK PRIOR TO INSTALLING BASE ROCK.
 - SOILS MUST BE PLACED AND COMPACTED TO A MINIMUM OF 95% MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698 WITH MAXIMUM LOOSE LIFT OF 8".
 - THE MAXIMUM COMPACTED THICKNESS OF ANY ONE LAYER OF BASE ROCK MATERIAL SHALL NOT EXCEED 6 INCHES WITH EACH LIFT COMPACTED TO 100% OF MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698 (STANDARD PROCTOR).
 - CONCRETE PAVEMENTS SHOULD MEET THE REQUIREMENTS OF SECTION 502 OF THE MODOT STANDARD SPECIFICATIONS FOR PORTLAND CEMENT CONCRETE PAVEMENTS.
 - CARE MUST BE TAKEN TO DEVELOP POSITIVE DRAINAGE ACROSS AND FROM AROUND THE PAVEMENT EDGES. WATER ALLOWED TO POND ON OR ADJACENT TO PAVEMENTS WOULD INCREASE THE POTENTIAL FOR MOISTURE INTRUSION INTO THE SUBGRADE SOILS AND COULD RESULT IN PREMATURE PAVEMENT FAILURE.
 - A MAINTENANCE PROGRAM THAT INCLUDES SURFACE SEALING, JOINT CLEANING AND SEALING AND TIMELY REPAIR OF CRACKS AND DETERIORATED AREAS WILL HELP PRESERVE THE PAVEMENT LIFE.
 - 28 DAY COMPRESSIVE STRENGTH TO BE 4000 PSI.
 - THE BASE ROCK SHOULD MEET SECTION 1007 FOR TYPE V AGGREGATE OF THE MODOT STANDARD SPECIFICATIONS.

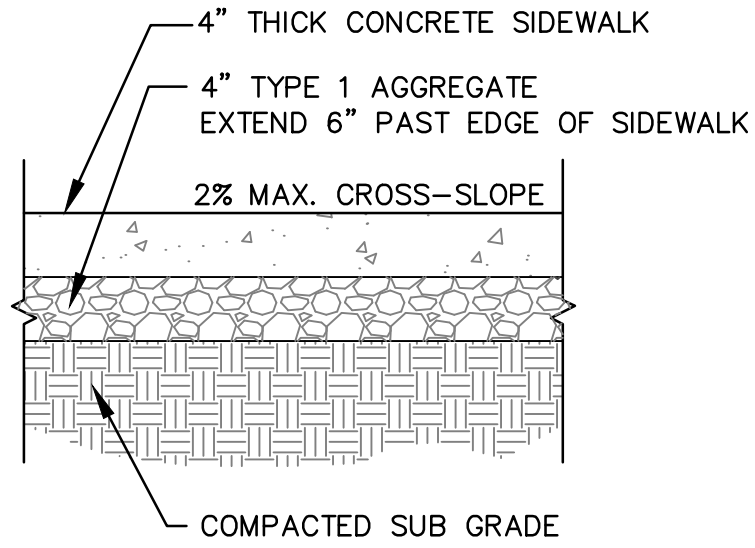
1 TRASH PAD HEAVY DUTY CONCRETE PAVEMENT

C1.2 SCALE: NOT TO SCALE



5 TURNDOWN SIDEWALK DETAIL

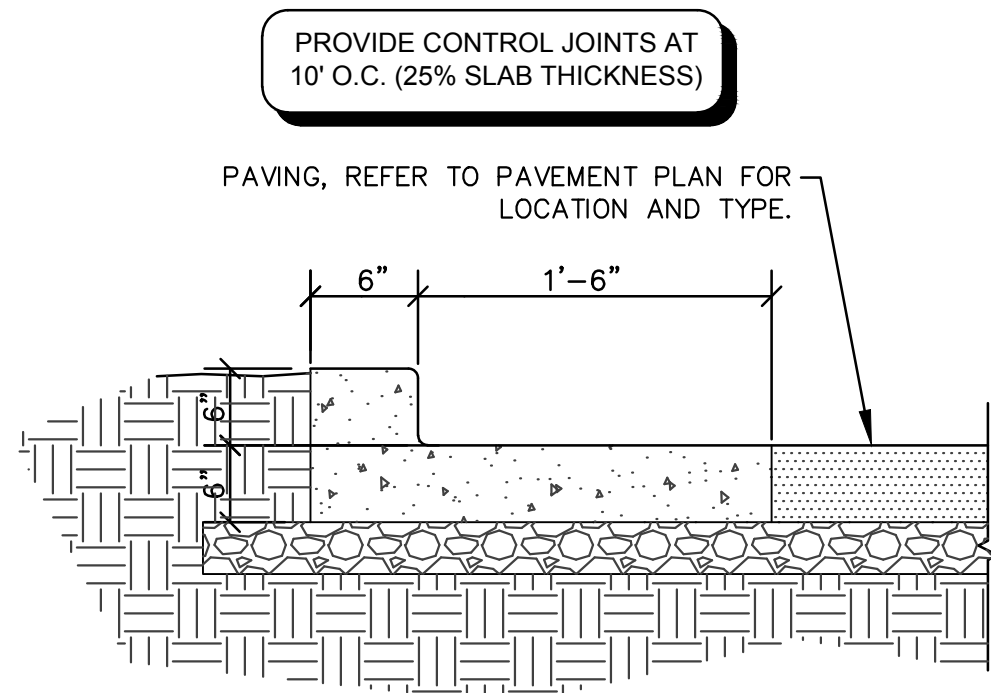
C1.1 SCALE: NOT TO SCALE



- NOTE:
- ALL SIDEWALKS ARE TO BE BUILT PER CITY OF SPRINGFIELD STANDARDS.
 - CONTROL JOINTS AT 5'-0" O.C.

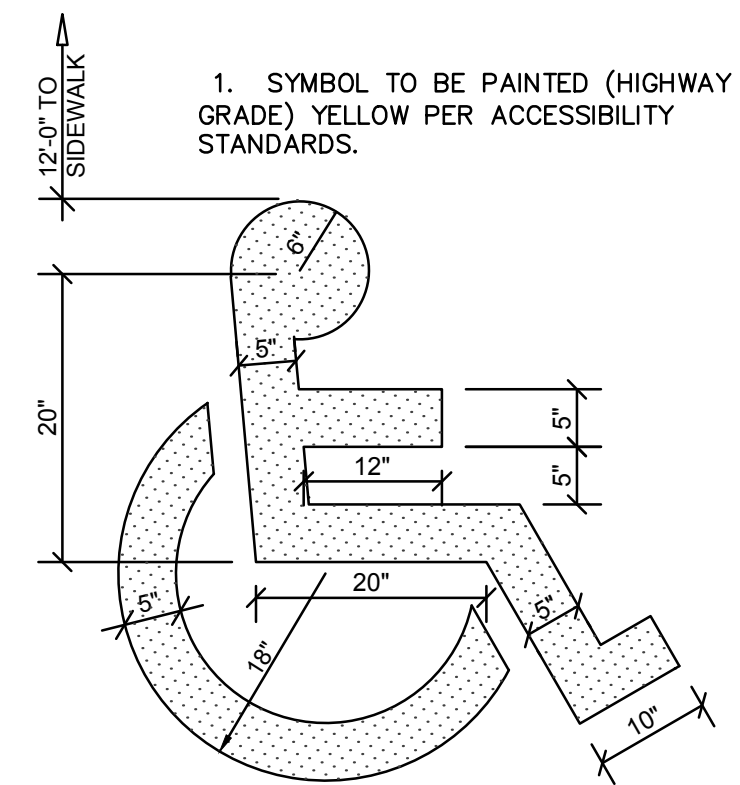
2 TYPICAL SIDEWALK CROSS-SECTION

C1.2 SCALE: NOT TO SCALE



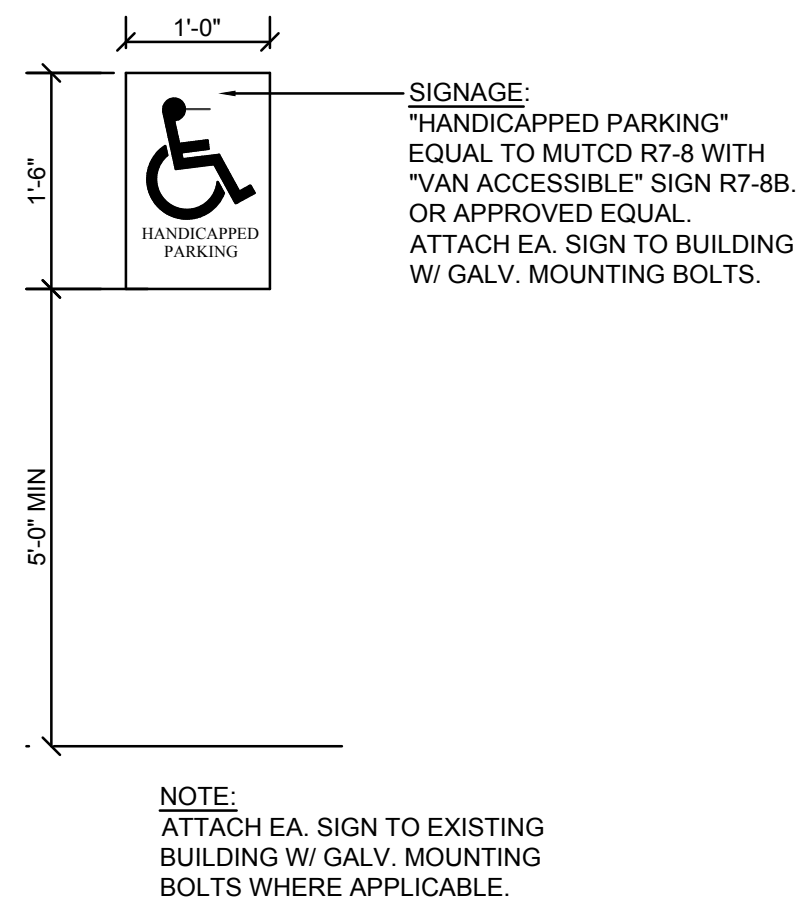
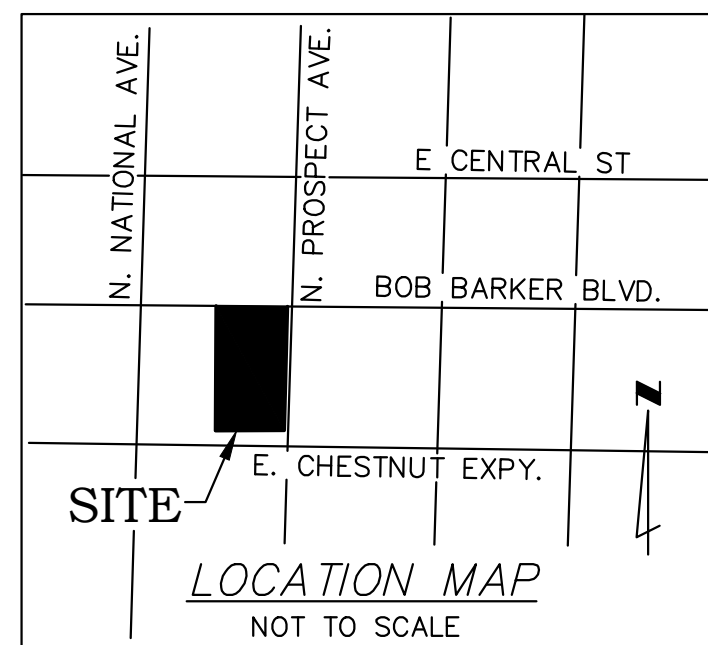
3 CURB AND GUTTER

C1.2 SCALE: NOT TO SCALE



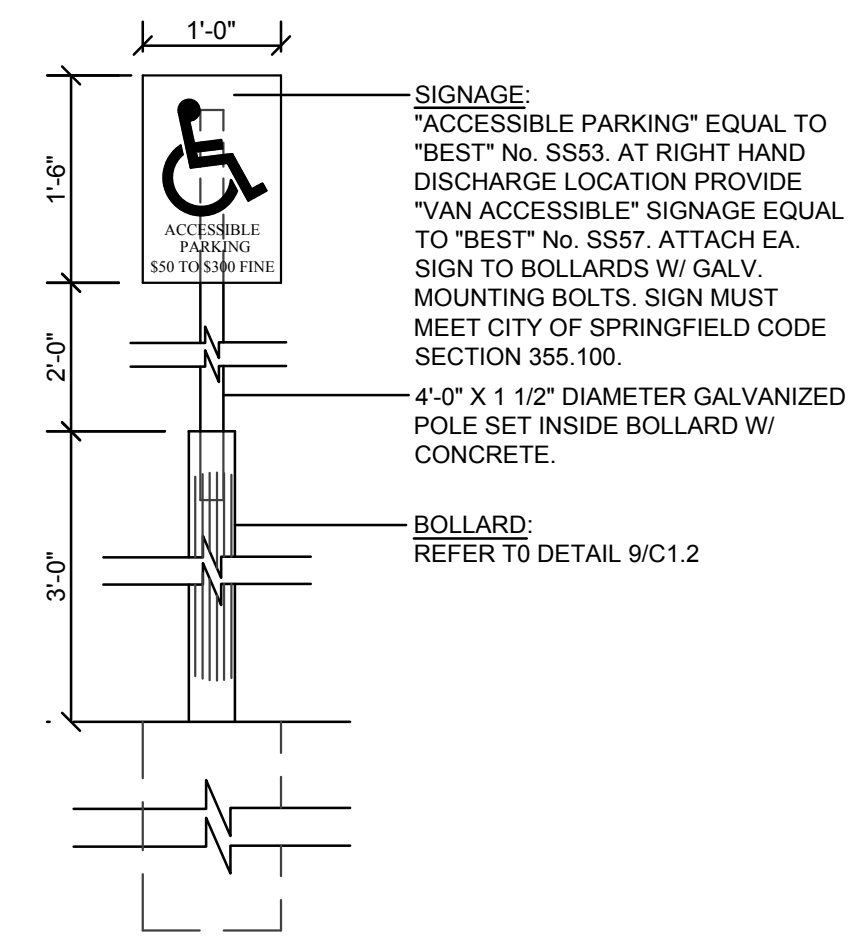
4 H.C. PARKING SYMBOL

C1.2 SCALE: NOT TO SCALE



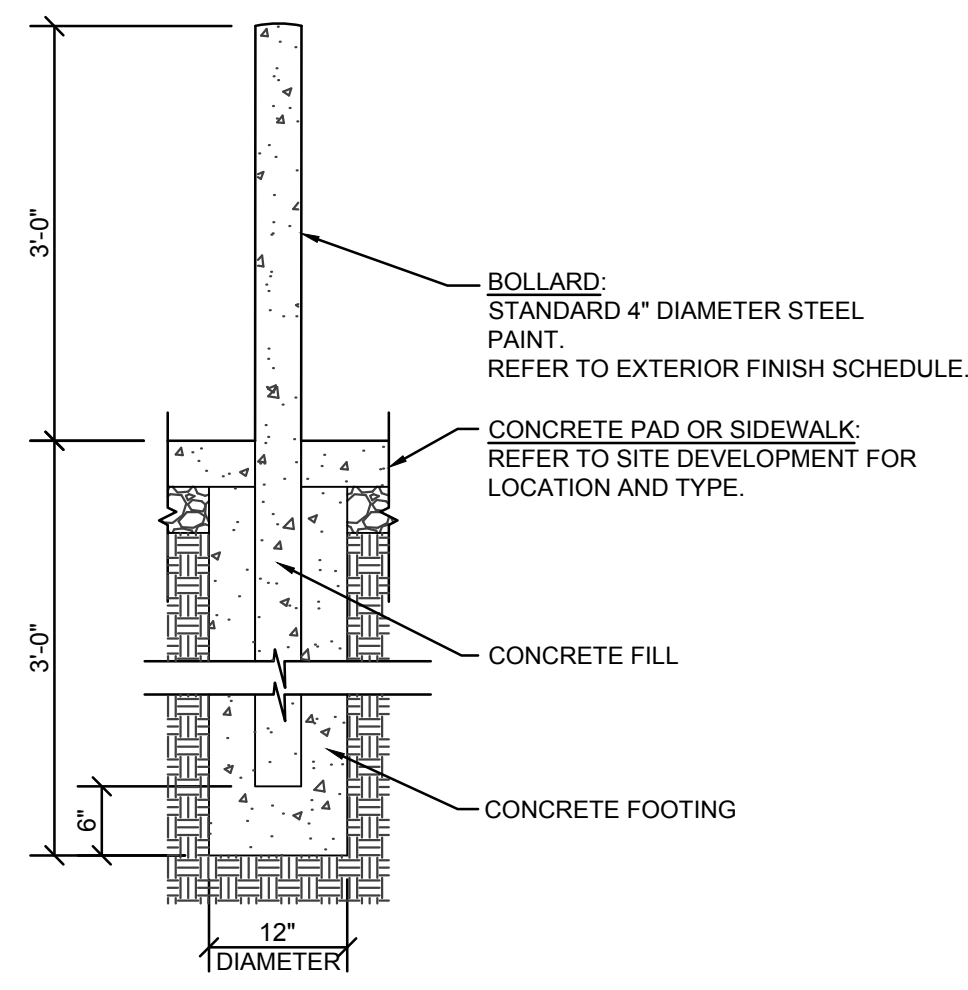
7 H.C. PARKING SIGNAGE WALL MOUNTED

C1.2 SCALE: NOT TO SCALE



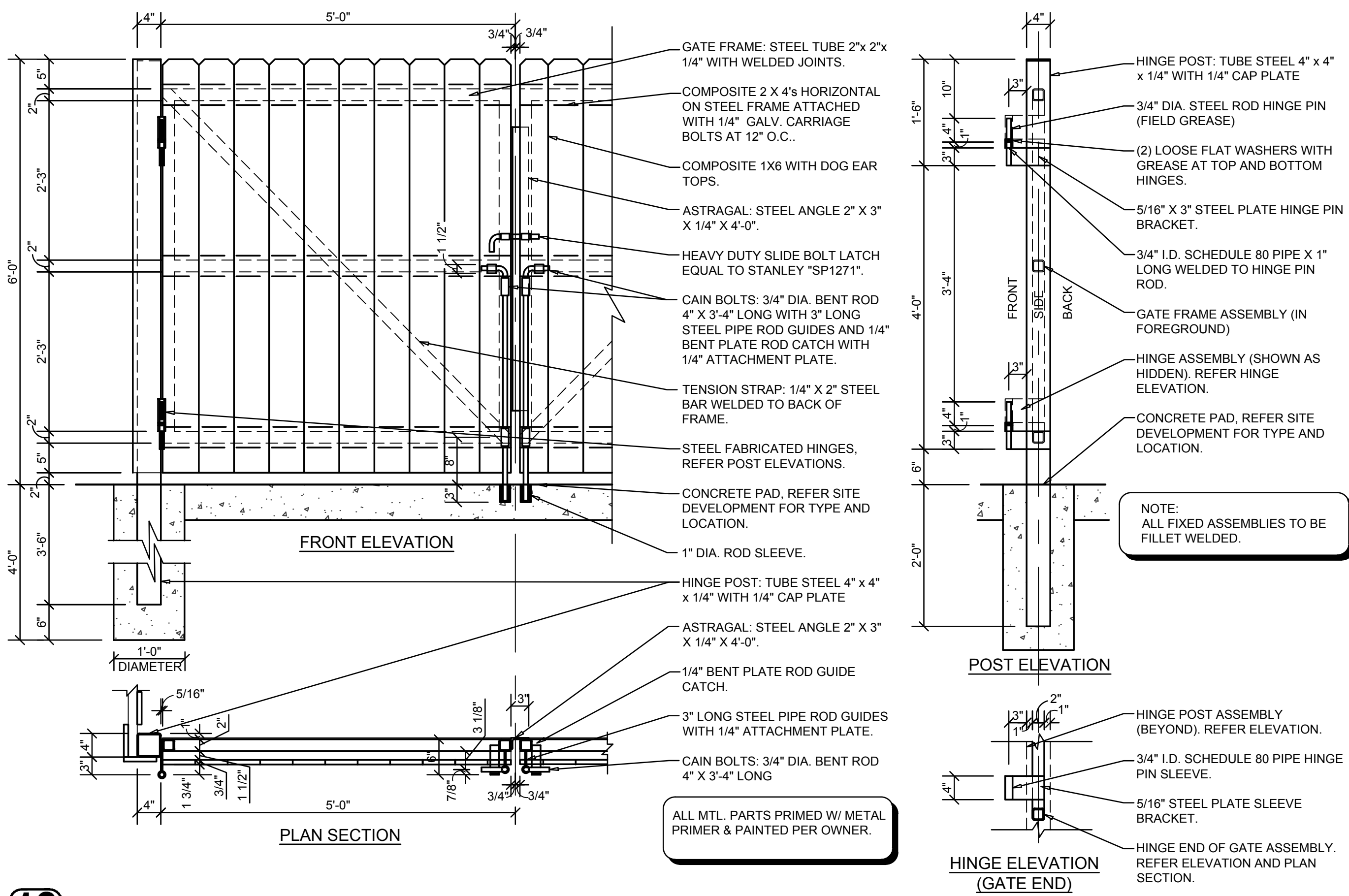
8 H.C. PARKING SIGNAGE POLE MOUNTED

C1.2 SCALE: NOT TO SCALE



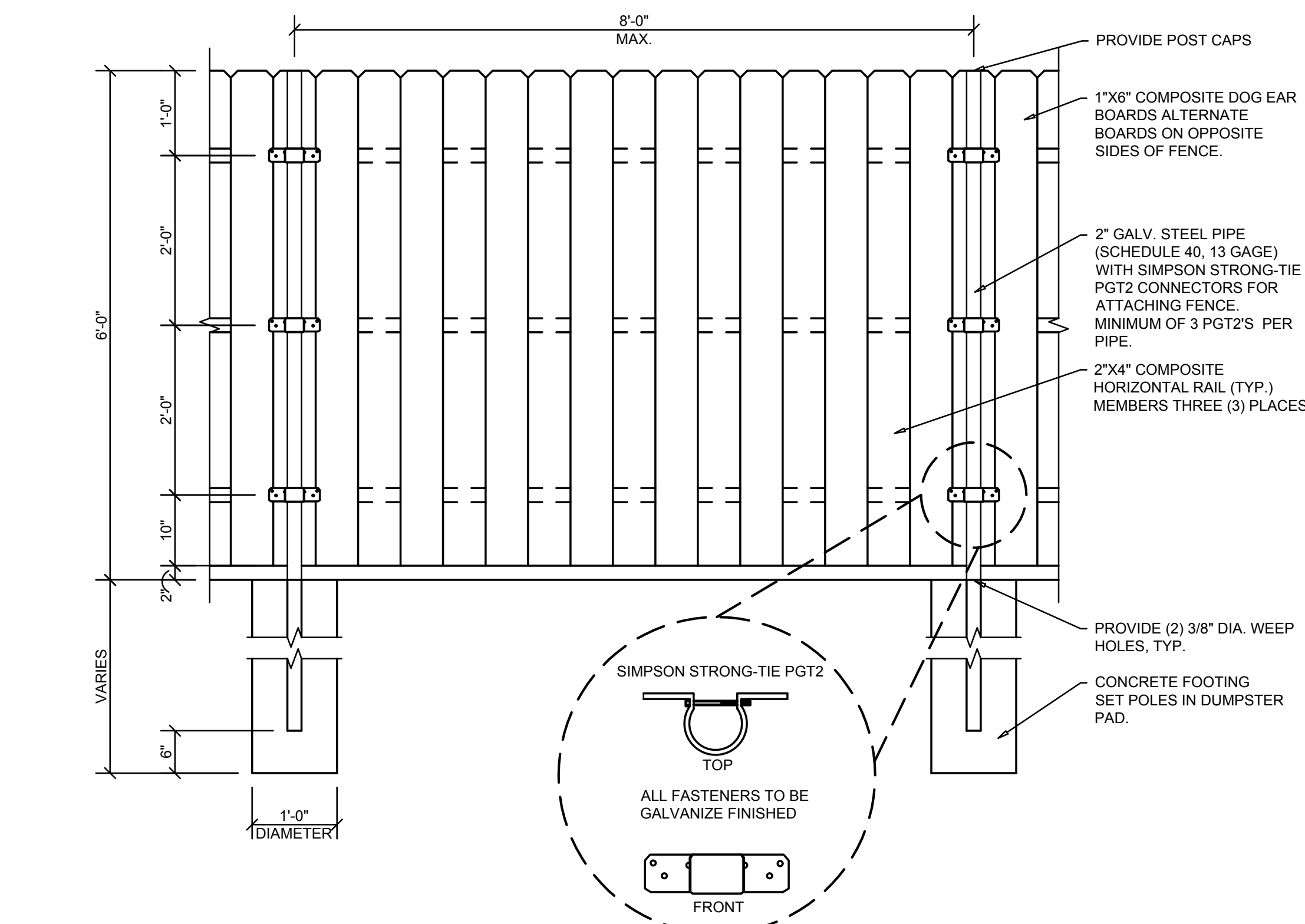
9 STEEL BOLLARD SECTION

C1.2 SCALE: NOT TO SCALE



10 COMPOSITE SCREEN FENCE GATE DETAIL

C1.2 SCALE: NOT TO SCALE



11 COMPOSITE SCREEN FENCE DETAIL

C1.2 SCALE: NOT TO SCALE

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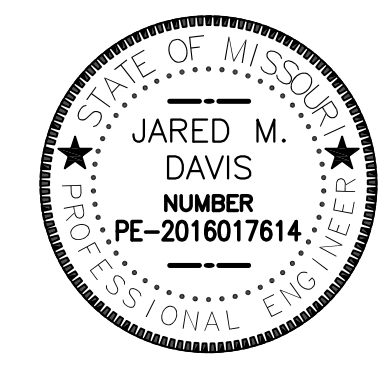
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SITE DETAILS

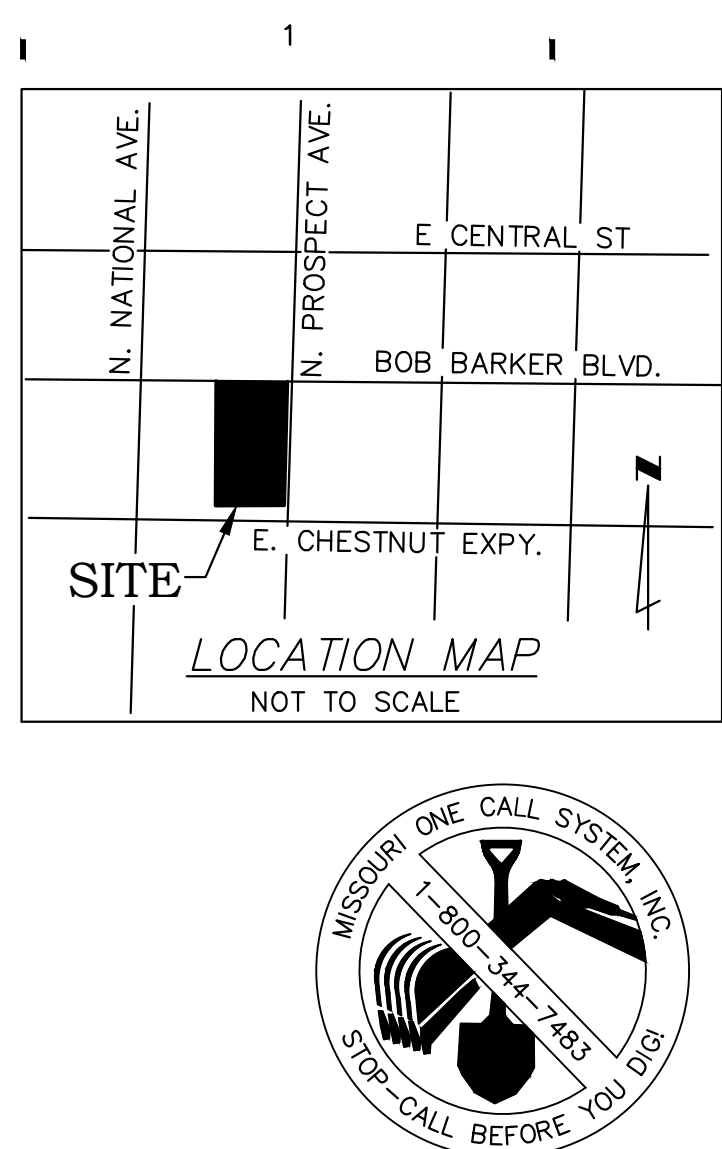
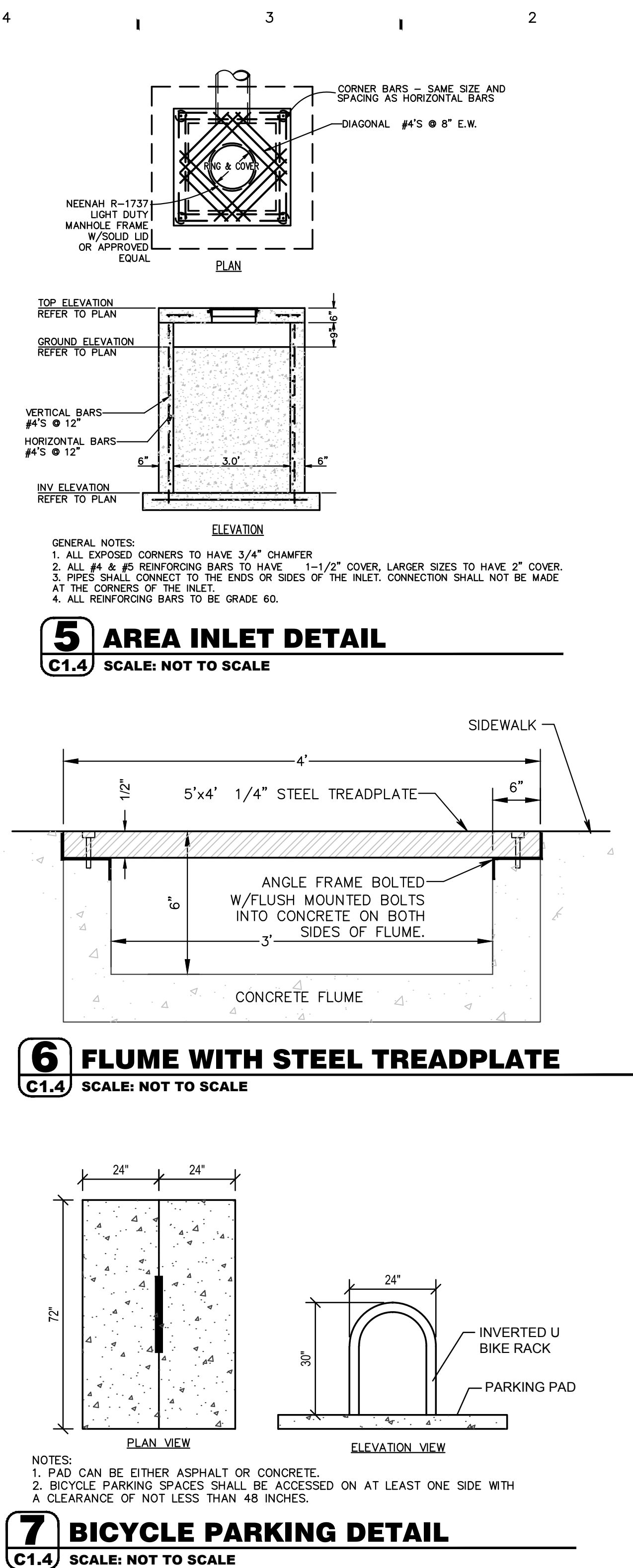
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2.4.2019
REVISIONS:

PROJECT NO.: 1817

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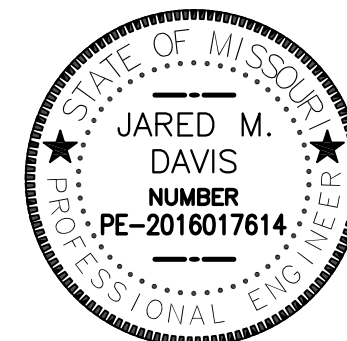
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SITE GRADING DETAILS

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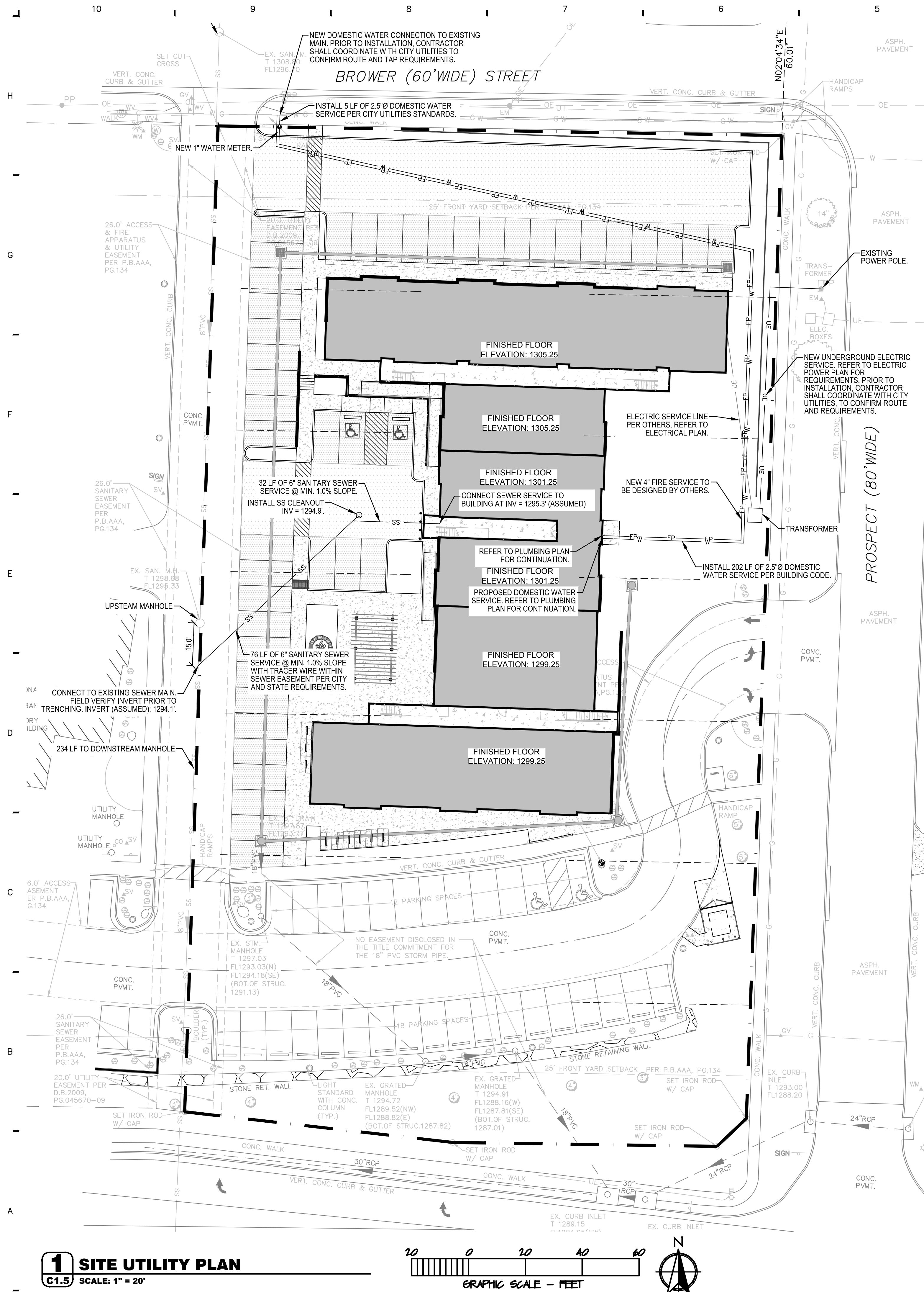
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REVISIONS:

PROJECT NO.: 1817

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UTILITIES INFORMATION:

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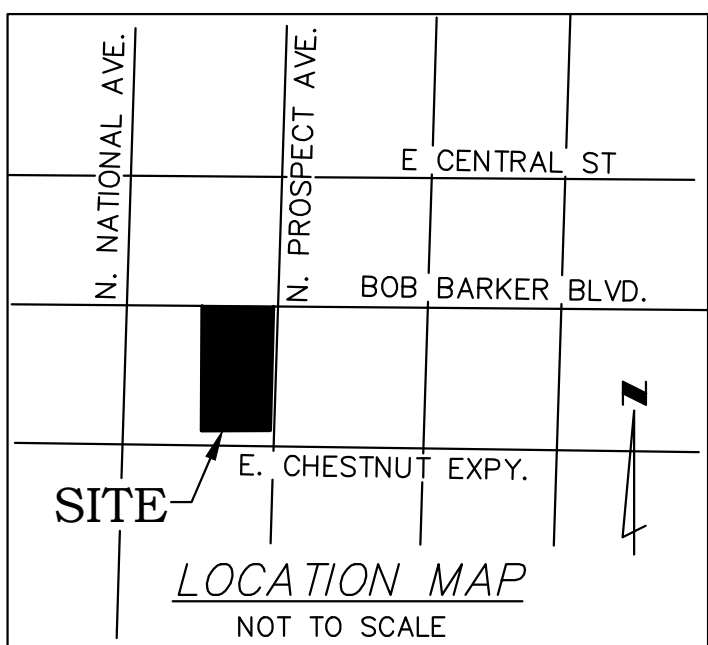
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SAWCUT NOTE:

WHERE NEW UTILITY SERVICES ARE ROUTED UNDER EXISTING PAVED AREAS, ALL EXISTING PAVING SHALL BE REMOVED IN THE FOLLOWING STEPS:
1) SAWCUTTING PAVING.
2) REMOVAL AND TRENCHING.
3) INSTALLATION OF UTILITY.
4) BACKFILL AND COMPACTION
5) INSTALLATION OF NEW PAVING THAT MATCHES THE EXISTING SURROUNDING PAVING IN BOTH MATERIAL AND ELEVATION.
OWNER/DEVELOPER SHALL COORDINATE, OBTAIN AND PAY FOR ALL REQUIRED PERMITS AND LICENSES TO PERFORM THIS WORK AND SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL WHILE PERFORMING SAWCUTTING OPERATIONS AS NECESSARY.

CONTRACTOR NOTE:

CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES FOR DEMOLITION OF EXISTING UTILITIES TO EXISTING STRUCTURE TO BE DEMOLISHED. EXISTING UTILITY TAPS SHALL BE USED IF FOUND TO BE IN GOOD CONDITION.



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CAUTION:
INFORMATION ON THIS DRAWING CONCERNING TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES IS NOT GUARANTEED TO BE ACCURATE OR ALL INCLUSIVE. THE CONTRACTOR IS RESPONSIBLE FOR MAKING HIS OWN DETERMINATION AS TO THE TYPE AND LOCATION OF UNDERGROUND AND OTHER UTILITIES AS MAY BE NECESSARY TO AVOID DAMAGE THERETO.

SAFETY NOTICE TO CONTRACTOR

- IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE SOLELY AND COMPLETELY RESPONSIBLE FOR CONDITIONS OF THE JOB SITE, INCLUDING SAFETY OF ALL PERSONS AND PROPERTY DURING PERFORMANCE OF THE WORK. THIS REQUIREMENT WILL APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS.
- THE DUTY OF THE ENGINEER OR OWNER TO CONDUCT CONSTRUCTION REVIEW OF THE CONTRACTOR'S PERFORMANCE IS NOT INTENDED TO INCLUDE REVIEW OF THE ADEQUACY OF THE CONTRACTOR'S SAFETY MEASURES IN, ON, OR NEAR THE CONSTRUCTION SITE.

CONTRACTOR CAUTION!! VERIFY SEWER LINE ELEVATION

BEFORE STARTING ANY BUILDING PAD GRADING AND PLUMBING WORK THE CONTRACTOR SHALL FIELD VERIFY LOCATION, MATERIAL, CONDITION, ACCESSIBILITY (INCLUDING STATE HIGHWAY OR OTHER RIGHTS-OF-WAY) AND WORKABLE FLOW LINE ELEVATION OF THE EXISTING SANITARY SEWER SERVICE LINE OR MAIN.

IF A WORKABLE FLOW LINE HAS NOT BEEN ESTABLISHED AT THE TIME OF FINAL SANITARY SEWER SERVICE CONNECTION, THEN THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL EXPENSES ASSOCIATED WITH THE INSTALLATION OF A NEW GRINDER PUMP SYSTEM TO MEET OWNER AND LOCAL REQUIREMENTS.

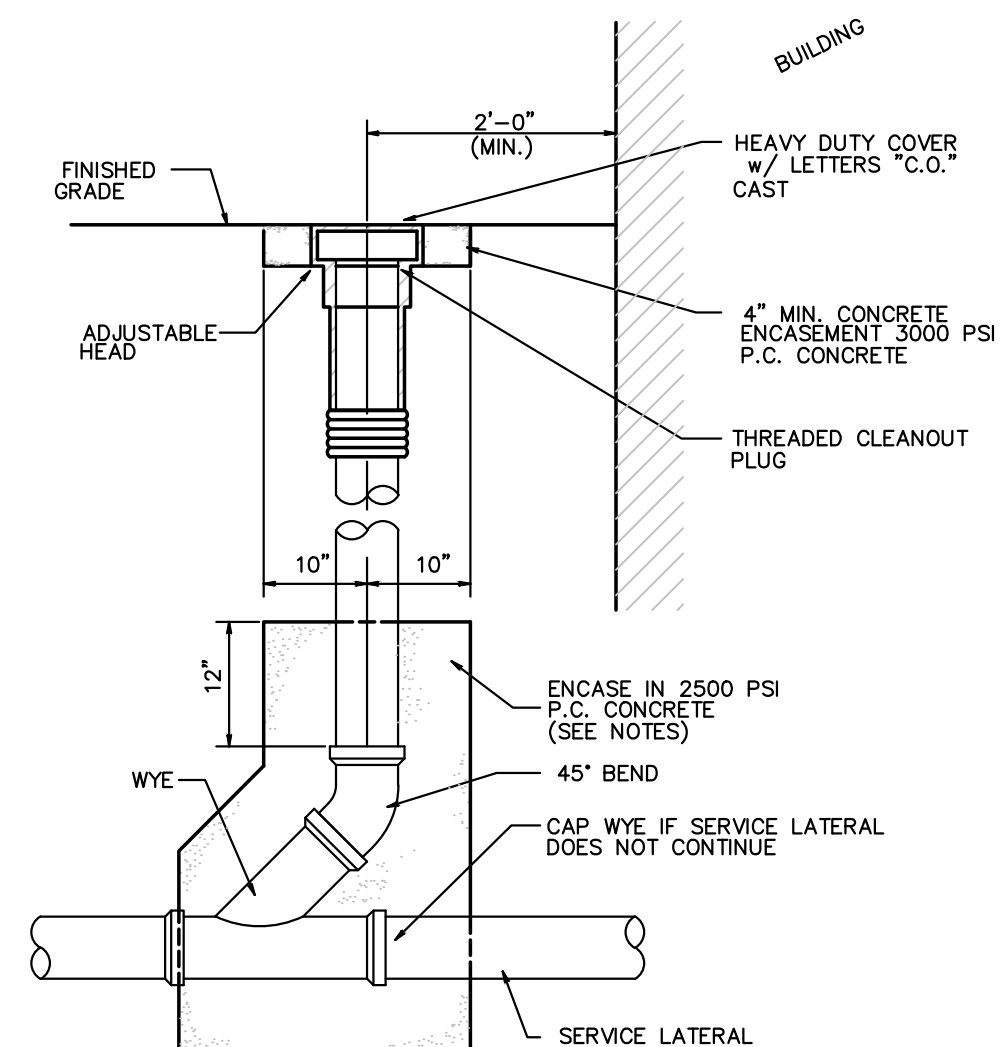
IT IS THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND MOVE ANY AFFECTED UTILITIES. THE ENGINEER DOES NOT GUARANTEE THAT ALL UTILITIES ARE SHOWN ON THESE PLANS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO CONTACT THE CITY OF SPRINGFIELD, MO OR OTHER SUPPLIERS OF UTILITIES AND ARRANGE FOR ANY NECESSARY MODIFICATIONS REQUIRED TO FACILITATE CONSTRUCTION ACTIVITIES.

SPECIAL NOTE:

CONTRACTOR TO PERFORM DETAILED SITE INSPECTION TO LOCATE ALL EXISTING UTILITIES AND VERIFY ANY POSSIBLE CONFLICTS WITH PROPOSED IMPROVEMENTS PRIOR TO BEGINNING ANY CONSTRUCTION. CONTACT ENGINEER WITH ANY CONFLICTS.

UTILITY GENERAL NOTES

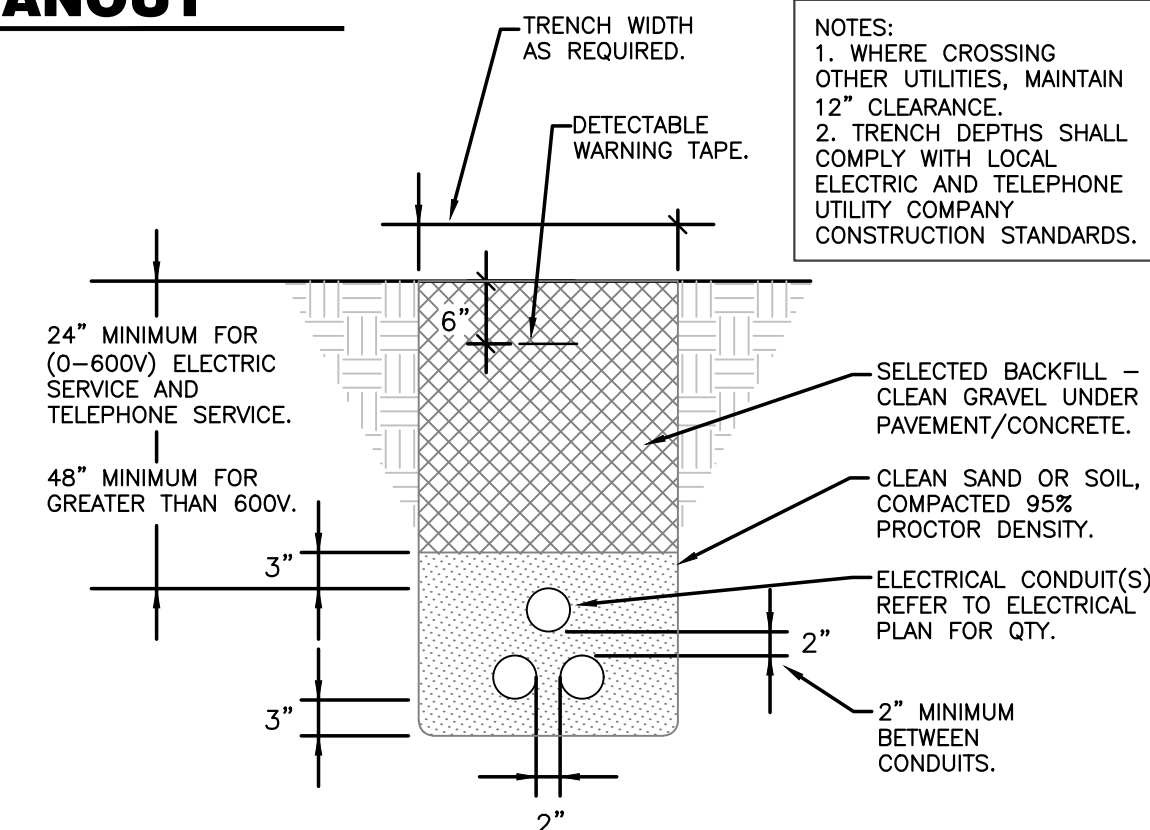
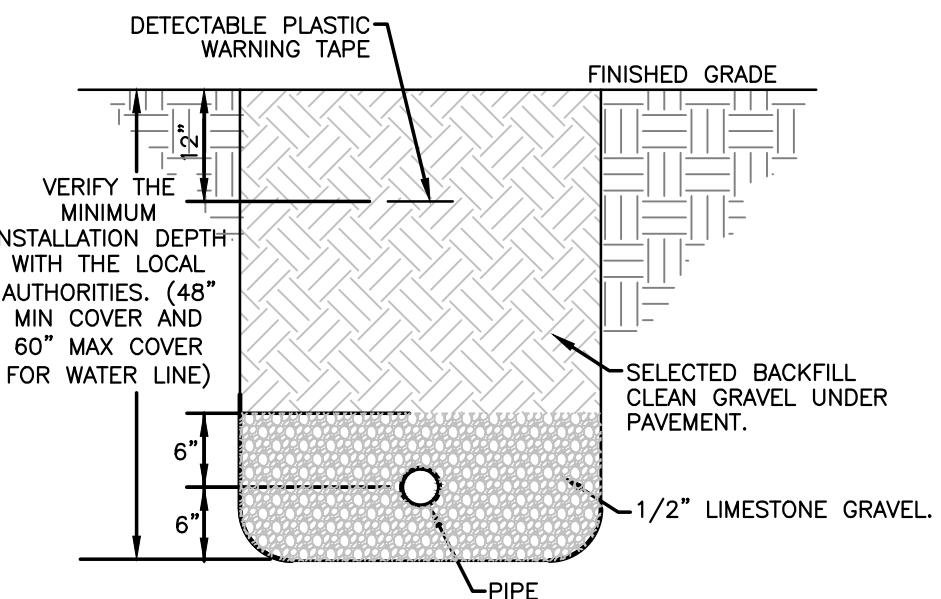
- WATER LINES SHALL HAVE A MIN. 10 FEET HORIZONTAL CLEARANCE AND 18 INCHES VERTICAL CLEARANCE (MEASURED FROM EDGE OF PIPE TO EDGE OF PIPE) FROM ALL SANITARY SEWER LINES.
- WATER LINES SHALL HAVE A MINIMUM OF 48 INCHES OF COVER, UNLESS OTHERWISE NOTED, MEASURED FROM THE TOP OF FINISHED GROUND TO THE TOP OF PIPE.
- THERE SHALL BE A MINIMUM OF 18 INCHES CLEARANCE MEASURED FROM THE BOTTOM OF ANY STORMWATER PIPE TO THE TOP OF WATER LINES AT ALL CROSSING.
- AT WATER AND SANITARY SEWER CROSSINGS, THE FULL LENGTH OF WATER PIPE SHALL BE LOCATED SO BOTH JOINTS WILL BE AS FAR FROM SEWER AS POSSIBLE. SPECIAL STRUCTURAL SUPPORT FOR THE WATER AND SEWER PIPES MAY BE REQUIRED.
- THE GENERAL CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID PROPERTY DAMAGE TO ADJACENT PROPERTIES DURING THE CONSTRUCTION PHASES OF THIS PROJECT.
- CONTRACTOR IS TO REMOVE AND DISPOSE OF ALL DEBRIS, RUBBISH AND OTHER MATERIALS RESULTING FROM DEMOLITION OPERATIONS. DISPOSAL WILL BE IN ACCORDANCE WITH ALL LOCAL, STATE AND/OR FEDERAL REGULATIONS GOVERNING SUCH OPERATIONS.
- NOTICE TO CONTRACTOR PRIOR TO INSTALLATION OF WATER LINE, THE CONTRACTOR SHALL EXCAVATE, VERIFY, AND CALCULATE ALL CROSSINGS AND INFORM THE OWNER AND ANDERSON ENGINEERING OF ANY CONFLICTS PRIOR TO CONSTRUCTION.
- COORDINATE ALL CONSTRUCTION WITH THE CITY OF SPRINGFIELD. ALL SANITARY SEWER AND WATER LINE CONSTRUCTION MUST COMPLY WITH THE CITY OF SPRINGFIELD, MO STANDARDS.



- NOTE:
- ALL LATERALS SHALL HAVE A ONE-WAY CLEAN-OUT EVERY 50' OR A TWO-WAY CLEAN-OUT EVERY 100'.
 - IF THE SERVICE LATERAL IS LESS THAN 12' DEEP, THE CONCRETE ENCASEMENT IS NOT REQUIRED.

2 SANITARY SEWER CLEANOUT C1.5 SCALE: NOT TO SCALE

3 PIPE INSTALLATION DETAIL C1.5 SCALE: NOT TO SCALE



4 UNDERGROUND ELECTRICAL CONDUITS C1.5 SCALE: NOT TO SCALE

NEW UTILITIES SYMBOLS	
(SYMBOLS APPLY ONLY WHEN USED ON DRAWINGS)	
— G —	GAS SERVICE
— W —	WATER SERVICE
— FS —	FIRE SERVICE
— SS —	SANITARY SEWER SERVICE
— UGE —	U/G ELECTRIC
— UT —	U/G PHONE
— T —	U/G PHONE (BY PHONE CO.)
— OHE —	OVERHEAD ELECTRIC
— OHT —	OVERHEAD PHONE
— FO —	FIBER OPTIC CABLE
	SAW CUT
	BORE
P.O.C. = POINT OF CONNECTION BETWEEN SITE PIPING (SPEC 33 00 00) AND BUILDING PIPING (SPEC 22 00 00, 21 13 13). AS NECESSARY - SPEC 22 00 00 DENOTES LANDSCAPE IRRIGATION.	

Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

SEAL
CIVIL ENGINEER - JARED M. DAVIS
PE# 2016017614

STATE OF MISSOURI
JARED M. DAVIS
NUMBER
PE-2016017614
PROFESSIONAL ENGINEER

SITE UTILITY PLAN

ISSUE DATE:

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REVISIONS:

PROJECT NO.: 1817

C1.5

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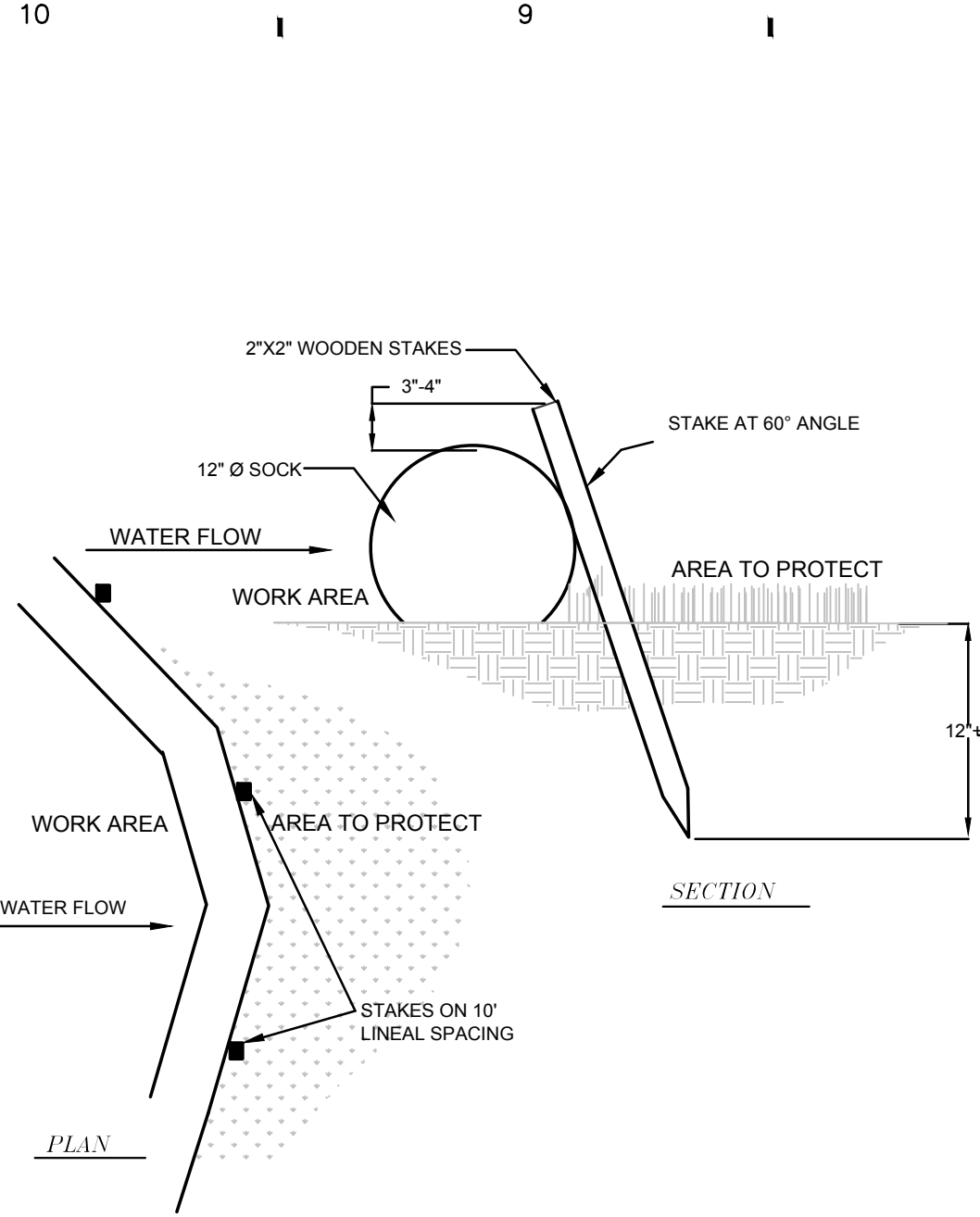
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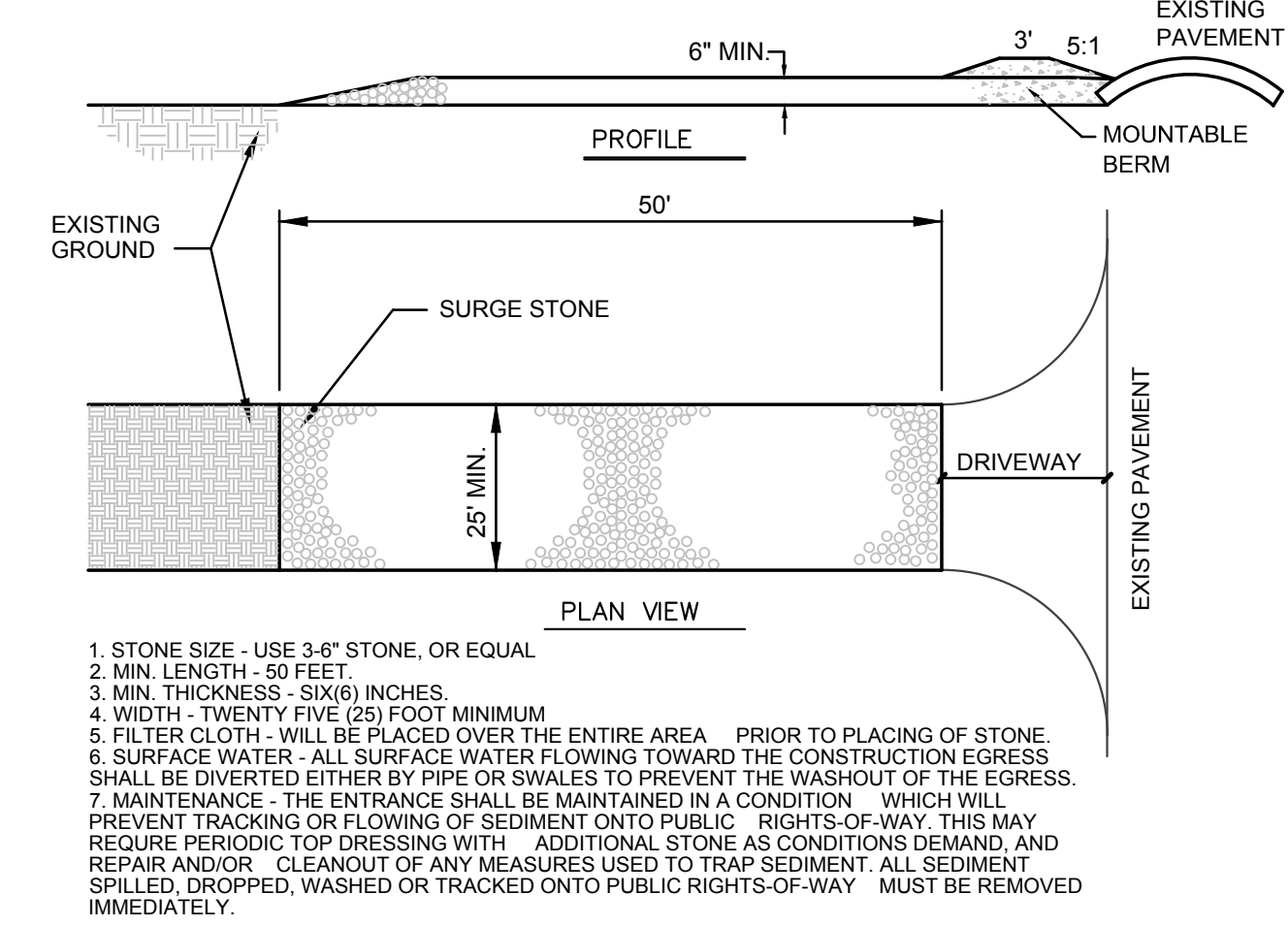
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	EXISTING GRADE LINES
	PROPOSED GRADE LINES
	LIMITS OF DISTURBED AREA
	SILT FENCE
	CONCRETE WASHOUT
	PORTABLE TOILET
	DUMPSTER

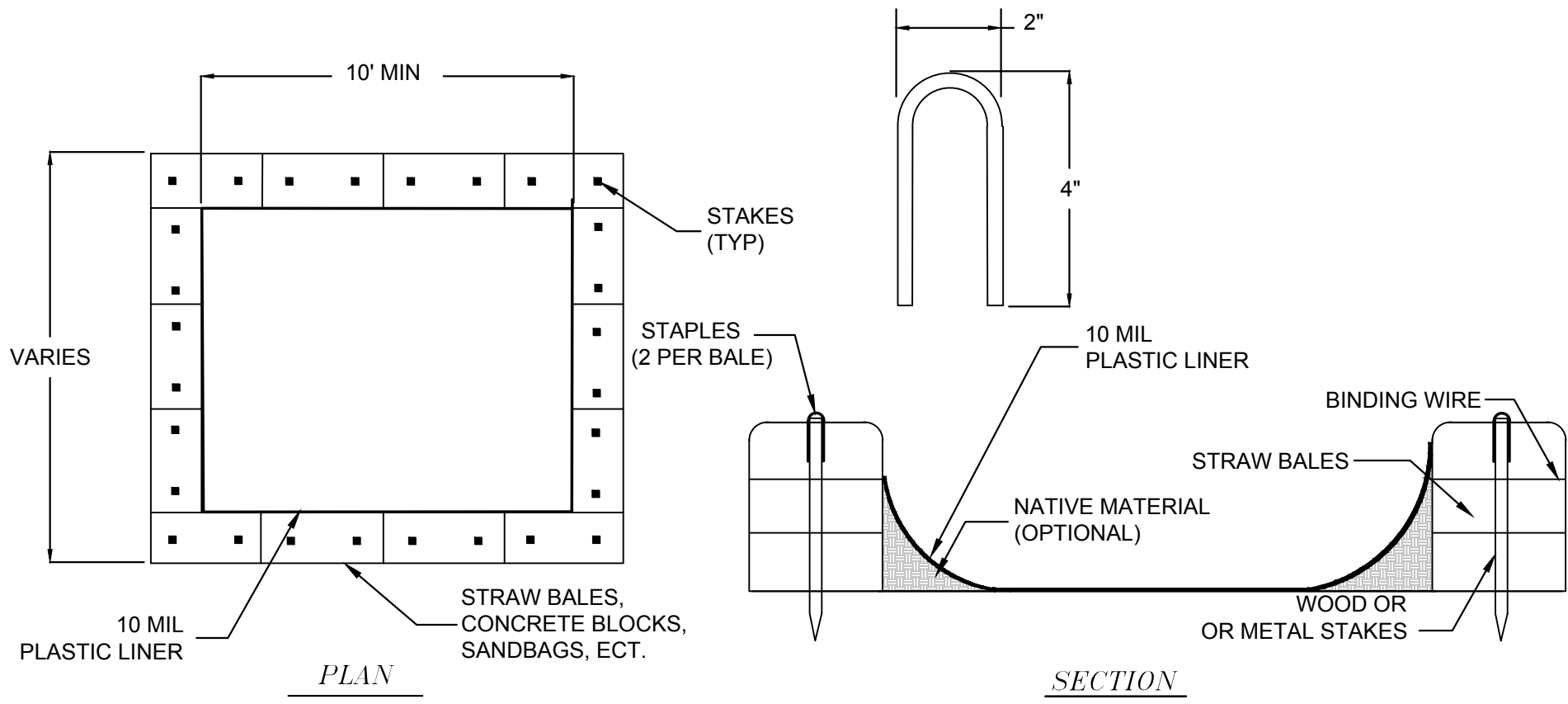
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1 COMPOST FILTER SOCK
C1.7 SCALE: NOT TO SCALE

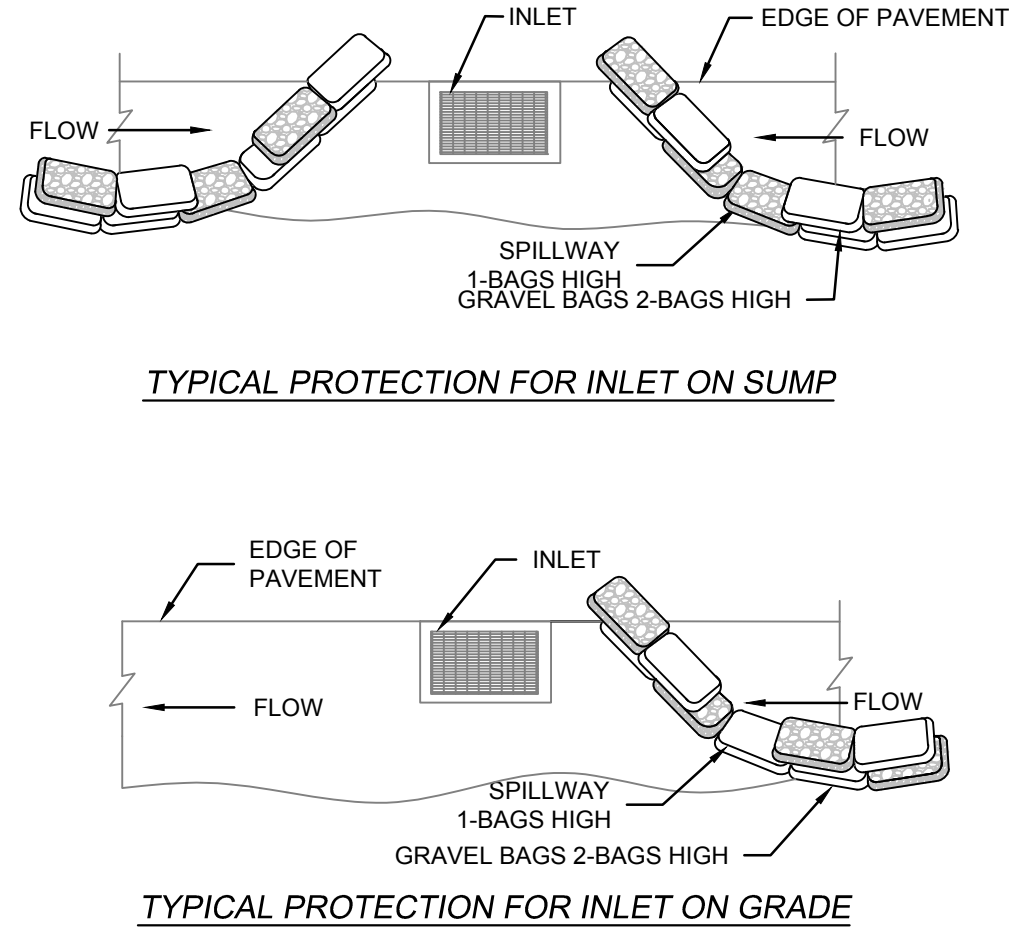


2 CONSTRUCTION EGRESS DETAIL
C1.7 SCALE: NOT TO SCALE

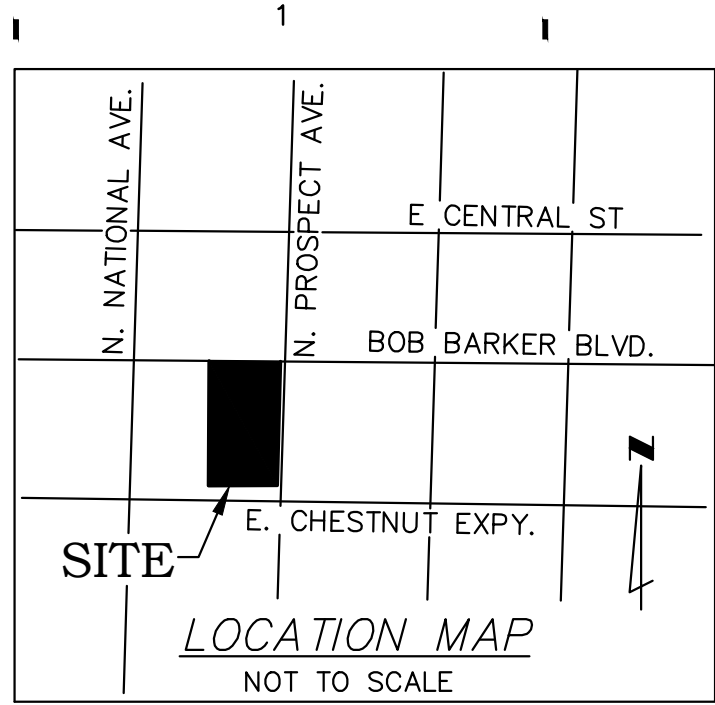


- NOTES:
1. ACTUAL LAYOUT DETERMINED IN FIELD
 2. THE CONCRETE WASHOUT SIGN SHALL BE INSTALLED WITHIN 30 FT. OF THE TEMPORARY CONCRETE WASHOUT FACILITY

3 CONCRETE WASHOUT
C1.7 SCALE: NOT TO SCALE



4 INLET PROTECTION
C1.7 SCALE: NOT TO SCALE



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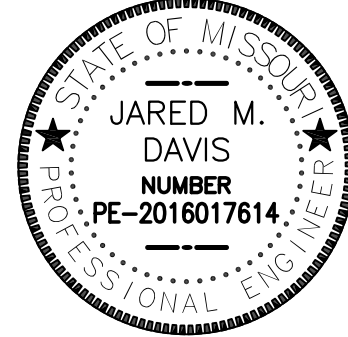
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PE# 2016017614



STORMWATER
POLLUTION
PREVENTION
DETAILS

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C1.7

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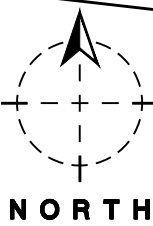
NORTH NATIONAL AVE.

EXISTING
ARVEST
BANK
SITE

A2

SITE PLAN
SCALE: 1" = 20 FT

CHESTNUT EXPRESSWAY



BROWER STREET

NORTH PROSPECT AVE.

KEY NOTES

1. CONCRETE STEPS. RE: C&S/PL2
2. RETAINING WALL. RE: CIVIL
3. TRASH ENCLOSURE. RE: CIVIL
4. FIRE PIT. RE: EIO/SP12
5. MAILBOXES. RE: AIO/SP12
6. WOOD TRELLIS. RE: A2/SP12
7. LIGHT POLE. RE: ELECTRICAL

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MO. LICENSE NO. A-6972



SITE PLAN

ISSUE DATE:

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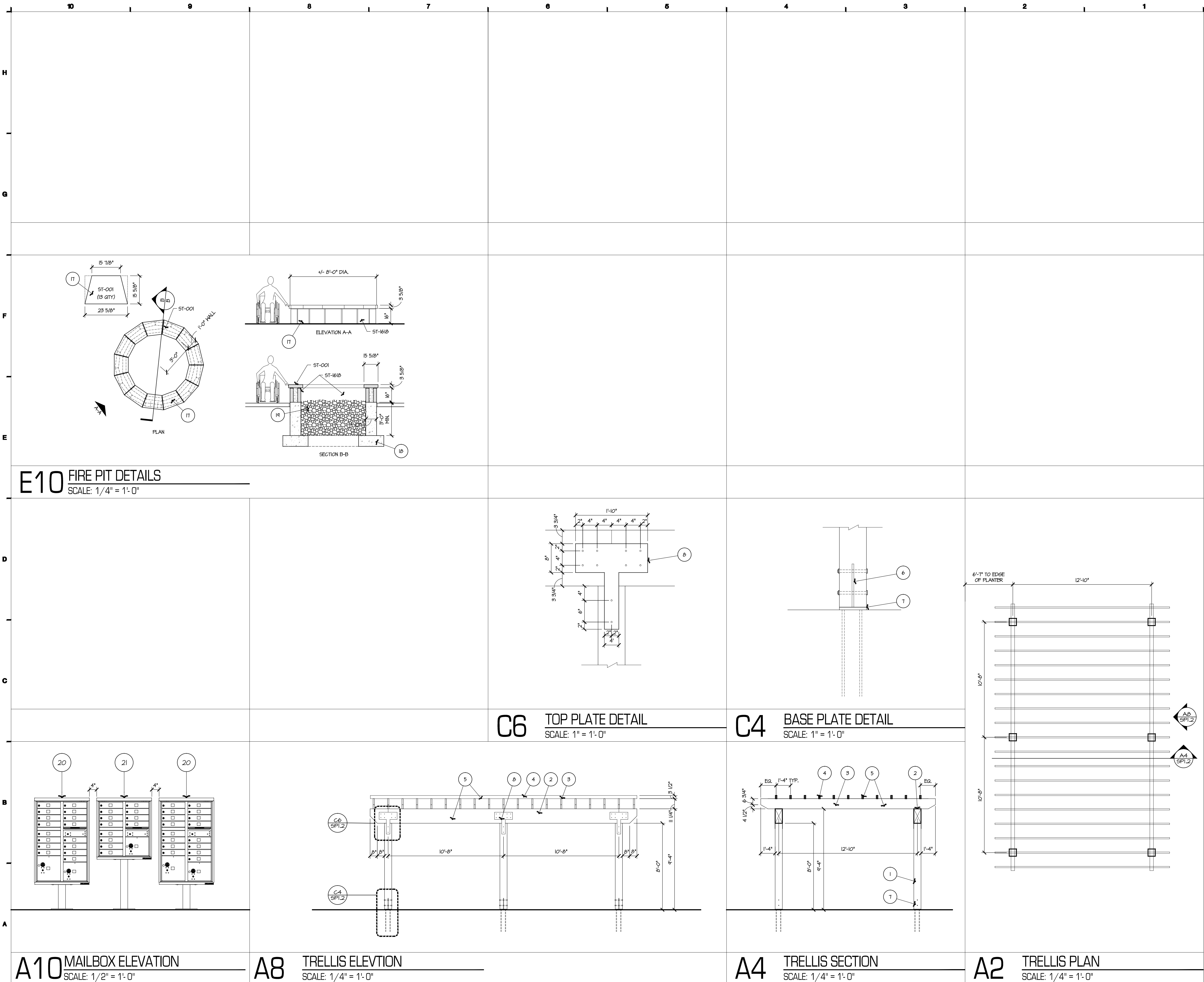
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KEY NOTES

1. 8"x8" CEDAR COLUMN.
2. 8"x16" CEDAR BEAM.
3. 2"x12" CEDAR @ 16" O.C., TOE NAIL INTO BEAM W/ GALV. NAILS.
4. 2"x4" CEDAR @ 16" O.C., TOE NAIL INTO 2 X 12 W/ GALV. NAILS.
5. INSTALL CLEAR SEALER ON ALL CEDAR MEMBERS.
6. 1/2" X 1 1/2" X 12" GALV. PLATE, SHOP WELDED TO TOP OF BASE PLATE W/ (2) 5/4" DIA. GALV. THRU BOLTS.
7. 3/4" X 1 1/2" X 1 1/2" GALV. BASE PLATE W/ (4) 5/8" DIA. X 2'-0" LONG THREADED ROD ANCHORS WELDED TO BOTTOM OF PLATE, EMBED IN FOUNDATION FOOTING.
8. 1/4" GALVANIZED STEEL "I" PLATE EACH SIDE W/ 3/4" DIA. GALV. THRU BOLT, TYP.
9. 16" TALL GATE BOLT, PROVIDE HOLE IN CONCRETE. PROVIDE 1 FOR EACH GATE PAINT.
10. 6" DIA. CONCRETE FILLED STEEL BOLLARD @ 4'-0" TALL. PAINT, EMBED 3'-0" DEEP CONCRETE CONCRETE.
11. 6'-0" TALL VINYL FENCING SCREWED TO FRAMING, COLOR AS SELECTED BY ARCHITECT.
12. 2x4 TREATED WOOD FENCE FRAMING.
13. HSS 1 1/2" X 1 1/2" X 5/16" STEEL TUBE GATE FRAMING, ALL CONNECTIONS FULLY WELDED, GRIND WELDS SMOOTH. PAINT: SCREW VINYL FENCING TO STEEL TUBING W/ 2" SELF DRILLING TEK #5 SCREWS, PROVIDE 4. INSTALL 3 HEAVY DUTY HINGES ON EACH GATE.
14. HSS 3 1/2" X 3 1/2" X 5/16" TUBE STEEL POST SET IN MIN. 3'-0" DEEP CONCRETE. CAP POST W/ STEEL PLATE. PAINT: SCREW FRAMING TO STEEL POST W/ 3" SELF DRILLING TEK #5 SCREWS. PAINT.
15. REINFORCED CONCRETE SLAB, RE. CIVIL.
16. MODIFY EXISTING CURBING, RE. CIVIL.
17. MASONRY FIRE PIT WALLS & WALL CAPS, DIMENSIONAL STONE MACHINE MADE UNITS AS MFG. BY ROCKCAST, COLOR AS SELECTED BY ARCHITECT. FIELD CUT UNITS AS NECESSARY TO PRODUCE INDICATED GEOMETRY. FILL SOLID ALL VOIDS W/ MORTAR CREATED BY MASONRY UNITS.
18. CONCRETE FOOTING, RE. STRUCTURAL.
19. GRAVEL BASE.
20. FLORENCE CORPORATION CLUSTER MAIL BOX - VITAL 1810-16, COLOR POSTAL GREY, NUMBERING OF MAILBOX PER THE REQUIREMENTS OF THE LOCAL POSTAL SERVICE.
21. FLORENCE CORPORATION CLUSTER MAILBOX - VITAL 1810-12, COLOR POSTAL GREY, NUMBERING OF THE MAILBOX PER THE REQUIREMENTS OF THE LOCAL POSTAL SERVICE.



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COURTYARD
DETAILS &
ELEVATIONS

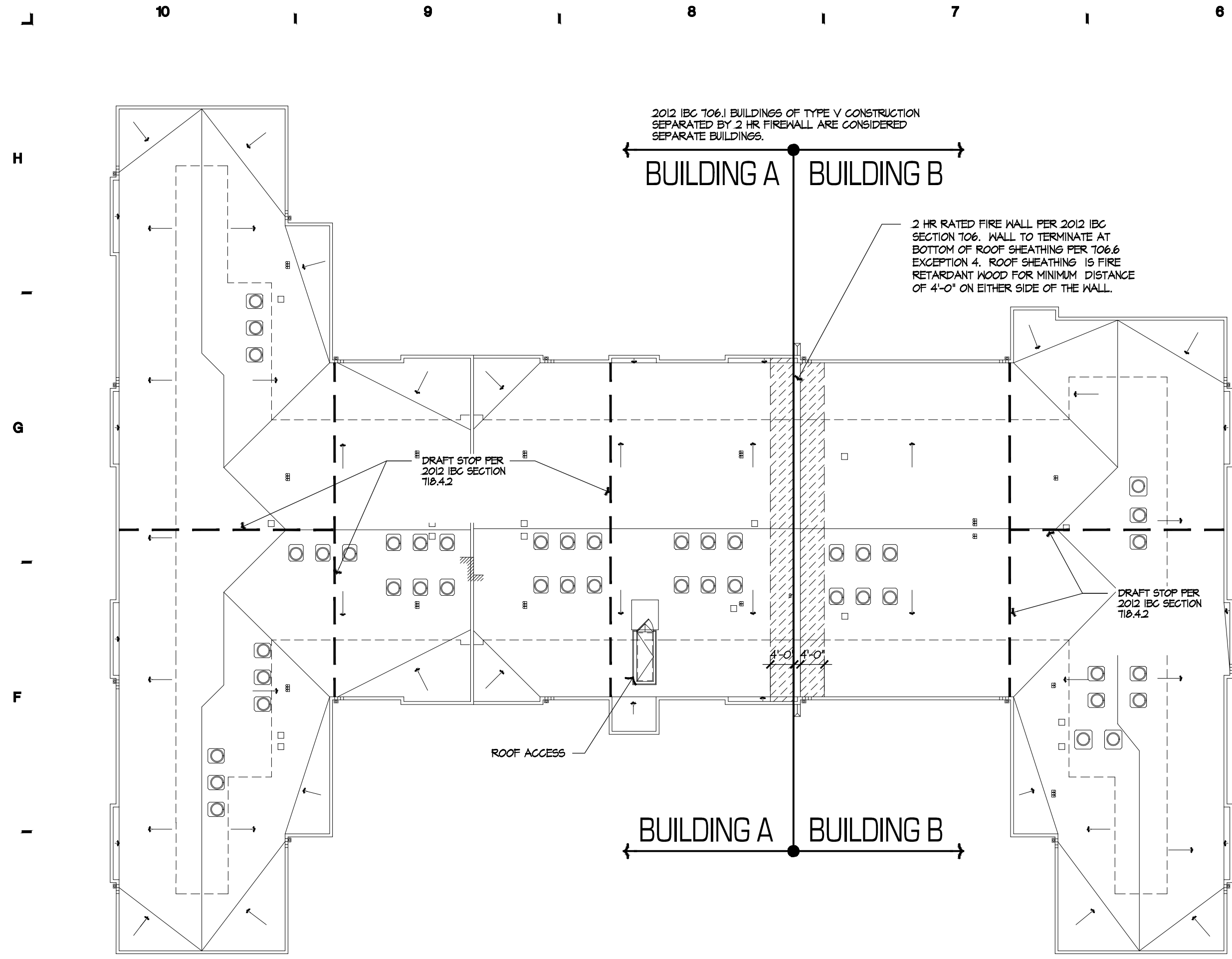
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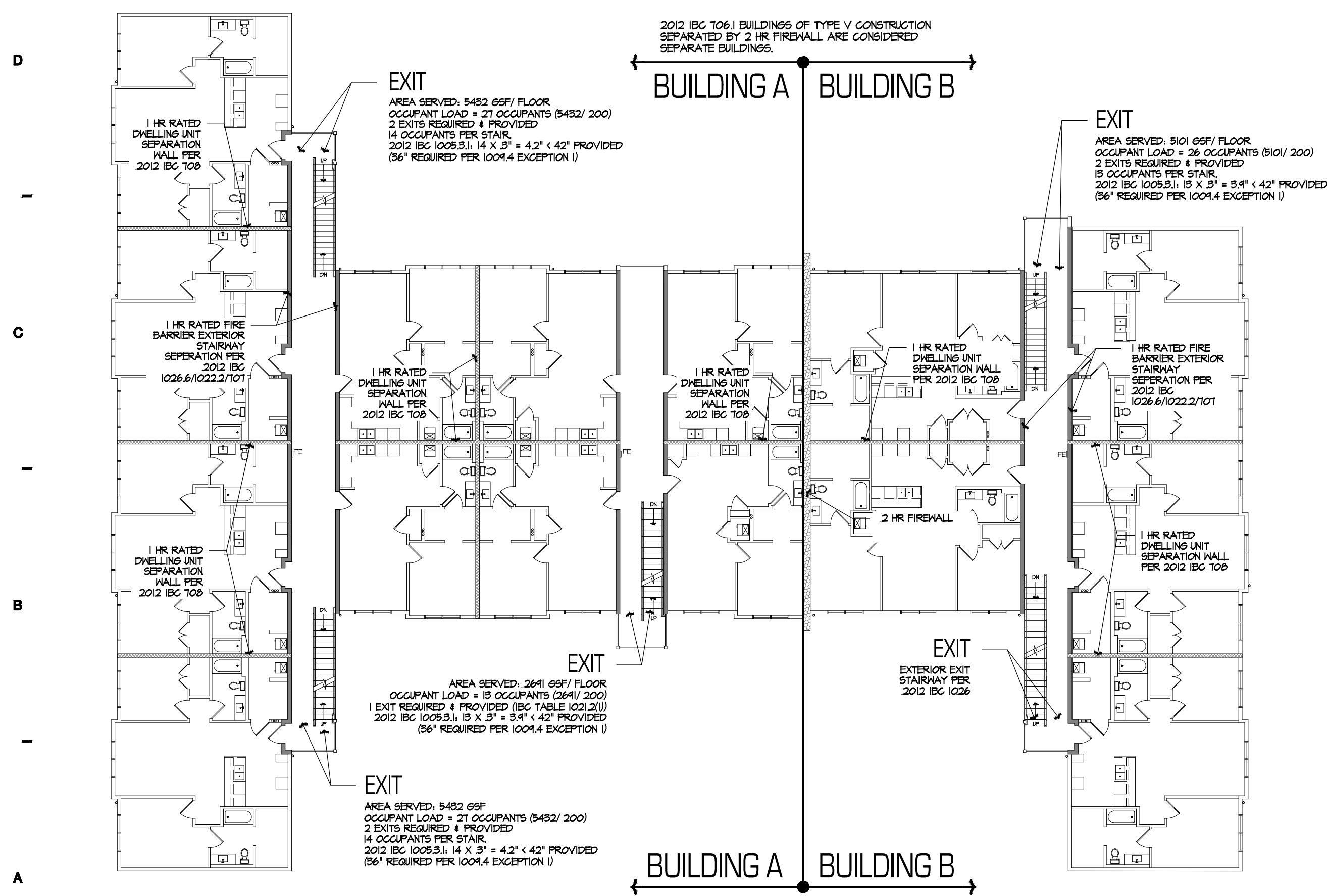
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E8 ROOF PLAN
SCALE: 1/16" = 1'-0"



A8 2ND FLOOR SHOWN (3RD SIM.)
SCALE: 1/16" = 1'-0"

CODE ANALYSIS

LOCAL ADOPTED CODES:
BUILDING: IBC 2012 INTERNATIONAL BUILDING CODE
MECHANICAL: IMC 2012 INTERNATIONAL MECHANICAL CODE
PLUMBING: IPC 2012 INTERNATIONAL PLUMBING CODE
ELECTRICAL: NEC 2011 NFPA 70 NATIONAL ELECTRICAL CODE
FIRE: 2012 INTERNATIONAL FIRE CODE
ACCESSIBILITY: 2009 ADA/1 ACCESSIBLE & USABLE BUILDINGS & FACILITIES

ZONING: GR W/ COD #134

PARKING REQUIREMENTS:
4) APARTMENT UNITS:
(18) 1 BEDROOM X 1.5 = 27 STALLS
(23) 2 BEDROOM X 2 = 46 STALLS
75 REQUIRED PARKING STALLS
RETAIL - 2,150 SF / 250 = 9 STALLS
BICYCLE PARKING REDUCTION ALLOWANCE: 10% AT 2 BICYCLE SPACES PER 1 PARKING STALL
82 X 10% = 8 PARKING STALLS
82 X 2 = 16 BICYCLE SPACES REQUIRED
82 - 8 = 74 PARKING STALL REQUIRED
74 ON SITE PARKING STALLS PROVIDED

SITE ACREAGE: +/- 1.62 ACRES

OCCUPANCY CLASSIFICATION:
BUILDING A:
1ST - 3RD FLOOR: APARTMENTS R-2

BUILDING B:
1ST FLOOR (UNSEPARATED OCCUPANCIES): APARTMENTS R-2, RETAIL M, OFFICE B, ASSEMBLY A-3
2ND - 3RD FLOOR: APARTMENTS R-2

TYPE OF CONSTRUCTION: TYPE VB (IBC TABLE 503).

THE BUILDINGS ARE FULLY SPRINKLED W/ NFPA 13R SYSTEM PER IBC 903.3.1.2

BUILDING HEIGHT:
ALLOWABLE: 40' (IBC TABLE 503) + 20' (IBC 504.2) = 60'
ACTUAL: 49'-3"

APARTMENTS R-2:
ALLOWABLE: 2 STORIES (IBC TABLE 503) + 1 STORY (IBC 504.2) = 3 STORIES
ACTUAL: 3 STORIES

RETAIL M:
ALLOWABLE: 1 STORY + 1 STORY = 2 STORY
ACTUAL: 1 STORY (1ST FLOOR ONLY)

OFFICE B:
ALLOWABLE: 2 STORIES + 1 STORY = 3 STORY
ACTUAL: 1 STORY (1ST FLOOR ONLY)

ASSEMBLY A-3:
ALLOWABLE: 1 STORY + 1 STORY = 2 STORY
ACTUAL: 1 STORY (1ST FLOOR ONLY)

BUILDING AREA:
BUILDING A:
ALLOWABLE AREA PER FLOOR (IBC 506.1): $A_a = 1000(A_u) + [1000(A_u) \times 0.64(I/P)] = 11,480$ GSF
FRONTAGE INCREASE (IBC 506.2): $I/P = (474'P) / 531(P) - 0.25 \times 30(W)/30 = 0.64$

ALLOWABLE AREA (A_a): 11,480 GSF

FIRST FLOOR: 9304 GSF

SECOND FLOOR:	9304 GSF	
THIRD FLOOR:	9304 GSF	
TOTAL:	27,912 GSF	

BUILDING B:		
ALLOWABLE AREA PER FLOOR (IBC 506.1):	$A_a = 1000(A_u) + [1000(A_u) \times 0.59(I/P)] = 11,130$ GSF	
FRONTAGE INCREASE (IBC 506.2):	$I/P = [306(P) / 364(P) - 0.25] \times 30(W)/30 = 0.59$	
BASED ON R-2 (MOST RESTRICTED USE)		

ALLOWABLE AREA (A_a):	11,130 GSF	
---------------------------	------------	--

FIRST FLOOR:	5715 GSF	
SECOND FLOOR:	5715 GSF	
THIRD FLOOR:	5715 GSF	
TOTAL:	17325 GSF	

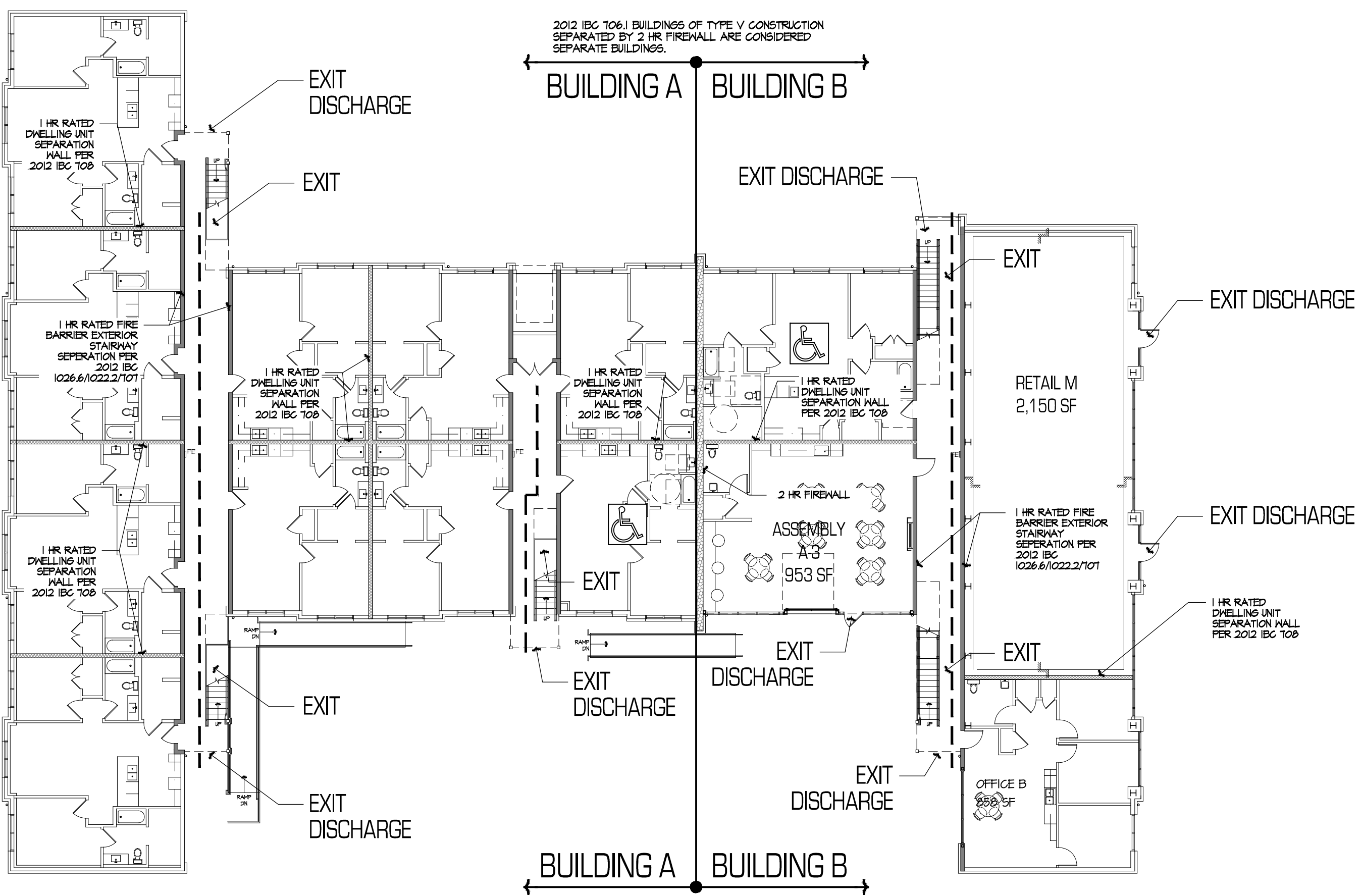
OCCUPANT LOAD PER BUILDING		
BUILDING A:		
1ST FLOOR:	R-2: 9304 GSF / 200 (RESIDENTIAL) =	46
2ND FLOOR:	R-2: 9304 GSF / 200 (RESIDENTIAL) =	46
3RD FLOOR:	R-2: 9304 GSF / 200 (RESIDENTIAL) =	46
TOTAL:		138 OCCUPANTS

BUILDING B:		
1ST FLOOR:	M: 2150 GSF / 90 (MERCANTILE AT GRADE) =	24
	B: 850 GSF / 100 (BUSINESS) =	8
	A-2: 953 GSF / 15 (UNCONCENTRATED TABLES & CHAIRS) =	63
	R-2: 3340 GSF / 200 (RESIDENTIAL) =	16
2ND FLOOR:	R-2: 5575 GSF / 200 (RESIDENTIAL) =	27
3RD FLOOR:	R-2: 5575 GSF / 200 (RESIDENTIAL) =	27
TOTAL:		212 OCCUPANTS

EGRESS REQUIREMENTS:		
CORRIDOR EXIT WIDTH: 1ST FLOOR (SOUTH CORRIDOR ASSUMED WORST CASE) - MAX.		
CORRIDORS EXIT WIDTH: 2ND - 3RD (NORTH CORRIDOR ASSUMED WORST CASE) - MAX.		
OCCUPANCY OF 21 X 2' = 5.6' X 36' MINIMUM REQUIRED, 42' PROVIDED.		
EXIT ACCESS TRAVEL DISTANCE IS LESS THAN THE MAX. 250' ALLOWED (IBC TABLE 1016.2).		
COMMON PATH OF EGRESS TRAVEL (IBC TABLE 1014.3): M = 75' MAX, A-2 = 75' MAX, B =		
100' MAX, R-2 = 125' MAX, MAX. OF 54' COMMON PATH TYP. AT 2 BED APARTMENT.		
DEAD END CORRIDORS ALLOWED (IBC 1018.4): A-2 = 20' MAX, R-2 = 50' MAX.		
EXIT SEPARATION DISTANCE:		
BUILDING A: OVERALL DIAGONAL IS 142'-6" / 3 = 47'-6" MIN. ACTUAL PER IBC 1015.2.1 EXC. 1 IS		
54'.		
BUILDING B: OVERALL DIAGONAL IS 108'-6" / 3 = 36'-2" MIN. ACTUAL PER IBC 1015.2.1 EXC. 1		
IS 40'.		

FIRE RESISTIVE REQUIREMENTS (MINIMUMS) FOR TYPE VB (PER IBC TABLE 601):		
STRUCTURAL FRAME	0	
EXTERIOR BEARING WALLS	0	
INTERIOR BEARING WALLS	0	
EXTERIOR NONBEARING WALLS	0	
INTERIOR NONBEARING WALLS	0	
FLOOR CONSTRUCTION	0	
ROOF CONSTRUCTION	0	

ACCESSIBILITY REQUIREMENTS AT AREAS OF WORK: PUBLIC SPACES TO BE ACCESSIBLE PER THE 2012 IBC & 2010 ADA. 2% OF UNITS REQUIRED TO BE TYPE 'A' PER 107.6.2.11. 4 UNITS X 0.25% = 1 TYPE 'A' UNIT REQUIRED. 2 PROVIDED. TYPE 'B' UNITS REQUIRED ON FIRST FLOOR ONLY PER IBC 107.1.1.



A2 1ST FLOOR PLAN
SCALE: 1/16" = 1'-0"

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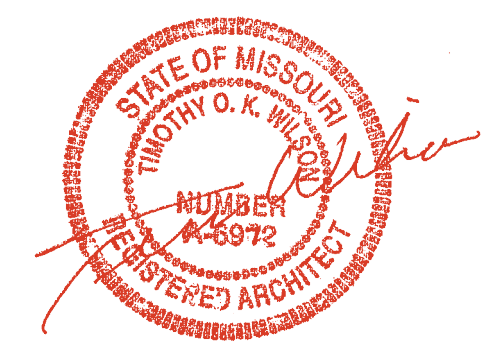
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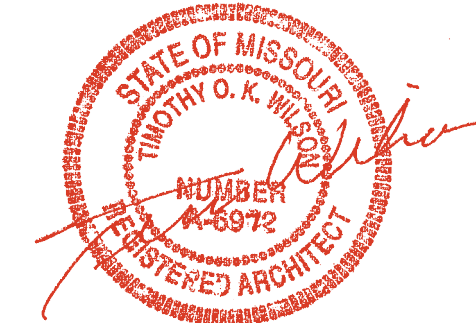
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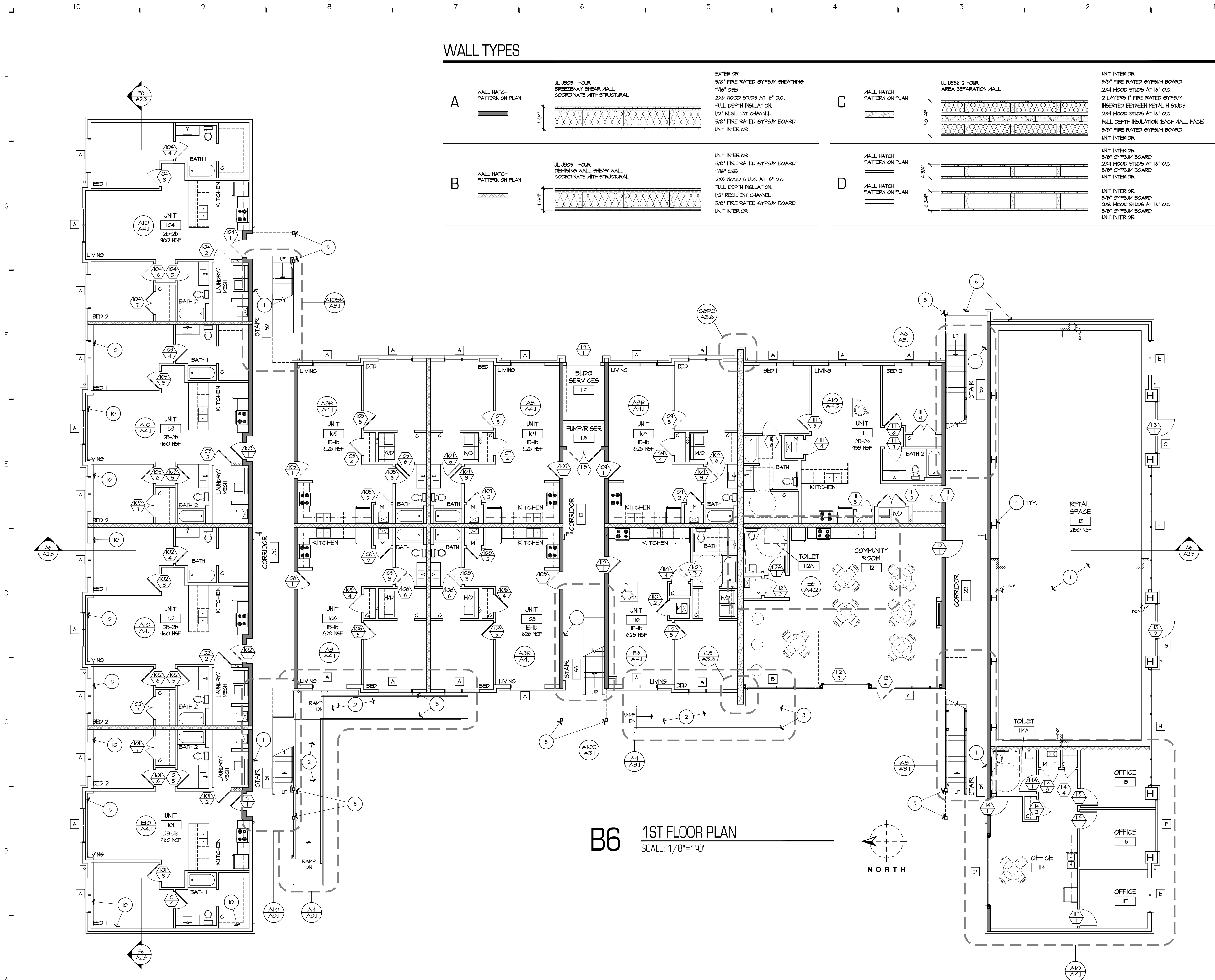
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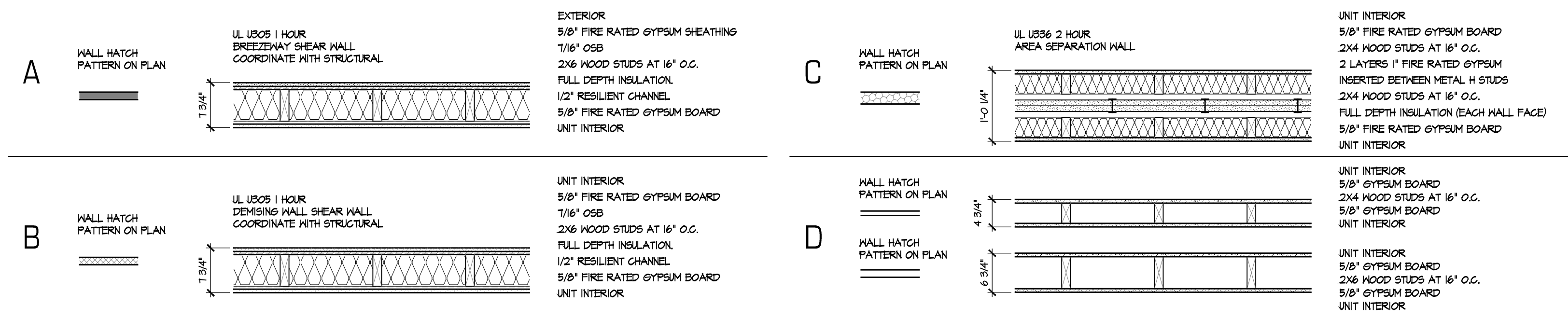
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	10	9	8	7	6	5	4	3	2	1
	<div><div>Design No. L563 (Edited for Relevancy) November 28, 2018</div><div>Unrestrained Assembly Rating - 1/2 Hr, 1 Hr (See Item 1, System 1) Finish Rating -- 25 Min. (See Items 5 or 5A and 7), 20 Min. (See Items 6E and 7A) This design was evaluated using a load design method other than the Limit States Design Method (e.g., Working Stress Design Method). For jurisdictions employing the Limit States Design Method, such as Canada, a load restriction factor shall be used -- See Guide BXUV or BXUV7</div><div>* Indicates such products shall bear the UL or cUL Certification Mark for jurisdictions employing the UL or cUL Certification (such as Canada), respectively.</div><div></div></div>	<div><div>MAXXON CORP -- Type D-C, GC, GC2000, L-R, T-F, CT, SS</div><div>RAPID FLOOR SYSTEMS -- Type RF, RFP, RFU, Orcretecrete</div><div>Floor Mat Materials* - (Optional) -- Floor mat material loose laid over the subfloor. Refer to manufacturer's instructions regarding the minimum thickness of floor topping over each floor mat material.</div><div>MAXXON CORP -- Type Acousti-Mat 1/8, Acousti-Mat 1/4, Acousti-Mat 1/4 Premium, Acousti-Mat 3/8, Acousti-Mat 3/8 Premium, Acousti-Mat 3/4, Acousti-Mat 3/4 Premium, Acousti-Top.</div><div>Floor Mat Reinforcement -- (Optional) Refer to manufacturer's instructions regarding minimum thickness of floor topping for use with floor mat reinforcement.</div><div>Metal Lath - (Optional) 3/8 in. expanded galvanized steel diamond mesh, 3.4 lbs/sq yd loose laid over the floor mat material.</div><div>Fiber Glass Reinforcement -- (Optional) - 0.015 in. thick PVC coated non-woven fiberglass mesh, 0.368 lbs./sq. yd loose laid over the floor mat material.</div><div>2. Trusses -- Parallel chord trusses, spaced a max of 24 in. OC, fabricated from nom 2 by 4 lumber, with lumber oriented vertically or horizontally. Min truss depth is 12 in. when Ceiling Dampers* are not used. Min truss depth is 18 in. when Ceiling Damper* is used. Truss members secured together with min 0.036 0356 in. thick galvanized steel plates. The teeth are in pairs facing each other (made by the same punch), forming a split tooth type plate. Each tool has a chisel point on its outside edge. These points are diagonally opposite each other for each pair. The top half of each tooth has a twist for stiffness. The pairs are repeated on approx. 7/8 in. centers with four rows of teeth per inch of plate width.</div><div>3. Air Duct* (Optional) -- Any UL Class 0 or Class 1 flexible air duct installed in accordance with the instructions provided by the damper manufacturer.</div><div>4. Ceiling Damper* (Optional). To be used with Air Duct Item 3. -- For use with min 18 in. deep trusses Max plenum box size nom 19 in. long by 19 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 128 sq. in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.</div><div>AIRE TECHNOLOGIES INC -- Models: CRD model 50 w/Boot, CRD model 50EA w/Boot, CRD model 55 w/Boot, CRD model 55 EA w/Boot.</div><div>LLOYD INDUSTRIES INC -- Model CRD 50-BT, CRD 50-EA-BT, CRD 55-BT, CRD 55 EA-BT</div><div>4A. Alternate Ceiling Damper* -- For use with min 18 in. deep trusses Max plenum box size nom 13 in. long by 13 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 50 sq. in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.</div><div>LLOYD INDUSTRIES INC -- Model CRD 50-BT-6, CRD 50-EA-BT-6, CRD 55-BT-6, CRD 55 EA-BT-6. CRD50-w X-BT-6</div><div>4B. Alternate Ceiling Damper* -- For use with min 18 in. deep trusses Max size ceiling outlet in plenum box nom 12 in. long by 12 in. wide. Plenum box fabricated from galv steel. Aggregate damper openings shall not exceed 72 sq. in. per 100 sq ft of ceiling area. Installed in accordance with the manufacturers installation instructions provided with the damper.</div><div>AIRE TECHNOLOGIES INC -- Models: CRD model 50 w/Boot, CRD model 50EA w/Boot, CRD model 55 w/Boot, CRD model 55 EA w/Boot.</div></div>	<div>LLOYD INDUSTRIES INC -- Model CRD 50-95BT, CRD 50-EA-95BT, CRD 55-95BT, CRD 55 EA-95BT</div> <div>4C. Alternate Ceiling Damper* -- For use with min 18 in. deep trusses. Max size ceiling outlet in plenum box nom 16 in. long by 16 in. wide. Aggregate damper openings shall not exceed 128 sq. in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.</div> <div>CROWN PRODUCTS CO INC -- Models CRD50-FGPB-4.2-CP, -6.0-CP; CRD50-FGPB-4.2-EA-CP, -6.0-EA-CP.</div> <div>LLOYD INDUSTRIES INC -- Models CRD 50- FGPB-4.2, - 4.2 NI, -6.0, -6.0 NI; CRD50-EA-FGPB-4.2, -4.2 NI, -6.0, -6.0 NI.</div> <div>4D. Alternate Ceiling Damper* -- For use with min 18 in. deep trusses Max plenum box size nom 15 in. long by 15 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 72 sq. in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.</div> <div>LLOYD INDUSTRIES INC -- Models 45-CRD-LT-BT and 45-CRD-LTD-BT</div> <div>4E. Alternate Ceiling Damper* -- For use with min 18 in. deep trusses Max size ceiling outlet in plenum box nom 10 in. long by 10 in. wide. Plenum box fabricated from galv steel. Aggregate damper openings shall not exceed 50 sq. in. per 100 sq ft of ceiling area. Installed in accordance with the manufacturers installation instructions provided with the damper.</div> <div>LLOYD INDUSTRIES INC -- Model 45-LTD-95-BT-4</div> <div>4F. Alternate Ceiling Damper* -- For use with min 18 in. deep trusses Max plenum box size nom 19 in. long by 19 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 96 sq. in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.</div> <div>LLOYD INDUSTRIES INC -- Model CRD50-w X-BT</div> <div>4G. Alternate Ceiling Damper* -- For use with min. 18 in. deep trusses. Max. nom area shall be 349 sq. in. Max. overall length and width shall not exceed 18-11/16 in. by 18-11/16 in. with max. 16 in. by 16 in. register opening. Aggregate damper openings shall not exceed 175 sq. in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper. An aluminum or steel grille (Item 9) shall be installed in accordance with installation instructions.</div> <div>MIAMI TECH INC -- Model Series RxCRD, RxCRDS or RxCRPD</div> <div>4H. Alternate Ceiling Damper* -- For use with min 18 in. deep trusses Max plenum box size nom 19 in. long by 19 in. wide and 11-7/8 in. high fabricated from galv steel. Aggregate damper openings shall not exceed 128 sq. in. per 100 sq ft of ceiling area. Damper installed in accordance with the manufacturers installation instructions provided with the damper.</div> <div>METAL-FAB INC -- Models MSCD-HC and MRCD-HC</div> <div>5. Batts and Blankets* -- (Optional) - Glass fiber or mineral wool insulation bearing the UL Classification Marking as to Surface Burning Characteristics and/or Fire Resistance. When no insulation is installed in the concealed space resilient channels (Item 6) are spaced 24 in. OC. When the resilient channels (Item 6) are spaced 16 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 12 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 8 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 6 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 4 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 2 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/8 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/16 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/32 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/64 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/128 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/256 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/512 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1024 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2048 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4096 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/8192 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/16384 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/32768 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/65536 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/131072 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/262144 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/524288 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1048576 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2097152 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4194304 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/8388608 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/16777216 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/33554432 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/67108864 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/134217728 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/268435456 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/536870912 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1073741824 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2147483648 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4294967296 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/8589934592 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/17179869184 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/34359738368 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/68719476736 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/137438953472 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/274877906944 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/549755813888 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1099511627776 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2199023255552 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4398046511104 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/8796093022208 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/17592186044416 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/35184372088832 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/70368744177664 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/140737488355328 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/281474976710656 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/562949953421312 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1125899906842624 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2251799813685248 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4503599627370496 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/9007199254740992 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/18014398509481984 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/36028797018963968 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/72057594037927936 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/144115188075855872 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/288230376151711744 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/576460752303423488 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1152921504606846976 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2305843009213693952 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4611686018427387904 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/9223372036854775808 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/18446744073709551616 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/36893488147419103232 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/73786976294838206464 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/147573952589676412928 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/295147905179352825856 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/590295810358705651712 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1180591620717411303424 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2361183241434822606848 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4722366482869645213696 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/9444732965739290427392 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/18889465931478580854784 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/37778931862957161709568 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/75557863725914323419136 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/151115727451828646838272 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/302231454903657293676544 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/604462909807314587353088 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1208925819614629174706176 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2417851639229258349412352 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4835703278458516698824704 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/9671406556917033397649408 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/19342813113834066795298816 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/38685626227668133590597632 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/77371252455336267181195264 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/15474250491067253436239536 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/30948500982134506872479072 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/61897001964269013744958144 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/12379400392853802748996288 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/24758800785707605497992576 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/49517601571415210995985152 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/99035203142830421991970304 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/198070406285660843983940608 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/396140812571321687967881216 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/792281625142643375935762432 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1584563250285286751871524864 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/3169126500570573503743049728 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/6338253001141147007486099456 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/126765060022822940149721999104 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/253530120045645880299443998208 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/507060240091291760598887996416 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1014120480182583521197775992832 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/2028240960365167042395551985664 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/4056481920730334084791103971328 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/8112963841460668169582207942656 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/16225927682921336391164158845312 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/32451855365842672782328317690624 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/64903710731685345564656635381248 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/12980742146337069112931327076496 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/25961484292674138225862641552992 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/51922968585348276451725283105984 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/103845937170696552903450566211968 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/207691874341393105806901124423936 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/415383748682786211613802248847872 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/830767497365572423227604497695744 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/1661534994731144846455208993911488 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/3323069989462289692910417987822976 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/6646139978924579385820835975645952 in. OC, the insulation shall be a max of 3-1/2 in. thick, and shall be secured against the subflooring with 1 in. long 1/2 in. OC. When the resilient channels (Item 6) are spaced 1/13292279957849158771641671</div>							

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Feb 04,2019 10:06am



WALL TYPES



KEY NOTES

1. SEMI-RECESSED FIRE EXTINGUISHER CABINET, 104413 & 104416.
2. CONCRETE RAMP, RE. STRUCTURAL.
3. 1 1/2" DIA. GALVANIZED STEEL HANDRAIL, HANDRAIL SHALL EXTEND 12" BEYOND TOP & BOTTOM OF RAMP, TOP OF HANDRAIL SHALL BE MOUNTED 36" A.F.F. ABOVE RAMP, HANDRAIL SHALL RETURN TO WALL OR FLOOR AS INDICATED ON PLAN, MOUNT 2" OFF FACE OF WALL, CONTRACTOR SHALL USE CIRCULAR MOUNTING PLATES AT THE WALL, 095123.
4. STEEL COLUMN, PAINT, RE. STRUCTURAL.
5. TREATED TIMBER COLUMN, STAIN, RE. STRUCTURAL.
6. CONCRETE RETAINING WALL, RE. STRUCTURAL.
7. NO CONCRETE SLAB THIS AREA, RE. STRUCTURAL.
8. 3/4" GYPSUM CEMENT UNDERLAYMENT, TYPICAL 2ND & 3RD FLOORS, 05415.
9. COMPOSITE WOOD DECKING, 06553.
10. CONCRETE STEM WALL WITH 2X2 TREATED WOOD FURRING AND 5/8" GYP. BD. WITH WOOD CAP, PAINT.

GENERAL NOTES

- A. THIS PROJECT IS A SUSTAINABLE DESIGN. IT WILL ACHIEVE BRONZE LEVEL CERTIFICATION THROUGH THE NATIONAL GREEN BUILDING STANDARD. REFER TO THE PROJECT MANUAL FOR SPECIFIC SUSTAINABLE RATING SYSTEM REQUIREMENTS FOR MATERIALS AND INSTALLATIONS.
- B. PROVIDE AND INSTALL MOISTURE RESISTANT GYP. BD. ON ALL WALLS AND CEILINGS IN BATHS, RESTROOMS, JANITOR CLOSETS, AND FOR FULL HEIGHT OF ALL CABINET WALLS WHERE SINKS ARE LOCATED.
- C. PROVIDE AND INSTALL INSULATION FULL HEIGHT OF ALL INTERIOR WALLS THAT REQUIRE INSULATION AND EXTERIOR WALLS, 075102.
- D. ALL INTERIOR DIMENSIONS ARE TO FACE OF GYPSUM BOARD.
- E. EXTERIOR DIMENSIONS ARE FROM FACE OF EXTERIOR SHEATHING. FACE OF CONCRETE SLAB IS LOCATED AT THE FACE OF THE EXTERIOR SHEATHING.

LEGEND

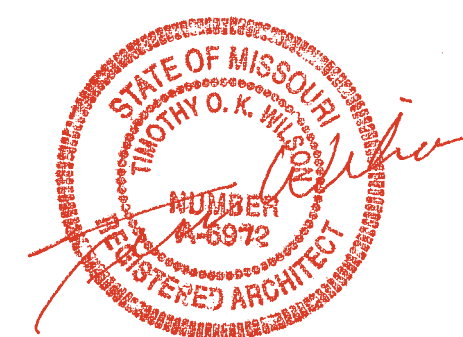
- 1 PLAN NOTE
- BB DOOR DESIGNATION
- F WINDOW DESIGNATION
- D WALL DESIGNATION
- A3R/A4.1 INTERIOR ELEVATION
- REV. SIM.



ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

SEAL
ARCHITECT - TIMOTHY O.K. WILSON
MO. LICENSE NO. A-6972



1ST FLOOR PLAN

ISSUE DATE:

02.04.2019

REVISIONS:

PROJECT NO.: 1817

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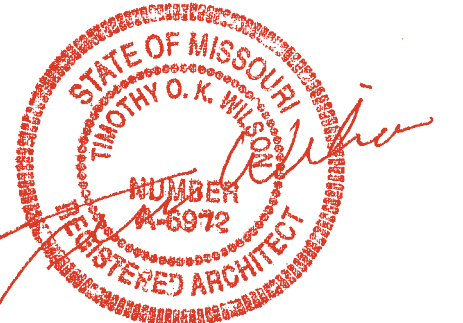
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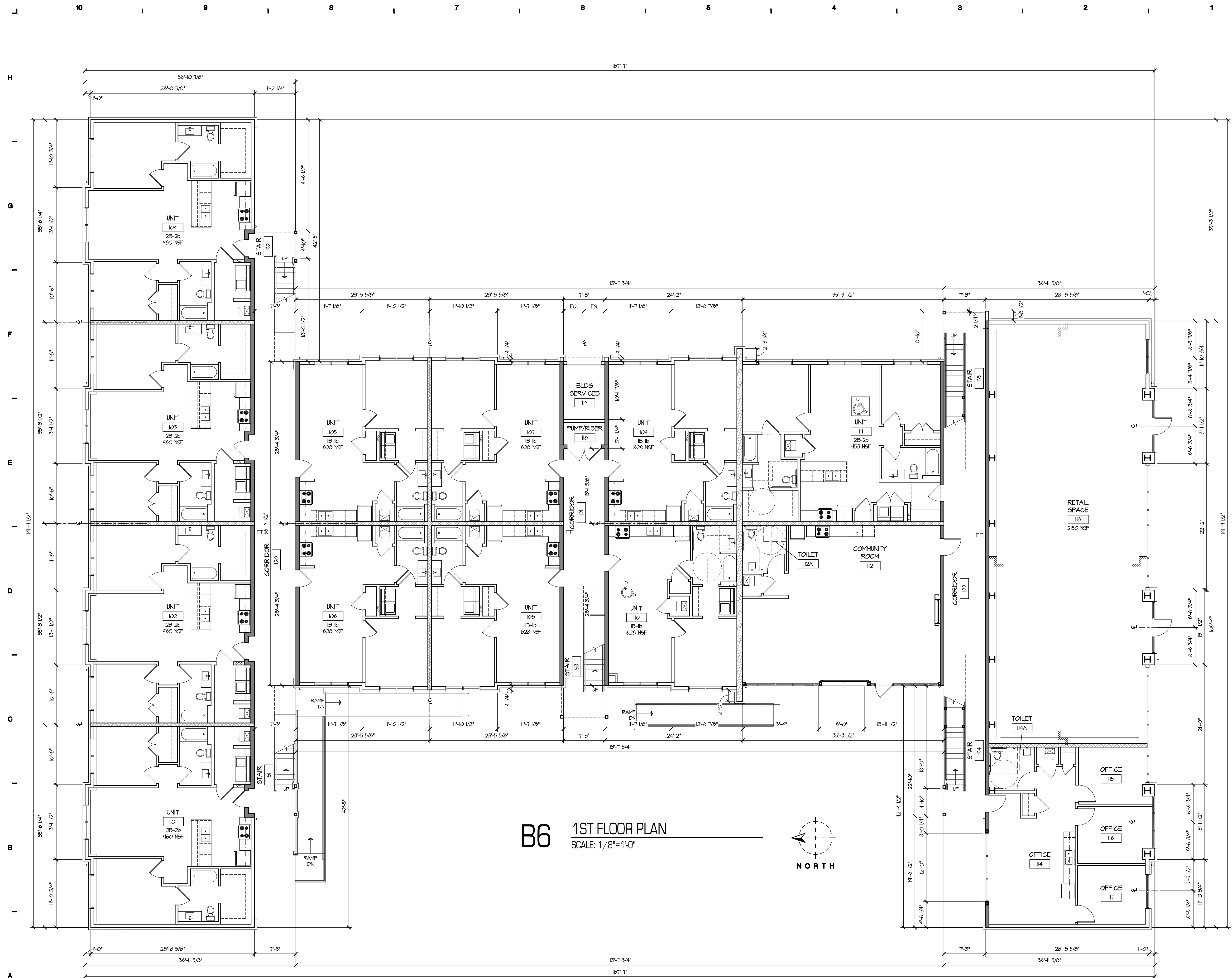
1ST FLOOR
DIMENSION PLAN

ISSUE DATE:
2.04.2019
REVISIONS:

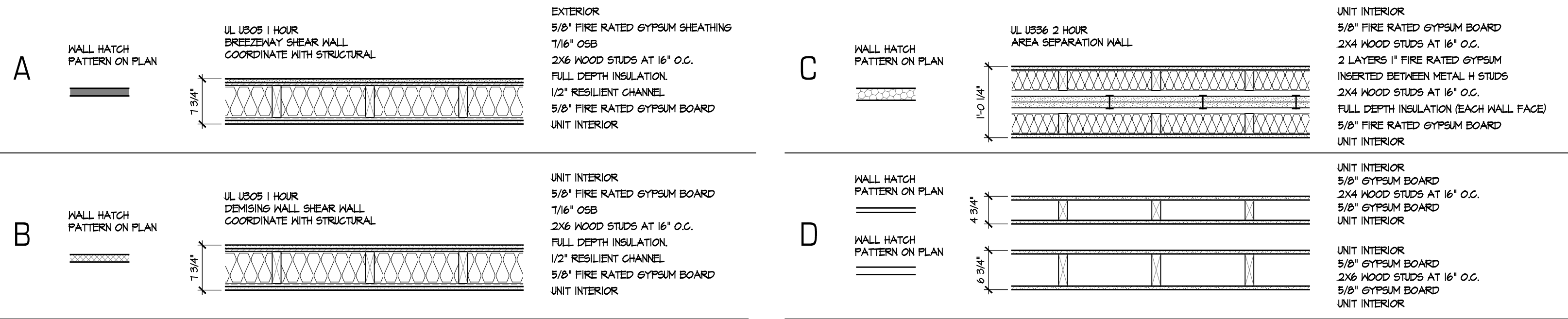
PROJECT NO.: 1817

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WALL TYPES



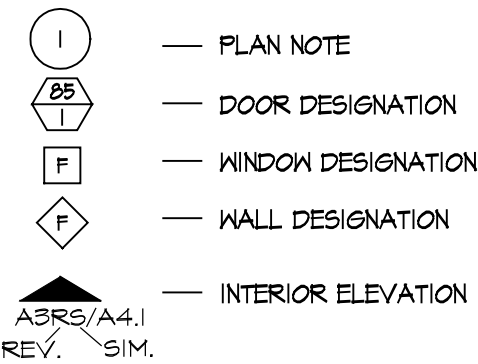
KEY NOTES

- SEMI-RECESSED FIRE EXTINGUISHER CABINET, 104413 &
104416.
3. CONCRETE RAMP. RE: STRUCTURAL.
- 3.1 1/2" DIA. SANITIZED STEEL HANDRAIL. HANDRAIL
SHALL BE MOUNTED 2' ON TOP & 1' BOTTOM OF RAMP.
TOP OF HANDRAIL SHALL BE MOUNTED 36" A/F.F. ABOVE
RAMP. HANDRAIL SHALL RETURN TO WALL OR FLOOR AS
NEEDS DICTATE. HANDRAIL MOUNT 2" OFF FACE OF RAMP.
CONTRACTOR SHALL USE CIRCULAR MOUNTING PLATES AT
THE WALL. 055123.
4. STEEL COLUMN. PAINT. RE: STRUCTURAL.
- 4.1 TREATED TIMBER COLUMN. STAIN. RE: STRUCTURAL.
- 4.2 CONCRETE RETAINING WALL. RE: STRUCTURAL.
5. NO CONCRETE SLAB THIS AREA. RE: STRUCTURAL.
6. 3/4" O/SWEN GRADE DECKING. TYPICAL 2ND &
3RD FLOORS. 05419.
7. COMPOSITE HOOD UNDERLayment. 061553
8. CONCRETE STEM WALL WITH 2X2 TREATED WOOD
FURRING AND 5/8" GYP. BD. WITH MOOD CAP. PAINT.

GENERAL NOTES

- A. THIS PROJECT IS A SUSTAINABLE DESIGN. IT WILL ACHIEVE BRONZE LEVEL CERTIFICATION THOUGH THE NATIONAL GREEN BUILDING STANDARD. REFER TO THE PROJECT MANUAL FOR SPECIFIC SUSTAINABLE RATING SYSTEM REQUIREMENTS FOR MATERIALS AND INSTALLATIONS.
- B. PROVIDE AND INSTALL MOISTURE RESISTANT GYP. BD. ON ALL WALLS AND CEILING IN BATHS, RESTROOMS, JANITOR CLOSETS, AND FOR FULL HEIGHT OF ALL CABINET WALLS WHERE SINKS ARE LOCATED.
- C. PROVIDE AND INSTALL INSULATION FULL HEIGHT OF ALL INTERIOR WALLS THAT REQUIRE INSULATION AND EXTERIOR WALLS. 02100.
- D. ALL INTERIOR DIMENSIONS ARE TO FACE OF GYPSUM BOARD.
- E. EXTERIOR DIMENSIONS ARE FROM FACE OF EXTERIOR SHEATHING. FACE OF CONCRETE SLAB IS LOCATED AT THE FACE OF THE EXTERIOR SHEATHING.

LEGEND



Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI



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315 NICHOLS RD STE 228 KANSAS CITY MO 64112 - T 816 531 1698 F 816 531 1078
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MO. LICENSE NO. A-6972



2ND FLOOR PLAN

ISSUE DATE:

02.04.2019

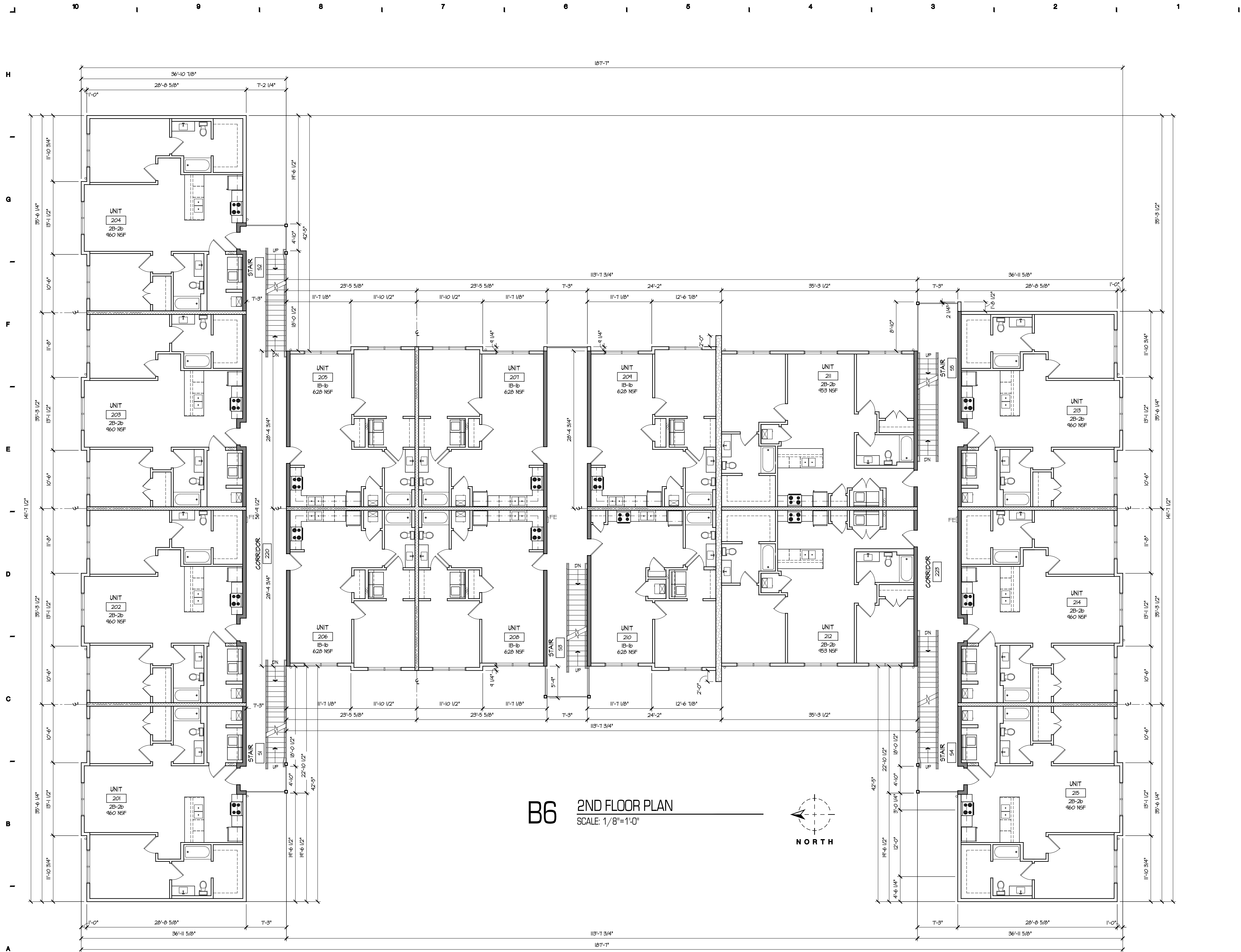
REVISIONS:

PROJECT NO.: 1817

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Feb 02,2019 12:49pm



B6

2ND FLOOR PLAN
SCALE: 1/8"=1'-0"



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2ND FLOOR
DIMENSION PLAN

ISSUE DATE:

02.04.2019

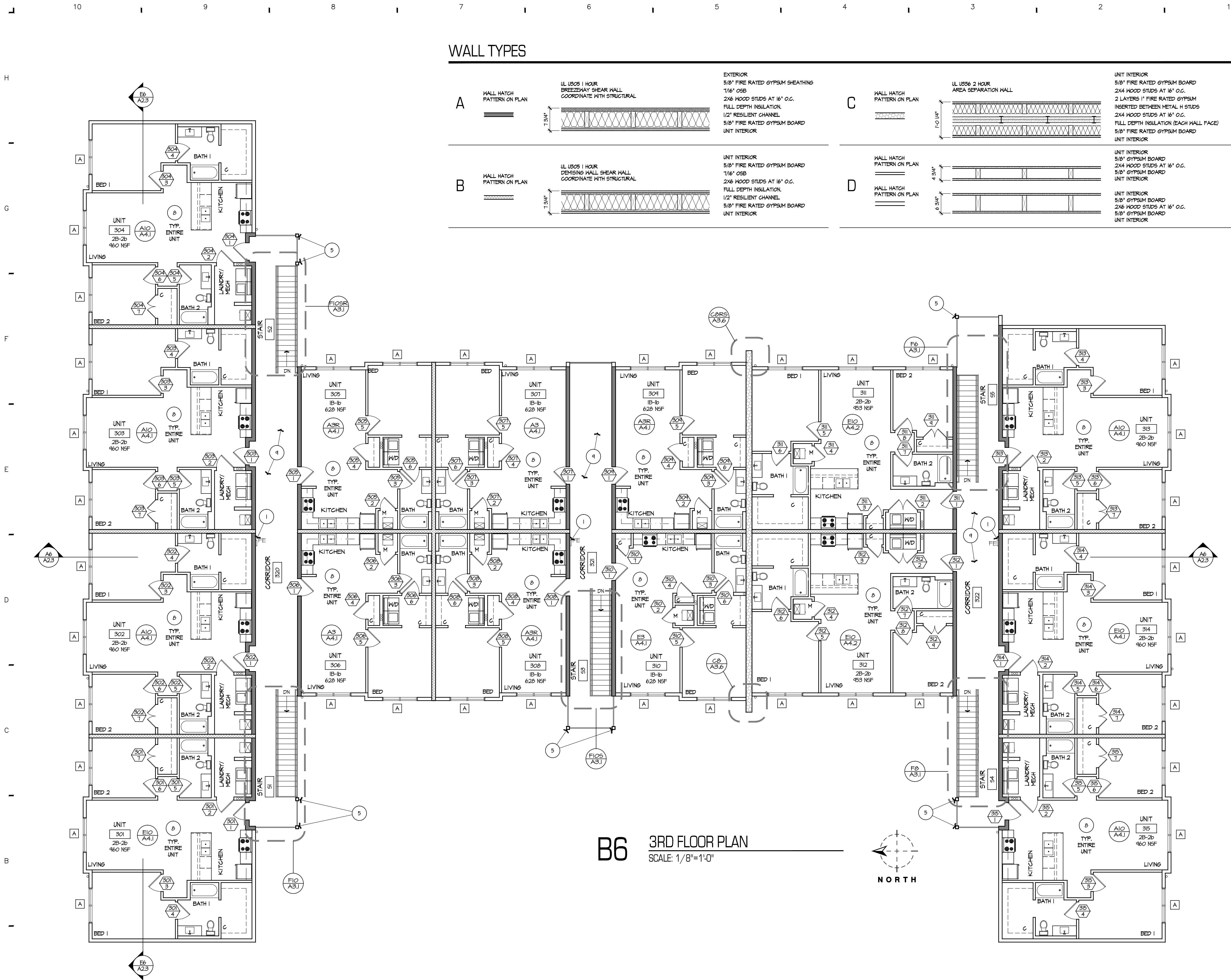
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PROJECT NO.: 1817

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Feb 04,2019 10:07am



KEY NOTES

1. SEMI-RECESSED FIRE EXTINGUISHER CABINET, 104415 4 104416.
2. CONCRETE RAMP, RE: STRUCTURAL.
3. 1 1/2" DIA. GALVANIZED STEEL HANDRAIL, HANDRAIL SHALL EXTEND 12" BEYOND TOP & BOTTOM OF RAMP. TOP OF HANDRAIL SHALL BE MOUNTED 36" A.F.F. ABOVE RAMP. HANDRAIL SHALL RETURN TO WALL OR FLOOR AS INDICATED ON PLAN. MOUNT 2" OFF FACE OF WALL. CONTRACTOR SHALL USE CIRCULAR MOUNTING PLATES AT THE WALL, 095123.
4. STEEL COLUMN, PAINT, RE: STRUCTURAL.
5. TREATED TIMBER COLUMN, STAIN, RE: STRUCTURAL.
6. CONCRETE RETAINING WALL, RE: STRUCTURAL.
7. NO CONCRETE SLAB THIS AREA, RE: STRUCTURAL.
8. 3/4" GYPSUM CEMENT UNDERLAYMENT, TYPICAL, 2ND & 3RD FLOORS, 05415
9. COMPOSITE WOOD DECKING, 061533
10. CONCRETE STEM WALL WITH 2X2 TREATED WOOD FURRING AND 5/8" GYP. BD. WITH WOOD CAP. PAINT.

GENERAL NOTES

- A. THIS PROJECT IS A SUSTAINABLE DESIGN. IT WILL ACHIEVE BRONZE LEVEL CERTIFICATION THROUGH THE NATIONAL GREEN BUILDING STANDARD. REFER TO THE PROJECT MANUAL FOR SPECIFIC SUSTAINABLE RATING SYSTEM REQUIREMENTS FOR MATERIALS AND INSTALLATIONS.
- B. PROVIDE AND INSTALL MOISTURE RESISTANT GYP. BD. ON ALL WALLS AND CEILINGS IN BATHS, RESTROOMS, JANITOR CLOSETS, AND FOR FULL HEIGHT OF ALL CABINET WALLS WHERE SINKS ARE LOCATED.
- C. PROVIDE AND INSTALL INSULATION FULL HEIGHT OF ALL INTERIOR WALLS THAT REQUIRE INSULATION AND EXTERIOR WALLS, 071002.
- D. ALL INTERIOR DIMENSIONS ARE TO FACE OF GYPSUM BOARD.
- E. EXTERIOR DIMENSIONS ARE FROM FACE OF EXTERIOR SHEATHING. FACE OF CONCRETE SLAB IS LOCATED AT THE FACE OF THE EXTERIOR SHEATHING.

LEGEND

- 1 — PLAN NOTE
B6/T — DOOR DESIGNATION
F — WINDOW DESIGNATION
◇ — WALL DESIGNATION
A3R5/A4.1 REV. SIM. — INTERIOR ELEVATION

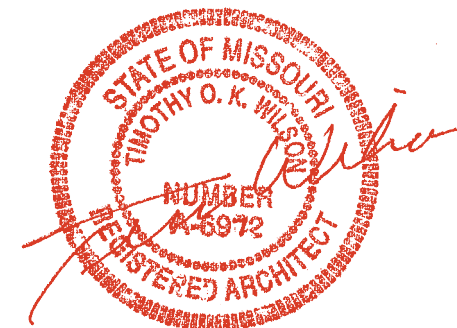
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3RD FLOOR PLAN

ISSUE DATE:

02.04.2019

REVISIONS:

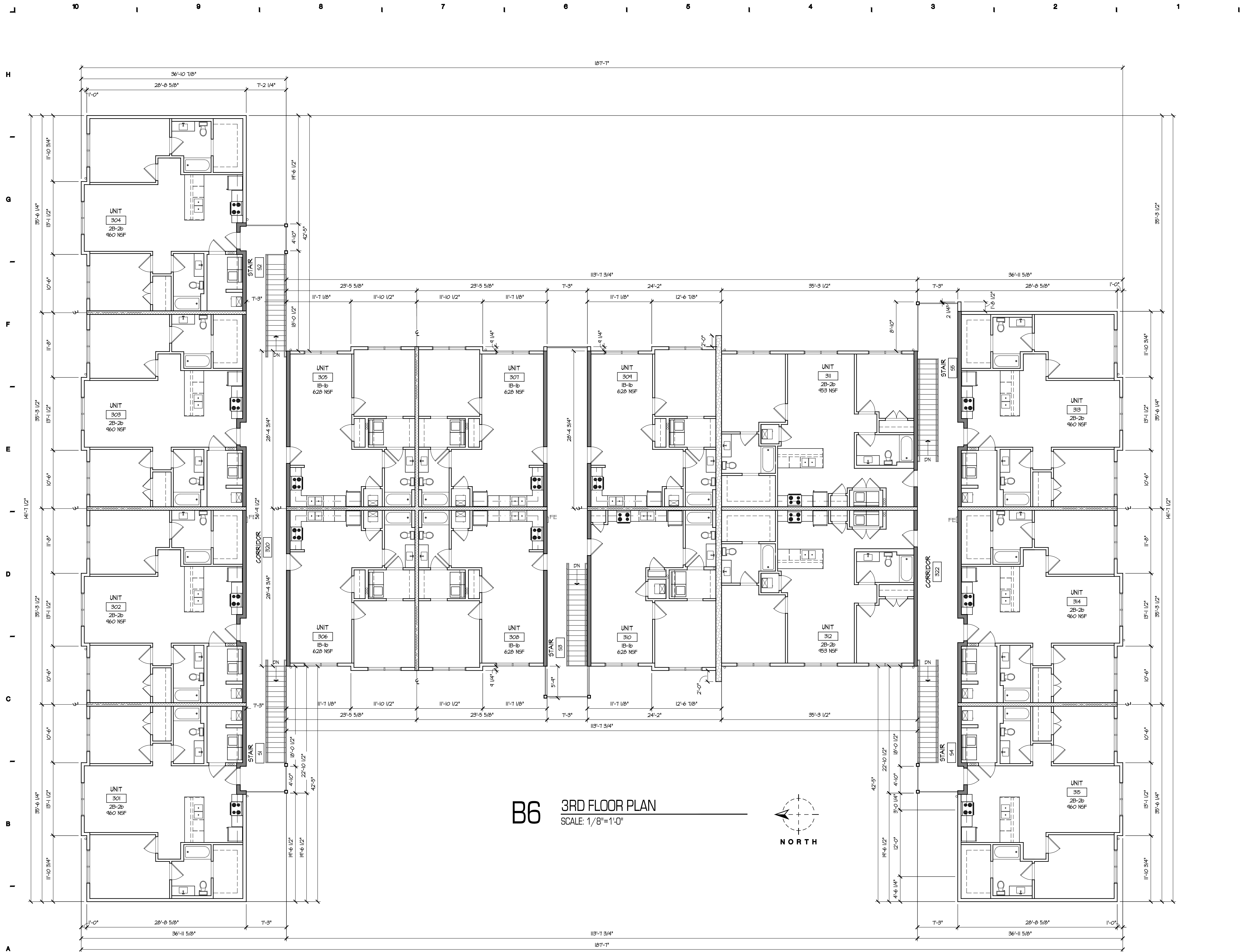
PROJECT NO.: 1817

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3RD FLOOR
DIMENSION PLAN

ISSUE DATE:

02.04.2019

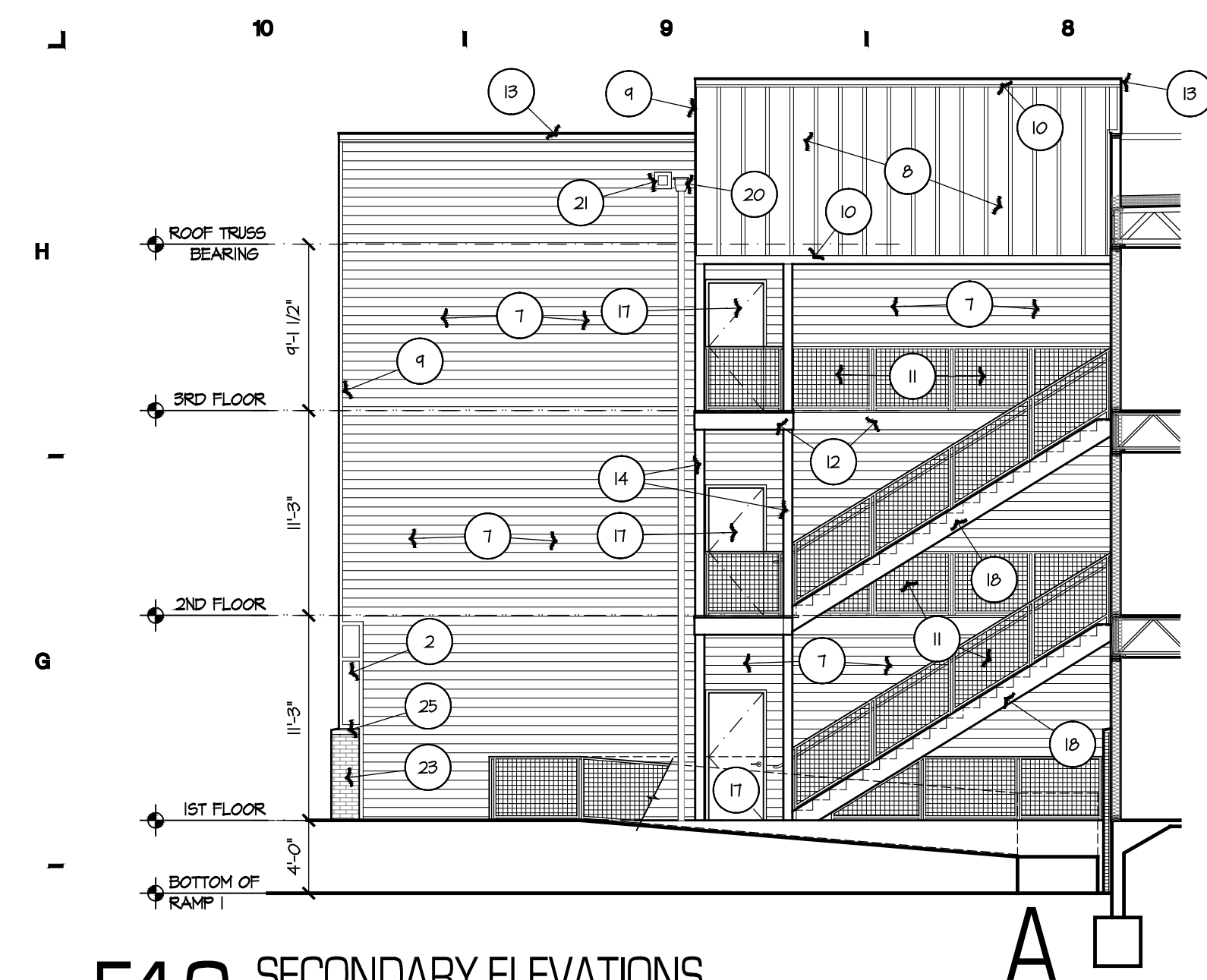
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PROJECT NO.: 1817

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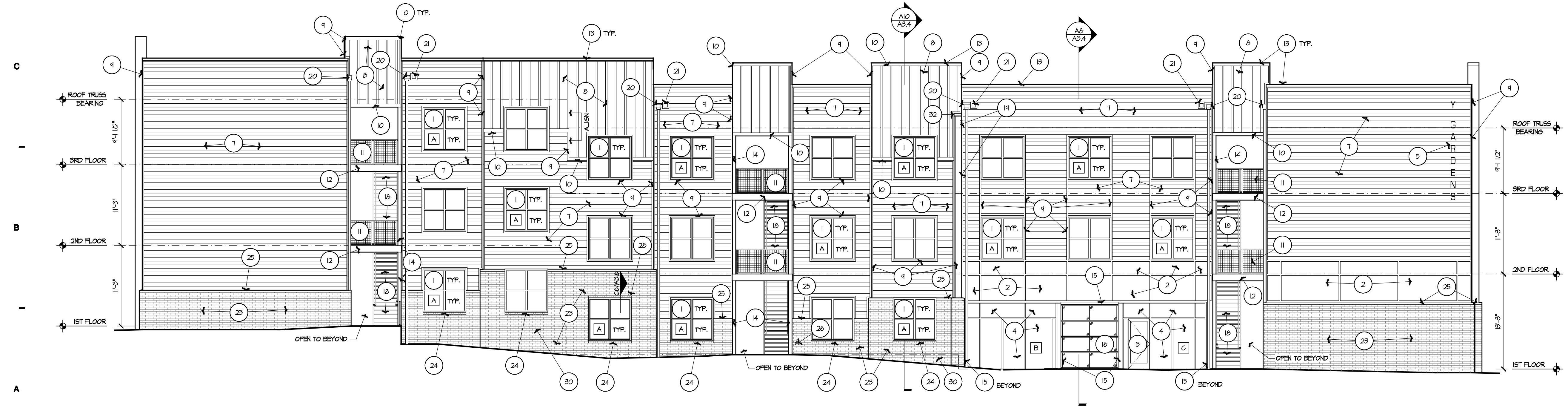
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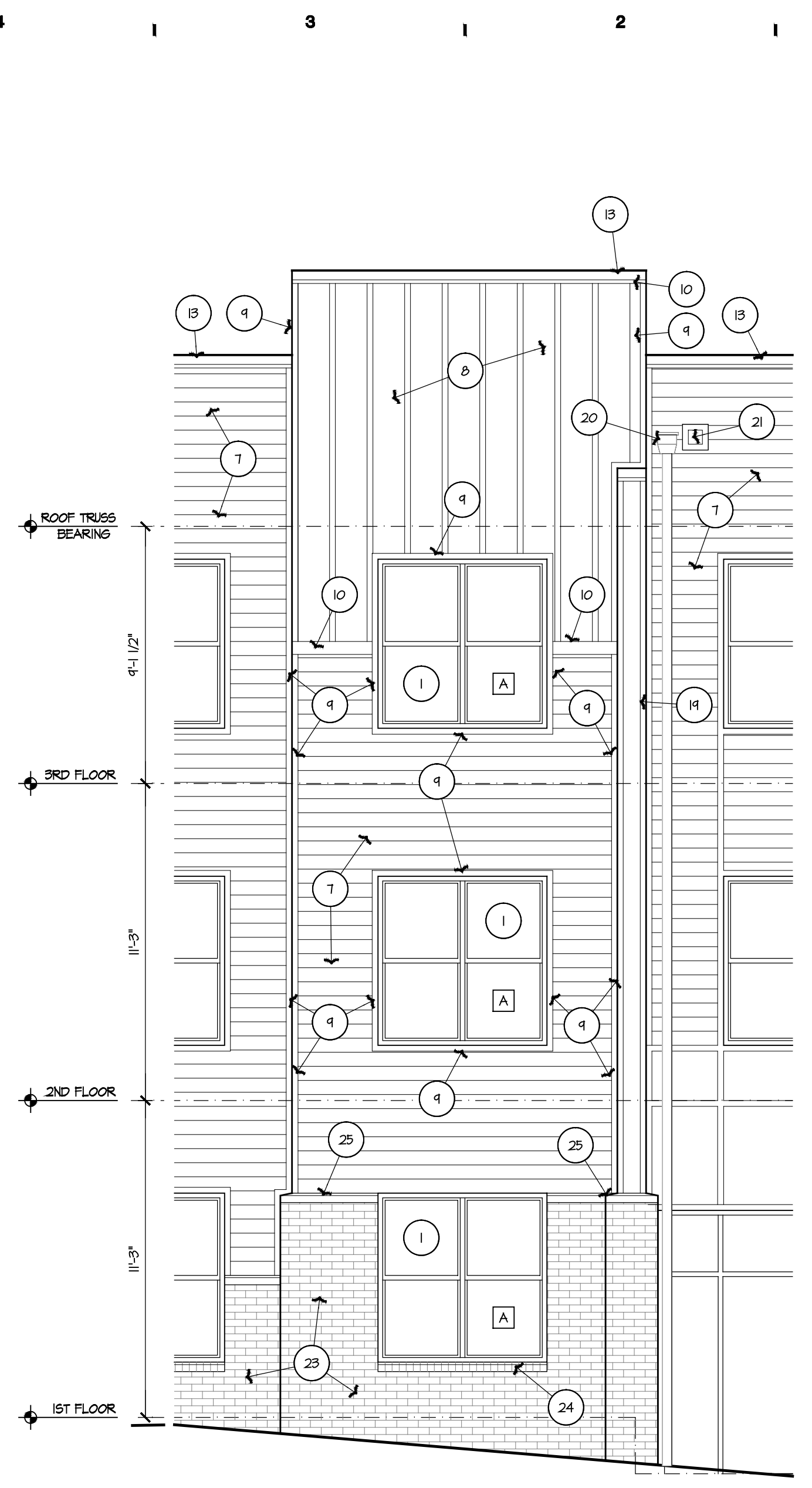
F10 SECONDARY ELEVATIONS
SCALE: 1/8"=1'-0"



D8 SOUTH ELEVATION
SCALE: 1/8"=1'-0"



A6 COURTYARD / WEST ELEVATION
SCALE: 1/8"=1'-0"



D3 TYPICAL ELEVATION
SCALE: 1/4"=1'-0"

KEY NOTES

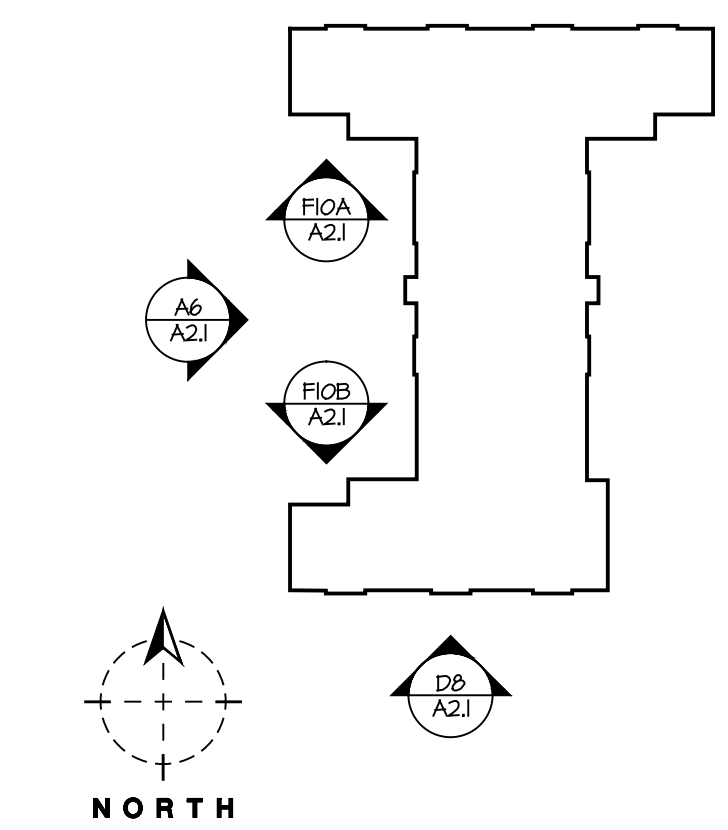
- VINYL WINDOW PER SCHEDULE. QUAKER ADVANTEDGE SERIES BASIS OF DESIGN. 085313
- CEMENT FIBER VERTICAL SIDING PANEL W/ 2 1/2" CEMENT FIBER BORDER TRIM. SMOOTH PANEL & TRIM TEXTURE. INCLUDE HORIZONTAL Z-FLASHING AT ALL HORIZONTAL TRIM PER MANUFACTURER'S RECOMMENDATIONS. PAINT COLOR AS INDICATED. 074646
- ALUMINUM STOREFRONT ENTRANCE. 084115
- ALUMINUM STOREFRONT SYSTEM. KANNEER TRIFAB 451UT BASIS OF DESIGN. 084115
- BUILDING SIGNAGE W/ 12" TALL CLEAR ANODIZED CHANNEL LETTERS. FONT TO BE SELECTED BY OWNER. 01400
- WALL MOUNTED ELECTRICAL EQUIPMENT. RE: ELECTRICAL
- CEMENT FIBER BOARD LAP SIDING. 6" EXPOSURE. SMOOTH TEXTURE. PAINT COLOR AS INDICATED. 074646
- CEMENT FIBER VERTICAL SIDING W/ BATTENS AT 16" O.C. SMOOTH PANEL & BATTEN TEXTURE. PAINT COLOR AS INDICATED. 074646
- 2 1/2" CEMENT FIBER BOARD TRIM. TEXTURE & FINISH TO MATCH ADJACENT CEMENT FIBER BOARD SIDING UNLESS NOTED OTHERWISE (U.N.). 074646
- SAME AS NOTE 9 EXCEPT 5 1/2" TRIM. 074646
- GALVANIZED HSS METAL RAILING WITH 3" X 3" WELDED WIRE MESH PANELS. 085213
- COMPOSITE WOOD FASCIA ATTACH TO STAIR/DECK FRAMING. COLOR & FINISH TO MATCH COMPOSITE DECKING. 061535
- PRE-FINISHED METAL COPING W/ HEMMED EDGE. COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. 071100
- TREATED TIMBER COLUMN. STAIN TO MATCH COMPOSITE DECKING. RE: STRUCTURAL
- PRE-FINISHED BREAK METAL INFILL PANEL. 071100
- FULL VIEW ALUMINUM & GLASS SECTIONAL DOOR. 083615
- EXTERIOR HOLLOW METAL DOOR. PAINT. RE: DOOR SCHEDULE. 081115
- STEEL & WOOD STAIR. TREATED WOOD CARRIAGES BOLTED TO HG CHANNEL STEEL STRINGERS. RE: STRUCTURAL. TREADS & LANDING DECKING TO BE 2X6 NOMINAL COMPOSITE WOOD PLANK. 061535
- KYNAR 500 PRE-FINISHED 1 HOUR RATED EXTERIOR EXPANSION JOINT COVER MODE. 15W-400 AS MANUFACTURED BY CONSTRUCTION SPECIALTIES. COLOR AS SELECTED FROM MANUFACTURER'S STANDARD COLOR CHART.
- PRE-FINISHED CONDUCTOR HEAD & DOWNSPOUT. TERMINATE AT STORM SEWER INLET. RE: CIVIL. 076200
- OVERFLOW THROUGH WALL SCUPPER. BOTTOM OF SCUPPER TO BE LOCATED 2" ABOVE BOTTOM OF ADJACENT SCUPPER. RE: ROOF PLAN & 64/A1/A. 076200 & 072200
- SIMILAR TO NOTE 20 EXCEPT TERMINATE AT GRADE. PROVIDE CONCRETE SPLASH BLOCK. 076200
- FACE BRICK MASONRY VENEER. 042115
- BRICK ROYALOCK SILL. USE SOLID UNITS AT EXPOSED ENDS. 042115
- BRICK ROYALOCK CAP. ALIGN TOP OF CAP W/ WINDOW HEAD OR WINDOW MEETING RAIL AS SHOWN ON ELEVATIONS. USE SOLID UNITS AT EXPOSED ENDS. 042115
- FIRE DEPARTMENT CONNECTION. RE: MEP
- INSULATED STEEL SECTIONAL DOOR. 083615
- BRICK HEADER COURSE WINDOW HEADER. 042115
- CONCRETE STEM WALL. RE: STRUCTURAL. INSTALL COLD FLUID-APPLIED WATERPROOFING PRIOR TO INSTALLATION OF INSULATION/ MASONRY & / OR FINISH GRADING. 071416
- SAME AS NOTE 24 EXCEPT SHOWN BEYOND AS DASHED. RE: STRUCTURAL
- BLOCK RETAINING WALL SHOWN AS DASHED FOR CLARITY. RE: CIVIL
- PRE-FINISHED SHEET METAL CAP. RE: ROOF PLAN

ELEVATION GENERAL NOTES

- A. INSTALL COMPLETE SIDING SYSTEM ON SHEATHING. SIDING SYSTEM MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS. INSTALL SIDING, TRIM, CAULK & FLASHING PER MANUFACTURER'S INSTRUCTIONS. SMOOTH FINISH. ALL DETAILS SHALL BE AS REQ'D BY THE MANUFACTURER.
- B. CAULK ALL WINDOW FRAMES, DOOR FRAMES, DOOR SILLS, TRIM & EXTERIOR WALL PENETRATIONS AS REQUIRED FOR WATERPROOF PERFORMANCE. COLOR TO MATCH ADJACENT TRIM / WALL SURFACE COLOR. USE CAULK TYPE RECOMMENDED BY MANUFACTURER FOR SPECIFIC JOINT MATERIAL & CONDITION.
- C. ALL COLOR SELECTIONS BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
- D. ALL OPERABLE WINDOWS AT DWELLING UNITS ABOVE THE FIRST FLOOR TO HAVE OPENING CONTROL DEVICES.

EXTERIOR FINISHES

- A. CEMENT FIBER VERTICAL SIDING W/ 2 1/2" CEMENT FIBER BORDER TRIM. JAMES HARDIE. SMOOTH TEXTURE. COLOR: EXTERIOR PAINT 1 (EXT-P1) (TBD).
- B. FACE BRICK VENEER. KING SIZE. COLOR TO TBD.
- C. CEMENT FIBER VERTICAL SIDING W/ BATTEN BOARDS AT 16 O.C. JAMES HARDIE. TEXTURE: SMOOTH. COLOR: EXT-P2 (TBD).
- D. CEMENT FIBER LAP SIDING (6" EXPOSURE). JAMES HARDIE. TEXTURE: SMOOTH. COLOR: EXT-P3 (TBD) OR EXT-P4 (TBD). CONTRACTOR TO ALLOW FOR TWO COLOR SCHEMES AT ALL LAP SIDING.

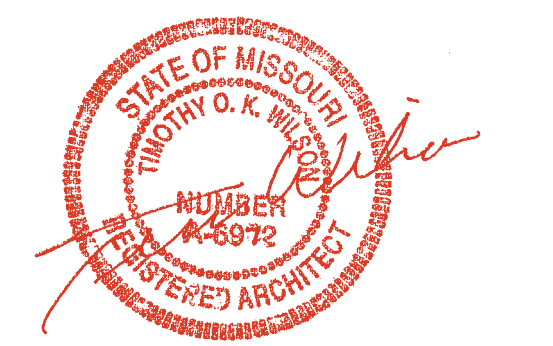


ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS
1255 E. CHESTNUT
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ARCHITECT - TIMOTHY O.K. WILSON
MO. LICENSE NO. A-6972



ELEVATIONS

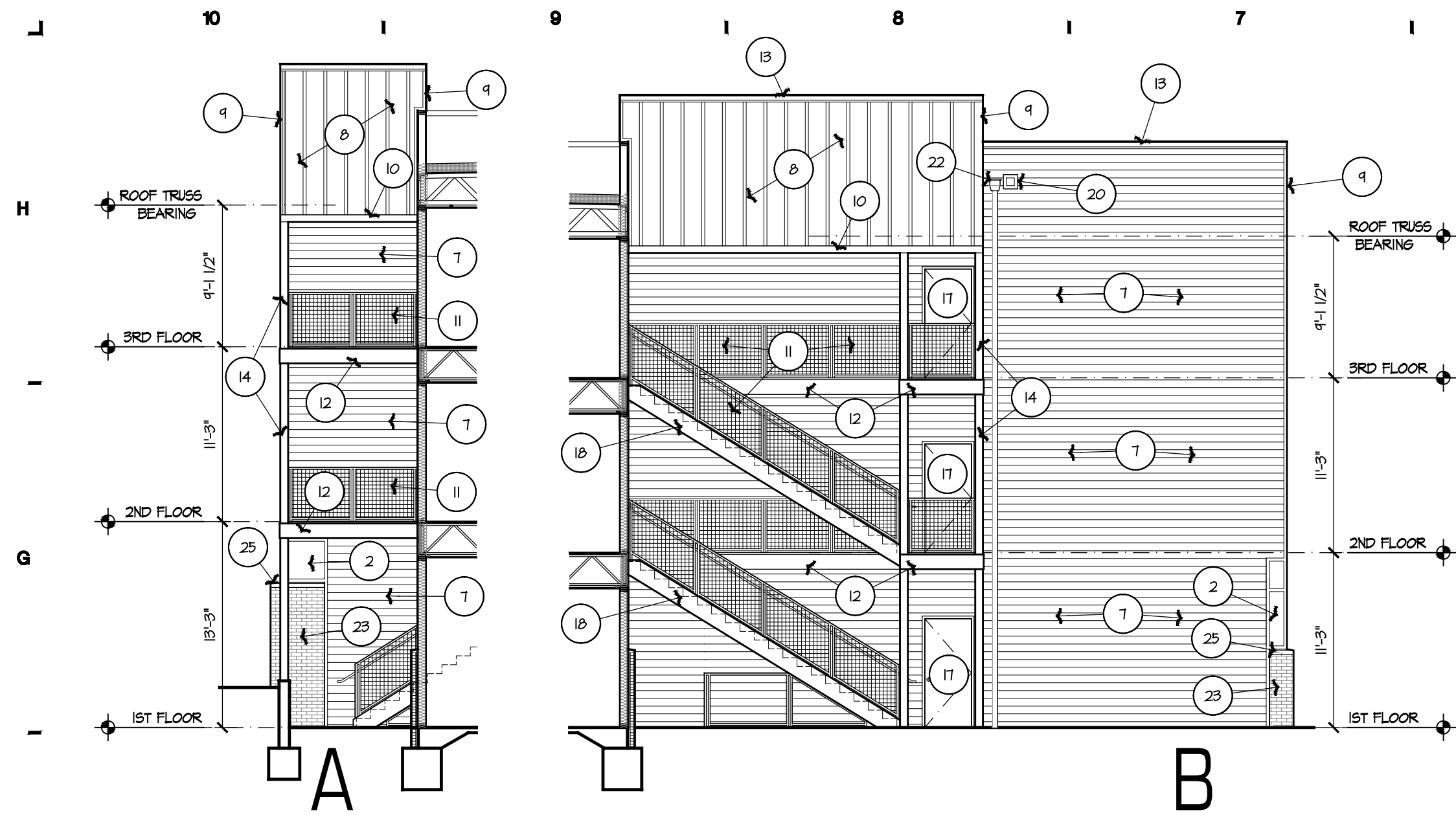
ISSUE DATE:
02.04.2019
REVISIONS:

PROJECT NO.: 1817

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F10 SECONDARY ELEVATIONS
SCALE: 1/8"=1'-0"

F2 WINDOW FLASHING SEQUENCE
SCALE: NOT TO SCALE

D8 NORTH ELEVATION
SCALE: 1/8"=1'-0"

A6 EAST ELEVATION
SCALE: 1/8"=1'-0"

KEY NOTES

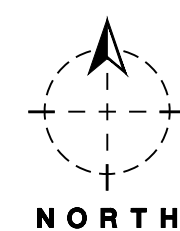
- VINYL WINDOW PER SCHEDULE. QUAKER ADVANTEGE SERIES BASIS OF DESIGN. 085913
- CEMENT FIBER VERTICAL SIDING PANEL W/ 2 1/2" CEMENT FIBER BORDER TRIM. SMOOTH PANEL & TRIM TEXTURE. INCLUDE HORIZONTAL Z-FLASHING AT ALL HORIZONTAL TRIM PER MANUFACTURER'S RECOMMENDATIONS. PAINT COLOR AS INDICATED. 074646
- ALUMINUM STOREFRONT ENTRANCE. 084115
- ALUMINUM STOREFRONT SYSTEM. KANNEER TRIFAB 4517 BASIS OF DESIGN. 084115
- BUILDING SIGNAGE W/ 12" TALL CLEAR ANODIZED CHANNEL LETTERS. FONT TO BE SELECTED BY OWNER. 01400
- WALL MOUNTED ELECTRICAL EQUIPMENT. RE: ELECTRICAL
- CEMENT FIBER BOARD LAP SIDING. 6" EXPOSURE. SMOOTH TEXTURE. PAINT COLOR AS INDICATED. 074646
- CEMENT FIBER VERTICAL SIDING W/ BATTENS AT 16" O.C. SMOOTH PANEL & BATTEN TEXTURE. PAINT COLOR AS INDICATED. 074646
- 2 1/2" CEMENT FIBER BOARD TRIM. TEXTURE & FINISH TO MATCH ADJACENT CEMENT FIBER BOARD SIDING UNLESS NOTED OTHERWISE (N.O.). 074646
- SAME AS NOTE '1' EXCEPT 5 1/2" TRIM. 074646
- GALVANIZED HSS METAL RAILING WITH 3" X 3" WELDED WIRE MESH PANELS. 085213
- COMPOSITE WOOD FASCIA ATTACHED TO STAIR/DECK FRAMING. COLOR & FINISH TO MATCH COMPOSITE DECKING. 081533
- REFINISHED METAL CORING W/ HEMMED EDGE. COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. 071100
- TREATED TIMBER COLUMN. STAIN TO MATCH COMPOSITE DECKING. RE: STRUCTURAL
- PRE-FINISHED BREAK METAL INFILL PANEL. 071100
- FULL VIBR ALUMINUM & GLASS SECTIONAL DOOR. 083615
- EXTERIOR HOLLOW METAL DOOR. PAINT. RE: DOOR SCHEDULE. 081113
- STEEL & WOOD STAIR. TREATED WOOD CARRIAGES BOLTED TO 16" CHANNEL STEEL STRINGERS. RE: STRUCTURAL. TREADS & LANDING DECKING TO BE 2X6 NOMINAL COMPOSITE WOOD PLANK. 061533
- KYNAR 500 REFINISHED 1 HOUR RATED EXTERIOR EXPANSION JOINT COVER MOLE. 15W-400 AS MANUFACTURED BY CONSTRUCTION SPECIALTIES. COLOR AS SELECTED FROM MANUFACTURER'S STANDARD COLOR CHART.
- PRE-FINISHED CONDUCTOR HEAD & DOWNSPOUT. TERMINATE AT STORM SEWER INLET. RE: CIVIL. 076200
- OVERFLOW THROUGH WALL SCUPPER. BOTTOM OF SCUPPER TO BE LOCATED 2" ABOVE BOTTOM OF ADJACENT SCUPPER. RE: ROOF PLAN & 64/A1.4 076200 & 071200
- SIMILAR TO NOTE 20 EXCEPT TERMINATE AT GRADE. PROVIDE CONCRETE SPLASH BLOCK. 076200
- FACE BRICK MASONRY VENEER. 042113
- BRICK ROYALOCK SILL. USE SOLID UNITS AT EXPOSED ENDS. 042113
- BRICK ROYALOCK CAP. ALIGN TOP OF CAP W/ WINDOW HEAD OR WINDOW MEETING RAIL AS SHOWN ON ELEVATIONS. USE SOLID UNITS AT EXPOSED ENDS. 042113
- FIRE DEPARTMENT CONNECTION. RE: MEP
- INSULATED STEEL SECTIONAL DOOR. 085615
- BRICK HEADER COURSE WINDOW HEADER. 042113
- CONCRETE STEM WALL. RE: STRUCTURAL. INSTALL COLD FLUID-APPLIED WATERPROOFING PRIOR TO INSTALLATION OF INSULATION/ MASONRY & / OR FINISH GRADING. 07416
- SAME AS NOTE 24 EXCEPT SHOWN BEYOND AS DASHED. RE: STRUCTURAL
- BLOCK RETAINING WALL SHOWN AS DASHED FOR CLARITY. RE: CIVIL
- PRE-FINISHED SHEET METAL CAP. RE: ROOF PLAN

ELEVATION GENERAL NOTES

- A. INSTALL COMPLETE SIDING SYSTEM ON SHEATHING. SIDING SYSTEM MANUFACTURED BY JAMES HARDIE BUILDING PRODUCTS. INSTALL SIDING, TRIM, CAULK & FLASHING PER MANUFACTURER'S INSTRUCTIONS. SMOOTH FINISH. ALL DETAILS SHALL BE AS REQ'D BY THE MANUFACTURER.
- B. CAULK ALL WINDOW FRAMES, DOOR FRAMES, DOOR SILLS, TRIM & EXTERIOR WALL PENETRATIONS AS REQUIRED FOR WATERPROOF PERFORMANCE. COLOR TO MATCH ADJACENT TRIM / WALL SURFACE COLOR. USE CAULK TYPE RECOMMENDED BY MANUFACTURER FOR SPECIFIC JOINT MATERIAL & CONDITION.
- C. ALL COLOR SELECTIONS BY ARCHITECT FROM MANUFACTURER'S FULL RANGE.
- D. ALL OPERABLE WINDOWS AT DWELLING UNITS ABOVE THE FIRST FLOOR TO HAVE OPENING CONTROL DEVICES.

EXTERIOR FINISHES

- A. CEMENT FIBER VERTICAL SIDING W/ 2 1/2" CEMENT FIBER BORDER TRIM. JAMES HARDIE. SMOOTH TEXTURE. COLOR: EXTERIOR PAINT 1 (EXT-P1) (TBD).
- B. FACE BRICK VENEER. KING SIZE. COLOR TO TBD.
- C. CEMENT FIBER VERTICAL SIDING W/ BATTEN BOARDS AT 16 O.C. JAMES HARDIE. TEXTURE: SMOOTH. COLOR: EXT-P2 (TBD).
- D. CEMENT FIBER LAP SIDING (6" EXPOSURE). JAMES HARDIE. TEXTURE: SMOOTH. COLOR: EXT-P3 (TBD) OR EXT-P4 (TBD). CONTRACTOR TO ALLOW FOR TWO COLOR SCHEMES AT ALL LAP SIDING.

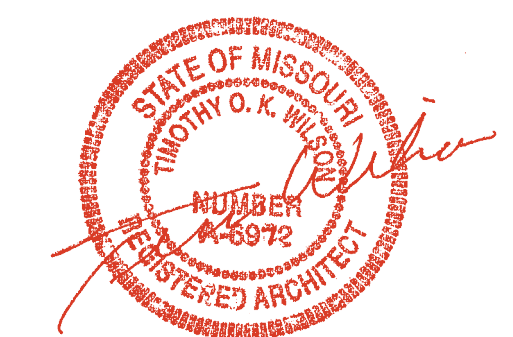


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ELEVATION

ISSUE DATE:

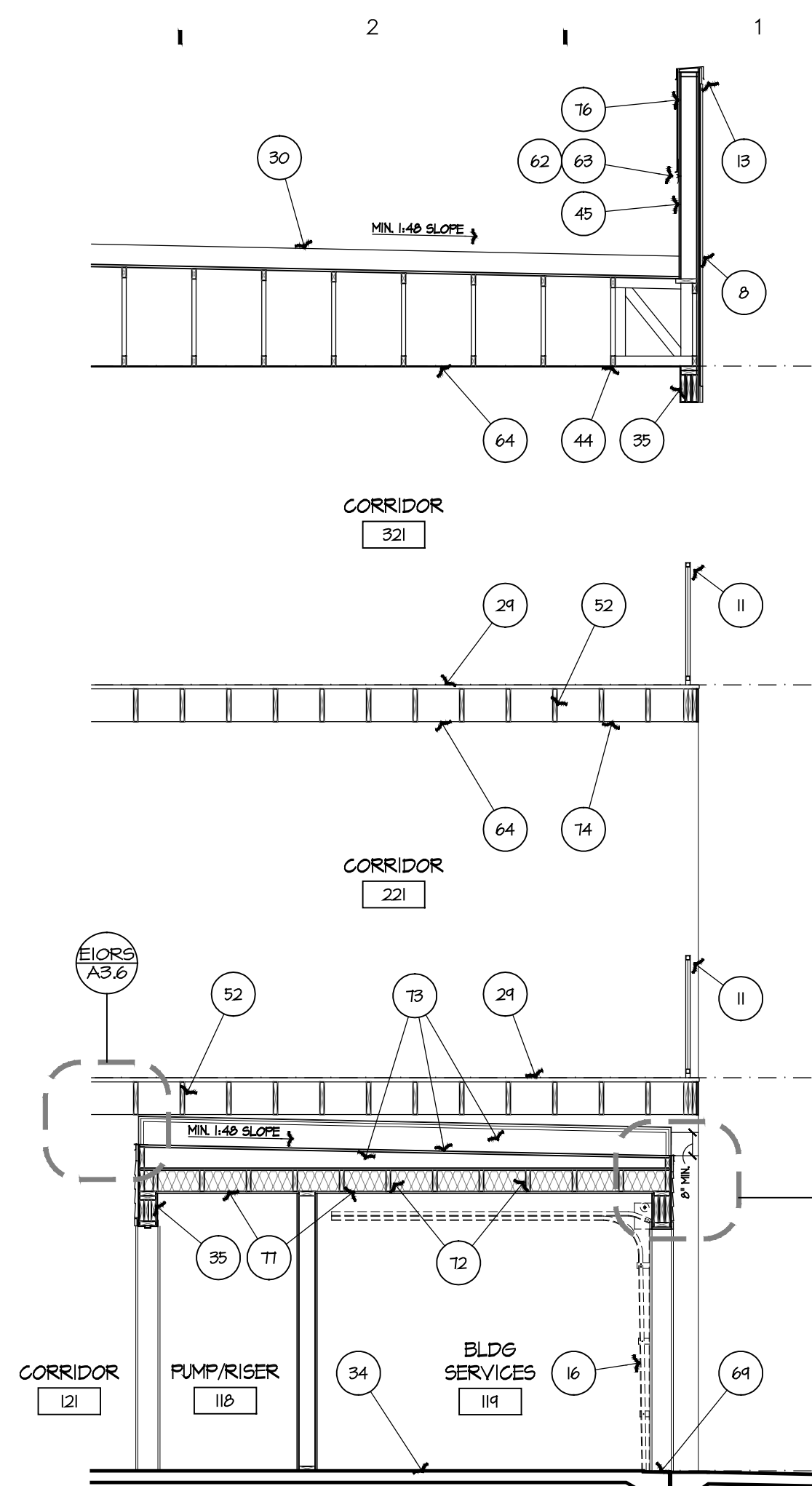
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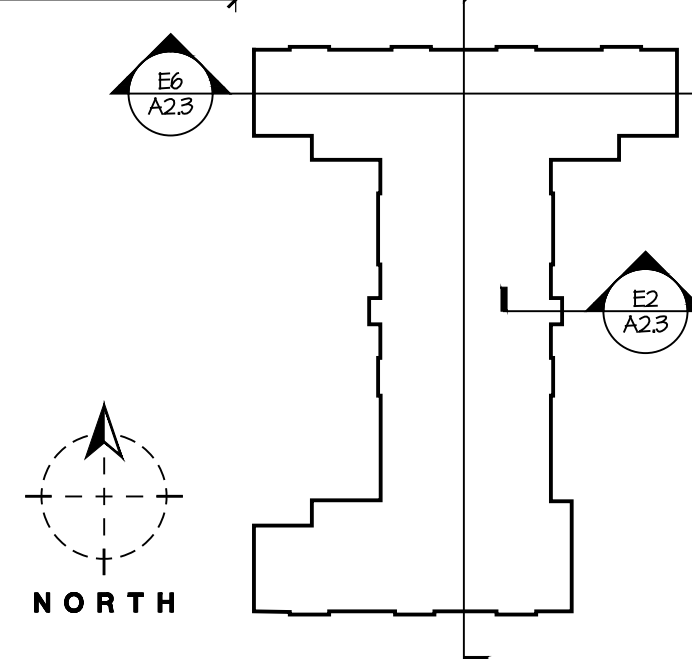
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E2 PARTIAL SECTION
SCALE: 1/4"=1'-0"



VINYL WINDOW PER SCHEDULE. GRABBAR ADVANTAGE SERIES BASIS OF DESIGN. 06B513

2. CENTRE FIBRE VERTICAL SIDING PANEL N/A 1/2" CENTRE FIBRE BOARD 2X8 SHOOTING PANE. 4" TRIM TEXTURE INCLUDE HORIZONTAL Z-FLASHING AT ALL JOINTS. HORIZONTAL TRIM MANUFACTURER'S RECOMMENDATIONS. PAINT AS SHOWN. 074646

3. ALUMINUM STOREFRONT ENTRANCE. 06A415

4. ALUMINUM STOREFRONT SYSTEM. KANNEER TRUFIB 45UT 1/2" ALUMINUM. 074646

5. BUILDING SIGNAGE N/A 12" TALL CLEAR ANODIZED CHROME LETTERS. PAINT TO BE SELECTED BY OWNER. 10E040

6. WALL MOUNTED ELECTRICAL EQUIPMENT. RE. ELECTRICAL

7. CENTRE FIBRE BOARD 2X8 SHOOTING PANE. 4" TRIM TEXTURE. PAINT COLOR AS INDICATED. 074646

8. CENTRE FIBRE VERTICAL SIDING N/B BATTENS AT 16" O.C. 2X12" PANEL. 8" BATTEN TEXTURE. PAINT COLOR AS INDICATED. 074646

9. 1/2" 2X12 CENTRE FIBRE BOARD TRIM. TEXTURE & FINISH TO MATCH ADJACENT CENTRE FIBRE BOARD SIDING UNLESS OTHERWISE NOTED. 074646

10. SAME AS NOTE 9 EXCEPT 5 1/2" TRIM. 074646

11. GALVANIZED 16SG METAL RAILING WITH 3" X 3" WELDED REIN. MESH PANELS. 05B235

12. GALVANIZED 16SG METAL RAILING WITH STAIR DECK FRAMING. COLOR & FINISH TO MATCH ADJACENT COLOR. 06B535

13. FINISHED METAL COPING N/H HEMMED EDGE. COPING TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. 07T000

14. FINISH TIMBER COLOR. STAIN TO MATCH COMPOSITE DECKING. RE. STRUCTURAL

15. PRE-FINISHED BRK METAL INFILL PANEL. 07T000

16. FULL VIN ALUMINUM 4 GLASS SECTIONAL DOOR. 06B615

17. FULL VIN ALUMINUM 4 GLASS DOOR. PAINT. RE. DOOR SCHEDULE. 06B115

18. STEEL 1 XWOOD STAIR. TREATED WOOD GARRIAGES BOLTED TO MC CHANNEL STEEL STRINGERS. RE. STRUCTURAL

19. KYNAR 500 PREFINISHED 1 HOUR RATED EXTERIOR INSULATION JOINT MASONRY. 15" X 15" AS MANUFACTURED BY CONSTRUCTION SPECIALTIES. COLOR AS INDICATED FROM MANUFACTURES STANDARD COLOR CHART. 074146

20. 1/2" RC-RESILIENT CANAL.

21. 5/8" FIRE RATED FIBERGLASS-MAT FACED GYPSUM SHEATING. 074100

22. NOT USED

23. FACE BRICK MASONRY VENEER USE SOLID UNITS AT EXPOSED ENDS. 042015

24. 2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

25. BRICK ROLLOCK CAP. ALIGN TOP OF CAP W/ WINDOW HEMMED EDGE. 042015

26. ELEVATIONS. USE SOLID UNITS AT EXPOSED ENDS. 042015

27. FIRE DEPARTMENT CONNECTION. RE. MEP

28. INSULATED STEEL SECTIONAL DOOR. 06B615

29. GALVANIZED 16SG METAL RAILING. 3" X 3" WELDED REIN. MESH PANELS. 05B235

30. COMPOSITE WOOD PLANK DECKING. WOOD GRAN TEXTURE. 06B535

31. TPO SINGLE PLY ROOFING ON MIN 1/8" RIGID ROOF INSULATION. MIN 1/8" DECKING SLOPE TO TPO DRAIN. CONDUCTOR HEAD. MINIMUM SLOPE OF 1:48. RE. ROOF DRAIN. RE. STRUCTURAL. 074242

32. CONCRETE FOUNDATION. RE. STRUCTURAL

33. CONCRETE STEM WALL. RE. STRUCTURAL. INSTALL GOLD FLOOR-APPLIED WATERPROOFING PRIOR TO INSTALLATION

34. INSULATED MASONRY. 15" X 15" AS MANUFACTURED BY CONSTRUCTION SPECIALTIES. COLOR AS INDICATED FROM MANUFACTURES STANDARD COLOR CHART. 074146

35. R-10 RIGID INSULATION AT EDGE OF SLAB/ FOUNDATION. PERMITS INSULATION TO EXTEND MINIMUM 2'4" BELOW FINISH SLAB. 074200

36. REINFORCED CONCRETE SLAB OVER 5 MIL VAPOR BARRIER. RE. STRUCTURAL

37. WOOD HEADER. RE. STRUCTURAL

38. 6" GYP BOARD (6" B'D) WINDOW HEAD & JAMB RETURN. 074200

39. 1" X EASED EDGE WOOD WINDOW SIDING 1/4" 3/4" QUARTER ROUND APRON. PAINT. 06B235

40. INSULATED MASONRY. 15" X 15" AS MANUFACTURED BY CONSTRUCTION SPECIALTIES. COLOR AS INDICATED FROM MANUFACTURES STANDARD COLOR CHART. 074146

41. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

42. 5/4" GYPSUM FLOOR UNDERLAY ON 3/4" TONGUE & GROOVE PLYWOOD. 06B415

43. MIN. R-20 BATT INSULATION. 072000

44. INSULATED RIGID ROOF DECKING. 1/2" DECKING SLOPE TO TPO DRAIN. CONDUCTOR HEAD. MINIMUM SLOPE OF 1:48. RE. ROOF DRAIN. RE. STRUCTURAL. 074242

45. PRE-ENGINEERED WOOD FLOOR TRUSS. RE. STRUCTURAL

46. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

47. 5/4" GYPSUM FLOOR UNDERLAY ON 3/4" TONGUE & GROOVE PLYWOOD. 06B415

48. PRE-ENGINEERED WOOD FLOOR TRUSS. TOP CHORD TO BE BUILT UP TO 12" DECKING. 1/2" DECKING SLOPE TO TPO DRAIN. CONDUCTOR HEAD. MINIMUM SLOPE OF 1:48. RE. ROOF DRAIN. RE. STRUCTURAL. 074242

49. TURN ROOF MEMBRANE UP & OVER PARAPET WALL. TERMINATE BEHIND METAL FLASHING.

50. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

51. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

52. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

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90. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

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99. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

100. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

101. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

102. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

103. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

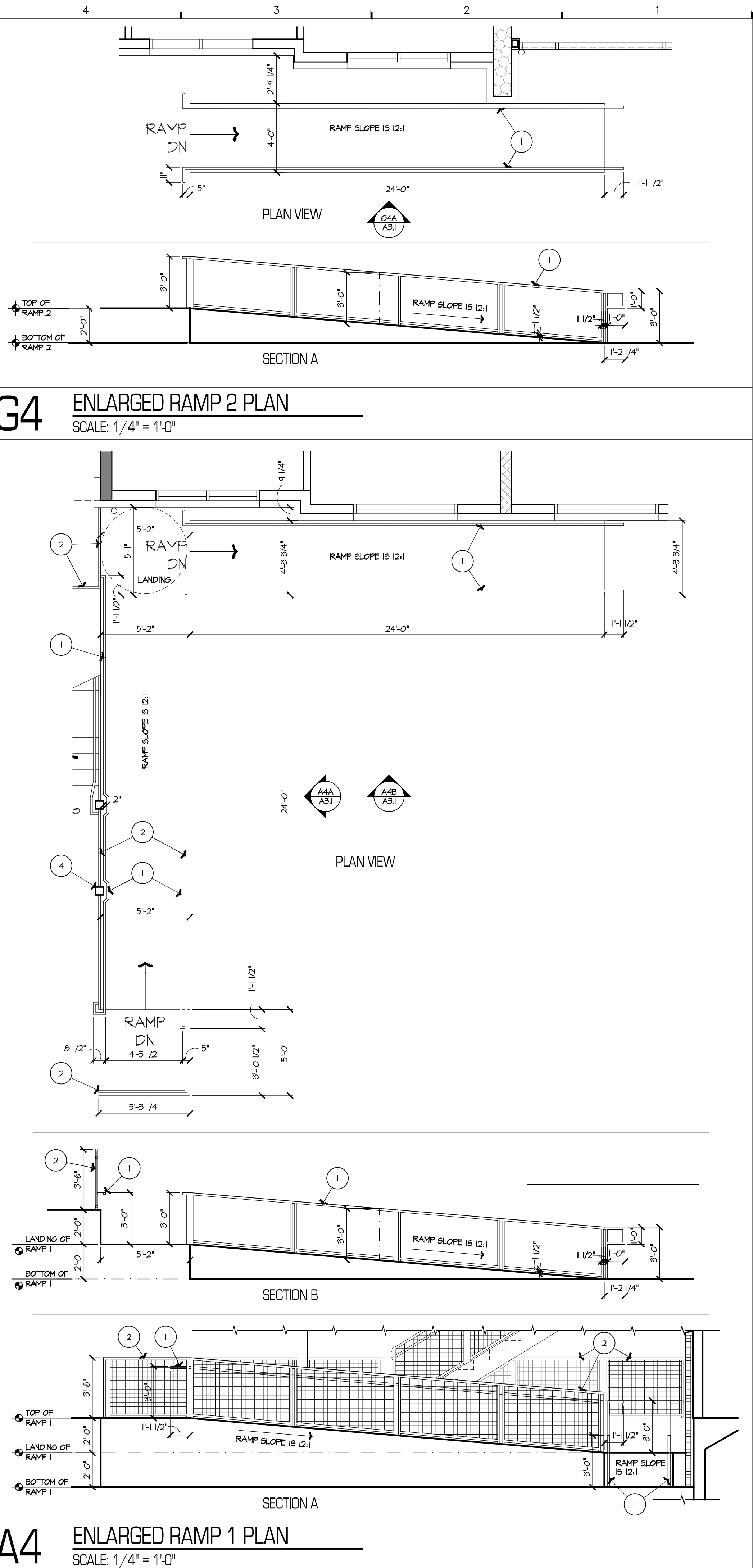
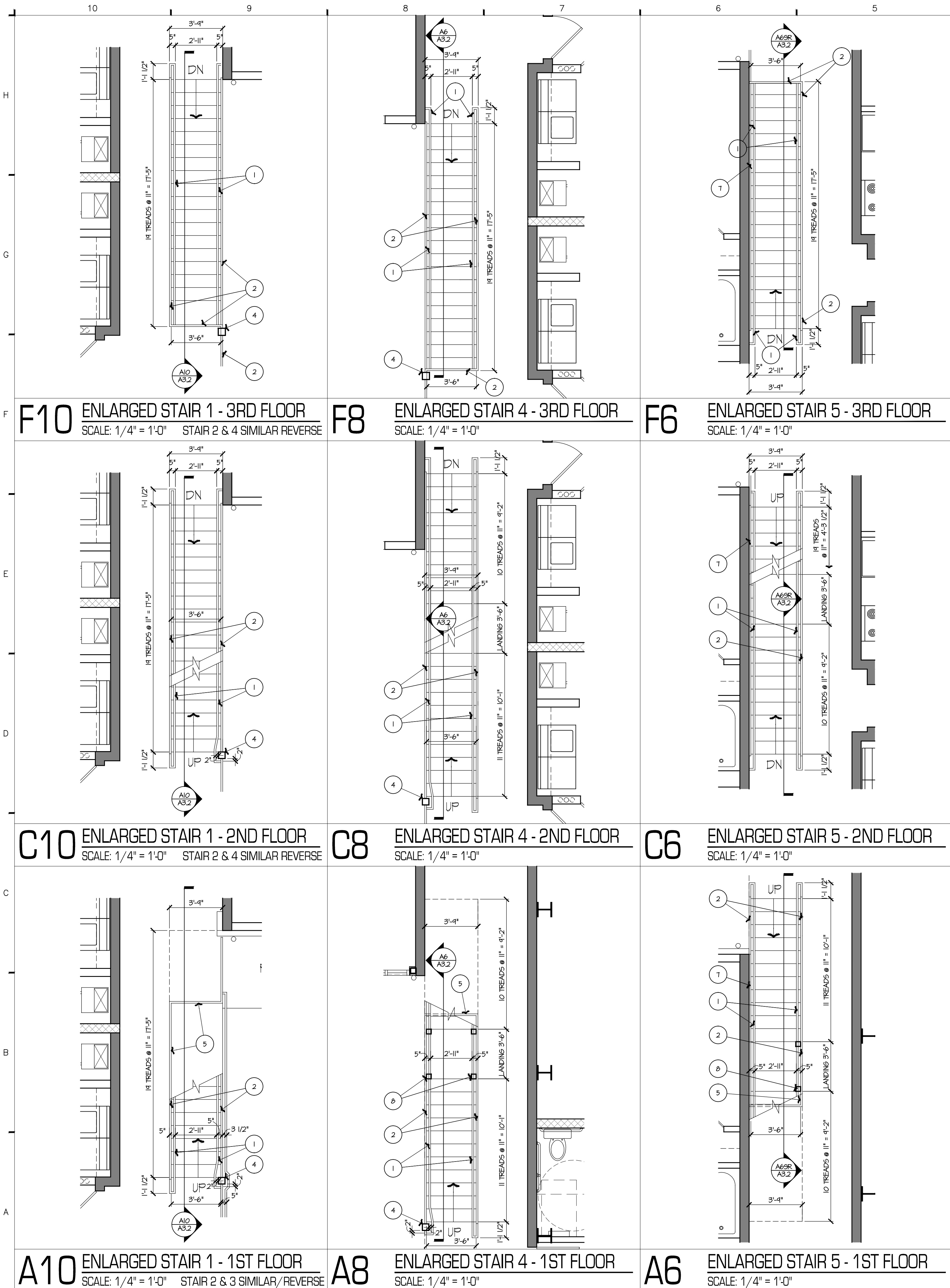
104. 1/2" RC ROLLOCK SLAB. USE SOLID UNITS AT EXPOSED ENDS 042015

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Feb 04,2019 11:54am



KEY NOTES

- 1 1/2" DIA. GALV. STEEL HANDRAIL, CONTINUOUS, MOUNT 2" OFF GUARDRAIL / WALL. EXTEND 1'-1 1/2" PAST TOP & BOTTOM RISER, TOP OF HANDRAIL SHALL BE 36" ABOVE STAIR NOSING & LANDINGS. TYPICAL. RETURN HANDRAIL TO WALL / GUARDRAIL OR GROUND. AT CONC. CORE DRILL FOR SLEEVED CONNECTION GROUT & CAULK. TYP. AT RAMP LOCATIONS WHERE ADJACENT DROP OFF IS 24" OR LESS ADD 1 1/2" BOTTOM BAR 1 1/2" A.F.F.
- 42" HIGH 1 1/2" SQ. GALV. STEEL GUARDRAIL W/ BOTTOM BAR 1 1/2" A.F.F. W/ GALV. WIRE MESH BETWEEN BARS. MOUNT TO DECK W/ GALV. STEEL PLATE & BOLTS. AT CONC. CORE DRILL FOR SLEEVED CONNECTION GROUT & CAULK. AT STEEL STAIR STRINGER WELD TO STRINGER. TYP.
- COMPOSITE DECKING.
- TREATED WOOD COLUMN. REFER TO STRUCTURAL.
- INSTALL GUARDRAIL UNDER STAIR WHERE BOTTOM OF STAIR CONSTRUCTION IS BELOW 6'-10" A.F.F..
- 2X TREATED WOOD FRAMING. REFER TO STRUCTURAL.
- GALVANIZED STEEL STAIR STRINGER. REFER TO STRUCTURAL.
- TREATED WOOD POST FOR LANDING SUPPORT. REFER TO STRUCTURAL.
- 1"X12" CEMENT BOARD FACIA.

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MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS
1255 E. CHESTNUT
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SEAL
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MO. LICENSE NO. A-6972



ENLARGED PLANS

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02.04.2019
REVISIONS:

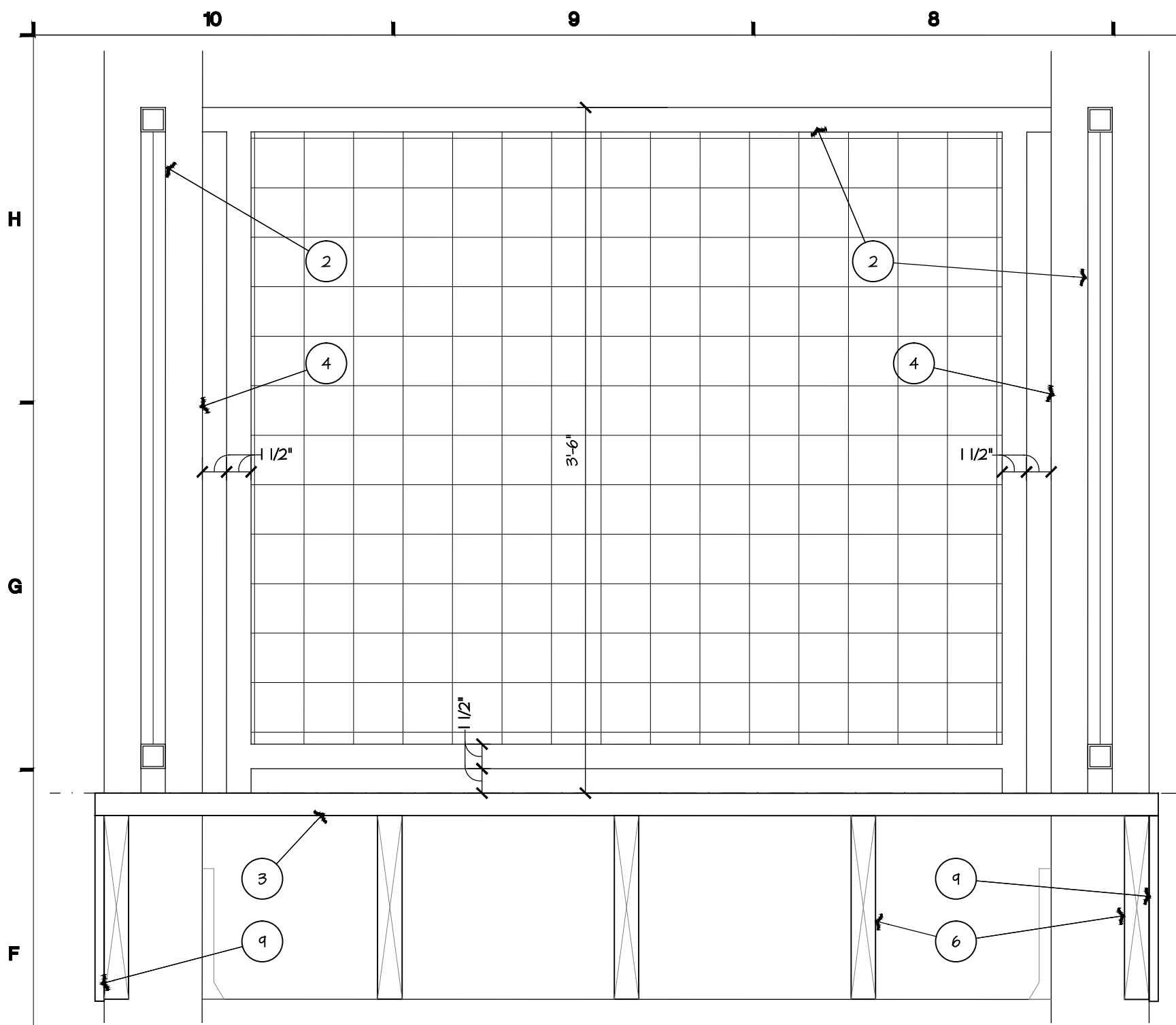
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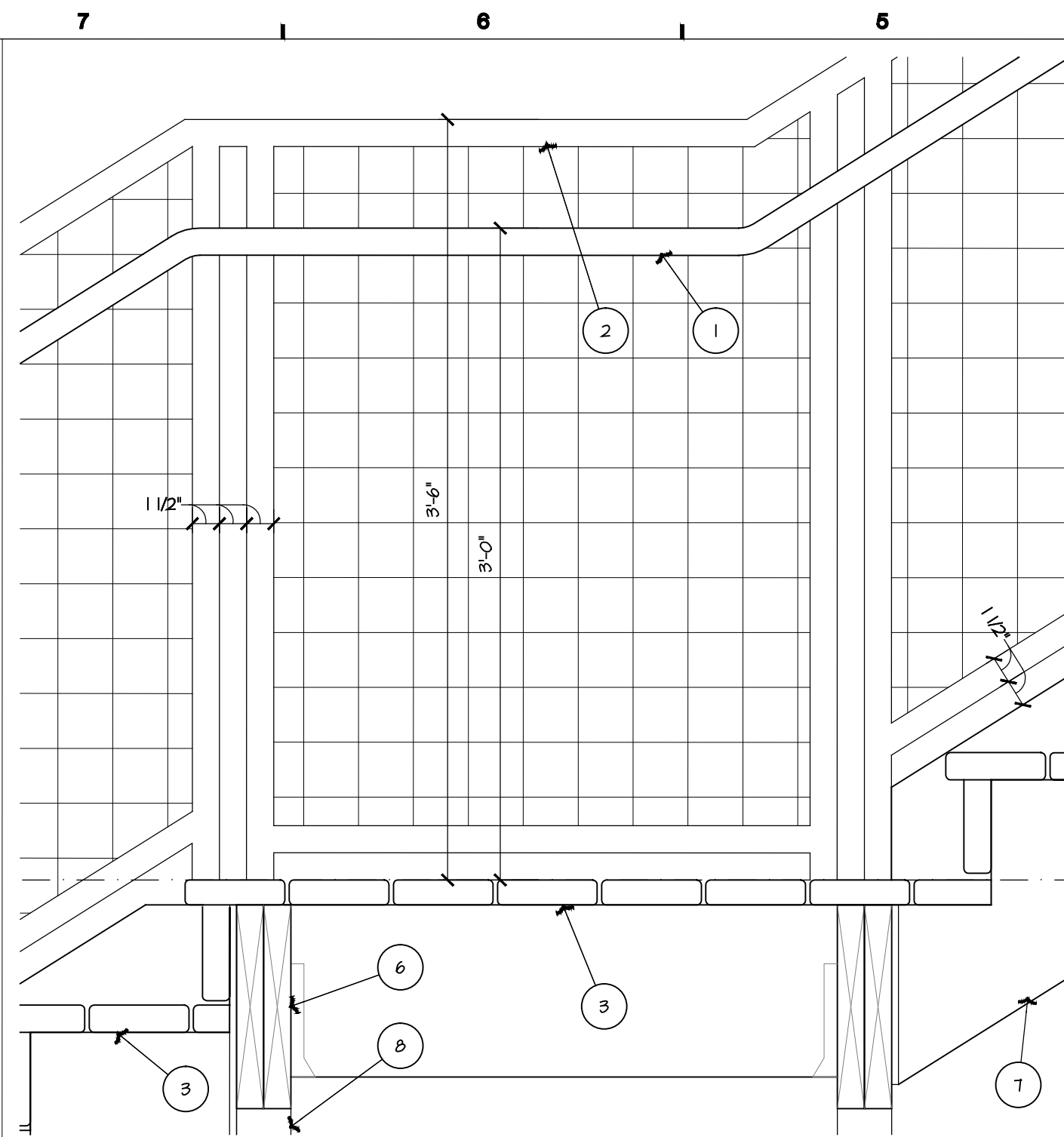
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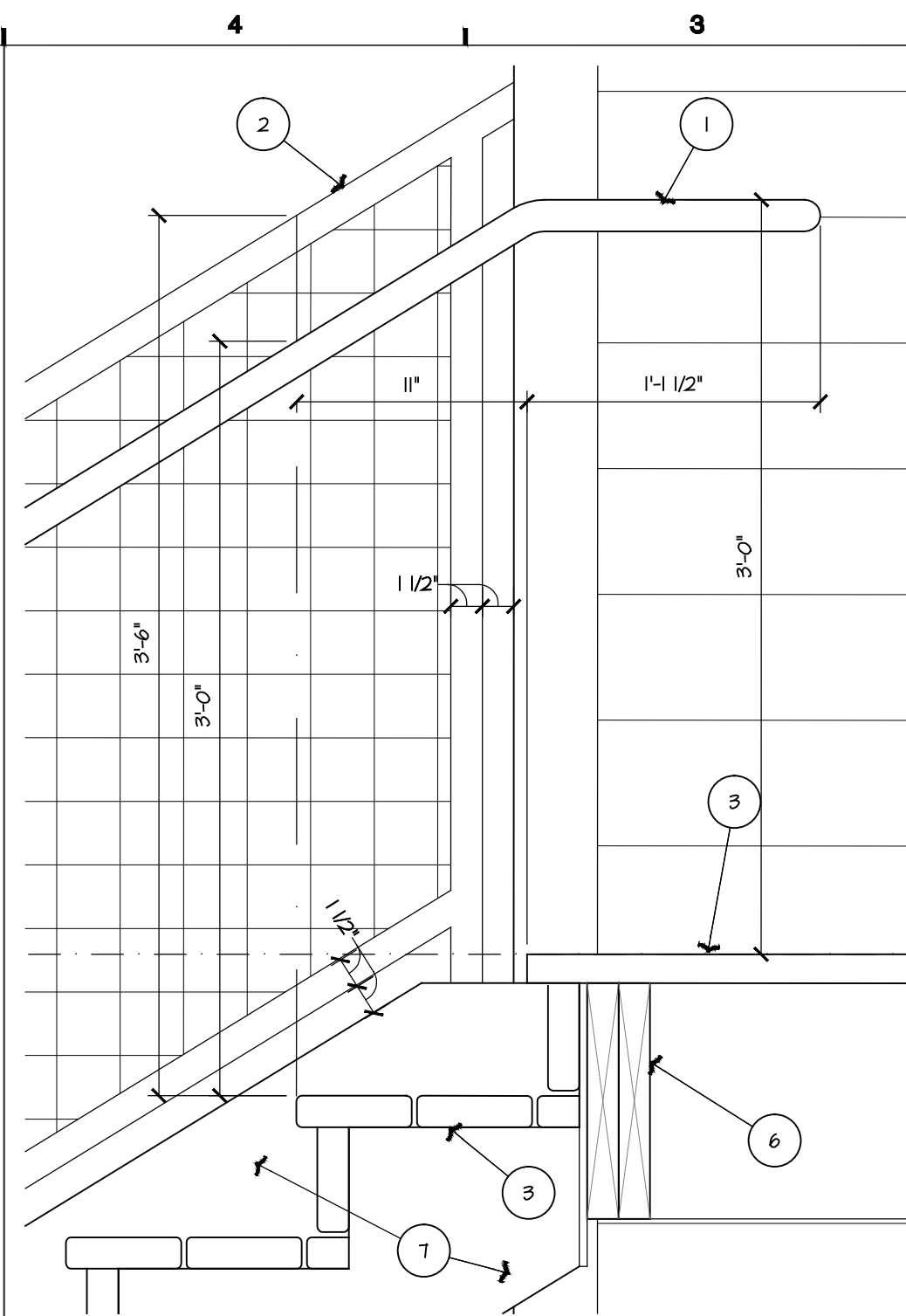
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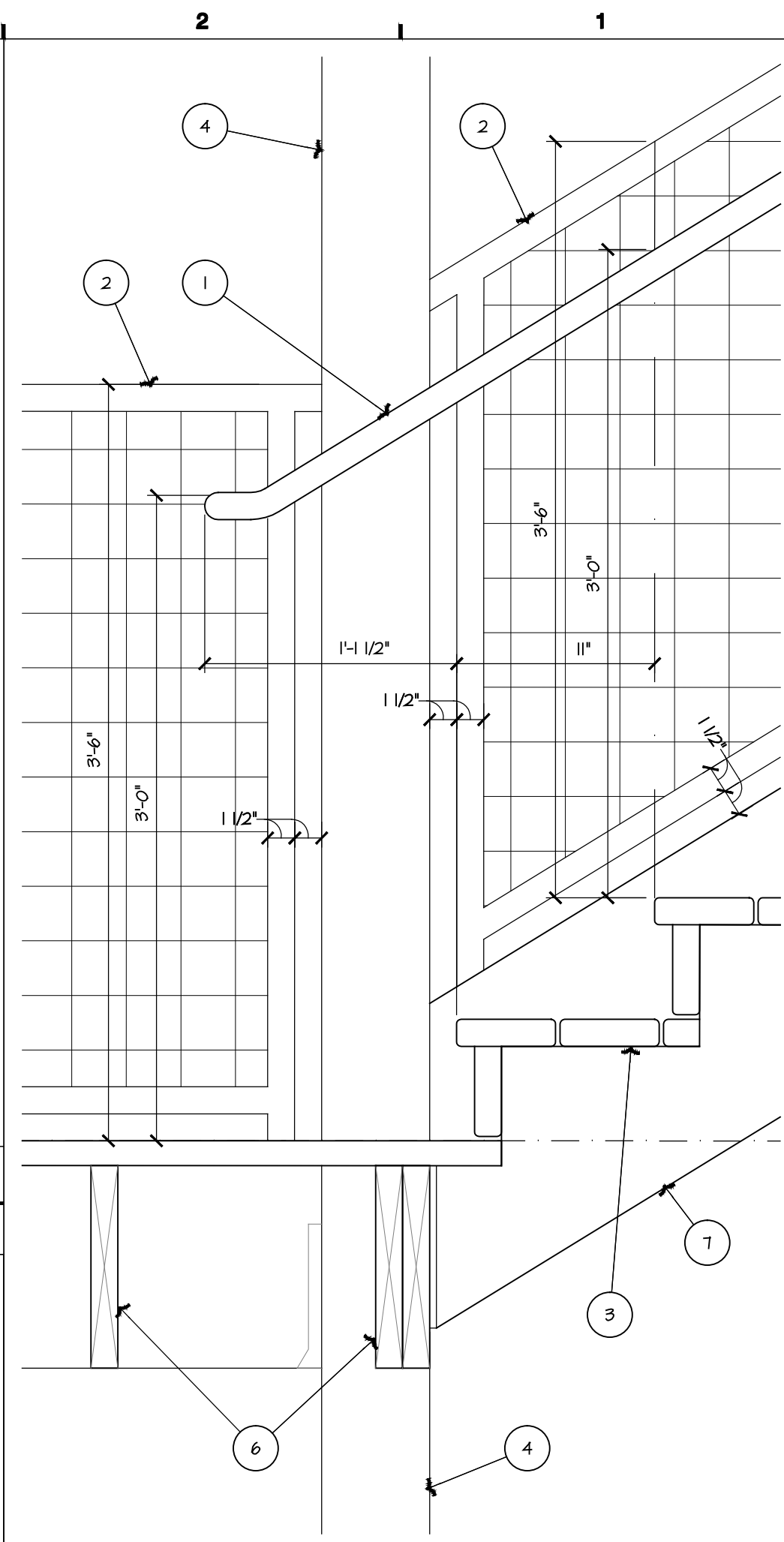
F10 STAIR DETAIL
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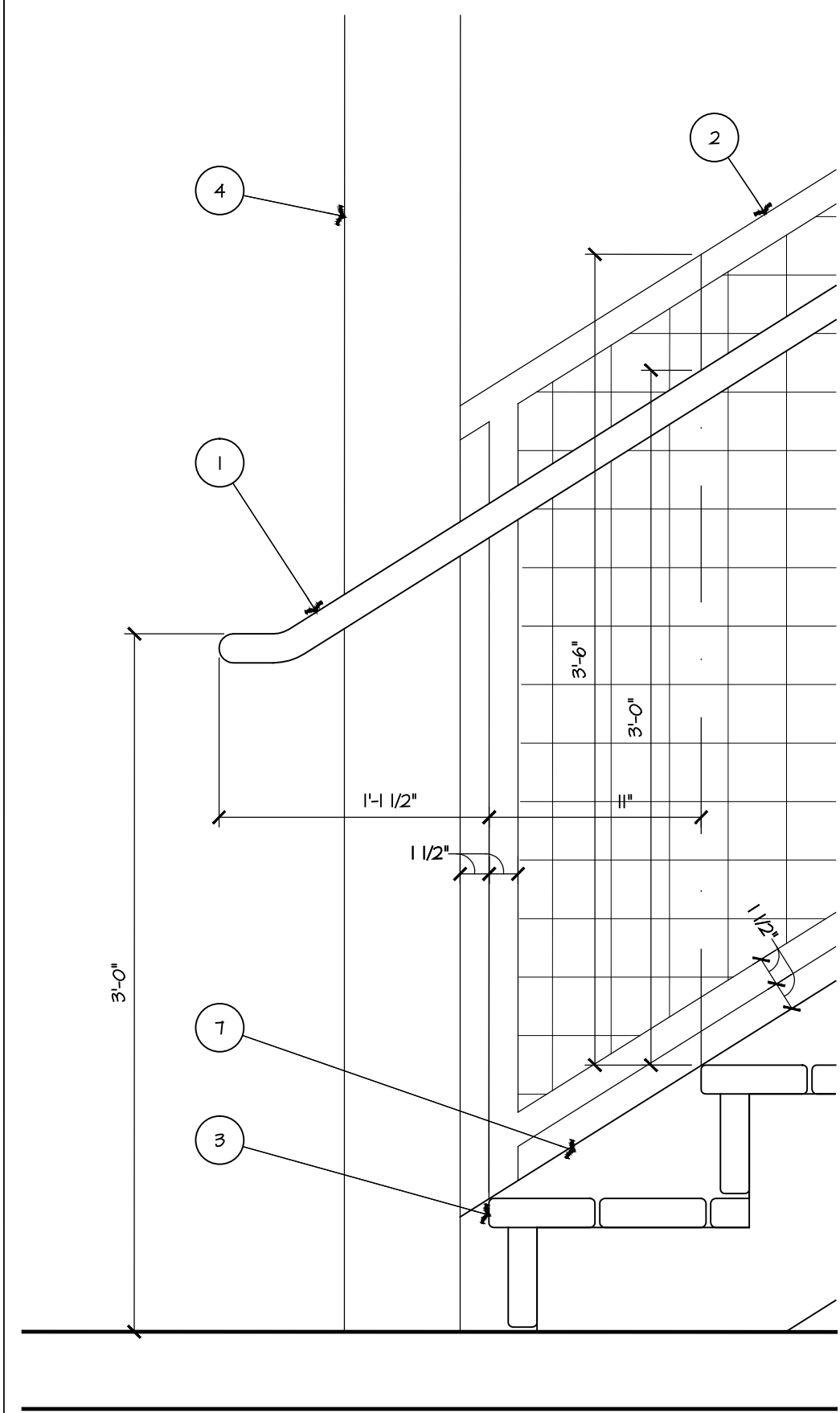
F7 STAIR DETAIL
SCALE: 1/4" = 1'-0"



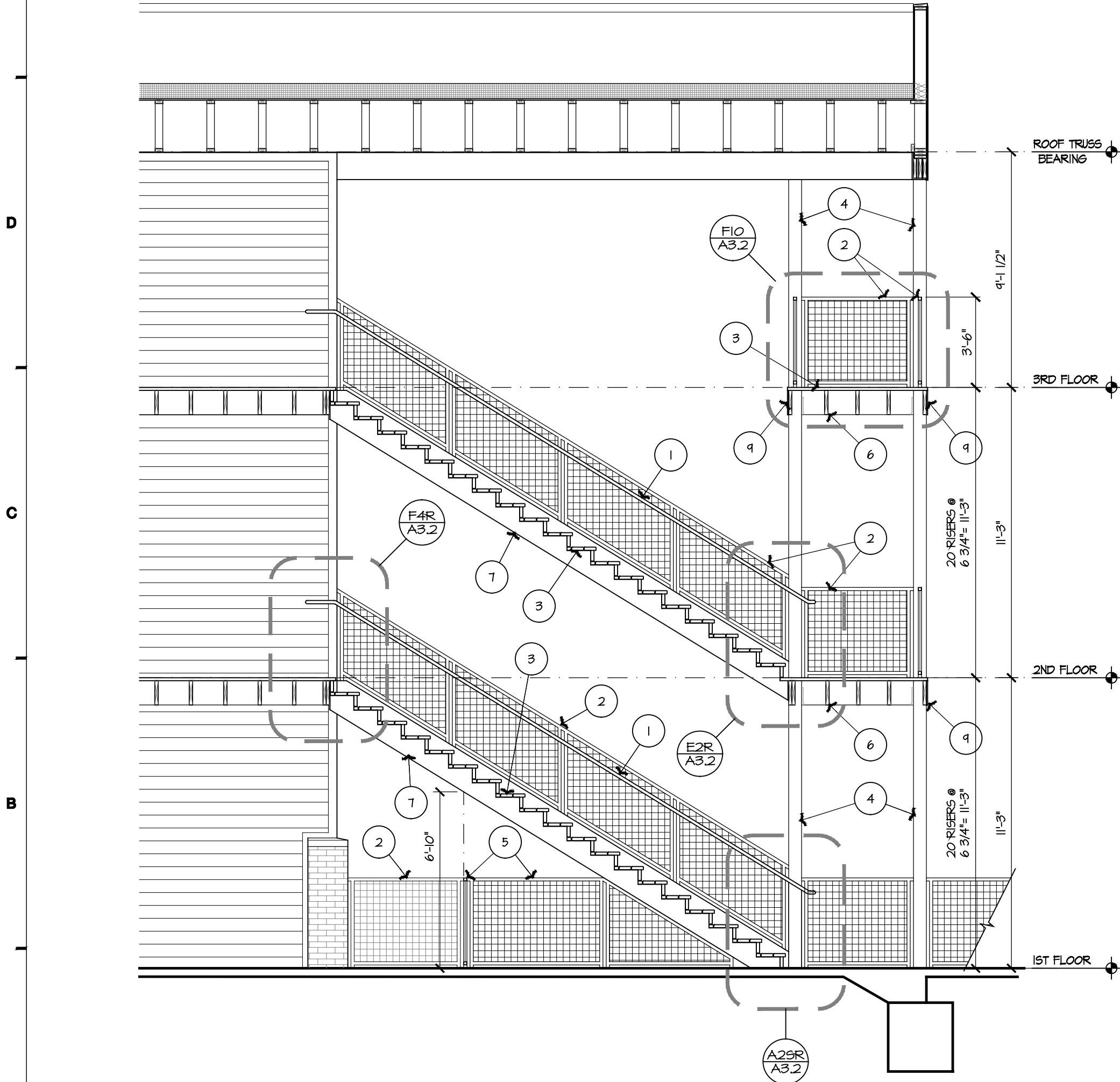
F4 STAIR DETAIL
SCALE: 1/4" = 1'-0"



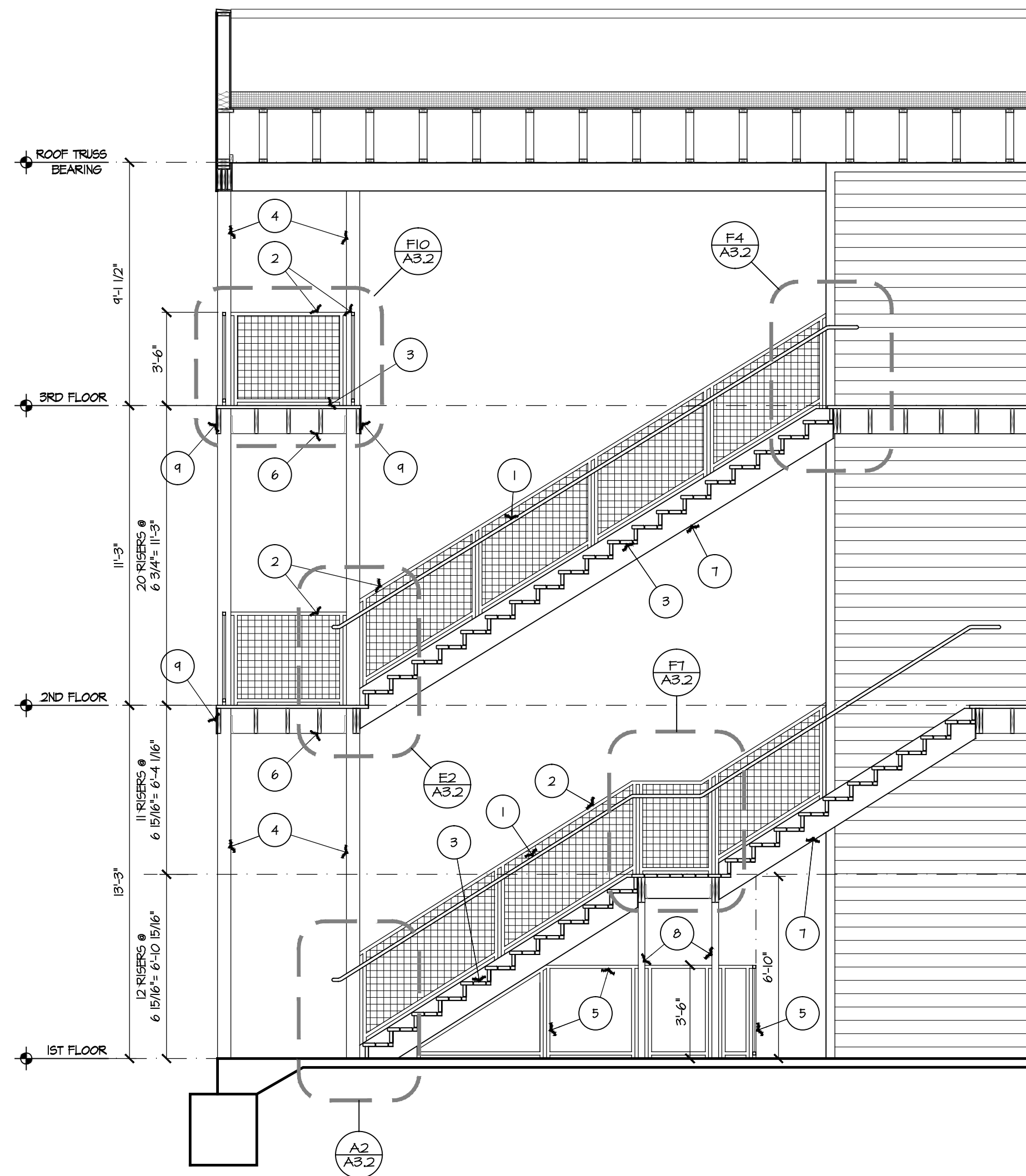
E2 STAIR DETAIL
SCALE: 1 1/2" = 1'-0"



A2 STAIR DETAIL
SCALE: 1 1/2" = 1'-0"



A10 STAR S1 SECTION (STAIRS S2 SIM. REV. - S3 SIM.)
SCALE: 1/4" = 1'-0"



A6 STAR S4 SECTION (STAIR S5 SIM. REV.)
SCALE: 1/4" = 1'-0"

KEYNOTES

1. 1/2" DIA. GALV. STEEL HANDRAIL, CONTINUOUS, MOUNT 2" OFF GUARDRAIL / WALL. EXTEND 1'-1 1/2" PAST TOP & BOTTOM RISER, TOP OF HANDRAIL SHALL BE 36" ABOVE STAIR NOSINGS & LANDINGS. TYPICAL. RETURN HANDRAIL TO WALL / GUARDRAIL OR GROUND. AT CONC. CORE DRILL FOR SLEEVED CONNECTION GROUT & CAULK. TYP. AT RAMP LOCATIONS WHERE ADJACENT DROP OFF IS 24" OR LESS ADD 1/2" BOTTOM BAR 1/2" A.F.F.
2. 42" HIGH 1 1/2" SQ. GALV. STEEL GUARDRAIL W/ BOTTOM BAR 1/2" A.F.F. W/ GALV. WIRE MESH BETWEEN BARS. MOUNT TO DECK W/ GALV. STEEL PLATE & BOLTS. AT CONC. CORE DRILL FOR SLEEVED CONNECTION GROUT & CAULK. AT STEEL STAIR STRINGER WELD TO STRINGER, TYP.
3. COMPOSITE DECKING. 06/553
4. TREATED WOOD COLUMN. REFER TO STRUCTURAL.
5. INSTALL GUARDRAIL UNDER STAIR WHERE BOTTOM OF STAIR CONSTRUCTION IS BELOW 6'-10" A.F.F. WHERE THERE IS NO ADJACENT DROP OFF THE WIRE MESH IS NOT REQUIRED.
6. 2X TREATED WOOD FRAMING. REFER TO STRUCTURAL.
7. GALVANIZED STEEL STAIR STRINGER. REFER TO STRUCTURAL.
8. TREATED WOOD POST FOR LANDING SUPPORT. REFER TO STRUCTURAL.
9. 1"x12" CEMENT BOARD FACIA.



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MO. LICENSE NO. A-6972



ENLARGED STAIR
SECTIONS

ISSUE DATE:
02.04.2019
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PROJECT NO.: 1817

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STARK WILSON DUNCAN ARCHITECTS INC

SEAL
TIMOTHY O.K. WILSON
ENSE NO. A-6972



WALL SECTIONS

ISSUE DATE:

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VINYL WINDOW PER SCHEDULE. QUAKER ADVANTEDGE SERIES BASIS OF DESIGN. 09B33

CENBIT FIBER BOARD SIDING PANEL W/ 2 1/2" CEMENT BOARD UNDERLAYER. SMOOTH PANEL & TRIM TEXTURE INCLUDE HORIZONTAL Z-FLASHING AT ALL HORIZONTAL TRIM MANUFACTURER'S RECOMMENDATIONS. PAINT COLOR AS INDICATED. 07646

ALUMINUM STOREFRONT ENTRANCE. 08418

ALUMINUM STOREFRONT SYSTEM. KLEENER TRIFAB 45MT ALUMINUM FINISH. 07646

BUILDING SIGNAGE W/ 1/2" TALL CANE ANODIZED CHROME LETTERS. FONT TO BE SELECTED BY OWNER. 10418

MILL MOUNTED ELECTRICAL EQUIPMENT. RE: ELECTRICAL

CENBIT FIBER BOARD SIDING. EXPOSURE. SMOOTH. DARK GREY. COINT. 16" IS INDICATED. 07646

CENBIT FIBER BOARD SIDING W/ BATTENS AT 16" O.C. SMOOTH PANEL & BATTEN TEXTURE. PAINT COLOR AS INDICATED. 07646

1/2" 1/2" CENBIT FIBER BOARD TRIM. TEXTURE & FINISH TO MATCH ADJACENT CENBIT FIBER BOARD SIDING UNLESS OTHERWISE NOTED. 07646

SAME AS NOTE "X" EXCEPT 5 1/2" TRIM. 07646

GALVANIZED 16G METAL RAILINGS WITH 3" X 3" VELDIEP NINE MESH PANELS. 09B33

1/2" 1/2" HOOD WOOD DECKING ATTACHED TO STAIR/DECK FRAMING. COLOR & FINISH TO MATCH COMPOSITE DECKING. 06B55

REINFORCED METAL COPING W/ HEMMED EDGE. COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. 07T00

1/4" 1/4" THIRDER COLON. STAIN TO MATCH COMPOSITE DECKING. RE: STRUCTURAL

PREFINISHED BREAK METAL INFILL PANEL. 07T00

FULL VINYL WINDOW & GLASS SECTION DOOR. 09B38

EXTENDED HOLLOW METAL DOOR. PAINT: RE: DOOR SCHEDULE. 07646

STEEL & WOOD STAIR. TREATED WOOD CARRIAGES BOULDED TO MC CHANNEL STEEL STRINGERS. RE: STRUCTURAL

WOOD JOINT HANDRAILS DECORATING TO BE 2X6 NOMINAL COMPOSITE WOOD PLANK. 06B33

KYNAR 500 PREFINISHED 1 HOUR RATED EXTERIOR ROOFING JOINT WATERPROOFING INSTALLED. 07H16

MANUFACTURED BY CONSTRUCTION SPECIALTIES. COLOR AS SELECTED FROM MANUFACTURES STANDARD COLOR CHART.

1/2" RC-1 RESILIENT CHANNEL.

3/8" FIRE RATED FIBERGLASS-MAT FACED GYPSUM SHEET. 06B60

NOT USED.

FACE BRICK MASONRY VENEER USE SOLID UNITS AT EXPOSED ENDS. 04215

FACE BRICK MASONRY SKILL. USE SOLID UNITS AT EXPOSED ENDS. 04215

BRICK ROWLOCK CAP. ALIGN TOP OF GAP W/ WINDOW HEAD AND WINDOW SILL. UNITS, RE: STRUCTURAL ELEVATIONS. USE SOLID UNITS AT EXPOSED ENDS. 04215

FIRE PARTITION CONNECTION. RE: MEP

INSULATED STEEL SECTIONAL DOOR. 09B38

PAVING STATION. 07C18

COMPOSITE WOOD PLANK DECKING. WOOD GRAIN TEXTURE. 06B55

TWO SINGLE PLY ROOFING ON MIN R-38 RIDGE ROOF. INSTALL ON 12" ROOF JACKING. SLOPE TO ROOF DRAIN CONDUCTOR HANG. MINIMUM SLOPE OF 1/4". RE: ROOF FLANS. RE: STRUCTURAL. 07B42

CONCRETE FOUNDATION. RE: STRUCTURAL

CONCRETE STD WALL. RE: STRUCTURAL. INSTALL. OLD FLUID-APPLIED WATERPROOFING PRIOR TO INSTALLATION

R-10 RIGID INSULATION AT EDGE OF SLAB FOUNDATION PERMETER. INSULATION TO EXTEND MINIMUM OF 24" BELOW FOOTING. 07B18

REINFORCED CONCRETE SLAB OVER 15 MIL VAPOR BARRIER. RE: STRUCTURAL

WOOD HEADER. RE: STRUCTURAL

JAMB BOARD (GP) BD WINDOW HEAD & JAMB RETURN. PAINT. 06B23

1" X EASED EDGE WINDOW STOOL. 3/4" QUARTER ROUND APRON. PAINT. 06B23

1/2" 1/2" RATED 15' HIGH 18" HAT CHANNEL & SOUND ISOLATION CLIP (1-5/8" TOTAL) PER FLOOR/CILING ASSEMBLY TYPE 'A'. RE: A03

PREFINISHED WOOD ROOF TRUSS. RE: STRUCTURAL

CONCRETE INSULATION. 07C18

3/4" GYPSUM FLOOR UNDERLAYMENT ON 3/4" TONGUE & GROOVE FLOOR. 03B45

MIN. R-20 BATT INSULATION. 07T00

1/2" 1/2" RATED ROOF INSULATION PER ROOF/CEILING ASSEMBLY TYPE 'A'. RE: A03

PREFINISHED WOOD ROOF TRUSSES. TOP CHORD TO BE SHOWN. MINIMUM 1/2" SPACING BETWEEN METALS / THRU-WALL SUPPERS. RE: STRUCTURAL

TURN ROOF MEMBRANE UP OVER PARAPET WALL. TERMINATE BENEATH METAL FLASHING.

1/2" 1/2" RATED ED. RD. ROOF FLASHING. RE: FIBER RATING. PAINT. 07B18

7/16" OSB EXTERIOR WALL SHEATHING WITH WEATHER BARRIER. RE: STRUCTURAL. 07B20

PREFINISHED METAL FLASHING W/ HEMMED EDGE. RE: DOOR SCHEDULE. 07646

STRUCTURAL STEEL BEAM. RE: STRUCTURAL

EXTERIOR CONCRETE WALK. RE: CIVIL

PREFINISHED WOOD BEAM. RE: STRUCTURAL

CONCRETE PAD. RE: STRUCTURAL

2 X 6 TREATED BOTTOM PLATE W/ FOAM SILF SEALER. TERMITE SHIELD & ANCHOR BOLT. RE: STRUCTURAL. 31B16

MASONRY TRIM WALL FLASHING W/ KEEPS AT 24" O.C. 04215

DOOR GAR. RE: STRUCTURAL

ADA COMPLIANT ALUMINUM DOOR THRESHOLD. SET IN BED OF SEALANT.

DOOR THRESHOLD TO COMPLETELY COVER EDGE OF SEALANT.

1/4" CONCRETE EXPANSION MATERIAL.

HOLD SLAB EDGE INSULATION SHORT. 1/2" FILL GAP W/ ELASTOMERIC. 07T00

SEALANT COLOR TO BE "ALUMINUM" WHERE ADJACENT TO CANNED ANODIZED FINISHES. 07T00

1/2" 1/2" RATED ED. RD. ROOF FLASHING. RE: FIBER RATING. PAINT. 07B18

HORIZONTAL. PROVIDE TIES COMPATIBLE W/ EXTERIOR RIGID WALL INSULATION WHERE APPLICABLE. 07B18

PREFINISHED METAL TERMINATION BAR. 07B20

PREFINISHED METAL CORNER FLASHING. 07B20

CENBIT FIBER BOARD SOFFIT. SMOOTH TEXTURE. PAINT. 07646

2 PIECE PREFINISHED BREAK METAL GARAGE DOOR JAMB. 07T00 & 09B38

HOLLOW METAL DOOR & FRAME PER DOOR SCHEDULE. 07646

DOUBLE STOP AT JAMB CONDITION. TYPICAL.

WOOD BLOCKING/ NAILER AS REQUIRED.

RECESS CONCRETE SLAB AT OVERHEAD SECTIONAL DOOR TO ACCOMMODATE DOOR TRACK PER MANUFACTURER'S SPECIFICATIONS.

MIN. 6" 1/2" BD OR 3/8" 1/2" WOOD SHEATHING DRIFTSTOPPING ALIGNED W/ UNIT DIMENSION WALLS. RE: ROOFING FOR LOCATION NOTES. CONTINUOUS SHEATHING TO STRUCTURAL. 07B18

UNDERGROUND STORM WATER PIPE. RE: CIVIL. RE: STRUCTURAL FOR REQUIREMENTS ON CONCRETE TRENCH BAR.

2X WOOD CEILING JOIST. RE: STRUCTURAL

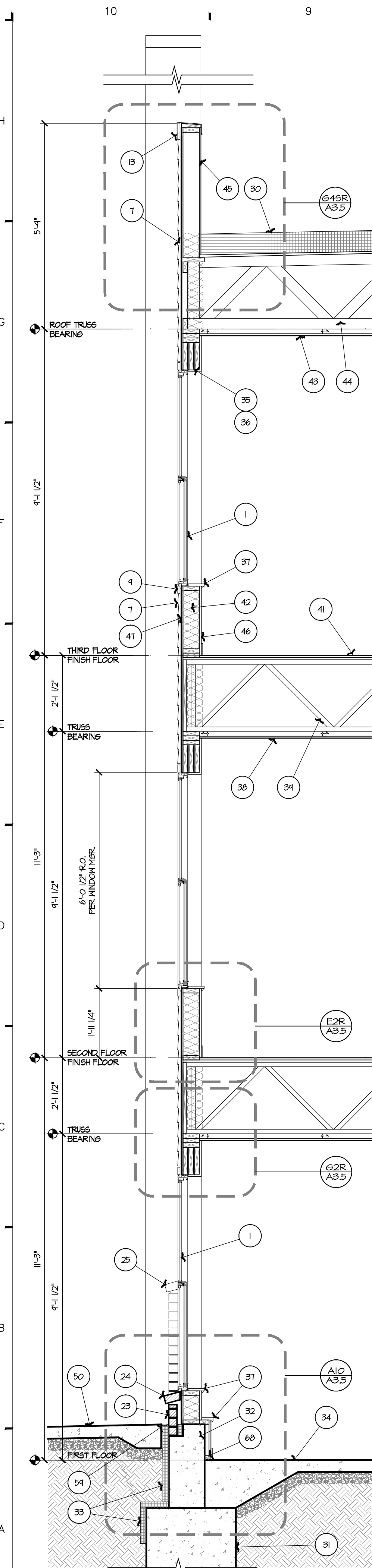
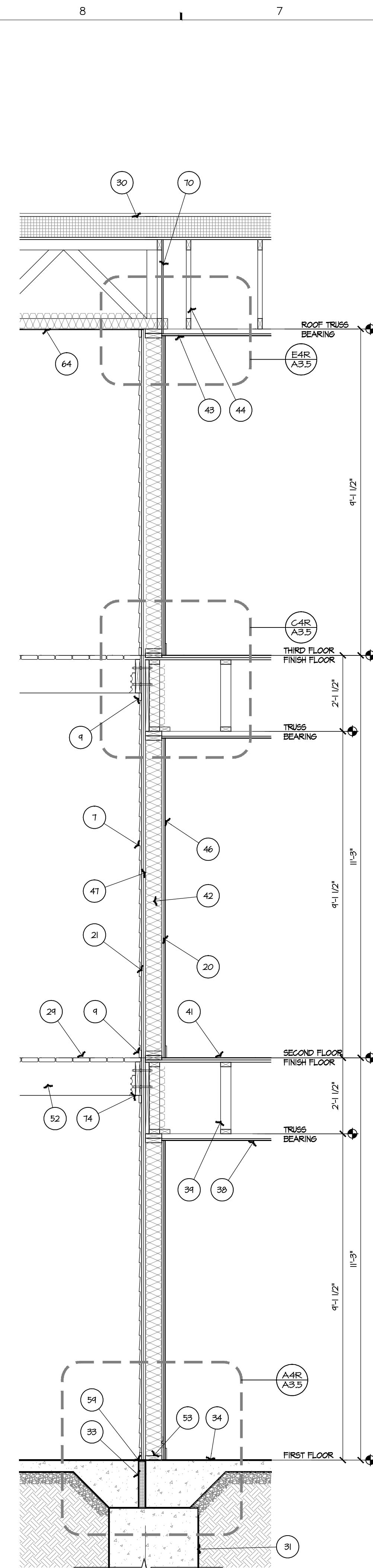
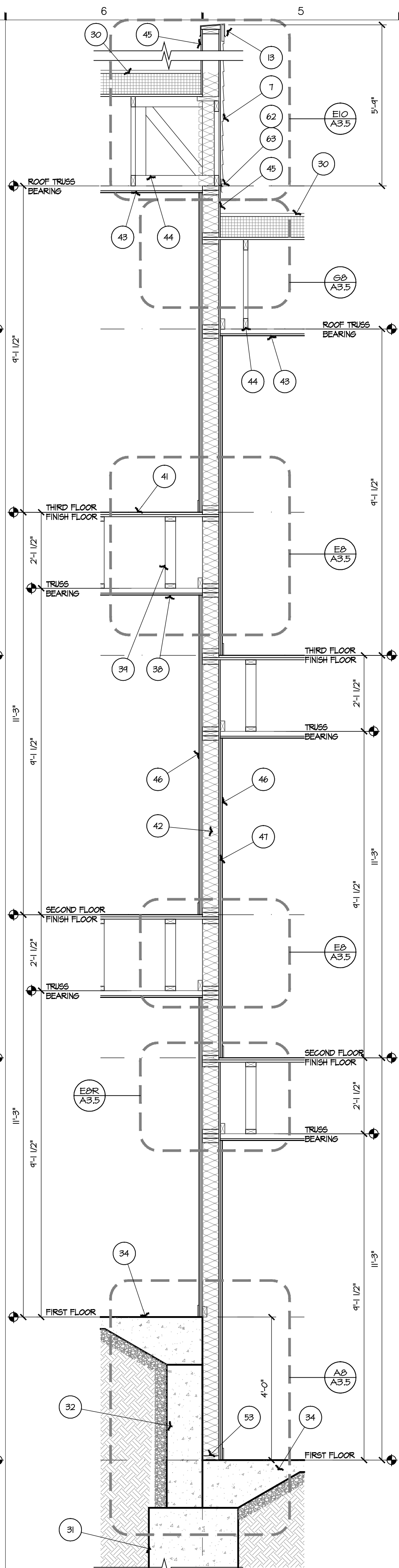
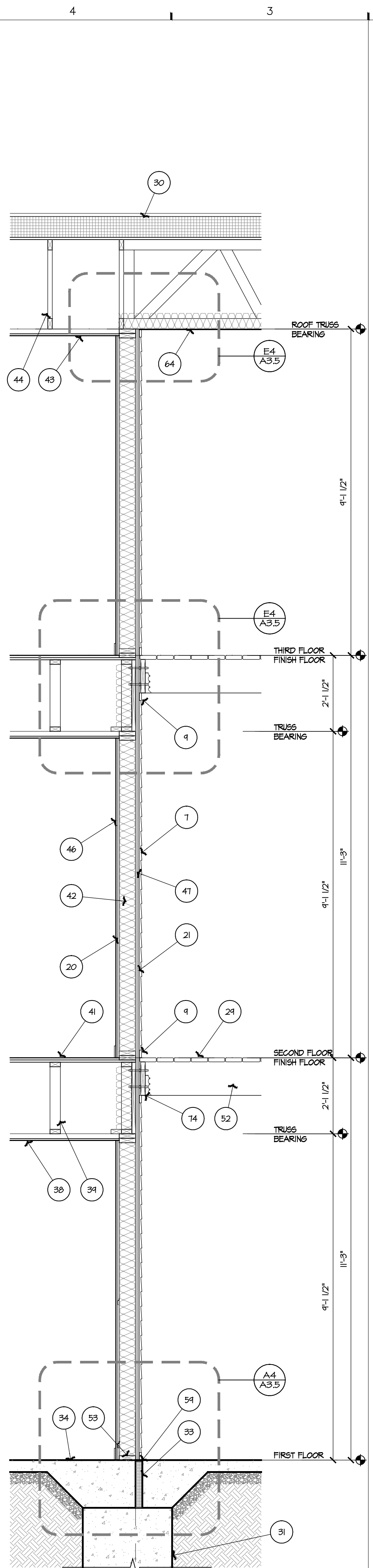
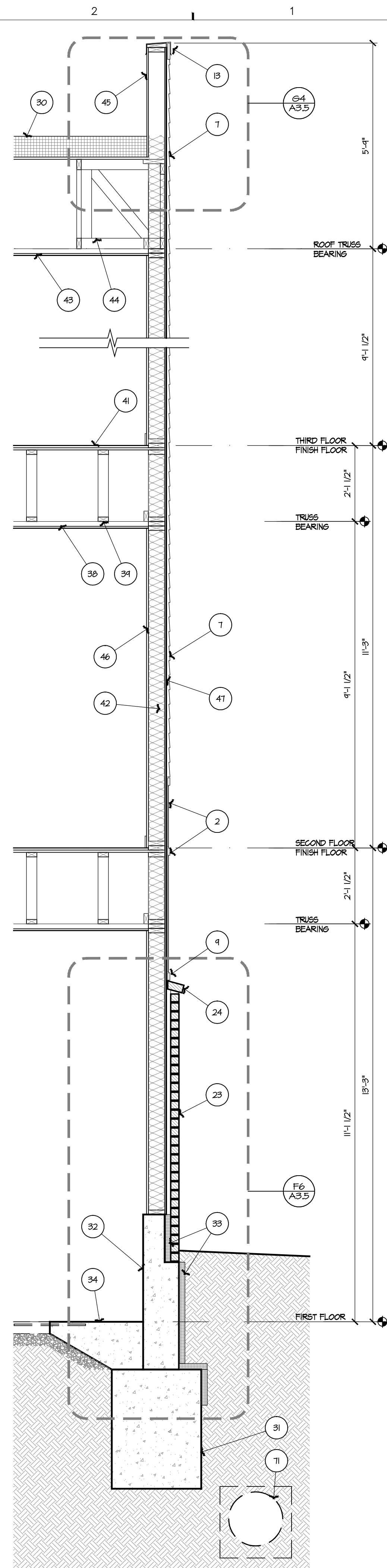
TWO SINGLE PLY ROOFING ON 3/4" WOOD DECKING ON 2X8 HOOD. SLOPE TO DRAIN TO ALLOW FOR DRAINAGE. MIN. 1/4" SLOPE TO DRAIN TO EXTERIOR. TRIM TPO UP CORRISOR SLOWS A MINIMUM OF 8" & TERMINATE W/ 1/2" 1/2" RATED ED. RD. ROOF FLASHING.

TREATED STRUCTURAL WOOD LEDGER. RE: STRUCTURAL. PROVIDE 1/2" NEOPRENE WASHERS BETWEEN LEDGER & WEATHER STRIPS. PROVIDE 1/2" ALLOW FOR DRAINAGE.

2 HOUR FIRE RATED AREA SEPARATION WALL PER WALL TYPE 'C'. RE: A02

CENBIT FIBER BOARD SIDING INSTALLED AT THE BACK OF PORCH. PAINT. 07646

MIN. R-30 BATT INSULATION. 07T00



A10 WALL SECTION
SCALE: 1/2" = 1'-0"

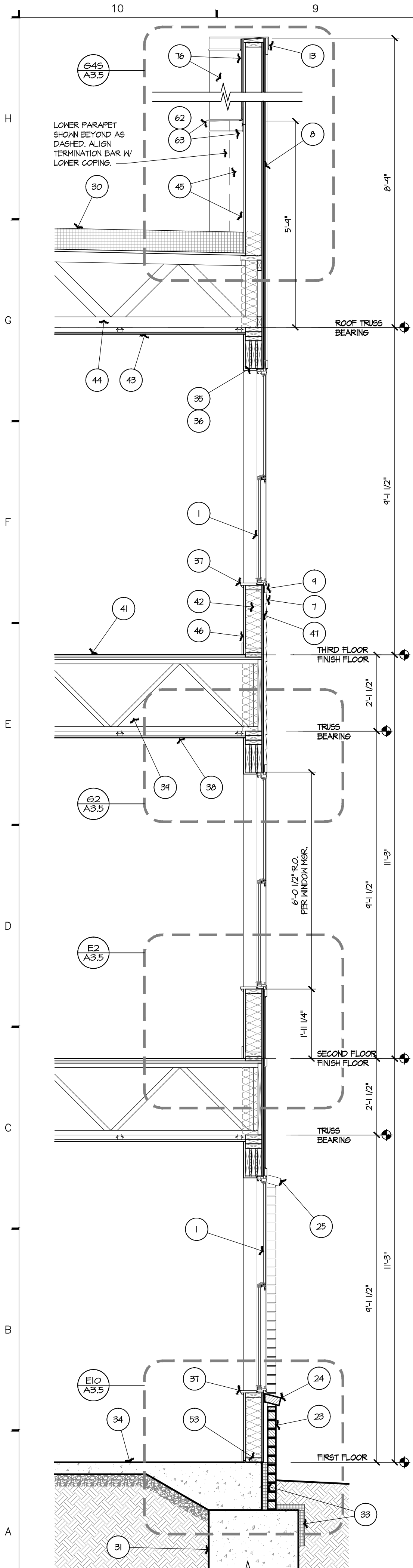
A8 WALL SECTION
SCALE: 1/2" = 1'-0"

A6 WALL SECTION
SCALE: 1/2" = 1'-0"

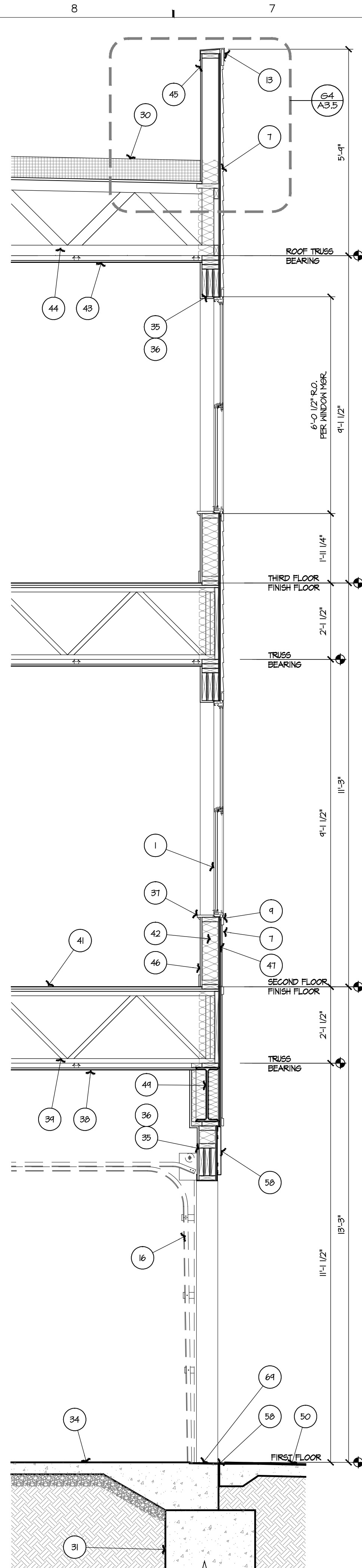
A4 WALL SECTION
SCALE: 1/2" = 1'-0"

A2 WALL SECTION
SCALE: 1/2" = 1'-0"

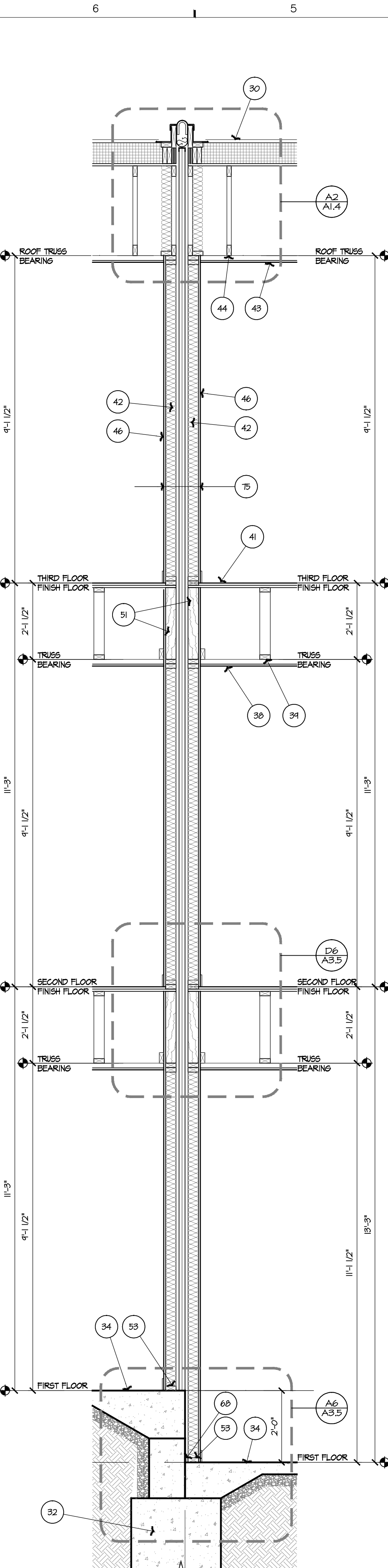
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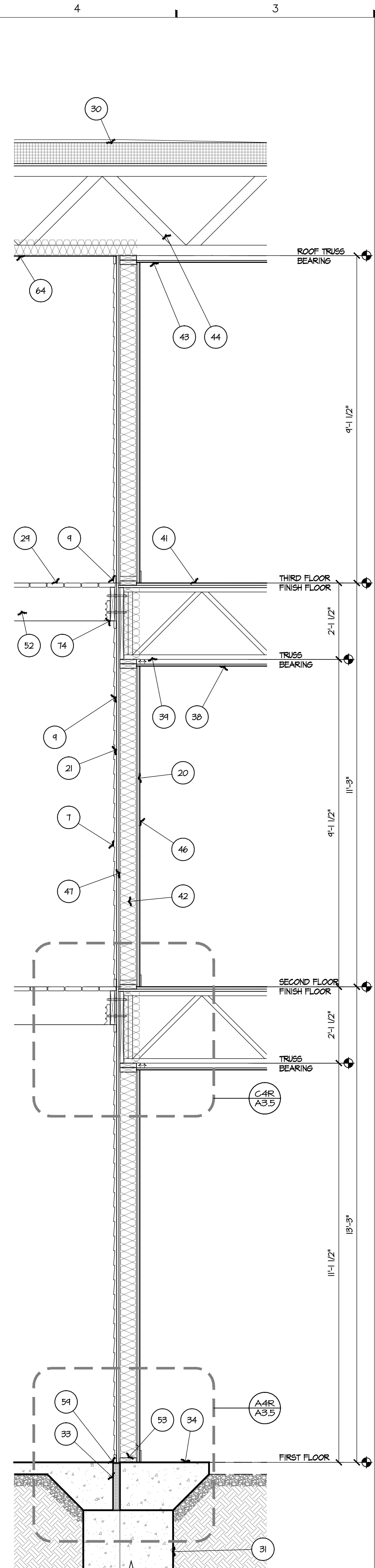
A10 WALL SECTION
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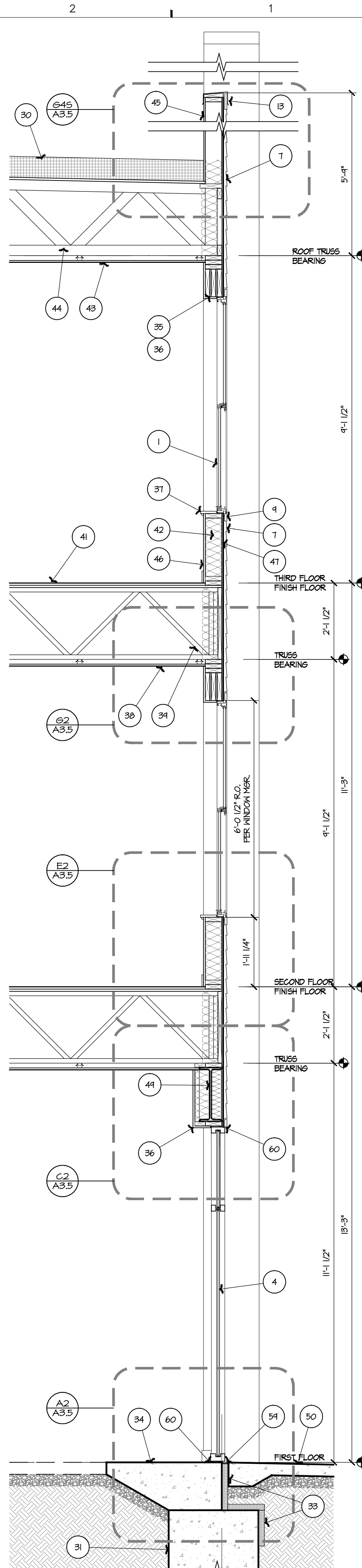
A8 WALL SECTION
SCALE: 1/2" = 1'-0"



A6 WALL SECTION
SCALE: 1/2" = 1'-0"



A4 WALL SECTION
SCALE: 1/2" = 1'-0"



A2 WALL SECTION
SCALE: 1/2" = 1'-0"

KEY NOTES

- VINYL WINDOW PER SCHEDULE. QUAKER ADVANTEDGE SERIES BASIS OF DESIGN. 085513
- CEMENT FIBER VERTICAL SIDING PANEL W/ 2 1/2" CEMENT FIBER BORDER TRIM. SMOOTH PANEL. 4 TRIM TEXTURE. INCLUDE HORIZONTAL Z-FLASHING AT ALL HORIZONTAL TRIM PER MANUFACTURER'S RECOMMENDATIONS. PAINT COLOR AS INDICATED. 074646
- ALUMINUM STOREFRONT ENTRANCE. 084113
- ALUMINUM STOREFRONT SYSTEM. KANNEER TRIFAB 45UT BASIS OF DESIGN. 084115
- BUILDING SIGNAGE 1/2" TALL CLEAR ANODIZED CHANNEL LETTERS. FONT TO BE SELECTED BY OWNER. 104000
- WALL MOUNTED ELECTRICAL EQUIPMENT. RE: ELECTRICAL
- CEMENT FIBER BOARD LAP SIDING. 6" EXPOSURE. SMOOTH TEXTURE. PAINT COLOR AS INDICATED. 074646
- CEMENT FIBER VERTICAL SIDING W/ BATTENS AT 16" O.C. SMOOTH PANEL. 4 BATTEN TEXTURE. PAINT COLOR AS INDICATED. 074646
- 2 1/2" CEMENT FIBER BOARD TRIM. TEXTURE 4 FINISH TO MATCH 1/2" CEMENT FIBER BOARD SIDING UNLESS NOTED OTHERWISE (U.N.O.). 074646
- SAME AS NOTE #1 EXCEPT 5 1/2" TRIM. 074646
- GALVANIZED 16S METAL RAILING WITH 3" X 5" WELDED WIRE MESH PANELS. 085215
- COMPOSITE WOOD FASCIA ATTACHED TO STAIR/ DECK FRAMING. COLOR 4 FINISH TO MATCH COMPOSITE DECKING. 085513
- PRE-FINISHED METAL COPING W/ HEMMED EDGE. COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. 071100
- TREATED TIMBER COLUMN. STAIN TO MATCH COMPOSITE DECKING. RE: STRUCTURAL
- PRE-FINISHED BREAK METAL INFILL PANEL. 071100
- FULL VIEW ALUMINUM 4 GLASS SECTIONAL DOOR. 083613
- EXTERIOR HOLLOW METAL DOOR. PAINT. RE: DOOR SCHEDULE. 081113
- STEEL 4 WOOD STAR. TREATED WOOD CARRIAGES. 1/2" X 6" WOOD STAR. OR ALUMINUM MEETING RAIL AS SHOWN. STRUCTURAL. TREADS 4 LANDING DECKING TO BE 2X6 NOMINAL COMPOSITE WOOD PLANK. 085513
- KYMAR 500 PRE-FINISHED 1 HOUR RATED EXTERIOR EXPANSION JOINT COVER MODEL ESN-400 AS MANUFACTURED BY CONSTRUCTION SPECIALTIES. COLOR AS SELECTED FROM MANUFACTURER'S STANDARD COLOR CHART.
- 1/2" RC-1 RESILIENT CHANNEL.
- 5/8" FIRE RATED FIBERGLASS-MAT FACED GYPSUM SHEATHING. 081600
- NOT USED
- FACE BRICK MASONRY VENEER. USE SOLID UNITS AT EXPOSED ENDS. 042113
- BRICK ROWLOCK SILL. USE SOLID UNITS AT EXPOSED ENDS. 042113
- BRICK ROWLOCK CAP. ALIGN TOP OF CAP W/ WINDOW ELEVATIONS. USE SOLID UNITS AT EXPOSED ENDS. 042113
- FIRE DEPARTMENT CONNECTION. RE: MEP
- INSULATED STEEL SECTIONAL DOOR. 083613
- GALVANIZED STEEL ANGLE LINTEL. RE: STRUCTURAL
- COMPOSITE WOOD PLANK DECKING. WOOD GRAIN TEXTURE. 085513
- TWO SINGLE PLY ROOFING ON MIN R-39 RIGID ROOF INSULATION ON FLYWOOD DECKING. SLOPE TO ROOF DRAIN CONDUCTOR HEAD. MINIMUM SLOPE OF 1:48. RE: ROOF PLANS. RE: STRUCTURAL. 075425
- CONCRETE FOUNDATION. RE: STRUCTURAL
- CONCRETE STEM WALL. RE: STRUCTURAL. INSTALL COLD FLUID-APPLIED WATERPROOFING PRIOR TO INSTALLATION OF INSULATION. MASONRY FLOOR FINISH GRADING. 071146
- R-10 RIGID INSULATION AT EDGE OF SLAB/ FOUNDATION PERIMETER. INSULATION TO EXTEND MINIMUM OF 24" BELOW TOP OF SLAB. 071200
- REINFORCED CONCRETE SLAB OVER 15 MIL VAPOR BARRIER. RE: STRUCTURAL
- WOOD HEADER. RE: STRUCTURAL
- GYPSUM BOARD (5/8" ED) WINDOW HEAD 4 JAMB RETURN. PAINT.
- 1 X EASED EDGE WOOD WINDOW STOOL 4 3/4" QUARTER ROUND APRON. PAINT. 082223
- 5/8" FIRE RATED (5/8" ED) ON 1/8" HAT CHANNEL 4 SOUND ISOLATION CLIP (1-5/8" TOTAL) PER FLOOR/ CEILING ASSEMBLY TYPE 'A'. RE: A03
- PRE-ENGINEERED WOOD FLOOR TRUSS. RE: STRUCTURAL
- 3 1/2" BATT INSULATION. 071200
- 3/4" GYPSUM FLOOR UNDERLAYMENT ON 3/4" TONGUE 4 GROOVE FLYWOOD. 085413
- MIN R-30 BATT INSULATION. 071200
- 1 HR FIRE RATED ROOF ASSEMBLY PER ROOF/ CEILING ASSEMBLY TYPE 'A'. RE: A03
- PRE-ENGINEERED WOOD ROOF TRUSS. TOP CHORD TO BE SLOPED MINIMUM 1:48 TOWARDS PARAPET WALLS/ THRU-WALL SCUPPERS. RE: STRUCTURAL
- TURN ROOF MEMBRANE UP 4 OVER PARAPET WALL. TERMINATE BENEATH METAL FLASHING
- 5/8" GYP ED. RE: FLOOR PLANS FOR FIRE RATING. PAINT.
- 7/16" OSB EXTERIOR WALL SHEATHING WITH WEATHER BARRIER. RE: STRUCTURAL. 071200
- PRE-FINISHED METAL FLASHING W/ HEMMED EDGE. PROVIDE DRAIN EDGE WHERE REQUIRED. 071100
- STRUCTURAL STEEL BEAM. RE: STRUCTURAL
- EXTERIOR CONCRETE WALK. RE: CIVIL
- PRE-ENGINEERED WOOD BEAM. RE: STRUCTURAL
- 2 X EXTERIOR TREATED WOOD JOIST. RE: STRUCTURAL
- 2 X 6 TREATED BOTTOM PLATE W/ FOAM SILL SEALER. TERMITE SHIELD. 4 ANCHOR BOLT. RE: STRUCTURAL. 313116
- MASONRY THRU WALL FLASHING W/ KEEPS AT 24" O.C. 042113
- MINIMUM 1/4" GAP. DO NOT CAULK
- ADA COMPLIANT ALUMINUM DOOR THRESHOLD. SET IN BED OF SEALANT.
- DOOR THRESHOLD TO COMPLETELY COVER SLAB EDGE INSULATION
- 1/4" CONCRETE EXPANSION MATERIAL
- HOLD SLAB EDGE INSULATION SHORT 1/2" 4 FILL GAP W/ ELASTOMERIC SEALANT. 071200
- CONTINUOUS SEALANT. PROVIDE BACKER ROD AS REQUIRED. SEALANT COLOR TO BE 'ALUMINUM' WHERE ADJACENT TO CLEAR ANODIZED FINISHES. 071200
- MASONRY TIES AT 16" O.C. VERTICAL 4 32" O.C. HORIZONTAL. TYPICAL. PROVIDE TIES COMPATIBLE W/ EXTERIOR RIGID WALL INSULATION WHERE APPLICABLE. 082015
- PRE-FINISHED METAL TERMINATION BAR. 076200
- PRE-FINISHED METAL COUNTER FLASHING. 076200
- CEMENT FIBER BOARD SOFFIT. SMOOTH TEXTURE. PAINT. 074646
- 2 PIECE PRE-FINISHED BRAKE METAL GARAGE DOOR JAMB. 071100 4 083613
- HOLLOW METAL DOOR 4 FRAME PER DOOR SCHEDULE. PAINT. 081113
- DOUBLE STUD AT JAMB CONDITION. TYPICAL
- WOOD BLOCKING/ NAILER AS REQUIRED.
- RECESS CONCRETE SLAB AT OVERHEAD SECTIONAL DOOR THRESHOLD. RETURN RECESS AROUND JAMB TO ACCOMMODATE DOOR TRACK PER MANUFACTURER'S SPECIFICATIONS.
- 1/2" MIN. GYP ED OR 3/8" MIN WOOD SHEATHING DRAFTSTOPPING ALIGNED W/ UNIT DEMISING WALLS. RE: ROOF PLAN FOR LOCATIONS. NOTE: CONTINUOUS SHEATHING PER STRUCTURAL. CAN DOUBLE AS DRAFTSTOPPING.
- UNDERGROUND STORM WATER PIPE. RE: CIVIL. RE: STRUCTURAL FOR REQUIREMENTS ON CONCRETE TRENCH BACKFILL
- 2X WOOD CEILING JOIST. RE: STRUCTURAL
- TWO SINGLE PLY ROOFING ON 3/4" WOOD DECKING ON RIPPED 2X8 WOOD ON 5/4" WOOD DECKING. RIP SLEETERS AT MIN 1:48 SLOPE TO DRAIN TO EXTERIOR. TURN TWO UP CORRIDOR WALLS A MINIMUM OF 8" 4 TERMINATE W/ TERMINATION BAR.
- TREATED STRUCTURAL WOOD LEDGER. RE: STRUCTURAL. PROVIDE 1/2" NEOPRENE WAGERS BETWEEN LEDGER 4 SHEATHING/ WEATHER BARRIER TO ALLOW FOR DRAINAGE.
- 2 HOUR FIRE RATED AREA SEPARATION WALL. PER WALL TYPE 'C'. RE: A02
- CEMENT FIBER VERTICAL SIDING INSTALLED AT THE BACK OF PARAPET. PAINT. 074646
- MIN R-30 BATT INSULATION. 071200



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ARCHITECT - TIMOTHY O.K. WILSON
MO. LICENSE NO. A-6972



WALL SECTIONS

ISSUE DATE:
02.04.2019
REVISIONS:

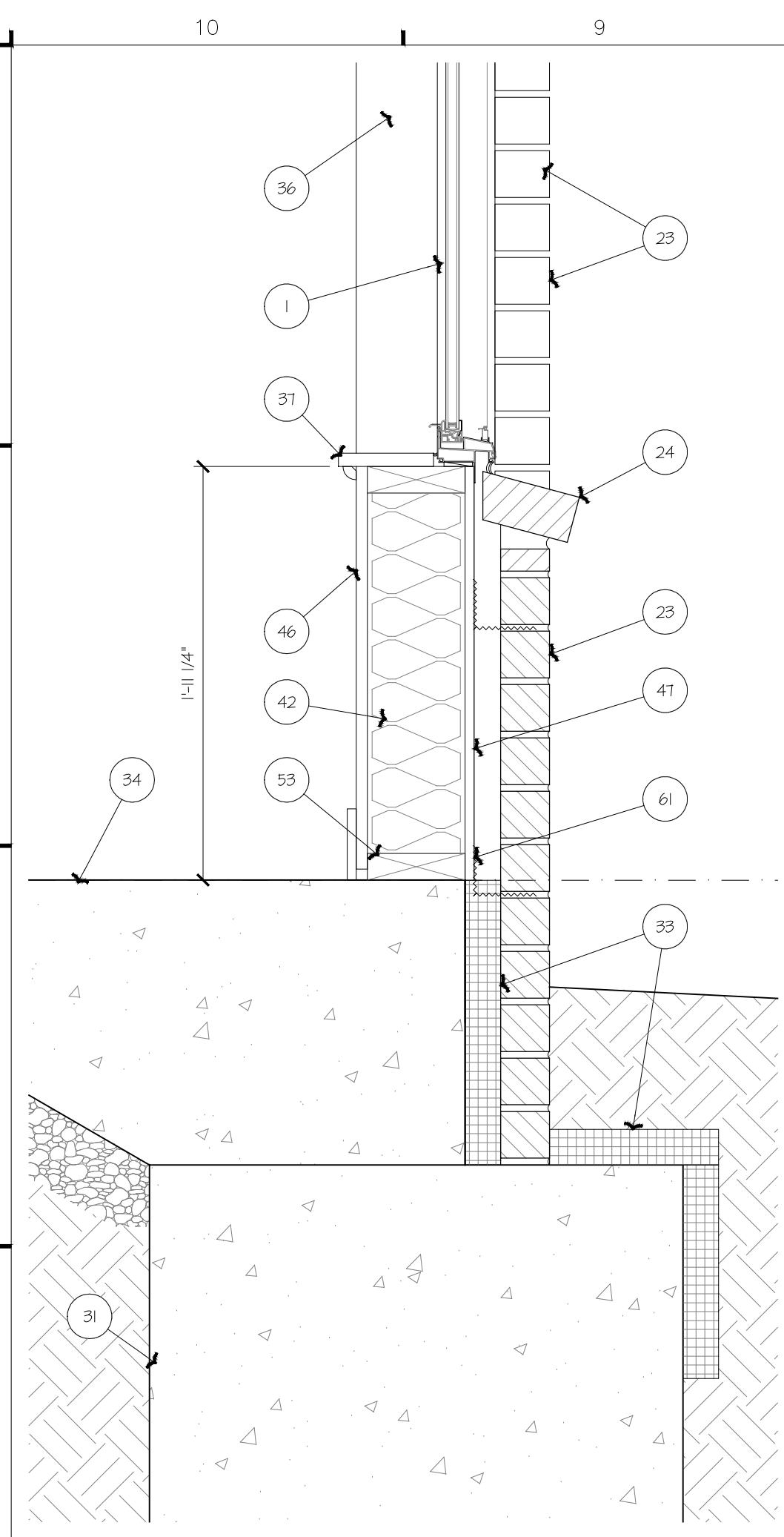
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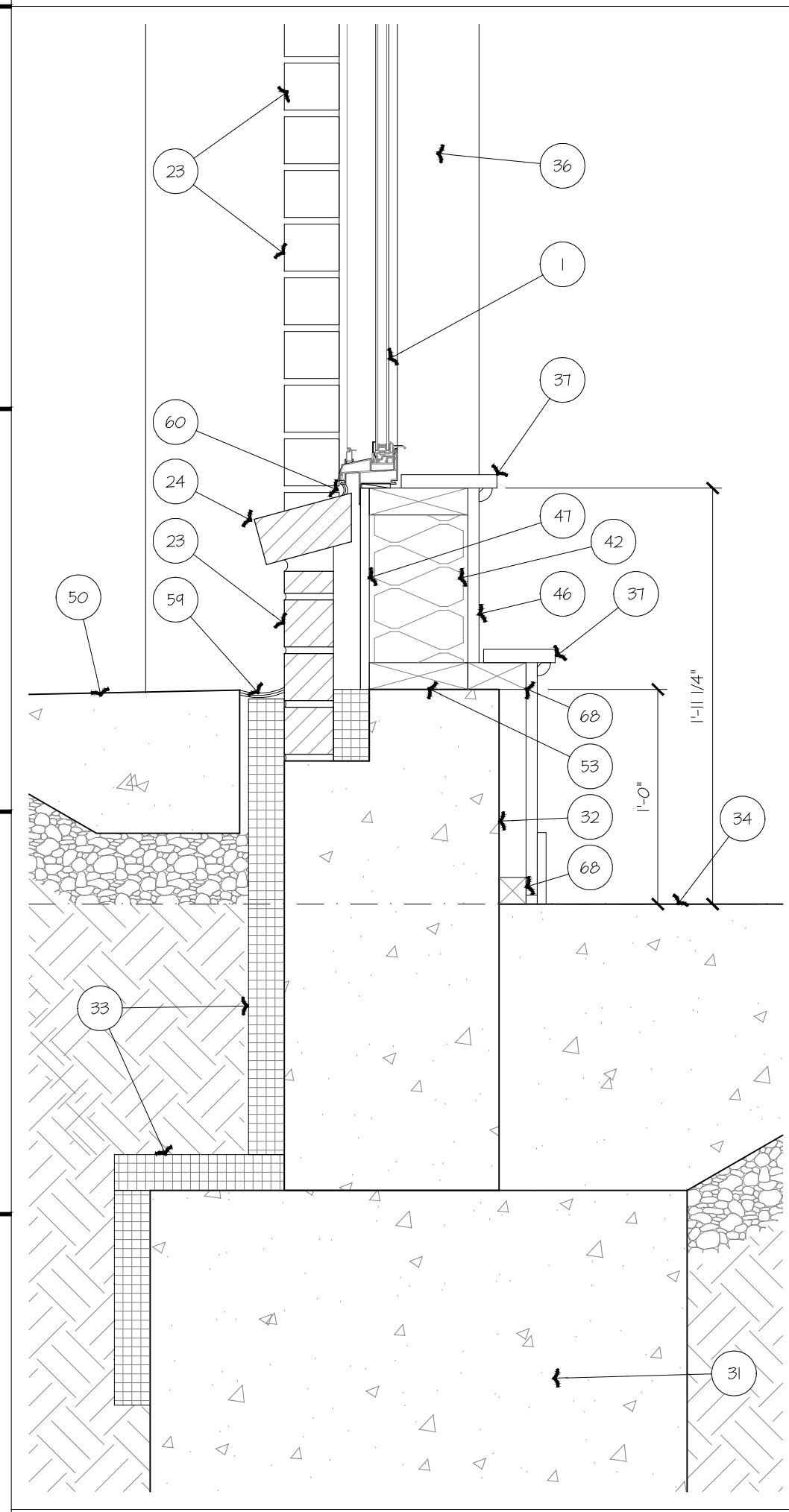
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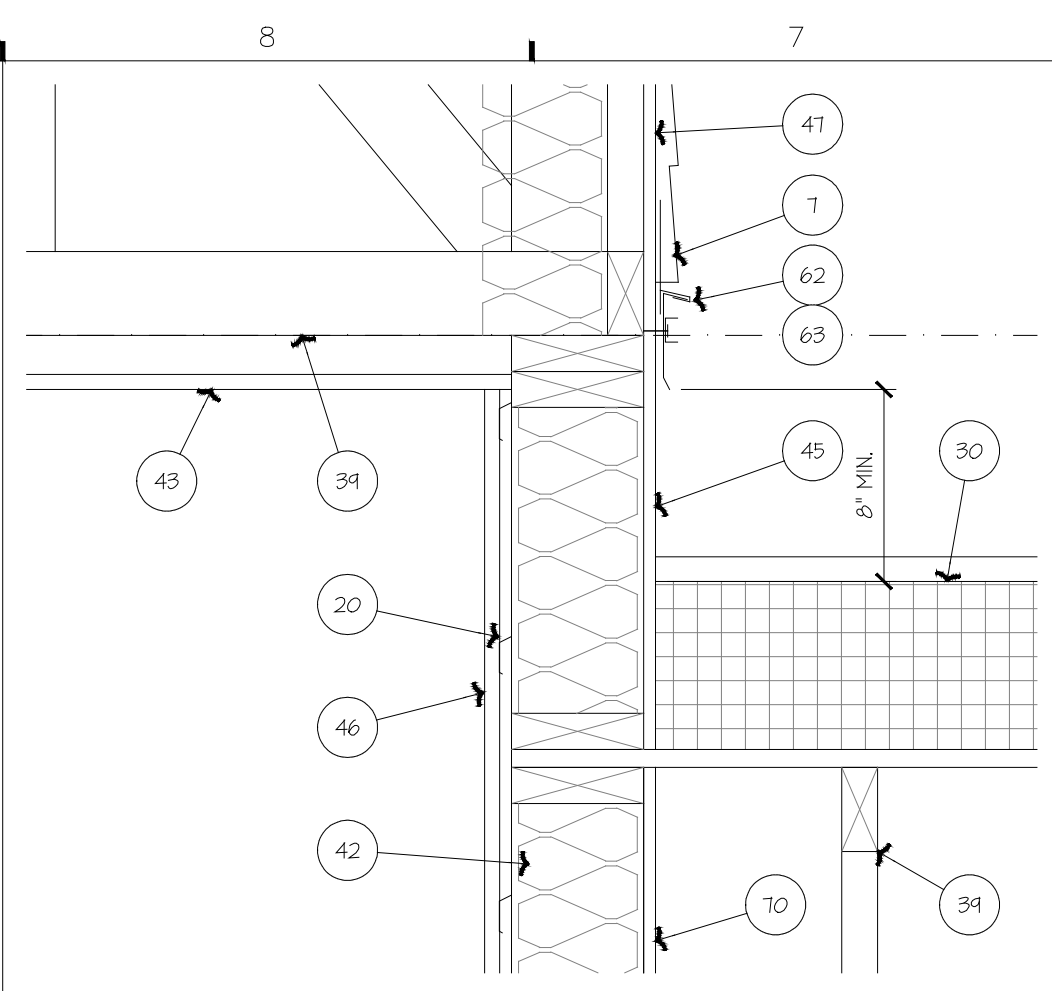
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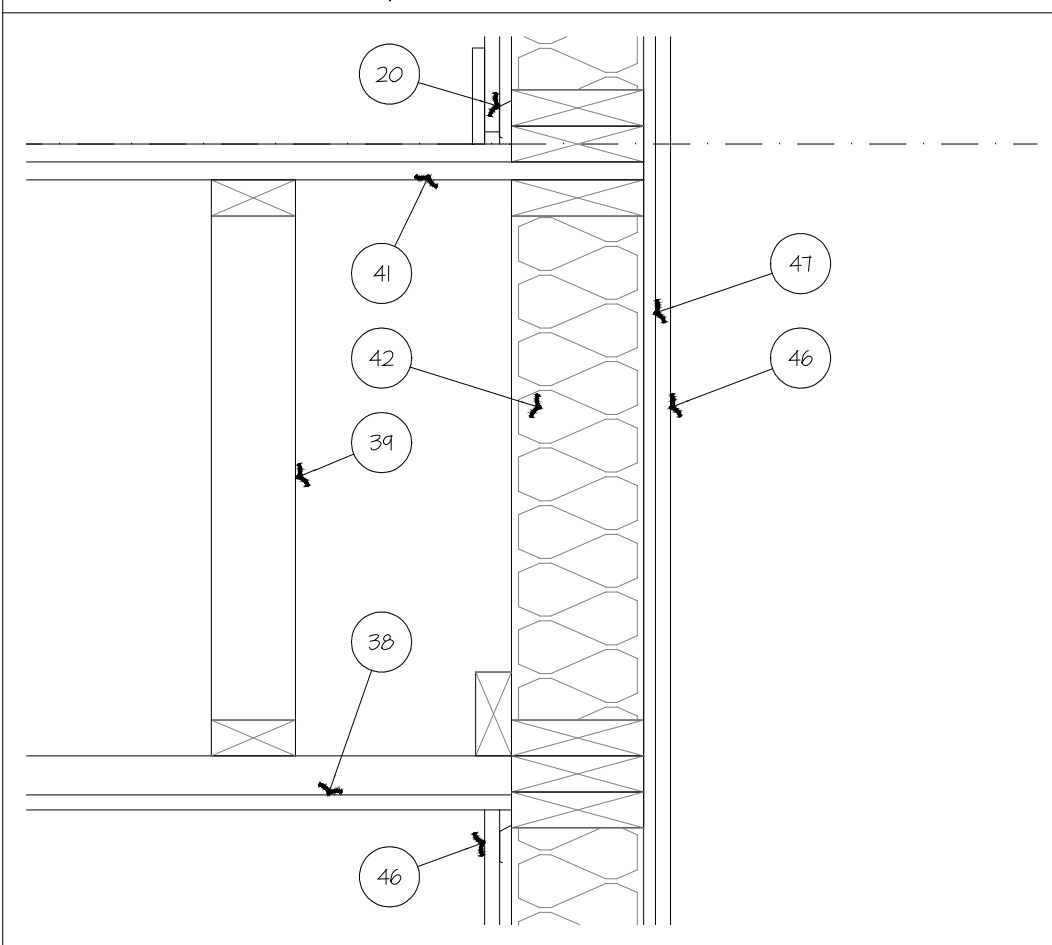
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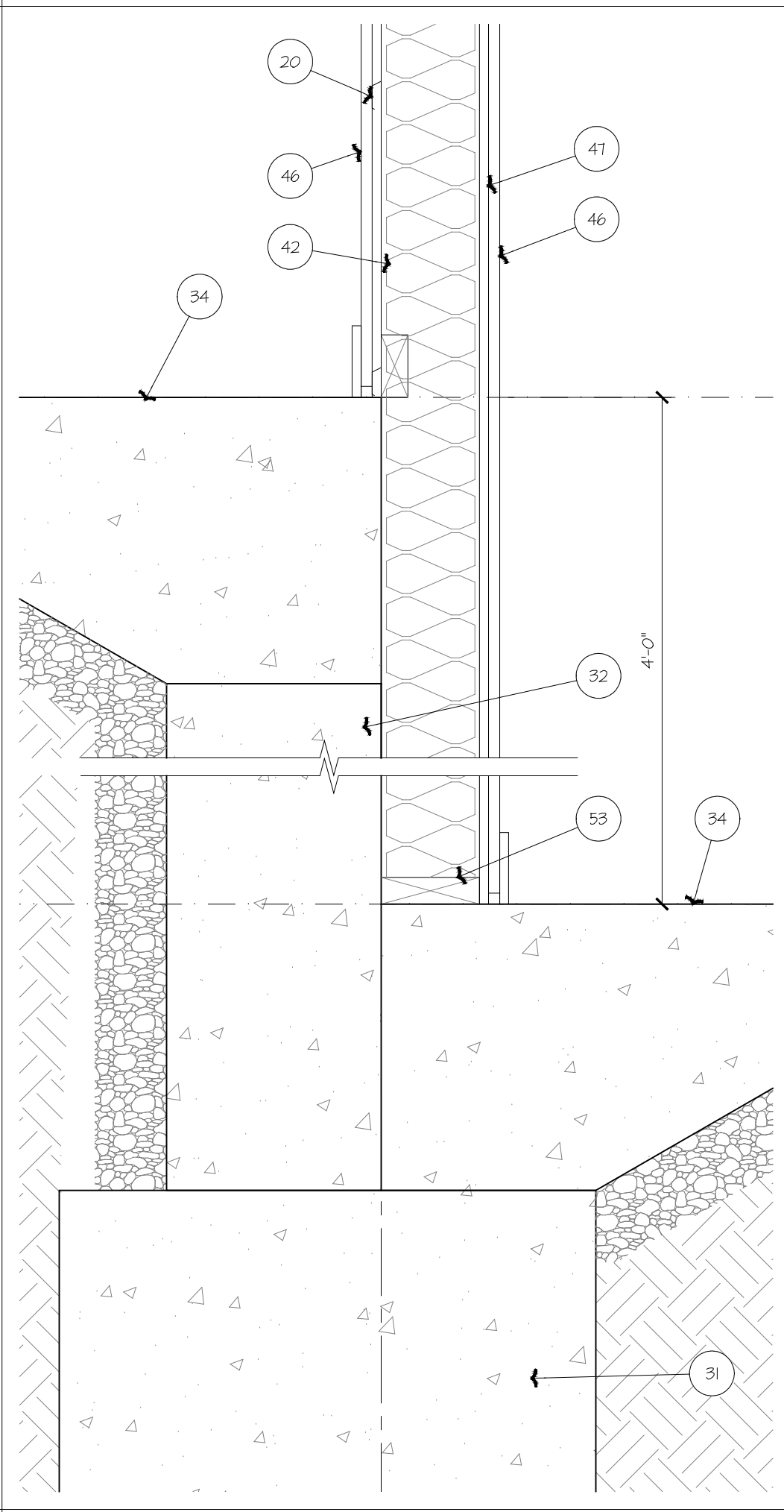
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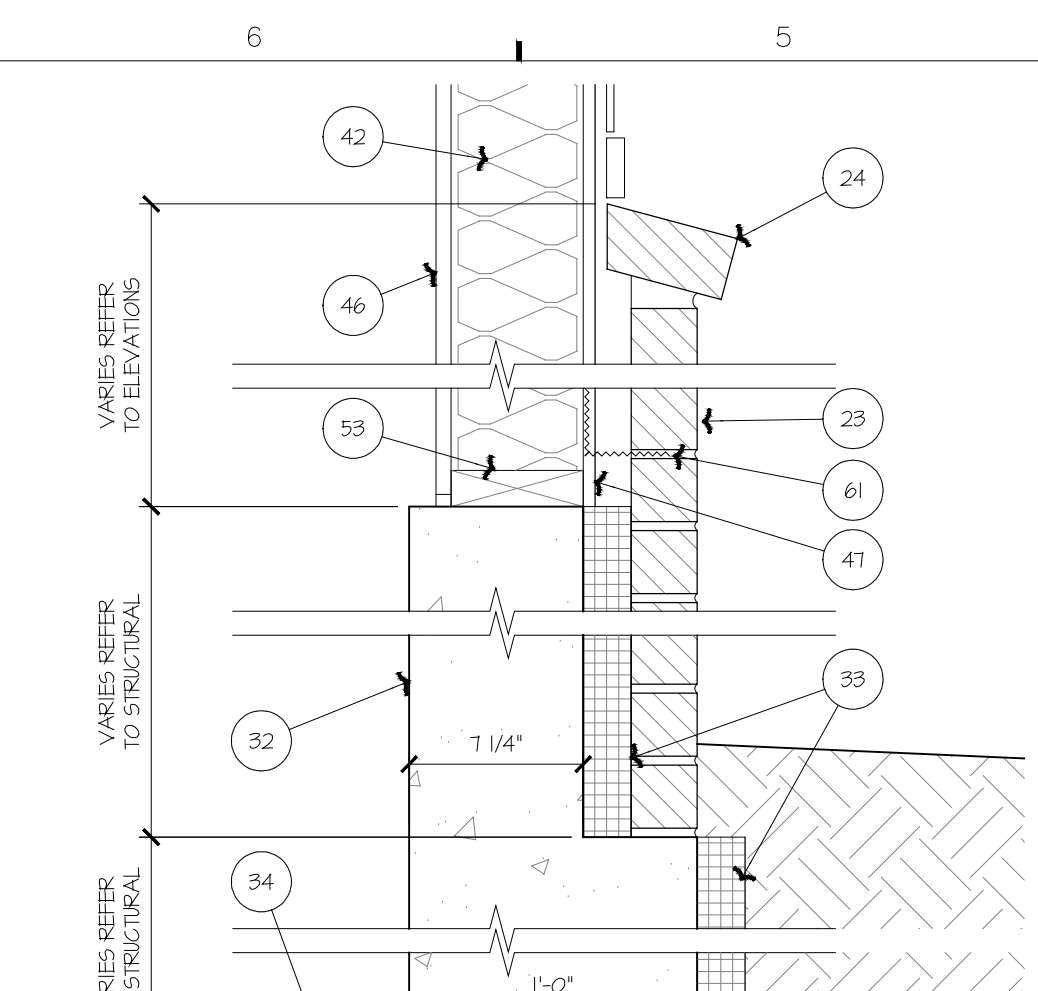
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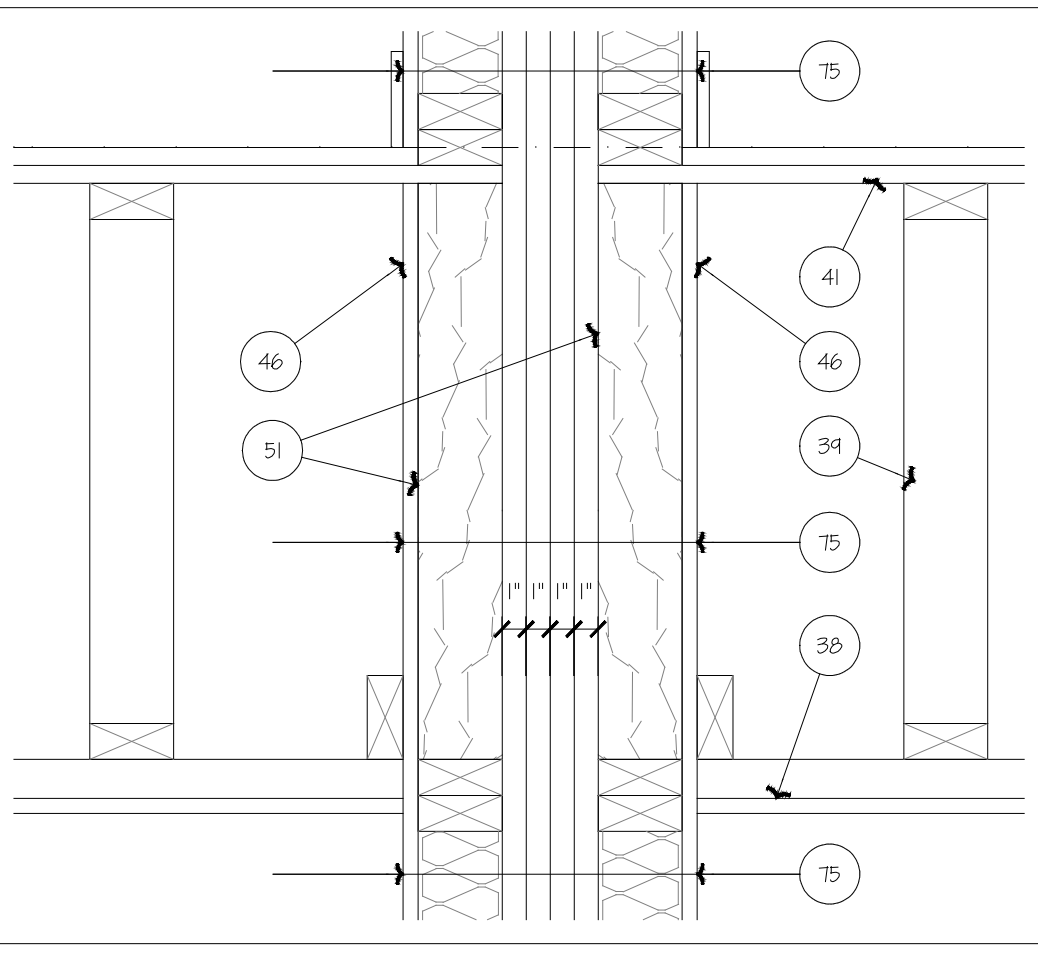
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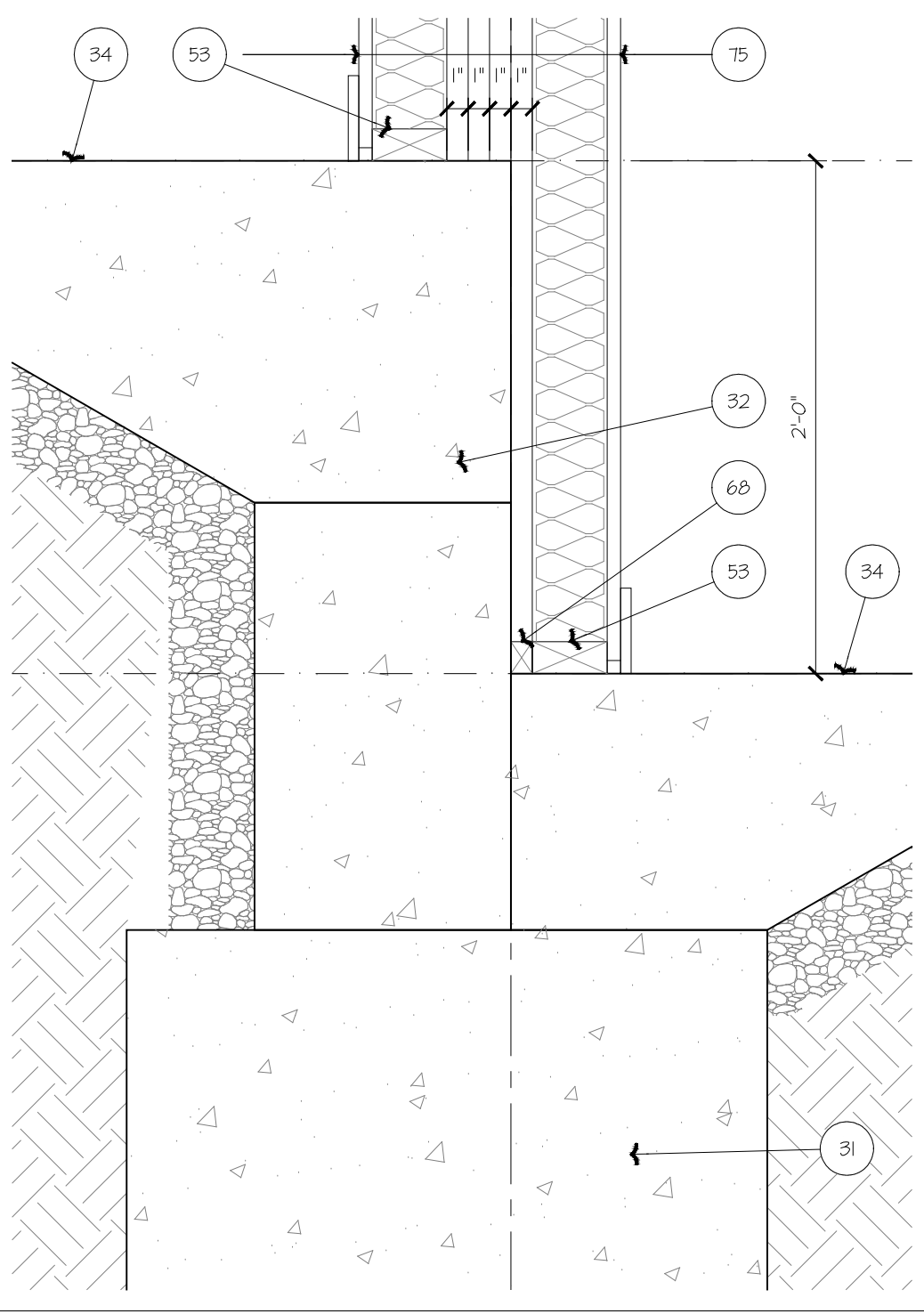
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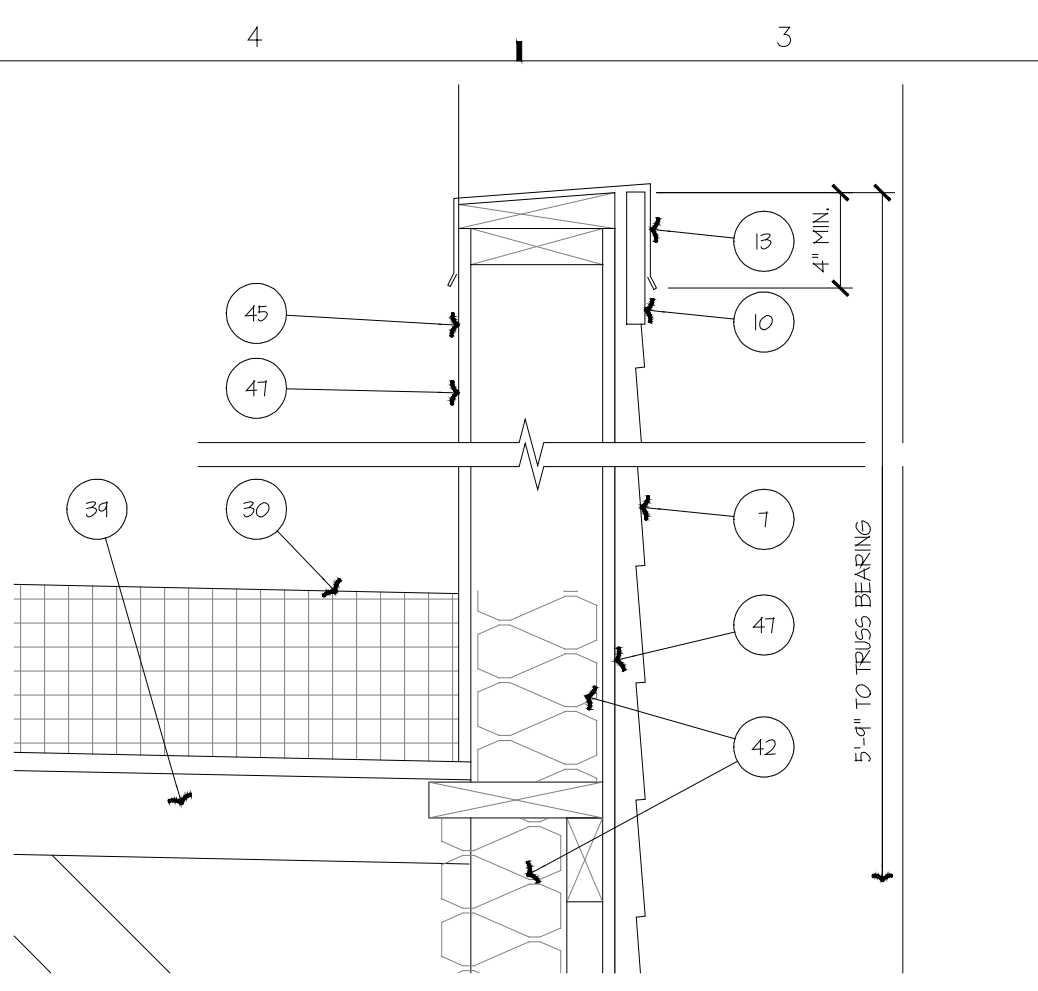
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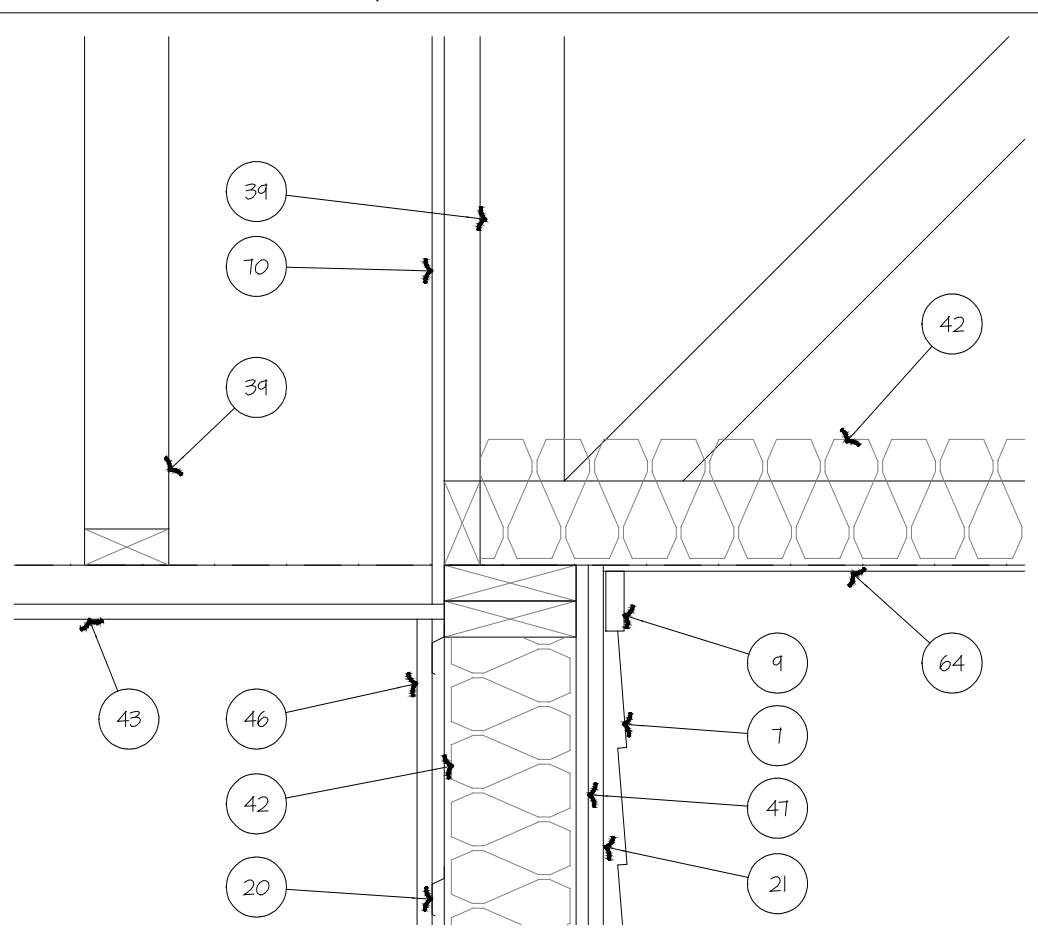
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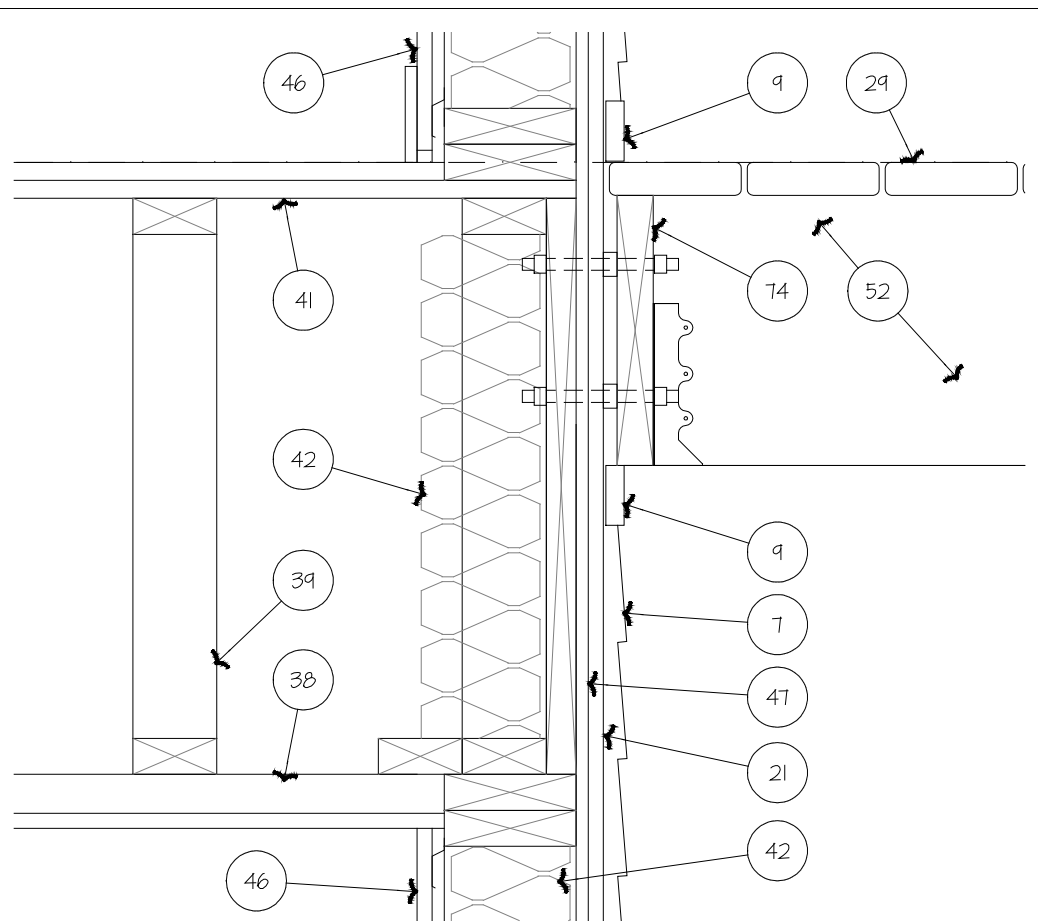
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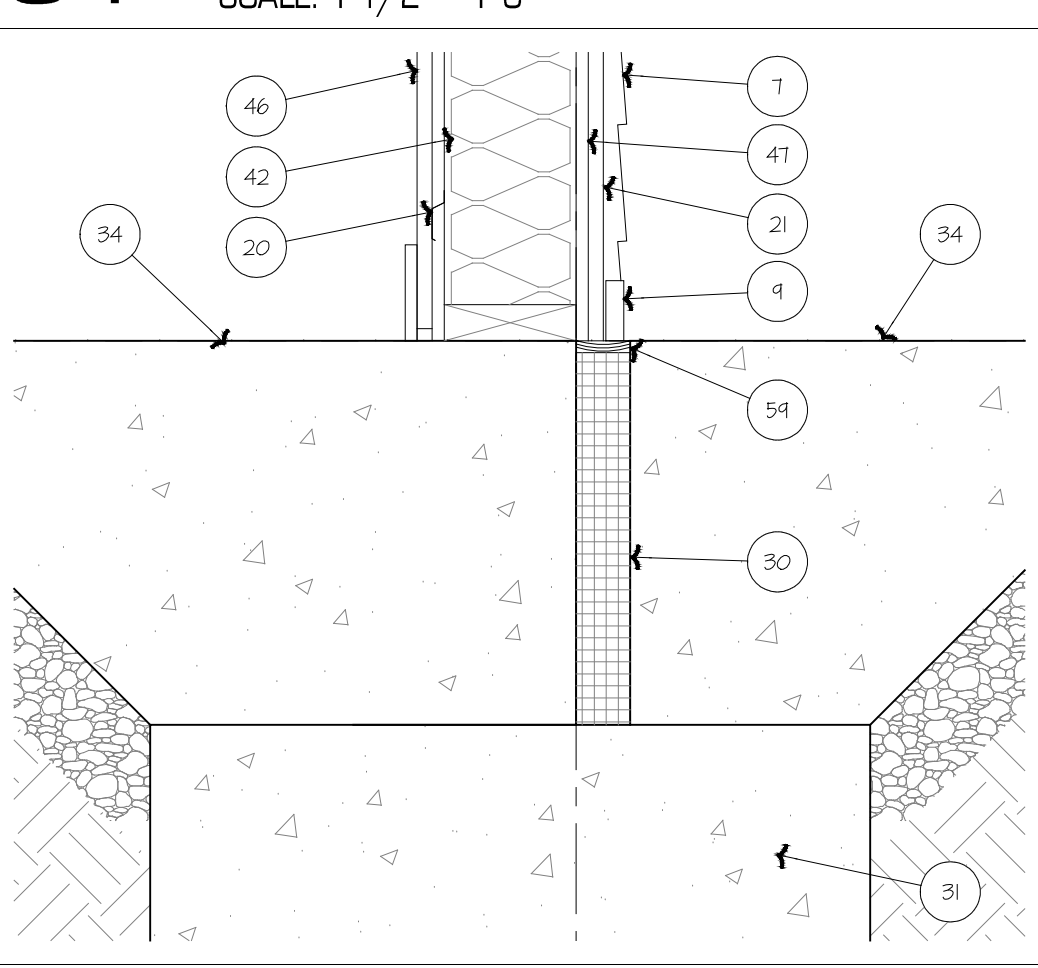
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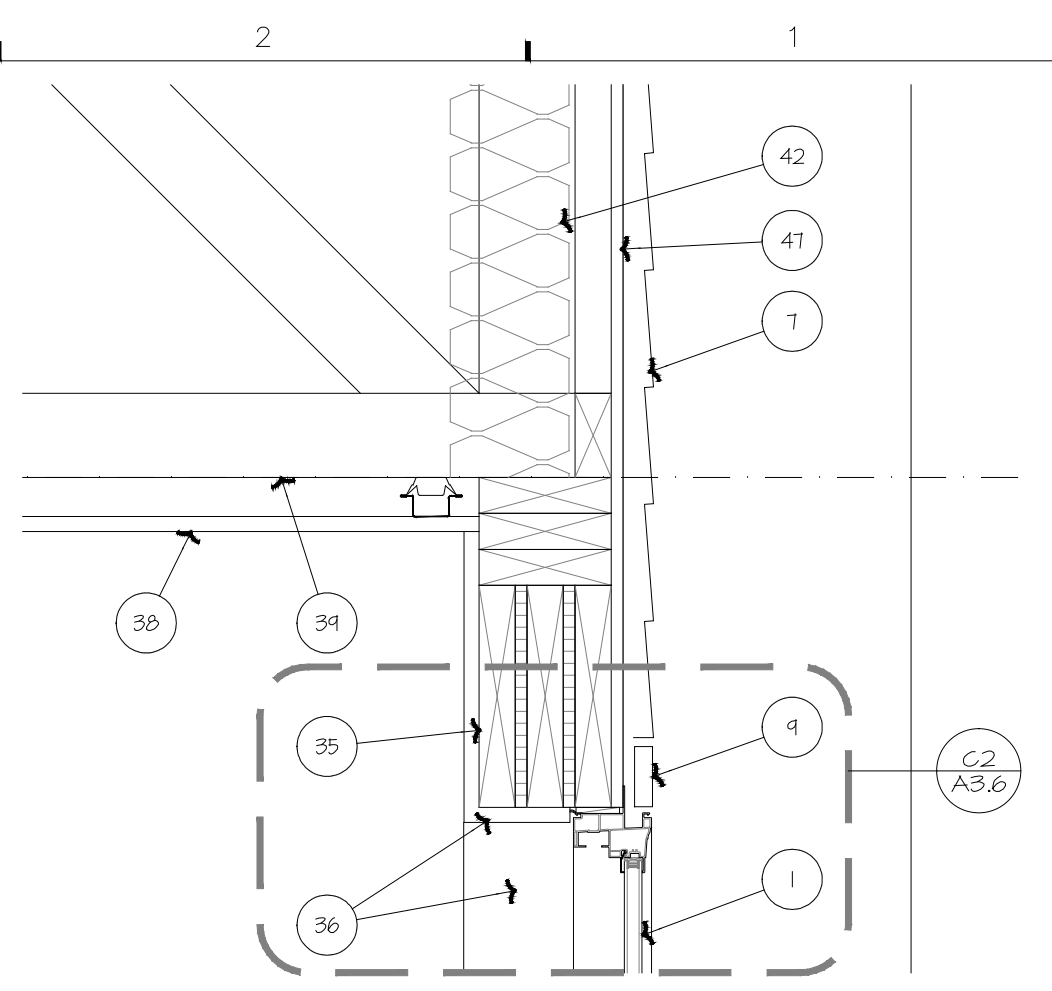
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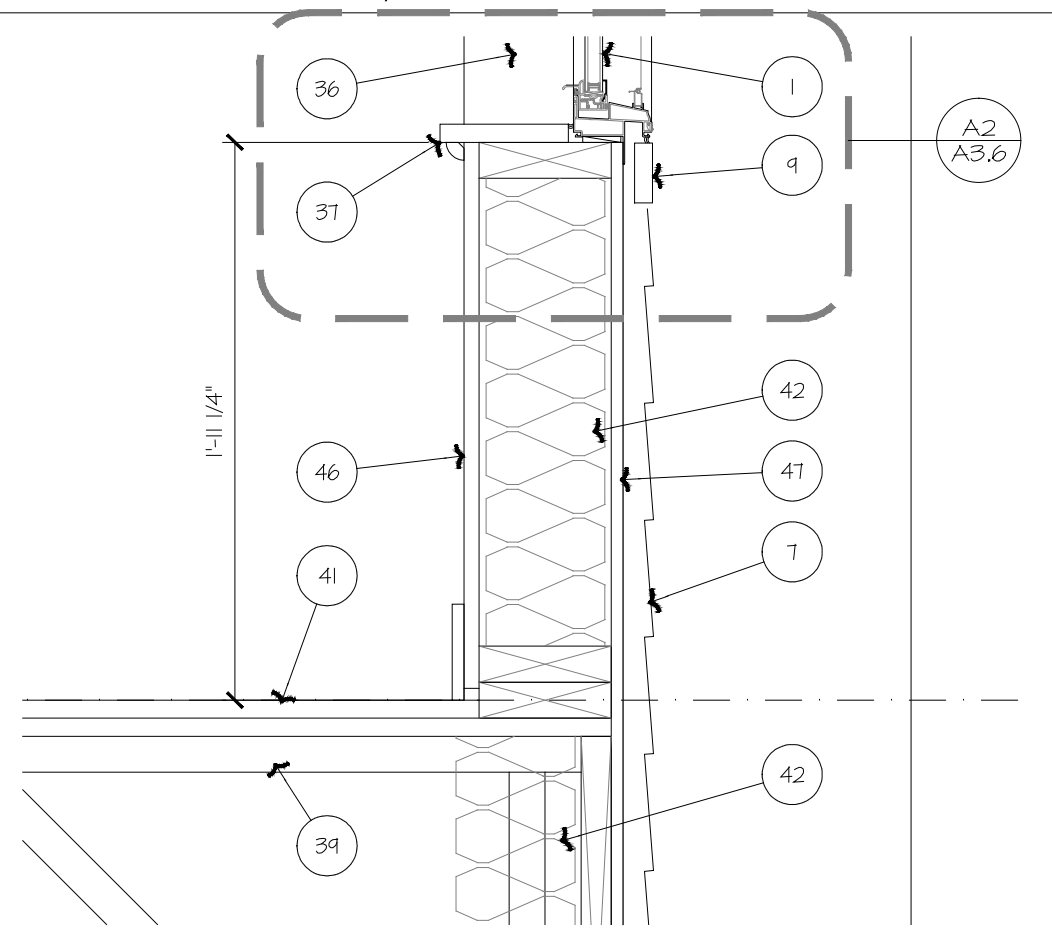
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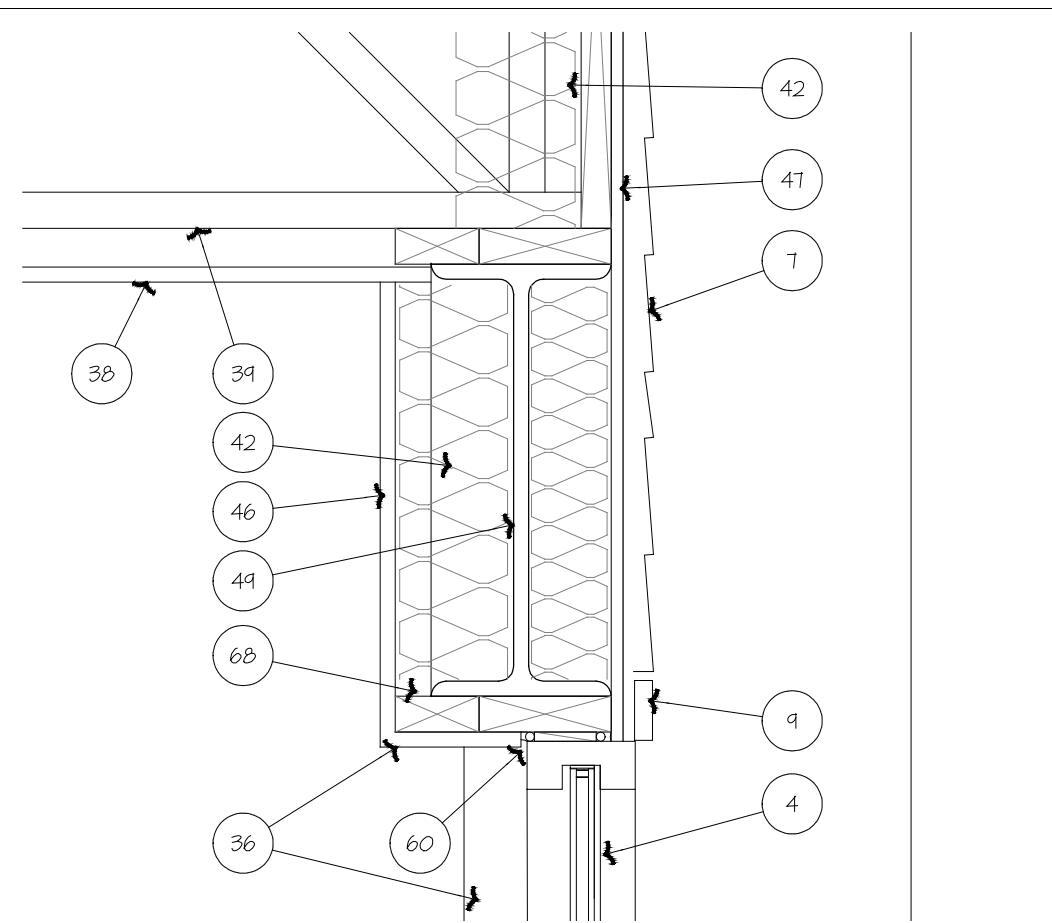
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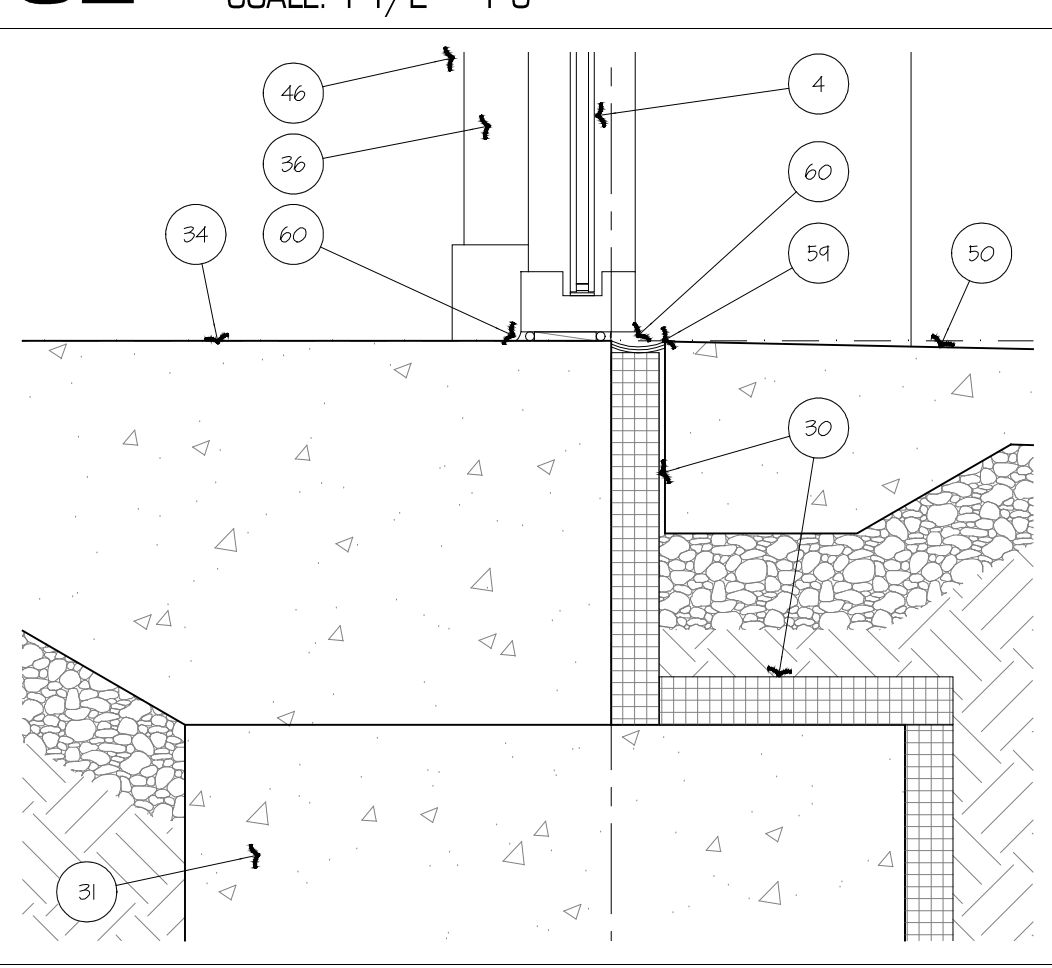
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E2 DETAIL
SCALE: 1 1/2" = 1'-0"



C2 DETAIL
SCALE: 1 1/2" = 1'-0"



A2 DETAIL
SCALE: 1 1/2" = 1'-0"

KEY NOTES

- VINYL WINDOW PER SCHEDULE, QUAKER ADVANTEDGE SERIES BASIS OF DESIGN, 089313
- CEMENT FIBER VERTICAL SIDING PANEL W/ 2 1/2" CEMENT FIBER BOARD TRIM, SMOOTH PANEL, 1 TRIM TEXTURE, INCLUDE HORIZONTAL Z-FLASHING AT ALL HORIZONTAL TRIM PER MANUFACTURER'S RECOMMENDATIONS, PAINT COLOR AS INDICATED, 074646
- ALUMINUM STOREFRONT ENTRANCE, 084113
- ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 45UT BASIS OF DESIGN, 084115
- BUILDING SIGNAGE W/ 1/2" TALL CLEAR ANODIZED CHANNEL LETTERS, FONT TO BE SELECTED BY OWNER, 101400
- WALL MOUNTED ELECTRICAL EQUIPMENT, RE: ELECTRICAL
- CEMENT FIBER BOARD LAP SIDING, 6" EXPOSURE SMOOTH TEXTURE, PAINT COLOR AS INDICATED, 074646
- CEMENT FIBER VERTICAL SIDING W/ BATTENS AT 16" O.C. SMOOTH PANEL, 1 BATTEN TEXTURE, PAINT COLOR AS INDICATED, 074646
- 2 1/2" CEMENT FIBER BOARD TRIM, TEXTURE & FINISH TO MATCH ADJACENT CEMENT FIBER BOARD SIDING UNLESS NOTED OTHERWISE (UNCL), 074646
- SAME AS NOTE #1 EXCEPT 5 1/2" TRIM, 074646
- GALVANIZED HSS METAL RAILING WITH 3" X 5" WELDED WIRE MESH PANELS, 085213
- COMPOSITE WOOD FASCIA ATTACHED TO STAIR/DECK FRAMING, COLOR & FINISH TO MATCH COMPOSITE DECKING, 08553
- PRE-FINISHED METAL COPING W/ HEMMED EDGE, COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE, 07100
- TREATED TIMBER COLUMN, STAIN TO MATCH COMPOSITE DECKING, RE: STRUCTURAL
- PRE-FINISHED BREAK METAL INFILL PANEL, 071100
- FULL VIEW ALUMINUM & GLASS SECTIONAL DOOR, 083613
- EXTERIOR HOLLOW METAL DOOR, PAINT, RE: DOOR SCHEDULE, 08113
- STEEL & WOOD STAIR, TREATED WOOD CARRIAGES BOLTED TO MC CHANNEL STEEL STRINGERS, RE: STRUCTURAL, TREADS & LANDING DECKING TO BE 2X6 NOMINAL COMPOSITE WOOD PLANK, 06553
- KYMAR 500 PRE-FINISHED 1 HOUR RATED EXTERIOR EXPANSION JOINT COVER, KYNAR 500, COLOR AS MANUFACTURED BY CONSTRUCTION SPECIALTIES, COLOR CHART
- 1/2" R-4 RESILIENT CHANNEL
- 5/8" FIRE RATED FIBERGLASS-MAT FACED GYPSUM SHEATHING, 261600
- NOT USED
- FACE BRICK, MASONRY VENEER, USE SOLID UNITS AT EXPOSED ENDS, 04213
- BRICK ROLLOCK SILL, USE SOLID UNITS AT EXPOSED ENDS, 04213
- BRICK ROLLOCK CAP, ALIGN TOP OF CAP W/ WINDOW HEAD OR WINDOW MEETING RAIL, AS SHOWN ON ELEVATIONS, USE SOLID UNITS AT EXPOSED ENDS, 04213
- FIRE DEPARTMENT CONNECTION, RE: MEP
- INSULATED STEEL SECTIONAL DOOR, 083613
- GALVANIZED STEEL ANGLE LINTEL, RE: STRUCTURAL
- COMPOSITE WOOD PLANK DECKING, WOOD GRAIN TEXTURE, 06553
- TPO SINGLE PLY ROOFING ON MIN R-30 RIGID ROOF INSULATION ON PLY WOOD DECKING, SLOPE TO ROOF DRAIN CONDUCTOR HEAD, MINIMUM SLOPE OF 1:48, RE: ROOF PLANS, RE: STRUCTURAL, 075423
- CONCRETE FOUNDATION, RE: STRUCTURAL
- CONCRETE STEM WALL, RE: STRUCTURAL, INSTALL COLD FLUID-APPLIED WATERPROOFING PRIOR TO INSTALLATION OF INSULATION, MASONRY 1:10K FINISH GRADINGS, 07146
- R-10 RIGID INSULATION AT EDGE OF SLAB/FOUNDATION PERIMETER, INSULATION TO EXTEND MINIMUM OF 24" BELOW TOP OF SLAB, 071200
- REINFORCED CONCRETE SLAB OVER 15 MIL VAPOR BARRIER, RE: STRUCTURAL
- WOOD HEADER, RE: STRUCTURAL
- GYPSUM BOARD (5/8" BD) WINDOW HEAD & JAMB RETURN, PAINT
- 1 X EASED EDGE WOOD WINDOW STOOL, & 3/4" QUARTER ROUND APRON, PAINT, 062023
- 5/8" FIRE RATED (5/8" BD) ON 1/8" HAT CHANNEL & SOUND ISOLATION CLIP (1-5/8" TOTAL) PER FLOOR/CEILING ASSEMBLY TYPE 'A', RE: A03
- PRE-ENGINEERED WOOD FLOOR TRUSS, RE: STRUCTURAL
- 3 1/2" BATT INSULATION, 071200
- 3/4" GYPSUM FLOOR UNDERLAYMENT ON 3/4" TONGUE & GROOVE PLYWOOD, 055413
- MIN. R-20 BATT INSULATION, 071200
- 1 HR FIRE RATED ROOF ASSEMBLY PER ROOF/CEILING ASSEMBLY TYPE 'A', RE: A03
- PRE-ENGINEERED WOOD ROOF TRUSS, TOP CHORD TO BE SLOPED MINIMUM 1:48 TOWARDS PARAPET WALLS/THRU-WALL SCUPPERS, RE: STRUCTURAL
- TURN ROOF MEMBRANE UP & OVER PARAPET WALL, TERMINATE BENEATH METAL FLASHING
- 5/8" GYP BD, RE: FLOOR PLANS FOR FIRE RATINGS, PAINT
- 7/16" OSB EXTERIOR WALL SHEATHING WITH KEATHER BARRIER, RE: STRUCTURAL, 072500
- PRE-FINISHED METAL FLASHING W/ HEMMED EDGE, PROVIDE CRIP EDGE WHERE REQUIRED, 071200
- STRUCTURAL STEEL BEAM, RE: STRUCTURAL
- EXTERIOR CONCRETE WALK, RE: CIVIL
- PRE-ENGINEERED WOOD BEAM, RE: STRUCTURAL
- 2 X EXTERIOR TREATED WOOD JOIST, RE: STRUCTURAL
- 2 X 6 TREATED BOTTOM PLATE W/ FOAM SILL SEALER, TERMITE SHIELD, & ANCHOR BOLT, RE: STRUCTURAL, 31316
- MASONRY THRU WALL FLASHING W/ KEEPS AT 24" O.C. 04213
- MINIMUM 1/4" GAP, DO NOT CAULK
- ADA COMPLIANT ALUMINUM DOOR THRESHOLD, SET IN BED OF SEALANT
- DOOR THRESHOLD TO COMPLETELY COVER SLAB EDGE INSULATION
- 1/4" CONCRETE EXPANSION MATERIAL
- HOLD SLAB EDGE INSULATION SHORT 1/2" & FILL GAP W/ ELASTOMERIC SEALANT, 071200
- CONTINUOUS SEALANT, PROVIDE BACKER ROD AS REQUIRED, SEALANT COLOR TO BE 'ALUMINUM' WHERE ADJACENT TO CLEAR ANODIZED FINISHES, 071200
- MASONRY TIES AT 16" O.C. VERTICAL & 32" O.C. HORIZONTAL, TYPICAL, PROVIDE TIES COMPATIBLE W/ EXTERIOR RIGID WALL INSULATION WHERE APPLICABLE, 04213
- PRE-FINISHED METAL TERMINATION BAR, 076200
- PRE-FINISHED METAL COUNTER FLASHING, 076200
- CEMENT FIBER BOARD SOFFIT, SMOOTH TEXTURE, PAINT, 074646
- 2 PIECE PRE-FINISHED BREAK METAL GARAGE DOOR JAMB, 071100 & 083613
- HOLLOW METAL DOOR & FRAME PER DOOR SCHEDULE, PAINT, 08113
- DOUBLE STUD AT JAMB CONDITION TYPICAL
- WOOD BLOCKING/ NAILER AS REQUIRED
- RECESS CONCRETE SLAB AT OVERHEAD SECTIONAL DOOR THRESHOLD, RETURN RECESS AROUND JAMB TO ACCOMMODATE DOOR TRACK PER MANUFACTURER'S SPECIFICATIONS
- 1/2" MIN. GYP BD OR 3/8" MIN WOOD SHEATHING, DRAFTSTOPPING ALIGNED W/ UNIT DEMISING WALLS, RE: ROOF PLAN FOR LOCATIONS, NOTE: CONTINUOUS SHEATHING PER STRUCTURAL, CAN DOUBLE AS DRAFTSTOPPING
- UNDERGROUND STORM WATER PIPE, RE: CIVIL, RE: STRUCTURAL FOR REQUIREMENTS ON CONCRETE TRENCH BACKFILL
- 2X WOOD CEILING JOIST, RE: STRUCTURAL
- TPO SINGLE PLY ROOFING ON 3/4" WOOD DECKING ON RIPPED 2X8 WOOD ON 3/4" WOOD DECKING, RIP SLEEPERS AT MIN. 1:48 SLOPE TO DRAIN TO EXTERIOR, TURN TPO JP CORRIDOR WALLS A MINIMUM OF 8" & TERMINATE W/ TERMINATION BAR
- TREATED STRUCTURAL WOOD LEDGER, RE: STRUCTURAL, PROVIDE 1/2" NEOPRENE WASHERS BETWEEN LEDGER & SHEATHING/ KEATHER BARRIER TO ALLOW FOR DRAINAGE
- 2 HOUR FIRE RATED AREA SEPARATION WALL PER WALL TYPE 'C', RE: A02
- CEMENT FIBER VERTICAL SIDING, INSTALLED AT THE BACK OF PARAPET, PAINT, 074646
- MIN. R-30 BATT INSULATION, 071200

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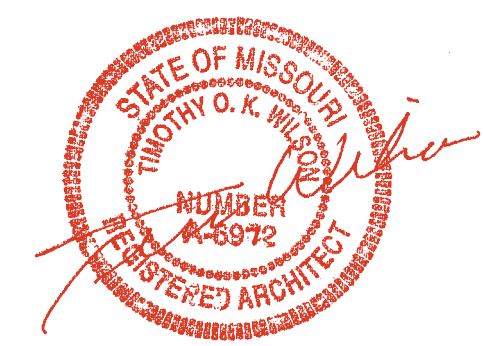
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DETAILS

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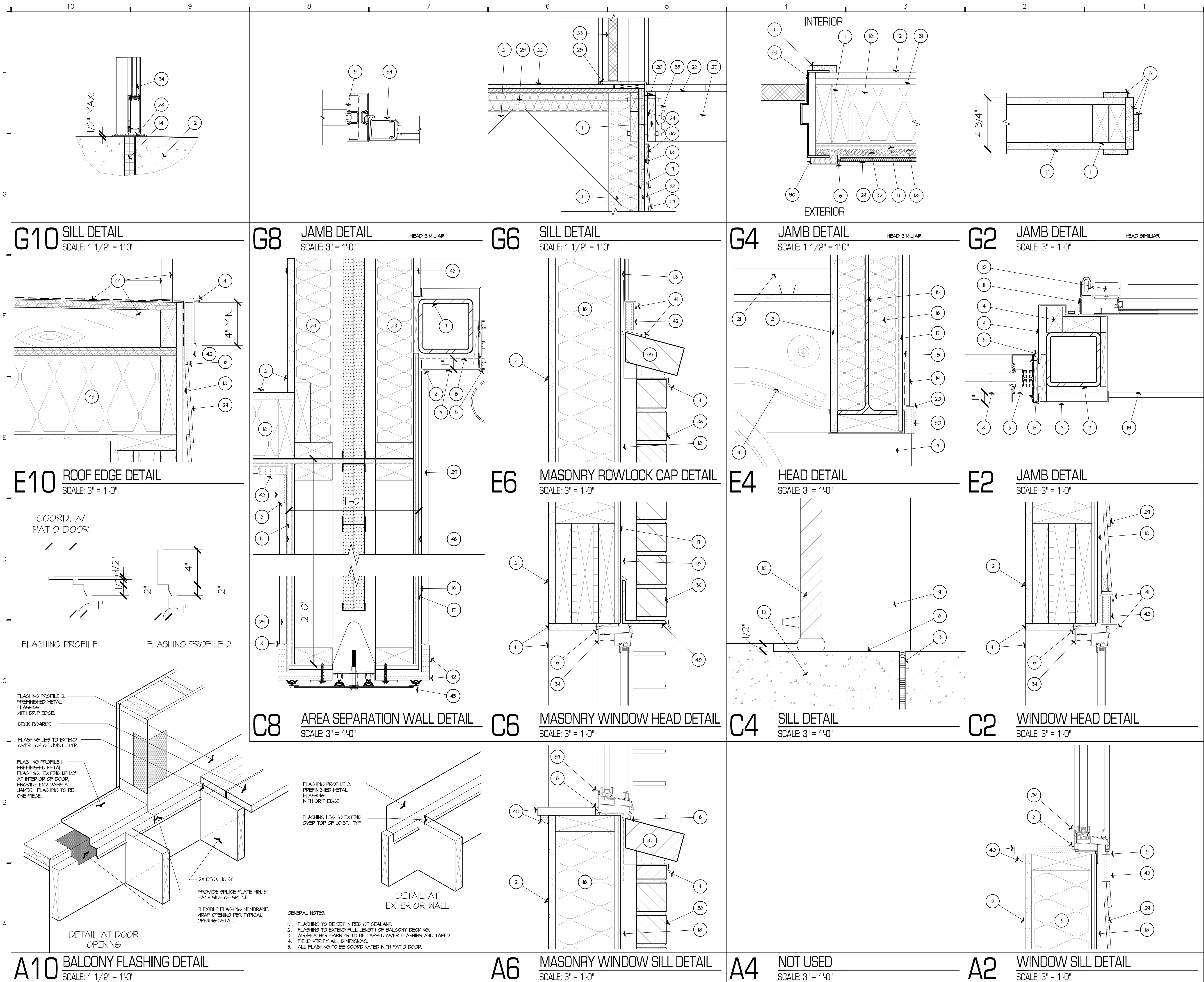
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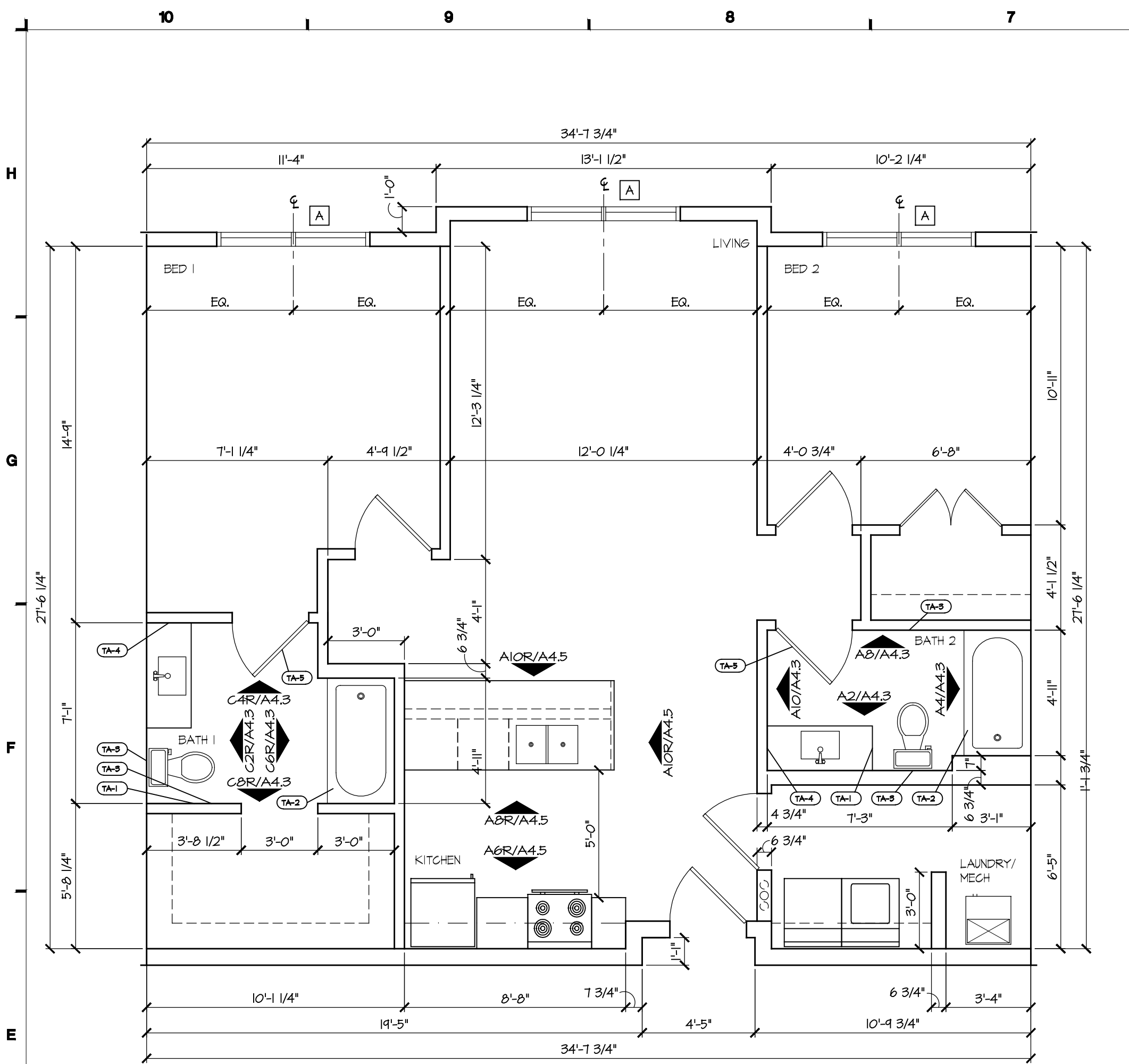
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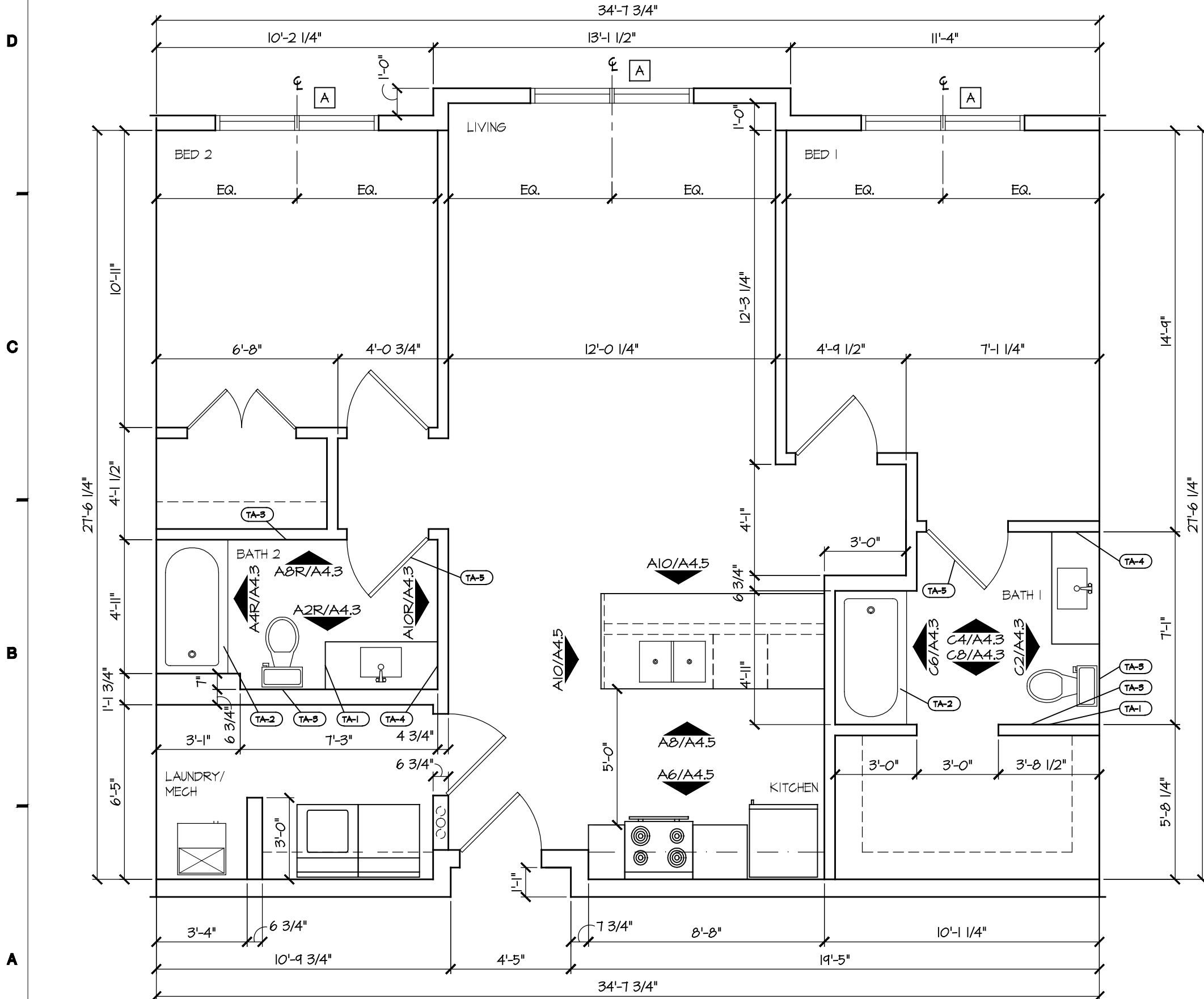
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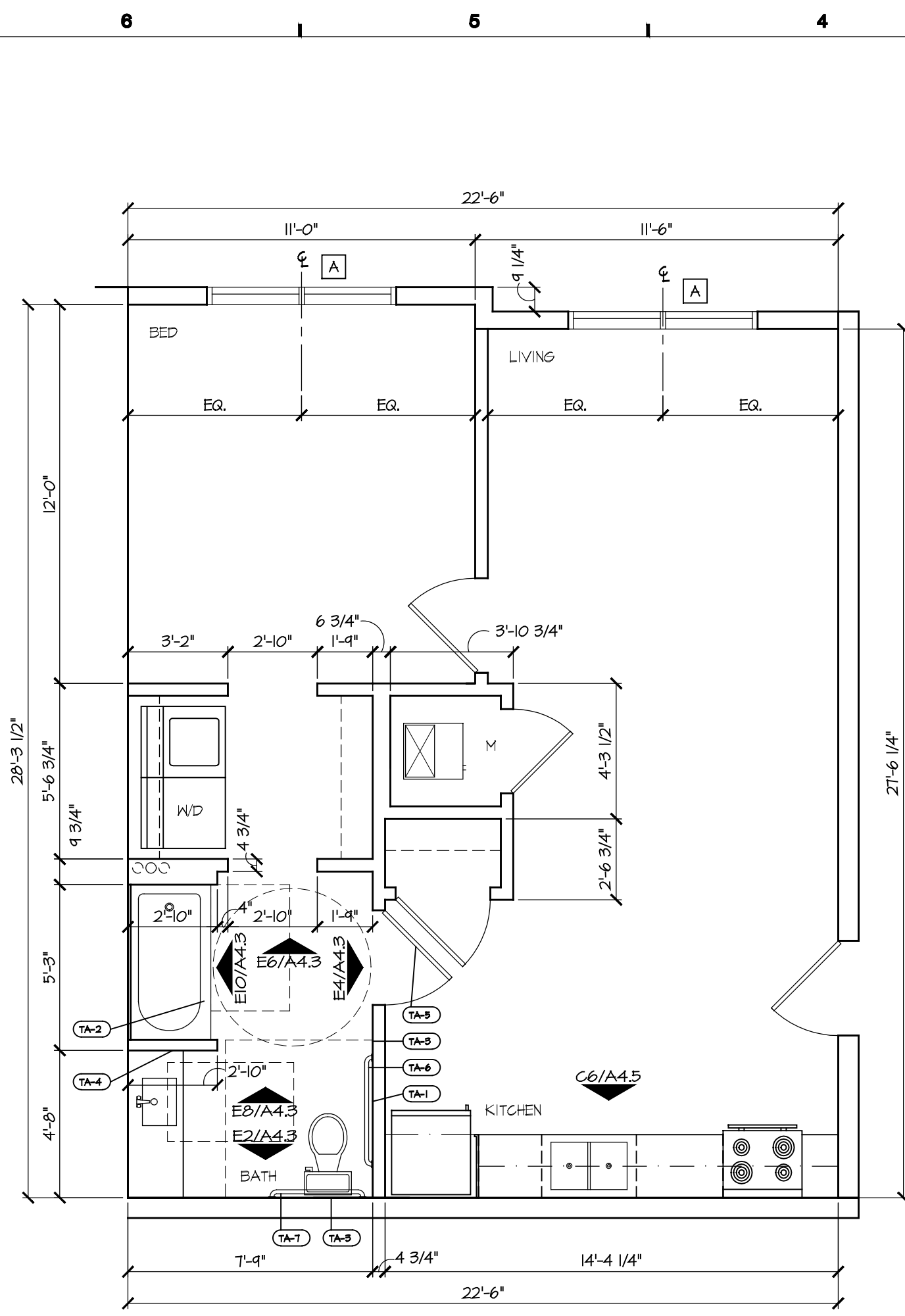
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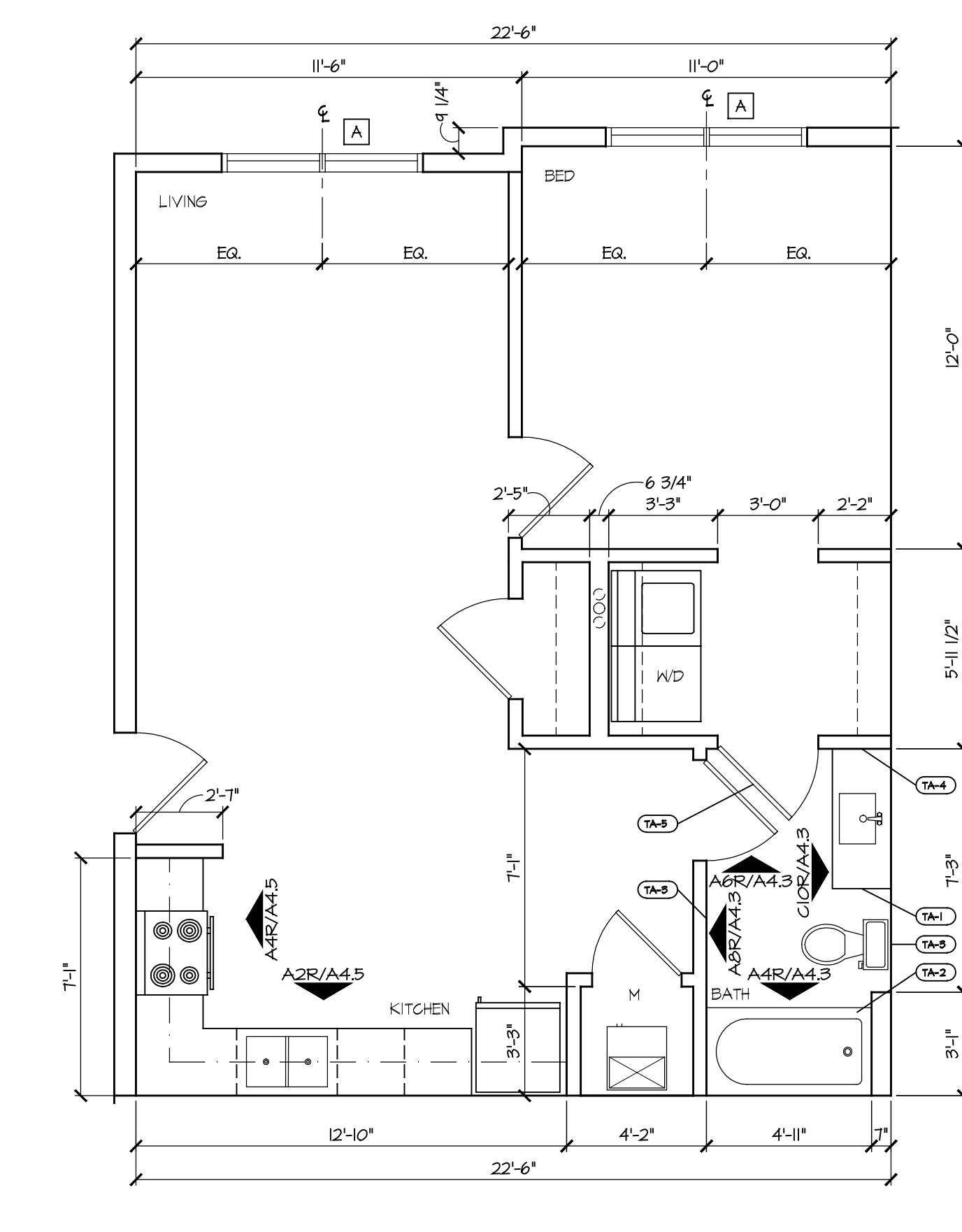
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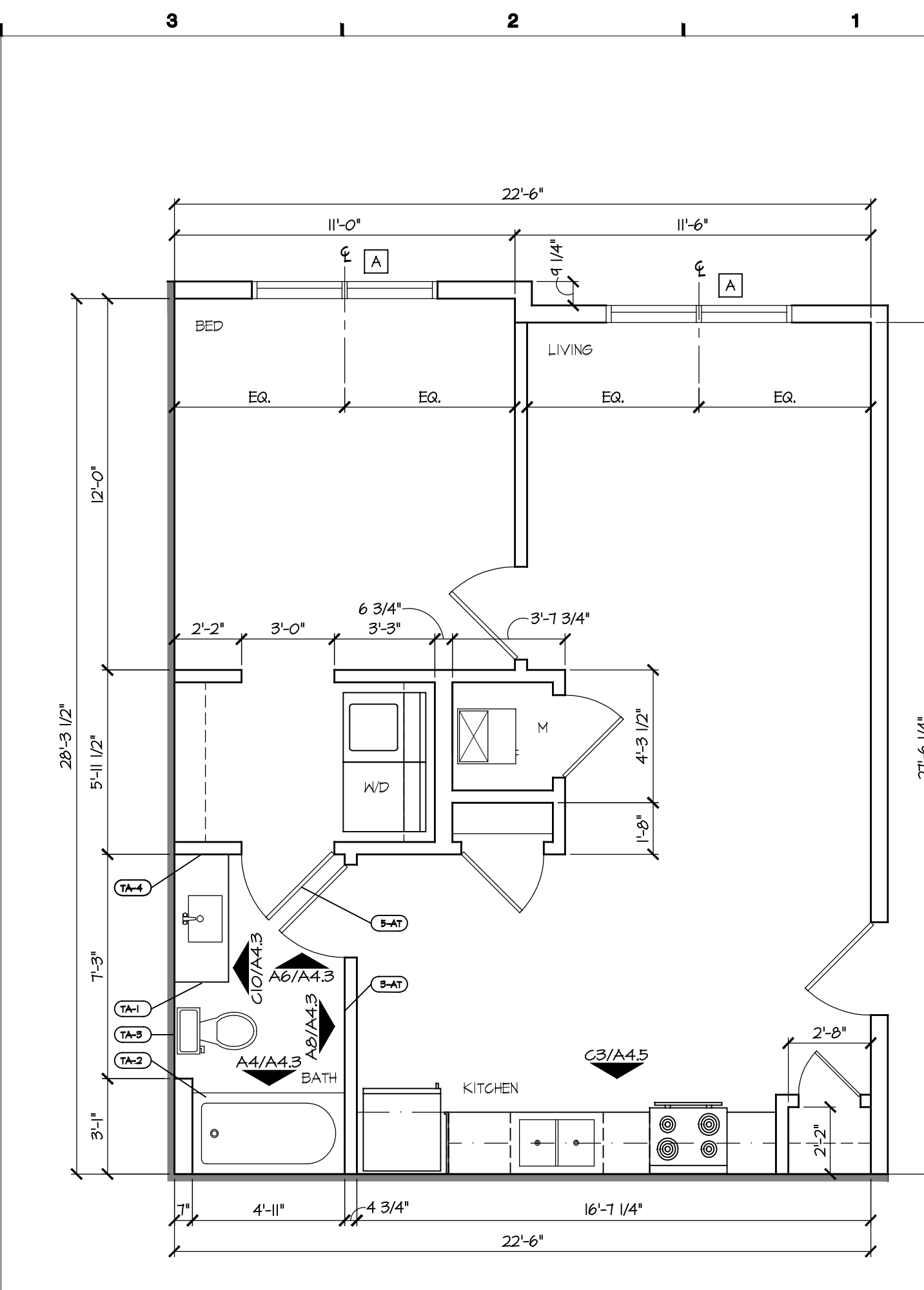
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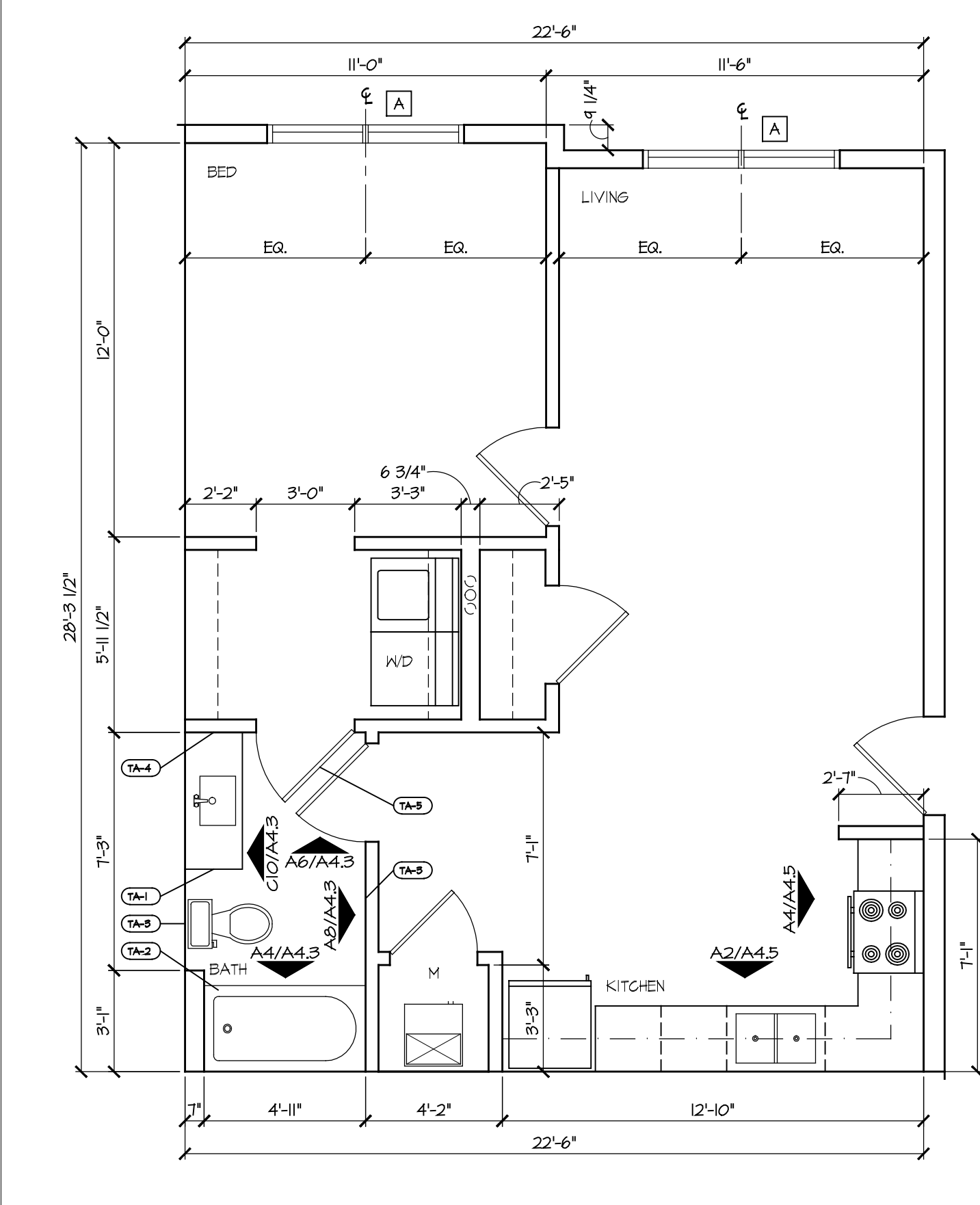
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SCALE: 1/4" = 1'-0"



A6 ENLARGED UNIT PLAN (1 BED REV.)
SCALE: 1/4" = 1'-0"



E3 ENLARGED UNIT PLAN (1 BED MOD.)
SCALE: 1/4" = 1'-0"



A3 ENLARGED UNIT PLAN (1 BED)
SCALE: 1/4" = 1'-0"

KEY NOTES

- MIRROR, FULL LENGTH OF VANITY, UNLESS NOTED OTHERWISE, REFER TO SPEC. SECTION 083000.
- MOOD CABINETS, RE: GENERAL NOTES.
- INSTALL TUB/SHOWER AFTER FIRE RATED WALL, GYPSUM BOARD IS INSTALLED. INSTALL ONE ADDITIONAL LAYER OF GYPSUM BOARD, FLUSH W/ ADJACENT WALL (ADJUST STUD DEPTH AS NEEDED), ON FIRE RATED WALL TO COVER SHOWER NAILING FINIS. TYPICAL ALL SIMILAR LOCATIONS.
- TOILET (ADA) COMPLIANT IF NOTED). RE: PLUMBING.
- PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL MOOD BLOCKING AT HEAD, FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR FUTURE GRAB BAR INSTALLATION, EGG ANTI-2000 COMPLIANT. RE: PLUMBING.
- PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL MOOD BLOCKING AT HEAD, FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR GRAB BAR INSTALLATION (ICC ANSI A111-2004 COMPLIANT. MANUFACTURER TO PROVIDE SHOWER W/ COMPLIANT GRAB BARS, SEAT, HAND-HELD SHOWER ASSEMBLY WITH SLIDE BAR, PRESSURE BALANCING MIXING VALVE, SOAP DISH AND CURTAIN ROD, RE: PLUMBING).
- BASE PER FINISH SCHEDULE.
- GYPSUM BOARD WALL CONSTRUCTION, PAINT.
- CULTURED MARBLE COUNTERTOP W/ INTEGRAL SINK AND 4" BACKSPLASH & RETURN. COLOR SOLID WHITE.
- DOOR PER SCHEDULE.
- INSTALL FLOOR FINISH & BASE UNDER REMOVABLE BASE CABINET, PAINT WALLS & INSULATE ALL EXPOSED PIPING.
- 2X WOOD BLOCKING CONTINUOUS, INDICATED BY HATCHED AREA FOR SCHEDULED & FUTURE INSTALLATION OF GRAB BARS PER ICC/ANSI A111-2004. TYPICAL.
- FILLER PIECE, MATCH CABINET STYLE.
- ADA MOUNTED SINK, RE: PLUMBING.
- INSULATE ALL EXPOSED PIPING.
- ADA WATER FOUNTAIN, RE: PLUMBING.
- KOP SINK WITH STAINLESS STEEL SPLASH GUARD, RE: PLUMBING.
- DISHWASHER END PANEL, MATCH CABINET STYLE.
- BATHS / SHOWER VALVE CONTROL AREA, TYPICAL.
- 1/2" THICK PLASTIC LAMINATE COUNTERTOP WITH 4" BACKSPLASH & RETURN WHERE SHOWN. RE: SPEC. SECTION 126625.5.
- CABINET END PANEL.
- IN ACCESSIBLE KITCHENS, TOP OF ELEC. BOXES (SWITCHES TO CONTROL GARBAGE DISPOSAL, RANGE HOOD LIGHT, RANGE MOOD FAN ETC.) & OUTLETS AT 3'-0" AFF. RE: ELEC. PLANS.
- ELEC. DEVICE, RE: ELEC. PLANS FOR DEVICE TYPE.
- 1/2" X 1" WOOD TRIM BELOW COUNTERTOP AT WALL JOINT, PAINT.
- INSTALL 2 1/2" RUBBER BASE ON ALL BATH FRONTS.
- ADA SHOWER CONTROL & HAND SHOWER, HAND SHOWER TO HAVE MIN 94" HOSE & ADJUSTABLE HEIGHT SHOWER HEAD MOUNTED ON A 50" VERTICAL BAR, RE: PLUMBING PLANS.
- REMOVABLE BASE END SUPPORT TO BE ANGLED & SUPPORT TO COMPLY WITH SPACE REQUIREMENTS OF DETAIL E2/A4.4, FULL END SUPPORT PANEL NOT ALLOWED.
- UNIVERSAL DESIGN FEATURE, CUSTOM ROLL OUT WORK SURFACE KIT BY CABINET MANUFACTURER.

GENERAL NOTES

- IN ALL UNIT BATHS, CONTRACTOR SHALL PROVIDE & INSTALL 1 HAND TOWEL RING (6" DIA), 1 ROSE HOOK, 1 TOILET PAPER DISPENSER, SHOWER ROD, & 2 TOWEL BARS (24"). REFER TO SPEC. SECTION 102200.
- CABINETRY SHALL BE BY ARMSTRONG, TIARA STYLE (RAISED PANEL MAPLE), MOCHA FINISH. FULLS BY AMERCOCK CORP. FULL STYLE EPS248590. COORDINATE CABINETRY INSTALLATION AS REQUIRED PRIOR TO FABRICATION. CONSTRUCT WALLS W/ ROUGH OPENINGS AS NEEDED FOR SIZES OF CABINETRY INDICATED. INSTALL MATCHING WOOD SCRIBE AT ALL CABINET / WALL JOINTS. INSTALL MATCHING WOOD QUARTER ROUND BASE SHOE AT ALL TOWERLOCK & END PANEL / FINISH FLOOR JOINTS. TORSSUCK TO MATCH CABINETRY FINISH, REFER TO SPEC. SECTION 125950.
- COORDINATE CABINETRY WITH APPLIANCES FOR PROPER CLEARANCES, OPERATION ETC.. RE: SPEC SECTION 18100 FOR APPLIANCE INFORMATION.
- PRIOR TO FABRICATION OF CASEWORK, CONTRACTOR SHALL FIELD VERIFY ACTUAL FINISHED WALL DIMENSIONS.
- PROVIDE FINISHED SURFACES ON CABINETS & COUNTERTOPS WHERE EXPOSED TO VIEW.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS & CEILINGS IN BATHS.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS & CEILINGS IN KITCHENS.
- UTILIZE 2X WOOD BLOCKING AS REQUIRED FOR PROPER INSTALLATION OF CABINETRY, ACCESSORIES, ETC.
- ARCHITECT TO SELECT ALL COLORS, FINISHES, ETC.
- CAULK ALL COUNTERTOP & BACKSPLASH / G.B. WALL JOINTS. SET SINKS IN A BED OF CAULK. CAULK TO BE CLEAR.

TOILET ACCESSORIES

LEGEND

NOTE: CONTRACTOR SHALL INSTALL ALL REQUIRED 2X WOOD BLOCKING FOR A PROPER INSTALLATION OF TOILET ACCESSORIES. REFER TO E2/A4.3 FOR MOUNTING HEIGHTS. REFER TO SPEC. SECTION 102200 FOR ADDITIONAL INFORMATION.

- | | |
|-------|--|
| TA-1 | TOILET TISSUE DISPENSER |
| TA-2 | CURVED SHOWER CURTAIN ROD |
| TA-3 | 24" TOWEL BAR |
| TA-4 | HAND TOWEL RING |
| TA-5 | ROBE HOOK |
| TA-6 | 42" GRAB BAR |
| TA-7 | 36" GRAB BAR |
| TA-8 | TILT MIRROR - SURFACE MOUNT BOBRICK B-2888 |
| TA-9 | COMBINATION TRASH AND PAPER TOWEL DISPENSER |
| TA-10 | SOAP DISPENSER |
| TA-11 | 18" VERTICAL GRAB BAR |
| TA-12 | MOP AND BROOM HOLDER |
| TA-13 | 24" GRAB BAR |
| TA-14 | TOILET TISSUE DISPENSER SURFACE MOUNT BOBRICK B-2888 |
| TA-15 | SANITARY NAPKIN DISPOSAL SURFACE MOUNT BOBRICK B-210 |

APARTMENT UNIT TOILET ACCESSORIES BY MOEN, VALE STYLE, BRUSHED NICKEL FINISH.



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ENLARGED PLANS

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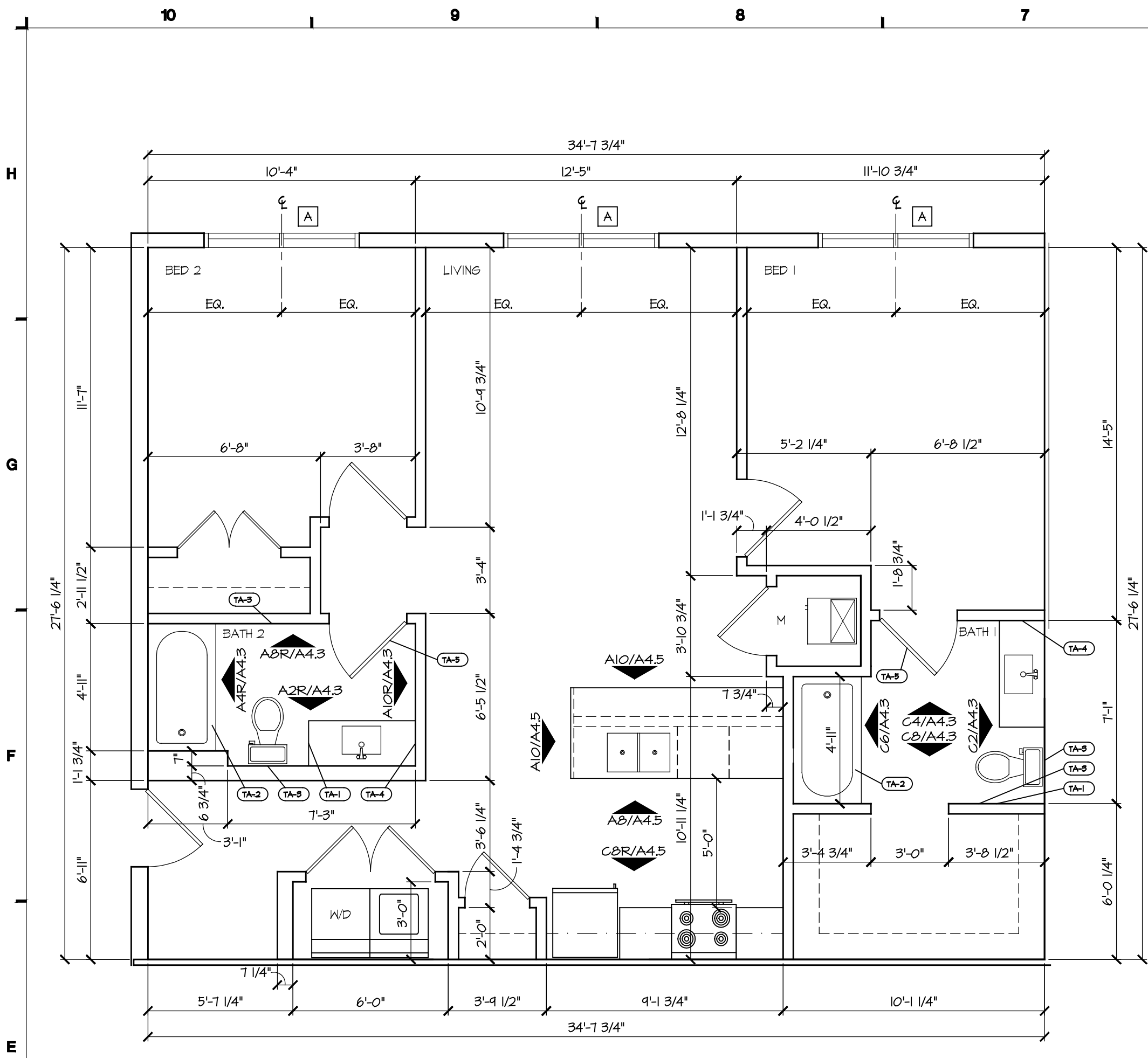
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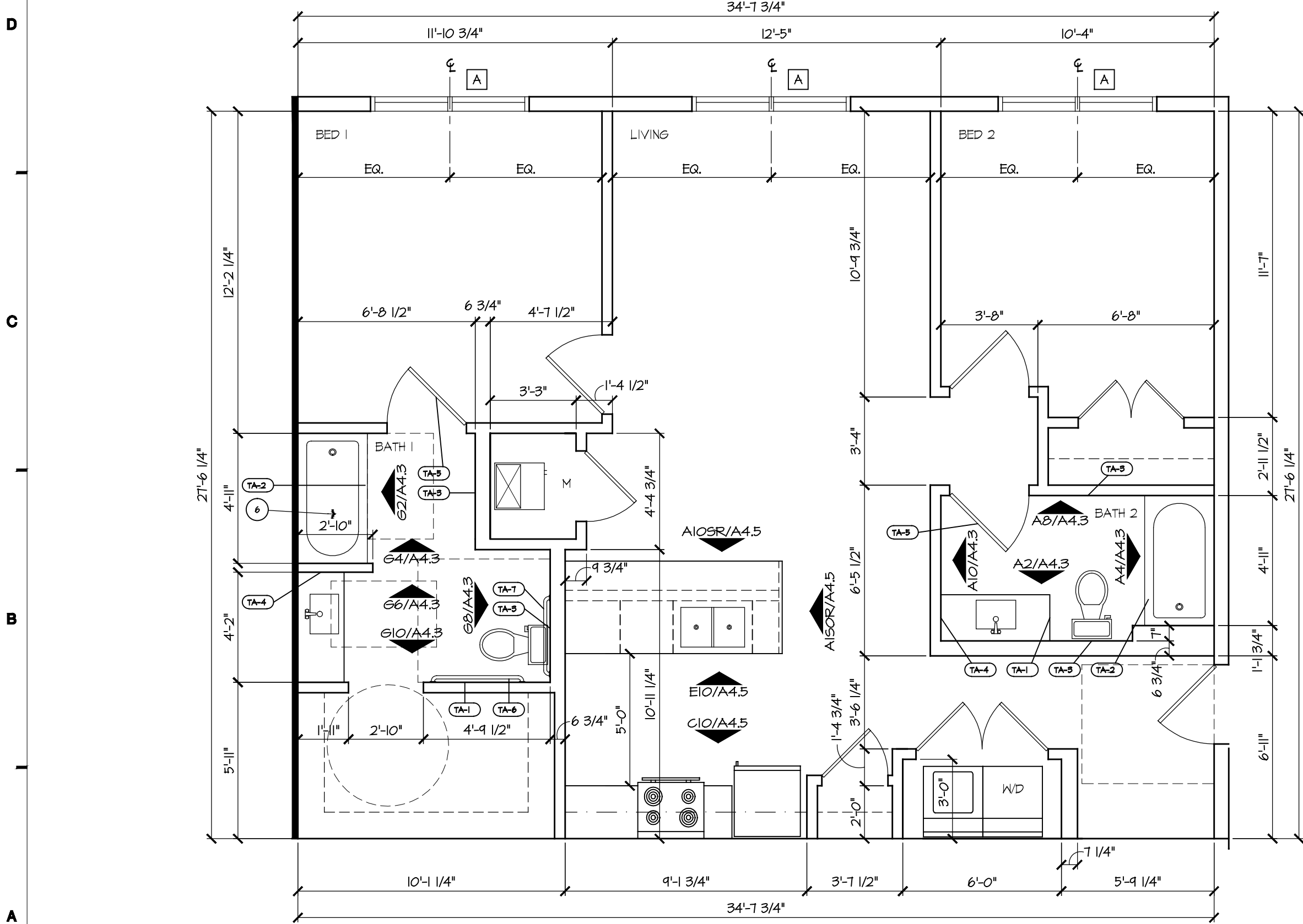
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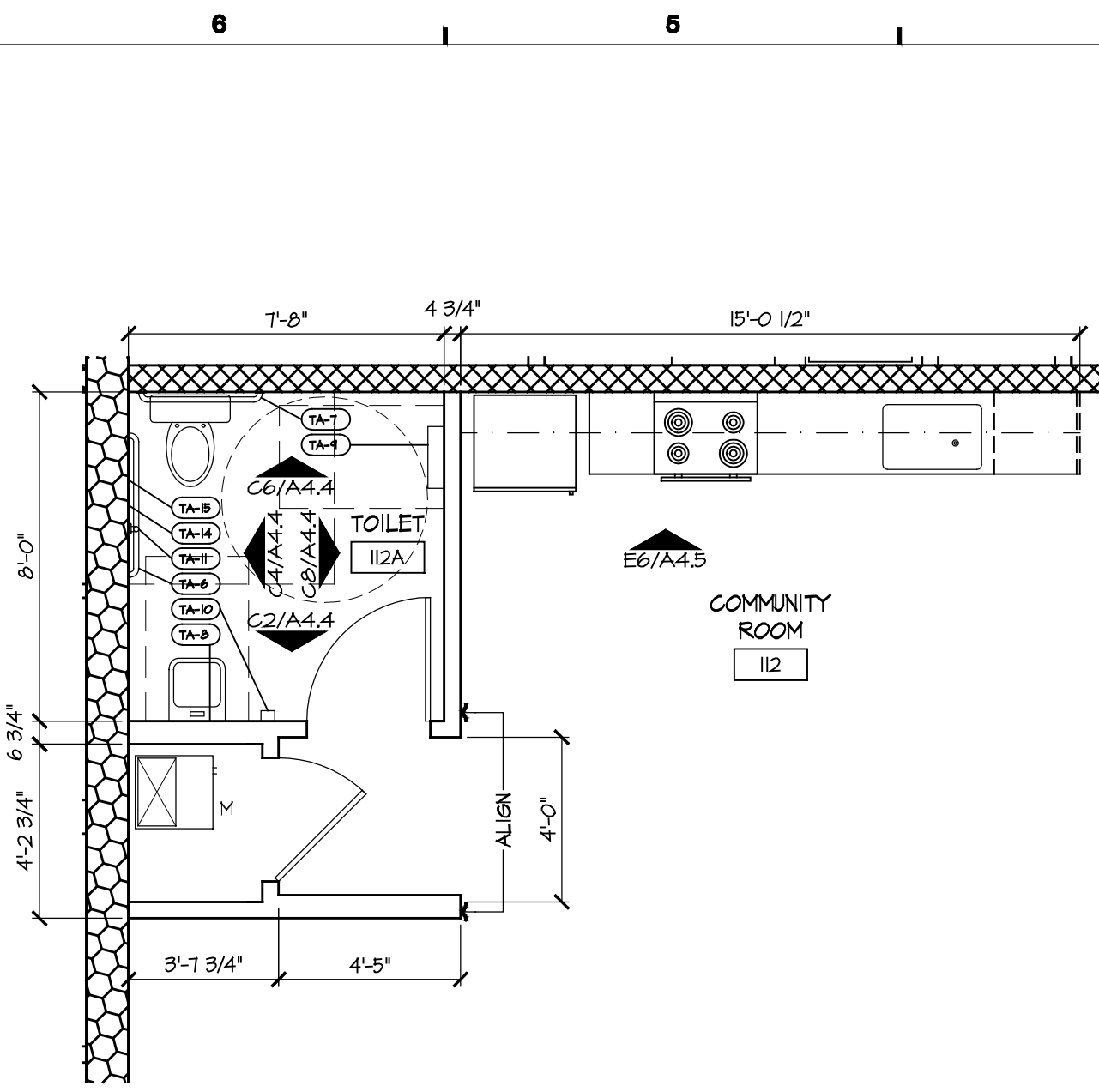
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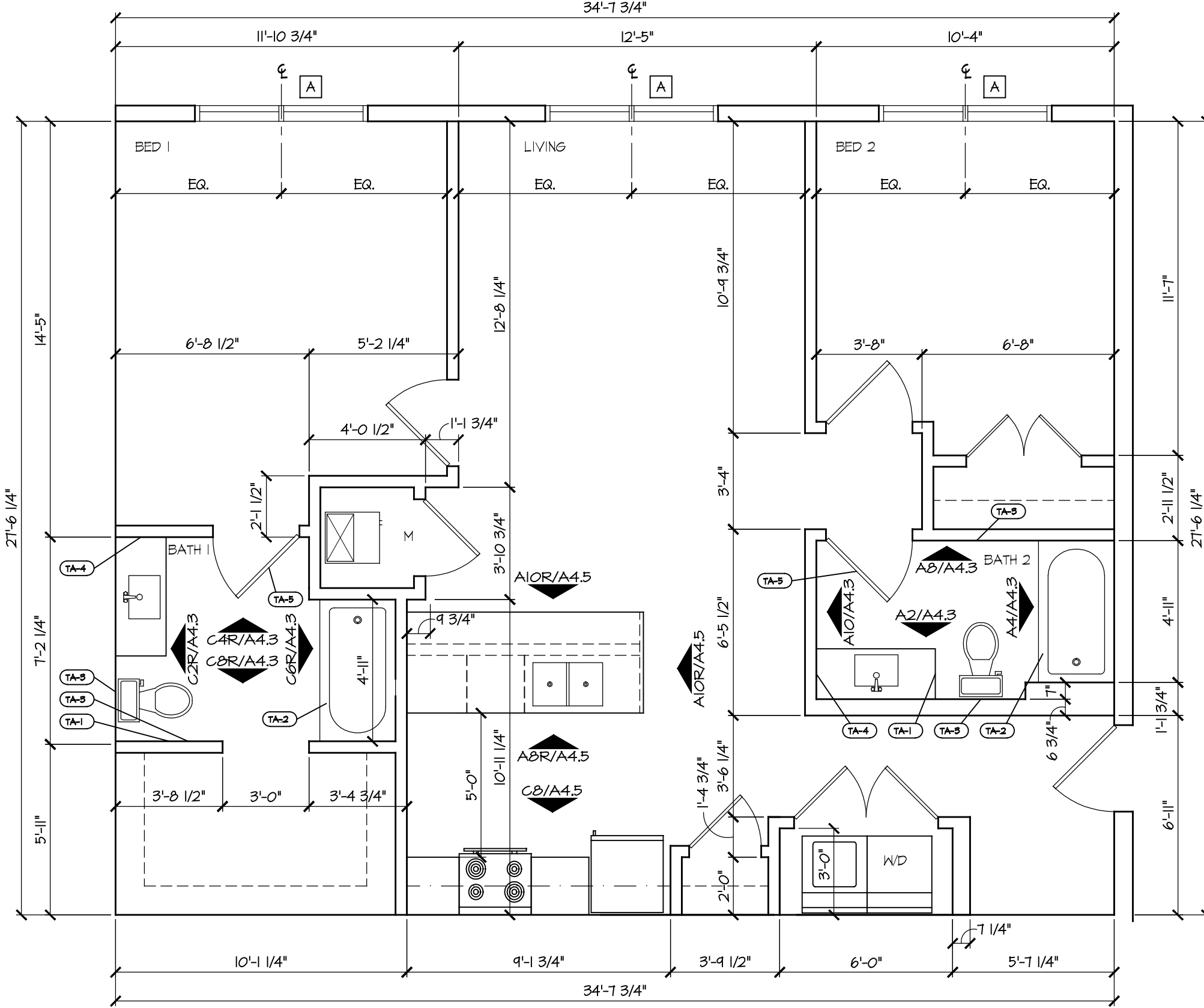
E10 ENLARGED UNIT PLAN (2 BED MOD. REV.)
SCALE: 1/4" = 1'-0"



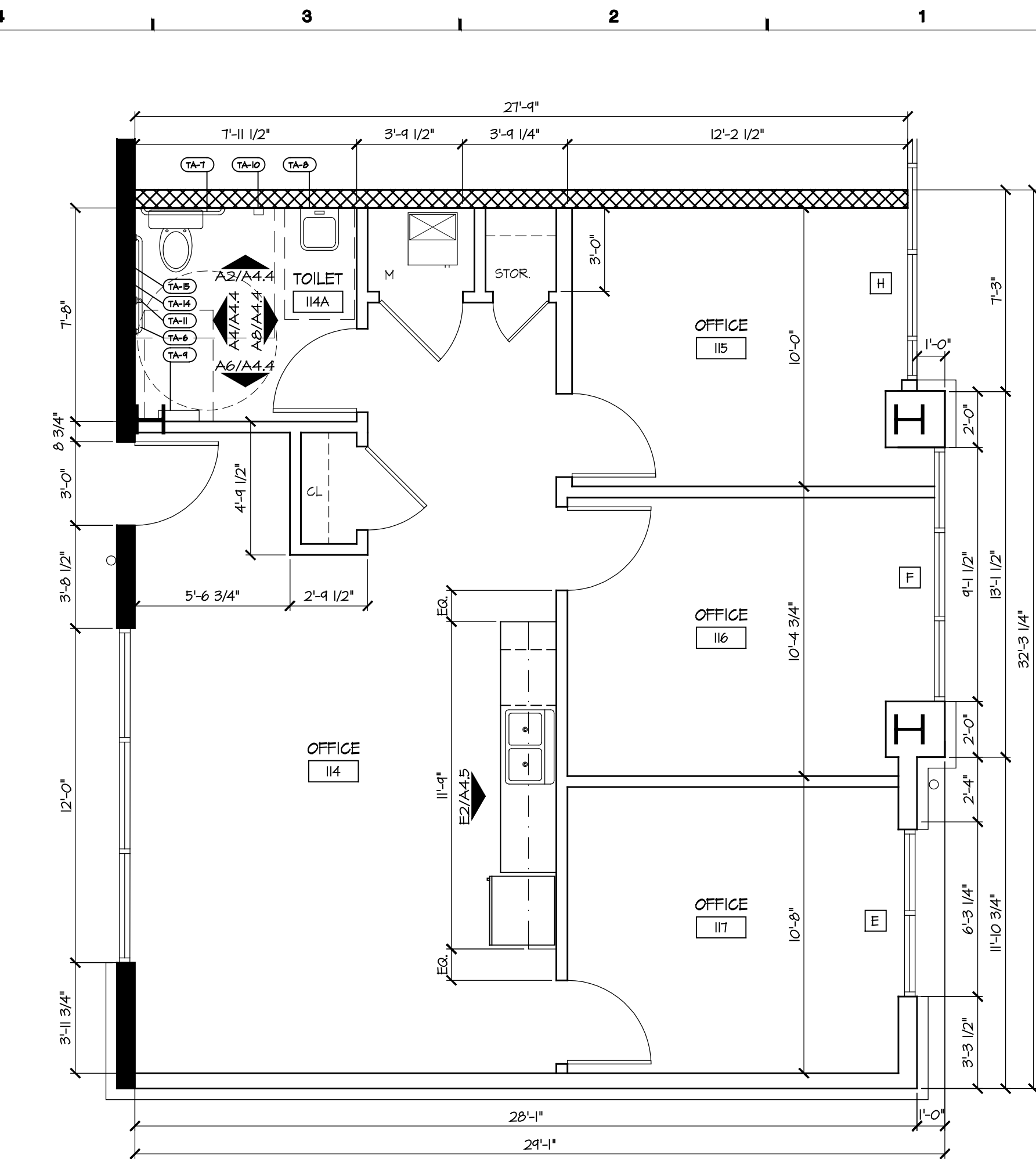
A10 ENLARGED ACCESSIBLE 2 BED
SCALE: 1/4" = 1'-0"



E6 PARTIAL ENLARGED COMMUNITY RM
SCALE: 1/4" = 1'-0"



A6 ENLARGED UNIT PLAN (2 BED MOD.)
SCALE: 1/4" = 1'-0"



E4 ENLARGED OFFICE SUITE PLAN
SCALE: 1/4" = 1'-0"

KEY NOTES

- MIRROR, FULL LENGTH OF VANITY, UNLESS NOTED OTHERWISE, REFER TO SPEC. SECTION 08300.
- WOOD CABINETS, RE: GENERAL NOTES.
- INSTALL TUB/SHOWER AFTER FIRE RATED WALL, GYPSUM BOARD IS INSTALLED. INSTALL ONE ADDITIONAL LAYER OF GYPSUM BOARD, FLUSH W/ ADJACENT WALL (ADJUST STUD DEPTH AS NEEDED), ON FIRE RATED WALL TO COVER SHOWER NAILING FINIS. TYPICAL ALL SIMILAR LOCATIONS.
- TOILET (ADA COMPLIANT IF NOTED). RE: PLUMBING.
- PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL WOOD BLOCKING AT HEAD, FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR FUTURE GRAB BAR INSTALLATION, ECG ANSI A117-2004 COMPLIANT. RE: PLUMBING.
- PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL WOOD BLOCKING AT HEAD, FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR GRAB BAR INSTALLATION, ECG ANSI A117-2004 COMPLIANT. MANUFACTURER TO PROVIDE SHOWER W/ COMPLIANT GRAB BARS, SEAT, HAND-HELD SHOWER ASSEMBLY WITH SLIDE BAR, PRESSURE BALANCING MIXING VALVE, SOAP DISH AND CURTAIN ROD. RE: PLUMBING.
- BASE PER FISH SCHEDULE.
- GYPSUM BOARD WALL CONSTRUCTION, PAINT.
- CULTURED MARBLE COUNTERTOP W/ INTEGRAL SINK AND 4" BACKSPLASH & RETURN. COLOR SOLID WHITE.
- DOOR PER SCHEDULE.
- INSTALL FLOOR FINISH & BASE UNDER REMOVABLE BASE CABINET, PAINT WALLS & INSULATE ALL EXPOSED PIPING.
- 2X WOOD BLOCKING, TYPICAL, INDICATED BY HATCHED AREA FOR SCHEDULED & FUTURE INSTALLATION OF GRAB BARS PER CG/ANSI A117-2004. TYPICAL.
- FILLER PIECE, MATCH CABINET STYLE.
- ADA MOUNTED SINK. RE: PLUMBING.
- INSULATE ALL EXPOSED PIPING.
- ADA WATER FOUNTAIN. RE: PLUMBING.
- KOP SINK WITH STAINLESS STEEL SPLASH GUARDS, RE: PLUMBING.
- DISHWASHER END PANEL, MATCH CABINET STYLE.
- BATH/SHOWER VALVE CONTROL AREA, TYPICAL.
- 1/2" THICK PLASTIC LAMINATE COUNTERTOP WITH 4" BACKSPLASH & RETURN WHERE SHOWN. RE: SPEC. SECTION 12625.5.
- CABINET END PANEL.
- IN ACCESSIBLE KITCHENS, TOP OF ELEC. BOXES (SWITCHES TO CONTROL GARBAGE DISPOSAL, RANGE HOOD LIGHT, RANGE HOOD FAN, ETC.) & OUTLETS AT 3'-0" AFF. RE: ELEC. PLANS.
- ELEC. DEVICE. RE: ELEC. PLANS FOR DEVICE TYPE.
- 2X 1" X 1" WOOD TRIM BELOW COUNTERTOP AT WALL JOINT, PAINT.
- INSTALL 2 1/2" RUBBER BASE ON ALL BATH FRONTS.
27. ADA SHOWER CONTROL & HAND SHOWER, HAND SHOWER TO HAVE MIN 5' HOSE & ADJUSTABLE HEIGHT SHOWER HEAD MOUNTED ON A 50" VERTICAL BAR. RE: PLUMBING PLANS.
- REMOVABLE BASE END SUPPORT TO BE ANGLED.
- SUPPORT TO COMPLY WITH SPACE REQUIREMENTS OF DETAIL E2/A4.4, FULL END SUPPORT PANEL NOT ALLOWED.
- UNIVERSAL DESIGN FEATURE, CUSTOM FULL OUT WORK SURFACE KIT BY CABINET MANUFACTURER.

GENERAL NOTES

- IN ALL UNIT BATHS, CONTRACTOR SHALL PROVIDE & INSTALL 1 HAND TOWEL RING (6" DIA), 1 ROSE HOOK, 1 TOILET PAPER DISPENSER, SHOWER ROD, & 2 TOWEL BARS (24"). REFER TO SPEC. SECTION 102200.
- CABINETRY SHALL BE BY ARMSTRONG, TIARA STYLE (RAISED PANEL MAPLE), MOCHA FINISH. FULLS BY AMERCO CORP. FULL STYLE EPS2885G. COORDINATE CABINETRY INSTALLATION AS REQUIRED PRIOR TO FABRICATION. CONSTRUCT WALLS W/ ROUGH OPENINGS AS NEEDED FOR SIZES OF CABINETRY INDICATED. INSTALL MATCHING WOOD SCRIBE AT ALL CABINET / WALL JOINTS. INSTALL MATCHING WOOD QUARTER ROUND BASE SHOE AT ALL TOILETS & END PANEL / FINISH FLOOR JOINTS. TORQUE TO MATCH CABINETRY FINISH. REFER TO SPEC. SECTION 12650.
- COORDINATE CABINETRY WITH APPLIANCES FOR PROPER CLEARANCES, OPERATION ETC.. RE: SPEC. SECTION 18300 FOR APPLIANCE INFORMATION.
- PRIOR TO FABRICATION OF CASEWORK, CONTRACTOR SHALL FIELD VERIFY ACTUAL FINISHED WALL DIMENSIONS.
- PROVIDE FINISHED SURFACES ON CABINETS & COUNTERTOPS WHERE EXPOSED TO VIEW.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS & CEILINGS IN BATHS.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS A MIN. OF 12" BEYOND EXTENTS OF CABINETRY IN KITCHENS.
- UTILIZE 2X WOOD BLOCKING AS REQUIRED FOR INSTALLATION OF CABINETRY, ACCESSORIES, ETC.
- ARCHITECT TO SELECT ALL COLORS, FINISHES, ETC.
- CAULK ALL COUNTERTOP & BACKSPLASH / G.B. WALL JOINTS. SET SINKS IN A BED OF CAULK. CAULK TO BE CLEAR.

TOILET ACCESSORIES

LEGEND

NOTE: CONTRACTOR SHALL INSTALL ALL REQUIRED 2X WOOD BLOCKING FOR A PROPER INSTALLATION OF TOILET ACCESSORIES. REFER TO E2/A4.3 FOR MOUNTING HEIGHTS. REFER TO SPEC. SECTION 102800 FOR ADDITIONAL INFORMATION.

- | | |
|-------|---|
| TA-1 | TOILET TISSUE DISPENSER |
| TA-2 | CURVED SHOWER CURTAIN ROD |
| TA-3 | 24" TOWEL BAR |
| TA-4 | HAND TOWEL RING |
| TA-5 | ROSE HOOK |
| TA-6 | 42" GRAB BAR |
| TA-7 | 36" GRAB BAR |
| TA-8 | TILT MIRROR - SURFACE MOUNT BOBRICK |
| TA-9 | COMBINATION TRASH AND PAPER TOWEL DISPENSER |
| TA-10 | SOAP DISPENSER |
| TA-11 | 18" VERTICAL GRAB BAR |
| TA-12 | MOP AND BROOM HOLDER |
| TA-13 | 24" GRAB BAR |
| TA-14 | TOILET TISSUE DISPENSER |
| TA-15 | SANITARY NAPKIN DISPOSAL |
| TA-16 | 2X WOOD BLOCKING, REFER TO ELEVATIONS FOR LOCATIONS |

APARTMENT UNIT TOILET ACCESSORIES BY MOEN, VALVE STYLE, BRUSHED NICKEL FINISH.

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ARCHITECTS
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ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

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MO. LICENSE NO. A-6972



ENLARGED PLANS

ISSUE DATE:

02.04.2019

REVISIONS:

PROJECT NO.: 1817

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KEY NOTES

- MIRROR, FULL LENGTH OF VANITY, UNLESS NOTED OTHERWISE. REFER TO SPEC. SECTION 063000.
- WOOD CABINETS. RE. GENERAL NOTES.
- INSTALL TUB/SHOWER AFTER FIRE RATED WALL GYPSUM BOARD IS INSTALLED. INSTALL ONE ADDITIONAL LAYER OF GYPSUM BOARD FLUSH W/ ADJACENT WALL (ADJUST STUD DEPTH AS NEEDED), ON FIRE RATED WALL TO COVER SHOWER NAILING FINIS. TYPICAL ALL SIMILAR LOCATIONS.
- TOILET (ADA COMPLIANT IF NOTED). RE. PLUMBING.
- 1 PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL HOOD BLOCKING AT HEAD FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR FUTURE GRAB BAR INSTALLATION. ICC ANSI A117-2004 COMPLIANT. RE. PLUMBING.
- 1 PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL HOOD BLOCKING AT HEAD FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR GRAB BAR INSTALLATION. ICC ANSI A117-2004 COMPLIANT. MANUFACTURER TO PROVIDE SHOWER W/ COMPLIANT GRAB BARS, SEAT, HAND-HELD SHOWER ASSEMBLY WITH SLIDE BAR, PRESSURE BALANCING MIXING VALVE, SOAP DISH AND CURTAIN ROD. RE. PLUMBING.
- BASE PER FINISH SCHEDULE.
- GYPSUM BOARD WALL CONSTRUCTION. PAINT.
- CULTURED MARBLE COUNTERTOP W/ INTEGRAL SINK AND 4" BACKSPLASH & RETURN. COLOR SOLID WHITE.
- DOOR PER SCHEDULE.
- INSTALL FLOOR FINISH & BASE UNDER REMOVABLE BASE CABINET. PAINT WALLS & INSULATE ALL EXPOSED PIPING.
- 2X WOOD BLOCKING COUNTER INDICATED BY HATCHED AREA. FOR SCHEDULED & FUTURE INSTALLATION OF GRAB BARS PER ICC/ANSI A117-2004. TYPICAL.
- FILLER PIECE. MATCH CABINET STYLE.
- ADA WALL MOUNTED SINK. RE. PLUMBING.
- INSULATE ALL EXPOSED PIPING.
- ADA WATER FOUNTAIN. RE. PLUMBING.
- MOP SINK WITH STAINLESS STEEL SPLASH GUARDS. RE. PLUMBING.
- DISHWASHER END PANEL. MATCH CABINET STYLE.
- BATHING / SHOWER VALVE CONTROL. AREA TYPICAL.
- 1 1/2" THICK PLASTIC LAMINATE COUNTERTOP WITH 4" BACKSPLASH & RETURN WHERE SHOWN. RE. SPEC. SECTION 02620.5.
- CABINET END PANEL.
- IN ACCESSIBLE KITCHENS, TOP OF ELEC. BOXES (SWITCHES TO CONTROL GARAGE DISPOSAL, RANGE HOOD LIGHT, RANGE HOOD FAN, ETC.) & OUTLETS AT 5'-0" AFF. RE. ELEC. PLANS.
- ELEC. DEVICE. RE. ELEC. PLANS FOR DEVICE TYPE.
- 1/2" X 1" WOOD TRIM BELOW COUNTERTOP AT WALL JOINT. PAINT.
- 1/2" X 2" WOOD TRIM UNDER COUNTER. PAINT.
- INSTALL 2 1/2" RUBBER BASE ON ALL BATH FRONTS. COLOR WHITE.
- ADA SHOWER CONTROL & HAND SHOWER. HAND SHOWER TO HAVE MIN 54" HOSE & ADJUSTABLE HEIGHT SHOWER HEAD MOUNTED ON A 30" VERTICAL BAR. RE. PLUMBING PLANS.
- REMOVABLE BASE END SUPPORT TO BE ANGLED SUPPORT TO COMPLY WITH SPACE REQUIREMENTS OF DETAIL E2/A4.4. FULL END SUPPORT PANEL NOT ALLOWED.
- UNIVERSAL DESIGN FEATURE. CUSTOM PULL OUT WORK SURFACE KIT BY CABINET MANUFACTURER.

GENERAL NOTES

- IN ALL UNIT BATHS, CONTRACTOR SHALL PROVIDE & INSTALL: 1 HAND TOWEL RING (6" DIA), 1 ROBE HOOK, 1 TOILET PAPER DISPENSER, SHOWER ROD, & 2 TOWEL BARS (24"). REFER TO SPEC. SECTION 02200.
- CABINETRY SHALL BE BY ARMSTRONG, TIARA STYLE (RAISED PANEL MAPLE) MOCHA FINISH. PULLS BY AVEROCK CORP. PULL STYLE BPS24H5G10. COORDINATE CABINETRY INSTALLATION AS REQUIRED PRIOR TO FABRICATION. CONSTRUCT WALLS W/ ROUGH OPENINGS AS NEEDED FOR SIZES OF CABINETRY INDICATED. INSTALL MATCHING WOOD SCORE AT ALL CABINET / WALL JOINTS. INSTALL MATCHING WOOD QUARTER ROUND BASE SHOE AT ALL TOILETS & END PANEL. FINISH FLOOR JOINTS. TOE/KICK TO MATCH CABINETRY FINISH. REFER TO SPEC. SECTION 02200.
- COORDINATE CABINETRY WITH APPLIANCES FOR PROPER CLEARANCES, OPERATION, ETC. RE. SPEC SECTION 01500 FOR APPLIANCE INFORMATION.
- PRIOR TO FABRICATION OF CASEWORK, CONTRACTOR SHALL FIELD VERIFY ACTUAL FINISHED WALL DIMENSIONS.
- PROVIDE FINISHED SURFACES ON CABINETS & COUNTERTOPS WHERE EXPOSED TO VIEW.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS & CEILINGS IN BATHS.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS & CEILINGS IN BATHS.
- UTILIZE 2X WOOD BLOCKING AS REQUIRED FOR INSTALLATION OF CABINETRY, ACCESSORIES, ETC.
- ARCHITECT TO SELECT ALL COLORS, FINISHES, ETC.
- CAULK ALL COUNTERTOP & BACKSPLASH / S.B. WALL JOINTS. SET SINKS IN A BED OF CAULK. CAULK TO BE CLEAR.

TOILET ACCESSORIES

LEGEND

NOTE: CONTRACTOR SHALL INSTALL ALL REQUIRED 2X WOOD BLOCKING FOR A PROPER INSTALLATION OF TOILET ACCESSORIES. REFER TO 62/A4.3 FOR MOUNTING HEIGHTS. REFER TO SPEC. SECTION 02200 FOR ADDITIONAL INFORMATION.

- | | |
|-------|---|
| TA-1 | TOILET TISSUE DISPENSER |
| TA-2 | CURVED SHOWER CURTAIN ROD |
| TA-3 | 24" TOWEL BAR |
| TA-4 | HAND TOWEL RING |
| TA-5 | ROBE HOOK |
| TA-6 | 42" GRAB BAR |
| TA-7 | 36" GRAB BAR |
| TA-8 | TILT MIRROR - SURFACE MOUNT BOBRICK |
| TA-9 | COMBINATION TRASH AND PAPER TOWEL DISPENSER |
| TA-10 | SOAP DISPENSER |
| TA-11 | 18" VERTICAL GRAB BAR |
| TA-12 | MOP AND BROOM HOLDER |
| TA-13 | 24" GRAB BAR |
| TA-14 | TOILET TISSUE DISPENSER |
| TA-15 | SANITARY NAPKIN DISPOSAL |
| TA-16 | SURFACE MOUNT BOBRICK B-2088 |
| TA-17 | SURFACE MOUNT BOBRICK B-2170 |
| TA-18 | 2X WOOD BLOCKING, REFER TO ELEVATIONS FOR LOCATIONS |

APARTMENT UNIT TOILET ACCESSORIES BY MOEN, VALE' STYLE, BRUSHED NICKEL FINISH.

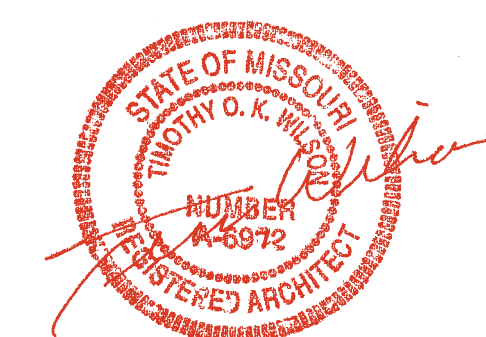


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ARCHITECT - TIMOTHY O.K. WILSON
MO. LICENSE NO. A-6972



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ISSUE DATE:

02.04.2019

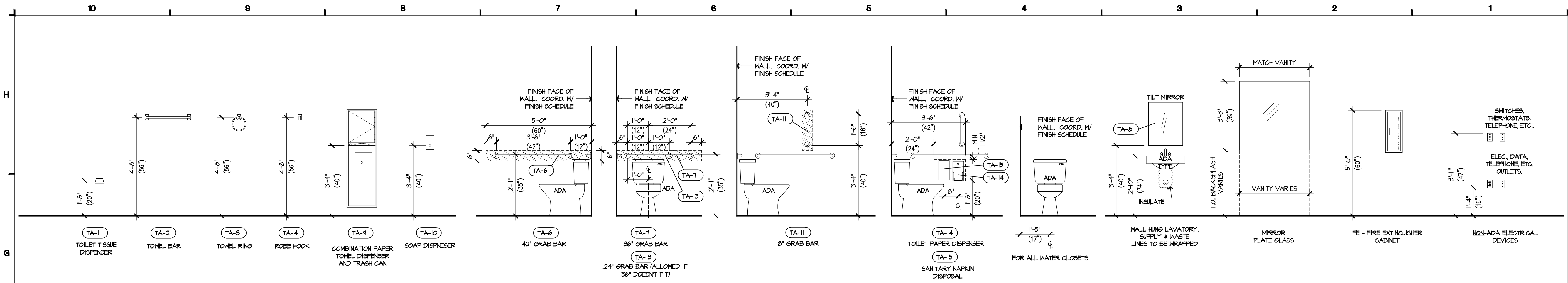
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PROJECT NO.: 1817

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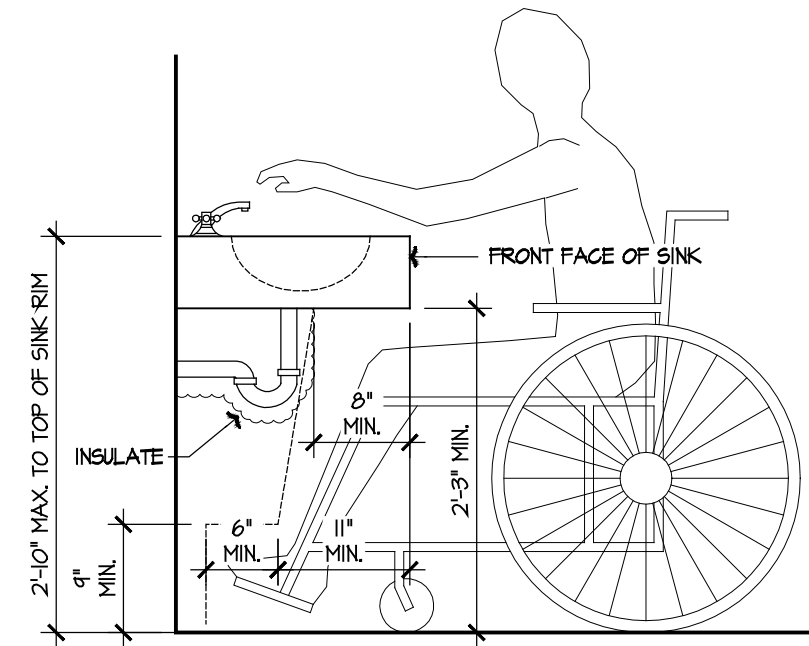
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G6 TYPICAL MOUNTING HGT. LEGEND

SCALE: 3/8" = 1'-0"



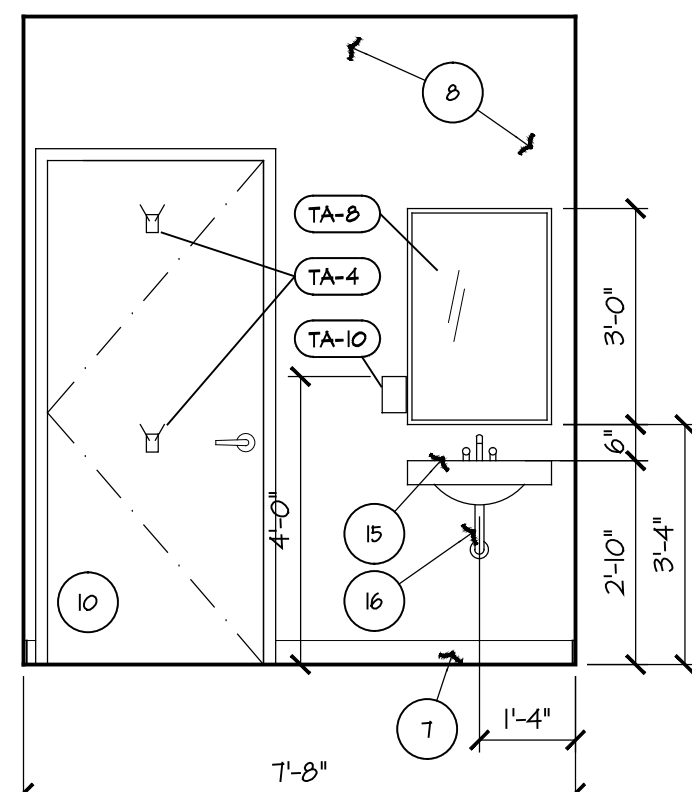
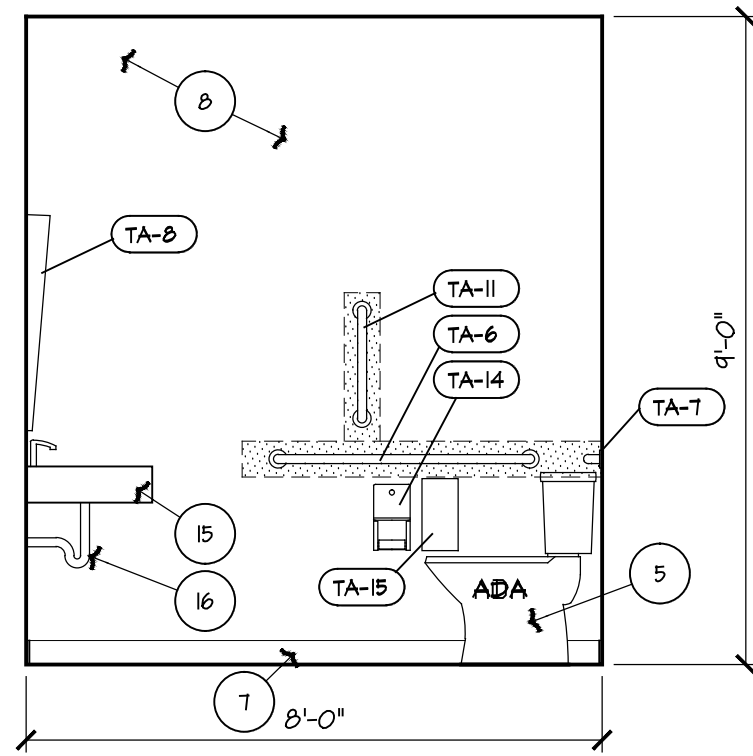
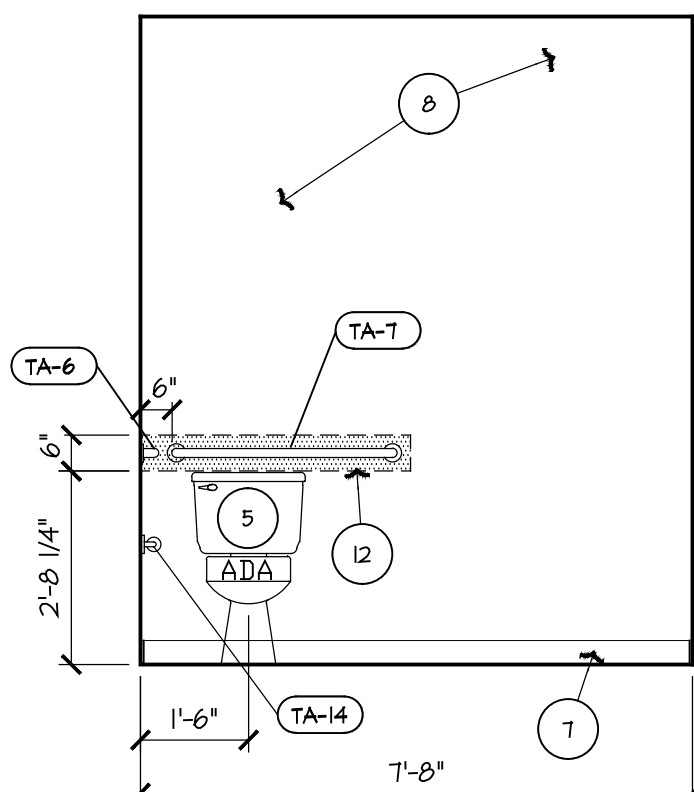
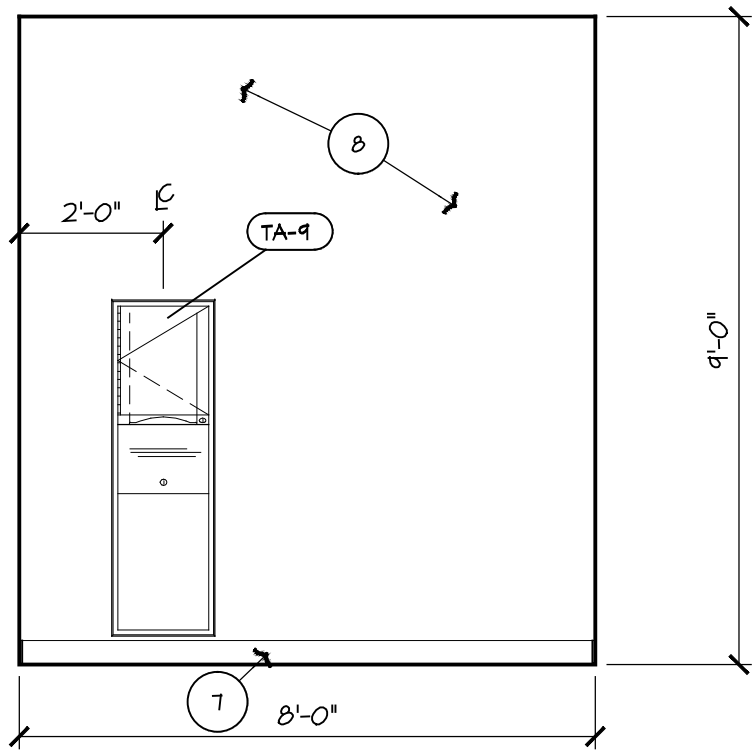
E10 NOT USED
SCALE: 3/8" = 1'-0"

E8 NOT USED
SCALE: 3/8" = 1'-0"

E6 NOT USED
SCALE: 3/8" = 1'-0"

E4 NOT USED
SCALE: 3/8" = 1'-0"

E2 COMPLIANT CLEARANCES
SCALE: NO SCALE



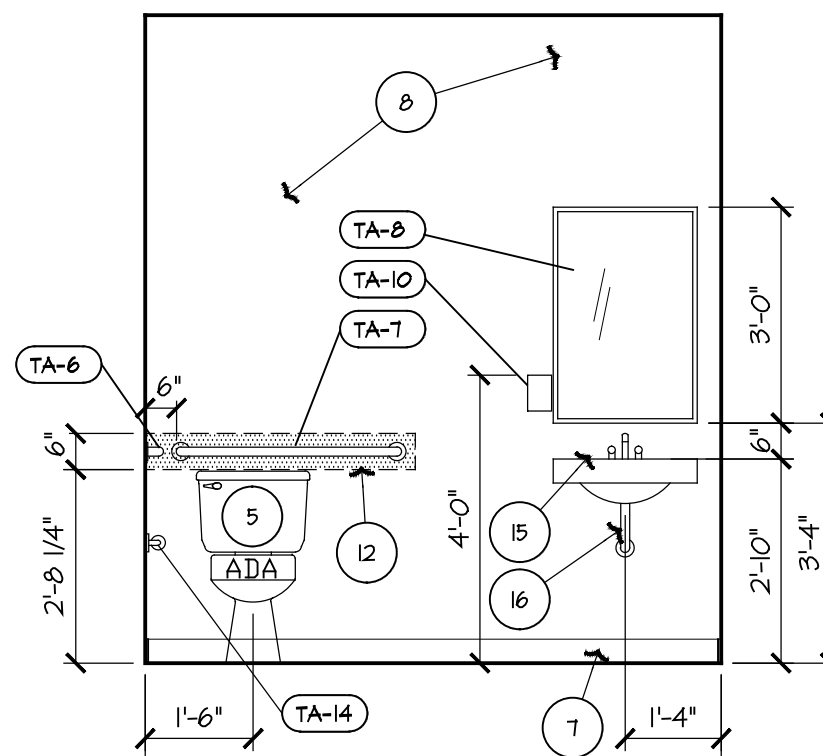
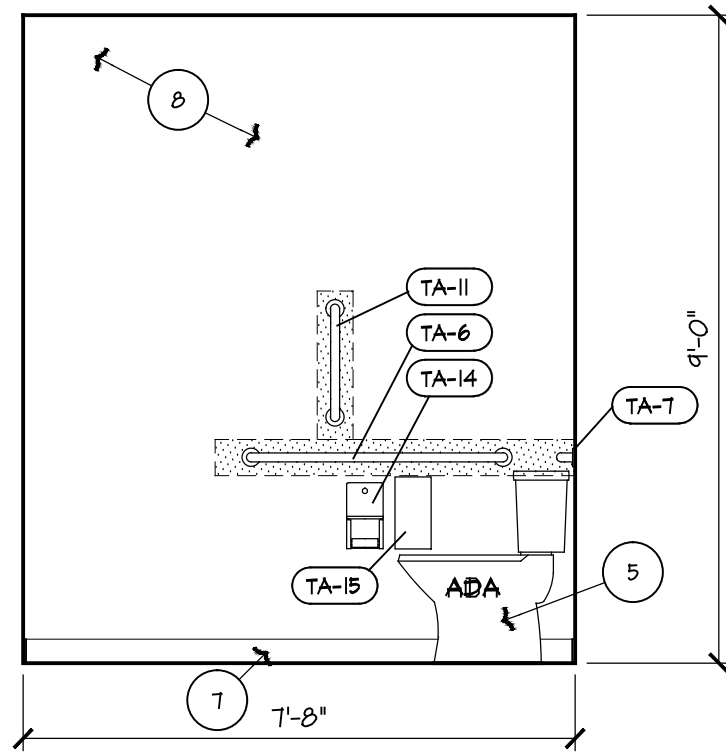
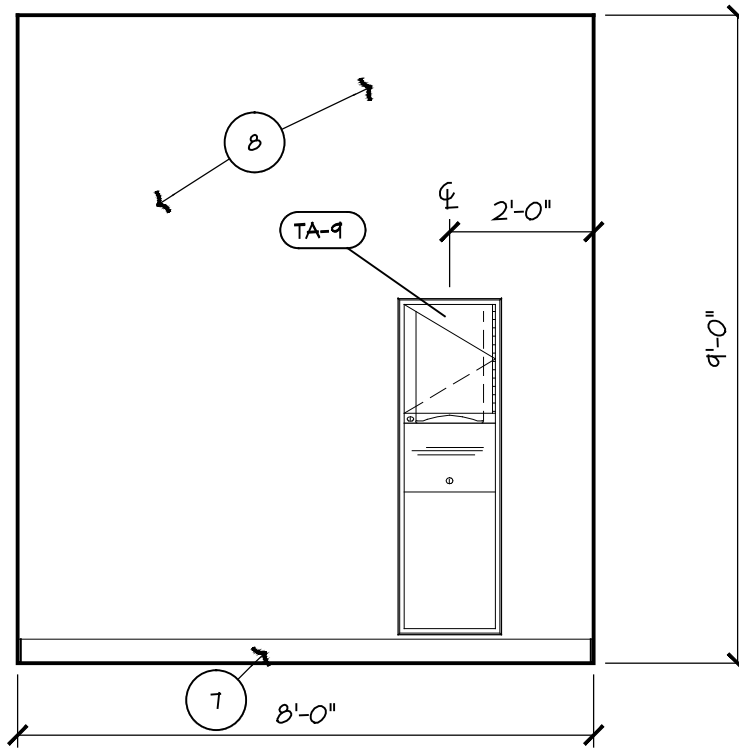
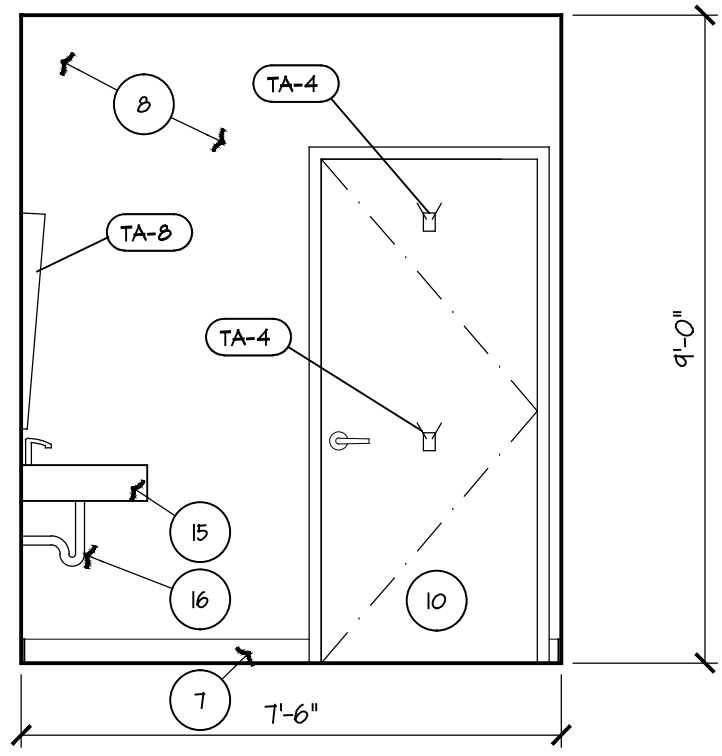
C10 NOT USED
SCALE: 3/8" = 1'-0"

C8 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"

C6 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"

C4 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"

C2 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"



A10 NOT USED
SCALE: 3/8" = 1'-0"

A8 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"

A6 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"

A4 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"

A2 ELEVATION @ RESTROOM
SCALE: 3/8" = 1'-0"

KEY NOTES

- MIRROR, FULL LENGTH OF VANITY, UNLESS NOTED OTHERWISE, REFER TO SPEC. SECTION 083000.
- WOOD CABINETS, RE: GENERAL NOTES.
- INSTALL TUB/SHOWER AFTER FIRE RATED WALL. GYPSUM BOARD IS INSTALLED. INSTALL ONE ADDITIONAL LAYER OF GYPSUM BOARD, FLUSH W/ ADJACENT WALL (ADJUST STUD DEPTH AS NEEDED), ON FIRE RATED WALL TO COVER SHOWER NAILING FINS. TYPICAL ALL SIMILAR LOCATIONS.
- TOILET (ADA COMPLIANT IF NOTED). RE: PLUMBING.
- PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL WOOD BLOCKING AT HEAD, FOOT & SIDE OF TUB ENCLOSE BY MANUFACTURER FOR FUTURE GRAB BAR INSTALLATION. ECG ANSI A117-2004 COMPLIANT. RE: PLUMBING.
- PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL WOOD BLOCKING AT HEAD, FOOT & SIDE OF TUB ENCLOSE BY MANUFACTURER FOR GRAB BAR INSTALLATION. ECG ANSI A117-2004 COMPLIANT. MANUFACTURER TO PROVIDE SHOWER W/ COMPLIANT GRAB BARS, SEAT, HAND-HELD SHOWER ASSEMBLY WITH SLIDE BAR, PRESSURE BALANCING MIXING VALVE, SOAP DISH AND CURTAIN ROD. RE: PLUMBING.
- BASE PER FINISH SCHEDULE.
- GYPSUM BOARD WALL CONSTRUCTION, PAINT.
- CULTURED MARBLE COUNTERTOP W/ INTEGRAL SINK AND 4" BACKSPLASH & RETURN. COLOR SOLID WHITE.
- DOOR PER SCHEDULE.
- INSTALL FLOOR FINISH & BASE UNDER REMOVABLE BASE CABINET, PAINT WALLS & INSULATE ALL EXPOSED PIPING.
- 2X WOOD BLOCKING (CONTIGUOUS, INDICATED BY HATCHED AREA, FOR SCHEDULED & FUTURE INSTALLATION OF GRAB BARS PER ICC/ANSI A117-2004. TYPICAL.
- FILLER PIECE, MATCH CABINET STYLE.
- ADA WALL MOUNTED SINK. RE: PLUMBING.
- INSULATE ALL EXPOSED PIPING.
- ADA WATER FOUNTAIN. RE: PLUMBING.
- TOP SINK WITH STAINLESS STEEL SPLASH GUARDS. RE: PLUMBING.
- DISHWASHER END PANEL, MATCH CABINET STYLE.
- BATHTUB / SHOWER VALVE CONTROL AREA, TYPICAL.
- 2X 1/2" THICK PLASTIC LAMINATE COUNTERTOP WITH 4" BACKSPLASH & RETURN WHERE SHOWN. RE: SPEC. SECTION 123625.5.
- CABINET END PANEL.
- IN ACCESSIBLE KITCHENS, TOP OF ELEC. BOXES (SWITCHES TO CONTROL GARBAGE DISPOSAL, RANGE HOOD LIGHT, RANGE HOOD FAN, ETC.) & OUTLETS AT 3'-0" AFF. RE: ELEC. PLANS.
- ELEC. DEVICE. RE: ELEC. PLANS FOR DEVICE TYPE.
- 1/2" X 1" WOOD TRIM BELOW COUNTERTOP AT WALL JOINT, PAINT.
25. 1/2" X 2" WOOD TRIM UNDER COUNTER. PAINT. COLOR WHITE.
26. INSTALL 2 1/2" RUBBER BASE ON ALL BATH FRONTS.
27. ADA SHOWER CONTROL & HAND SHOWER, HAND SHOWER TO HAVE MIN 3/4" HOSE & ADJUSTABLE HEIGHT SHOWER HEAD MOUNTED ON A 50" VERTICAL BAR. RE: PLUMBING PLANS.
28. REMOVABLE BASE END SUPPORT TO BE ANGLED. SUPPORT TO COMPLY WITH SPACE REQUIREMENTS OF DETAIL E2/A4.4. FULL END SUPPORT PANEL NOT ALLOWED.
29. UNIVERSAL DESIGN FEATURE. CUSTOM ROLL OUT WORK SURFACE KIT BY CABINET MANUFACTURER.

GENERAL NOTES

- IN ALL UNIT BATHS, CONTRACTOR SHALL PROVIDE & INSTALL 1 HAND TOWEL RING (6" DIA), 1 ROBE HOOK, 1 TOILET PAPER DISPENSER, SHOWER ROD, & 2 TOWEL BARS (24"). REFER TO SPEC. SECTION 102200.
- CABINETRY SHALL BE BY ARMSTRONG, TIARA STYLE (RAISED PANEL MAPLE), MOCHA FINISH. FULLS BY AMEROCK CORP. FULL STYLE BPS24RHS10. COORDINATE CABINETRY INSTALLATION AS REQUIRED PRIOR TO FABRICATION. CONSTRUCT WALLS W/ ROUGH OPENINGS AS NEEDED FOR SIZES OF CABINETRY INDICATED. INSTALL MATCHING WOOD SCRIBE AT ALL CABINET / WALL JOINTS. INSTALL MATCHING WOOD QUARTER ROUND BASE SHOE AT ALL TOILETS & END PANEL / FINISH FLOOR JOINTS. TOBISCU TO MATCH CABINETRY FINISH. REFER TO SPEC. SECTION 123550.
- COORDINATE CABINETRY WITH APPLIANCES FOR PROPER CLEARANCES, OPERATION, ETC. RE: SPEC. SECTION 18100 FOR APPLIANCE INFORMATION.
- PRIOR TO FABRICATION OF CASEWORK, CONTRACTOR SHALL FIELD VERIFY ACTUAL FINISHED WALL DIMENSIONS.
- PROVIDE FINISHED SURFACES ON CABINETS & COUNTERTOPS WHERE EXPOSED TO VIEW.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS & CEILINGS IN BATHS.
- INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS & CEILINGS IN BATHS.
- UTILIZE 2X WOOD BLOCKING AS REQUIRED FOR INSTALLATION OF CABINETRY, ACCESSORIES, ETC.
- ARCHITECT TO SELECT ALL COLORS, FINISHES, ETC.
- CAULK ALL COUNTERTOP & BACKSPLASH / G.B. WALL JOINTS. SET SINKS IN A BED OF CAULK. CAULK TO BE CLEAR.

TOILET ACCESSORIES

LEGEND

NOTE: CONTRACTOR SHALL INSTALL ALL REQUIRED 2X WOOD BLOCKING FOR A PROPER INSTALLATION OF TOILET ACCESSORIES. REFER TO E2/A4.3 FOR MOUNTING HEIGHTS. REFER TO SPEC. SECTION 102800 FOR ADDITIONAL INFORMATION.

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|-------|--|
| TA-1 | TOILET TISSUE DISPENSER |
| TA-2 | CURVED SHOWER CURTAIN ROD |
| TA-3 | 24" TOWEL BAR |
| TA-4 | HAND TOWEL RING |
| TA-5 | ROBE HOOK |
| TA-6 | 42" GRAB BAR |
| TA-7 | 36" GRAB BAR |
| TA-8 | TILT MIRROR - SURFACE MOUNT BOBRICK B-2888 |
| TA-9 | COMBINATION TRASH AND PAPER TOWEL DISPENSER |
| TA-10 | SOAP DISPENSER |
| TA-11 | 18" VERTICAL GRAB BAR |
| TA-12 | MOP AND BROOM HOLDER |
| TA-13 | 24" GRAB BAR |
| TA-14 | TOILET TISSUE DISPENSER SURFACE MOUNT BOBRICK B-2888 |
| TA-15 | SANITARY NAPKIN DISPOSAL SURFACE MOUNT BOBRICK B-210 |

2X WOOD BLOCKING, REFER TO ELEVATIONS FOR LOCATIONS
APARTMENT UNIT TOILET ACCESSORIES BY MOEN, VALVE STYLE, BRUSHED NICKEL FINISH.

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ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

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SEAL
ARCHITECT - TIMOTHY O.K. WILSON
MO. LICENSE NO. A-6972



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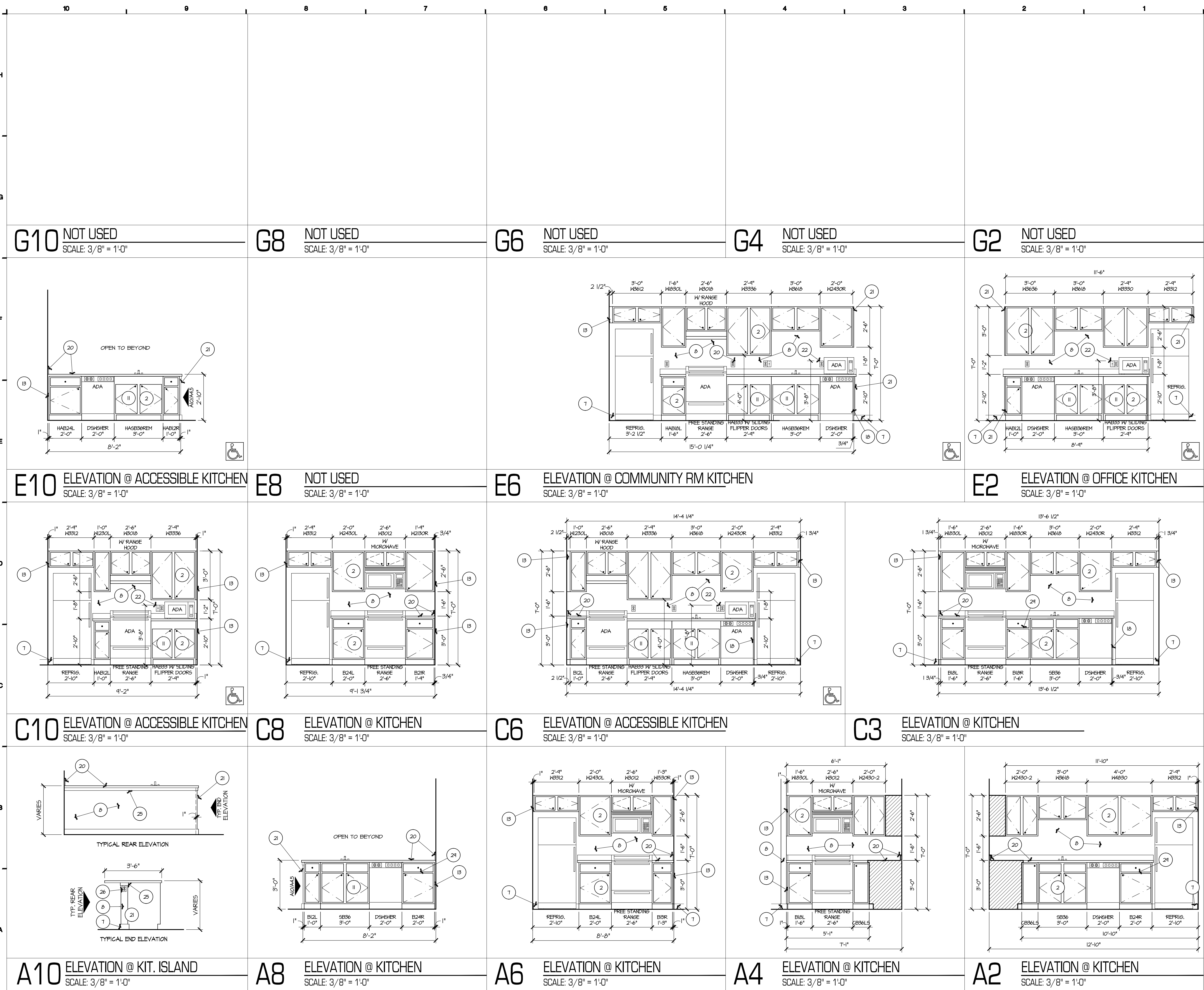
REVISIONS:

PROJECT NO.: 1817

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KEY NOTES

- 1. MIRROR, FULL LENGTH OF VANITY, UNLESS NOTED OTHERWISE. REFER TO SPEC. SECTION 060300.
- 2. MOOD CABINETS. RE: GENERAL NOTES.
- 3. INSTALL TUB/SHOWER AFTER FIRE RATED WALL GYPSUM BOARD IS INSTALLED. INSTALL ONE ADDITIONAL LAYER OF GYPSUM BOARD FLUSH W/ ADJACENT WALL (ADJUST STUD DEPTH AS NEEDED). ON FIRE RATED WALL TO COVER SHOWER NAILING FINS. TYPICAL ALL SIMILAR LOCATIONS.
- 4. TOILET (A.D.A. COMPLIANT IF NOTED). RE: PLUMBING.
- 5. 1 PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL WOOD BLOCKING AT HEAD FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR FUTURE GRAB BAR INSTALLATION. ICC ANSI A117-2004 COMPLIANT. RE: PLUMBING.
- 6. 1 PIECE FIBERGLASS TUB/SHOWER W/ INTEGRAL WOOD BLOCKING AT HEAD FOOT & SIDE OF TUB ENCLOSURE BY MANUFACTURER FOR GRAB BAR INSTALLATION. ICC ANSI A117-2004 COMPLIANT. MANUFACTURER TO PROVIDE SHOWER W/ COMPLIANT GRAB BARS, SEAT, HAND-HELD SHOWER ASSEMBLY WITH SLIDE BAR, PRESSURE BALANCING MIXING VALVE, SOAP DISH AND CURTAIN ROD. RE: PLUMBING.
- 7. BASE PER FINISH SCHEDULE.
- 8. GYPSUM BOARD WALL CONSTRUCTION. PAINT.
- 9. CULTURED MARBLE COUNTERTOP W/ INTEGRAL SINK AND 4" BACKSPLASH & RETURN. COLOR SOLID WHITE.
- 10. DOOR PER SCHEDULE.
- 11. INSTALL FLOOR FINISH & BASE UNDER REMOVABLE BASE CABINET. PAINT WALLS & INSULATE ALL EXPOSED PIPING.
- 12. 2X WOOD BLOCKING CONTIGUOUS, INDICATED BY HATCHED AREA, FOR SCHEDULED & FUTURE INSTALLATION OF GRAB BARS PER ICC/ANSI A117-2004. TYPICAL.
- 13. FILLER PIECE. MATCH CABINET STYLE.
- 14. ADA WALL MOUNTED SINK. RE: PLUMBING.
- 15. INSULATE ALL EXPOSED PIPING.
- 16. ADA WATER FOUNTAIN. RE: PLUMBING.
- 17. MOP SINK WITH STAINLESS STEEL SPLASH GUARDS. RE: PLUMBING.
- 18. DISHWASHER END PANEL. MATCH CABINET STYLE.
- 19. BATHTUB / SHOWER VALVE CONTROL. ARE: TYPICAL.
- 20. 1/2" THICK PLASTIC LAMINATE COUNTERTOP WITH 4" BACKSPLASH & RETURN WHERE SHOWN. RE: SPEC. SECTION 022625.5.
- 21. CABINET END PANEL.
- 22. IN ACCESSIBLE KITCHENS, TOP OF ELEC. BOXES (SWITCHES TO CONTROL GARAGE DISPOSAL, RANGE HOOD LIGHT, RANGE HOOD FAN, ETC.) & OUTLETS AT 5'-8" AFF. RE: ELEC. PLANS.
- 23. ELEC. DEVICE. RE: ELEC. PLANS FOR DEVICE TYPE.
- 24. 1/2" X 1" WOOD TRIM BELOW COUNTERTOP AT WALL JOINT. PAINT.
- 25. 1/2" X 2" WOOD TRIM UNDER COUNTER. PAINT.
- 26. INSTALL 2 1/2" RUBBER BASE ON ALL BATH FRONTS.
- 27. ADA SHOWER CONTROL & HAND SHOWER. HAND SHOWER TO HAVE MIN 5/4" HOSE & ADJUSTABLE HEIGHT SHOWER HEAD MOUNTED ON A 30" VERTICAL BAR. RE: PLUMBING PLANS.
- 28. REMOVABLE BASE END SUPPORT TO BE ANGLED SUPPORT TO COMPLY WITH SPACE REQUIREMENTS OF DETAIL E2/A4.4. FULL END SUPPORT PANEL NOT ALLOWED.
- 29. UNIVERSAL DESIGN FEATURE. CUSTOM PULL OUT WORK SURFACE KIT BY CABINET MANUFACTURER.

GENERAL NOTES

- A. IN ALL UNIT BATHS, CONTRACTOR SHALL PROVIDE & INSTALL 1 HAND TOWEL RING (6" DIA), 1 ROBE HOOK, 1 TOILET PAPER DISPENSER, SHOWER ROD, & 2 TOWEL BARS (24"). REFER TO SPEC. SECTION 022600.
- B. CABINETRY SHALL BE BY ARMSTRONG'S TIARA STYLE (RAISED PANEL MAPLE) MOCHA FINISH. RULLS BY AMEROCK CORP. FULL STYLE BPS24H5610. COORDINATE CABINETRY INSTALLATION AS REQUIRED PRIOR TO FABRICATION. CONSTRUCT WALLS W/ ROUGH OPENINGS AS NEEDED FOR SIZES OF CABINETRY INDICATED. INSTALL MATCHING WOOD SCROE AT ALL CABINET / WALL JOINTS. INSTALL MATCHING WOOD QUARTER ROUND BASE SHOE AT ALL TOWEL & END PANEL / FINISH FLOOR JOINTS. TOE/KICK TO MATCH CABINETRY FINISH. REFER TO SPEC. SECTION 022630.
- C. COORDINATE CABINETRY WITH APPLIANCES FOR PROPER CLEARANCES, OPERATION, ETC. RE: SPEC SECTION 015000 FOR APPLIANCE INFORMATION.
- D. PRIOR TO FABRICATION OF CASEWORK, CONTRACTOR SHALL FIELD VERIFY ACTUAL FINISHED WALL DIMENSIONS.
- E. PROVIDE FINISHED SURFACES ON CABINETS & COUNTERTOPS WHERE EXPOSED TO VIEW.
- F. INSTALL 5/8" FIRE RATED MOISTURE/MOLD RESISTANT GYP. BD. ON ALL WALLS A MIN. OF 12" BEYOND EXTENTS OF CABINETRY IN KITCHENS.
- G. UTILIZE 2X WOOD BLOCKING AS REQUIRED FOR INSTALLATION OF CABINETRY, ACCESSORIES, ETC.
- H. ARCHITECT TO SELECT ALL COLORS, FINISHES, ETC.
- I. CAULK ALL COUNTERTOP & BACKSPLASH / S.B. WALL JOINTS. SET SINKS IN A BED OF CAULK. CAULK TO BE CLEAR.

TOILET ACCESSORIES

LEGEND

NOTE: CONTRACTOR SHALL INSTALL ALL REQUIRED 2X WOOD BLOCKING FOR A PROPER INSTALLATION OF TOILET ACCESSORIES. REFER TO 62/A4.3 FOR MOUNTING HEIGHTS. REFER TO SPEC. SECTION 022600 FOR ADDITIONAL INFORMATION.

- TA-1 TOILET TISSUE DISPENSER
- TA-2 CURVED SHOWER CURTAIN ROD
- TA-3 24" TOWEL BAR
- TA-4 HAND TOWEL RING
- TA-5 ROBE HOOK
- TA-6 42" GRAB BAR
- TA-7 36" GRAB BAR
- TA-8 TILT MIRROR - SURFACE MOUNT BOBRICK
- TA-9 COMBINATION TRASH AND PAPER TOWEL DISPENSER
- TA-10 SOAP DISPENSER
- TA-11 18" VERTICAL GRAB BAR
- TA-12 MOP AND BROOM HOLDER
- TA-13 24" GRAB BAR
- TA-14 TOILET TISSUE DISPENSER
- TA-15 SURFACE MOUNT BOBRICK B-2888
- TA-16 SANITARY NAPKIN DISPOSAL
- TA-17 SURFACE MOUNT BOBRICK B-270
- 2X WOOD BLOCKING, REFER TO ELEVATIONS FOR LOCATIONS

APARTMENT UNIT TOILET ACCESSORIES BY MOEN, VALE' STYLE, BRUSHED NICKEL FINISH.



ARCHITECTURAL CORPORATION
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OF AUTHORITY NO. 000073

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315 NICHOLS RD. STE 228 • KANSAS CITY, MO 64112 • T 816.531.1698 F 816.531.1978

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MO. LICENSE NO. A-6972



INTERIOR
ELEVATIONS

ISSUE DATE:

02.04.2019

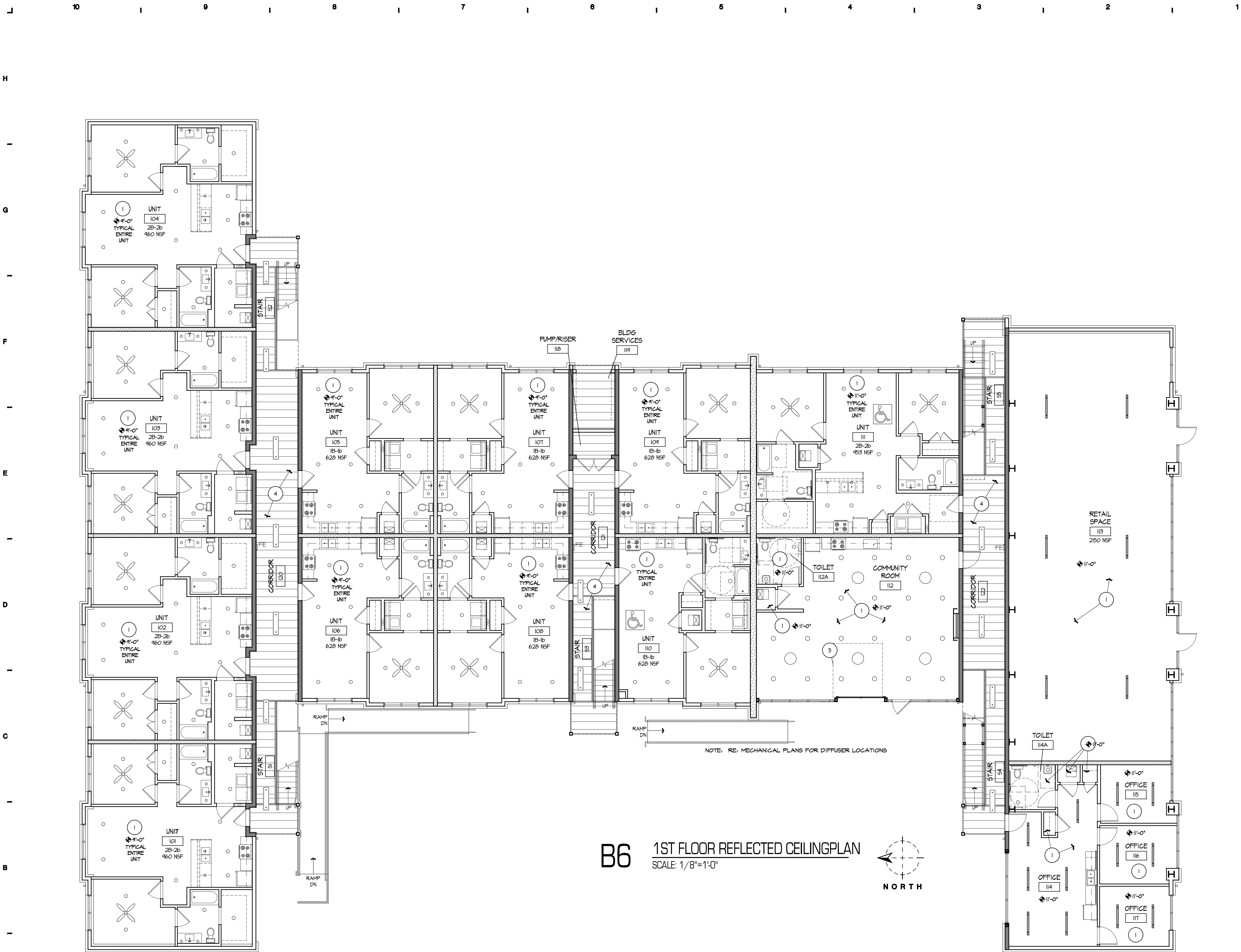
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KEY NOTES

1. 5/8" FIRE RATED GYPSUM BOARD ON HAT CHANNELS ON BOTTOM OF WOOD TRUSS FRAMING. 1 HOUR ASSEMBLY. REFER TO FIRE RATED ASSEMBLY DETAILS.
2. CEMENT BOARD SOFFIT. PAINT. 074646
3. GYP. BD. HEADER. PAINT.
4. OPEN DECK FRAMING. RE. STRUCTURAL
5. OVERHEAD DOOR AND TRACKS THIS AREA. PROVIDE WOOD BLOCKING AS NECESSARY FOR TRACK SUPPORT.

CEILING PLAN GENERAL NOTES

- A. ALL WORK TO MEET ALL APPLICABLE BUILDING, PLUMBING, MECHANICAL, ELECTRICAL, ADA/HANDICAP ACCESSIBILITY AND LIFE SAFETY CODES AND REQUIREMENTS.
- B. DO NOT SCALE DRAWINGS. FIELD VERIFY ALL EXISTING CONDITIONS, DIMENSIONS AND ELEVATIONS PRIOR TO ORDERING, FABRICATION, ETC..
- C. REFERENCE ARCHITECTURAL, STRUCTURAL, PLUMBING, MECHANICAL AND ELECTRICAL PLANS FOR ADDITIONAL INFORMATION.
- D. ALL FLOOR/CEILING, ROOF/CEILING AND WALL PENETRATIONS ARE TO BE PROPERLY FIRECAULKED, FIRESTOPPED, SMOKE/FIRE DAMPERED, ETC., AS REQUIRED TO MAINTAIN THE FIRE RESISTIVE RATING OF THE RESPECTIVE ASSEMBLIES, AS REQUIRED BY THE APPLICABLE BUILDING CODE.
- E. CAULK ALL JOINTS BETWEEN DISSIMILAR MATERIALS FOR WEATHERTIGHT, WATERTIGHT, AIRTIGHT, ETC. PERFORMANCE.
- F. ALL PLUMBING PIPING AND ELECTRICAL CONDUIT IS TO BE CONCEALED WITHIN NEW CONSTRUCTION UNLESS NOTED OTHERWISE. IF PIPING OR DUCTWORK IS SHOWN TO BE EXPOSED REMOVE ALL LABELS AND MARKINGS. RE: MEP DRAWINGS.
- G. ALL AIR CONDITIONING REFRIGERANT LINES SHALL BE ROUTED AND CONCEALED IN WALLS AND CEILINGS. TYPICAL.
- H. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE AND FIRE ALARM INFORMATION AND DEVICE LOCATIONS.
- I. REFER TO AV DRAWINGS FOR ADDITIONAL LOW VOLTAGE DEVICE LOCATIONS.

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1ST FLOOR
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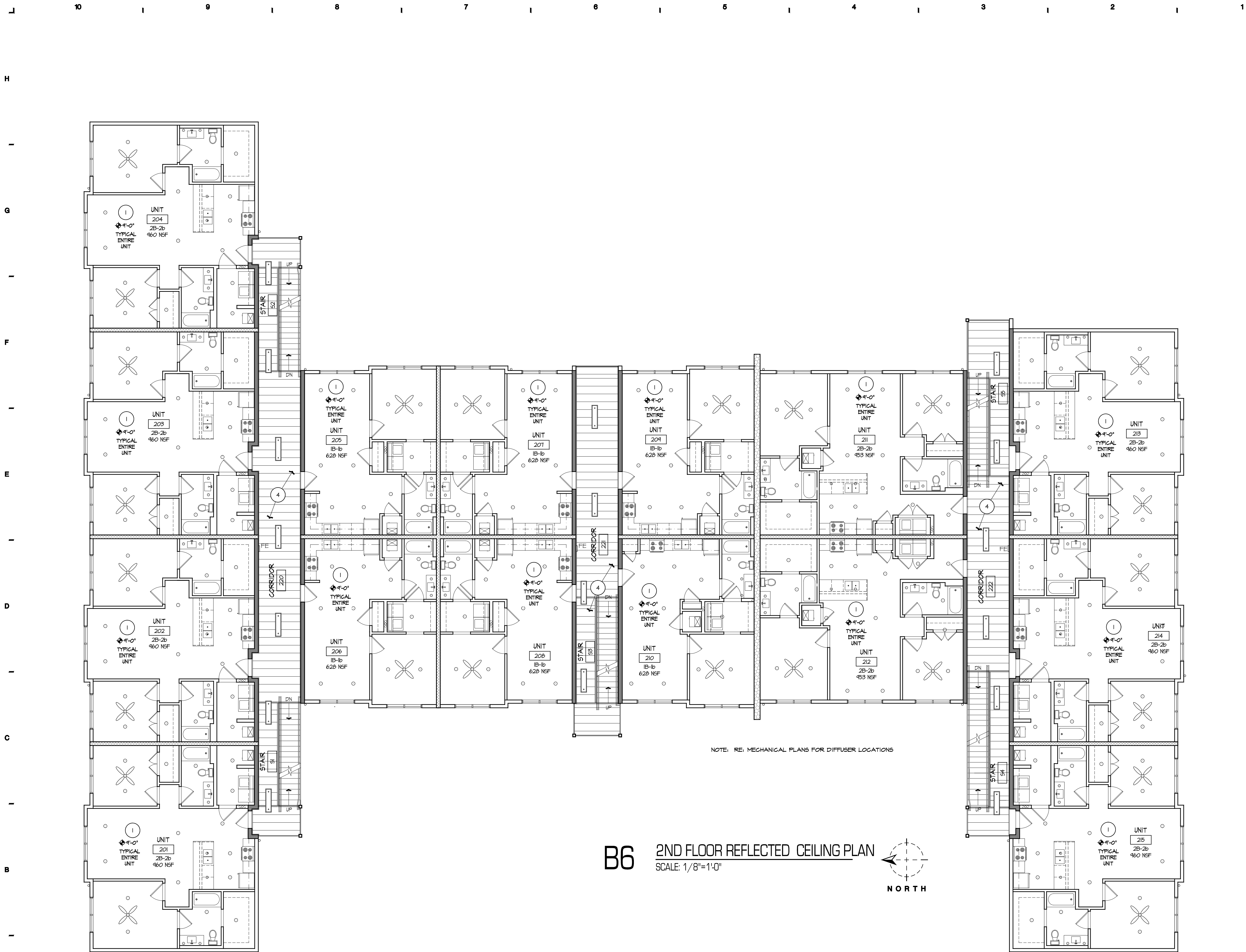
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KEY NOTES

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2ND FLOOR
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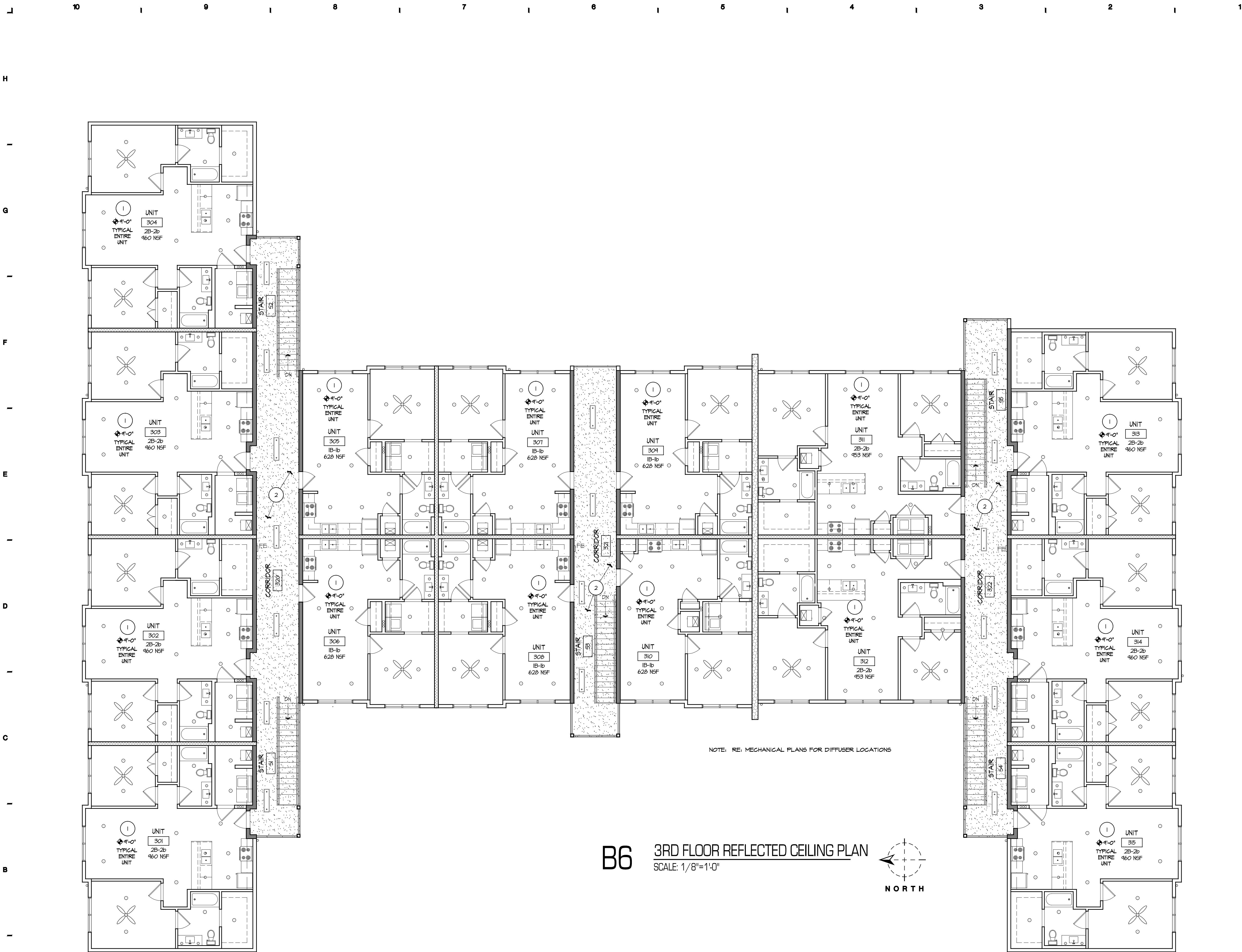
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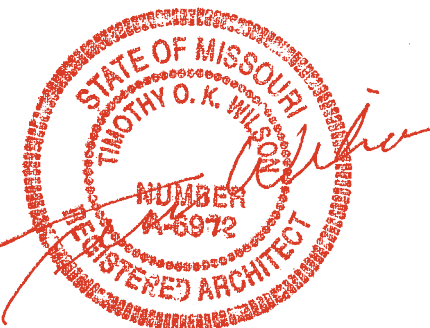
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3RD FLOOR
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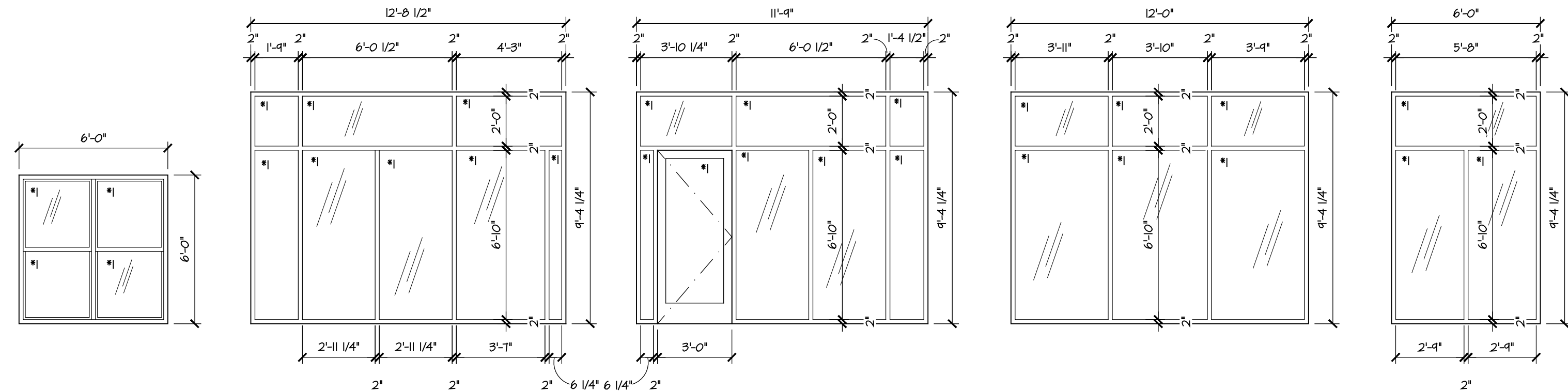
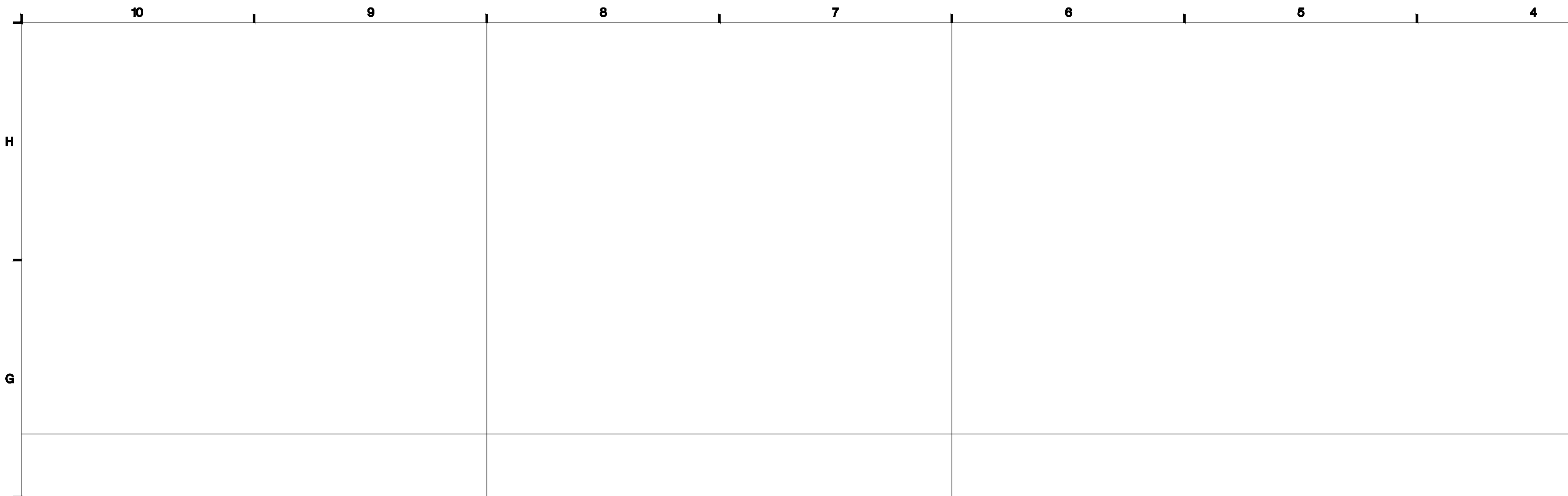
STARK WILSON DUNCAN ARCHITECTS INC
315 NICHOLS RD. STE 228 KANSAS CITY, MO 64112 - T 816.531.1698 F 816.531.1978

STATE OF MISSOURI
TIMOTHY O. K. WILLIAMS
NUMBER
K-6972
REGISTERED ARCHITECT

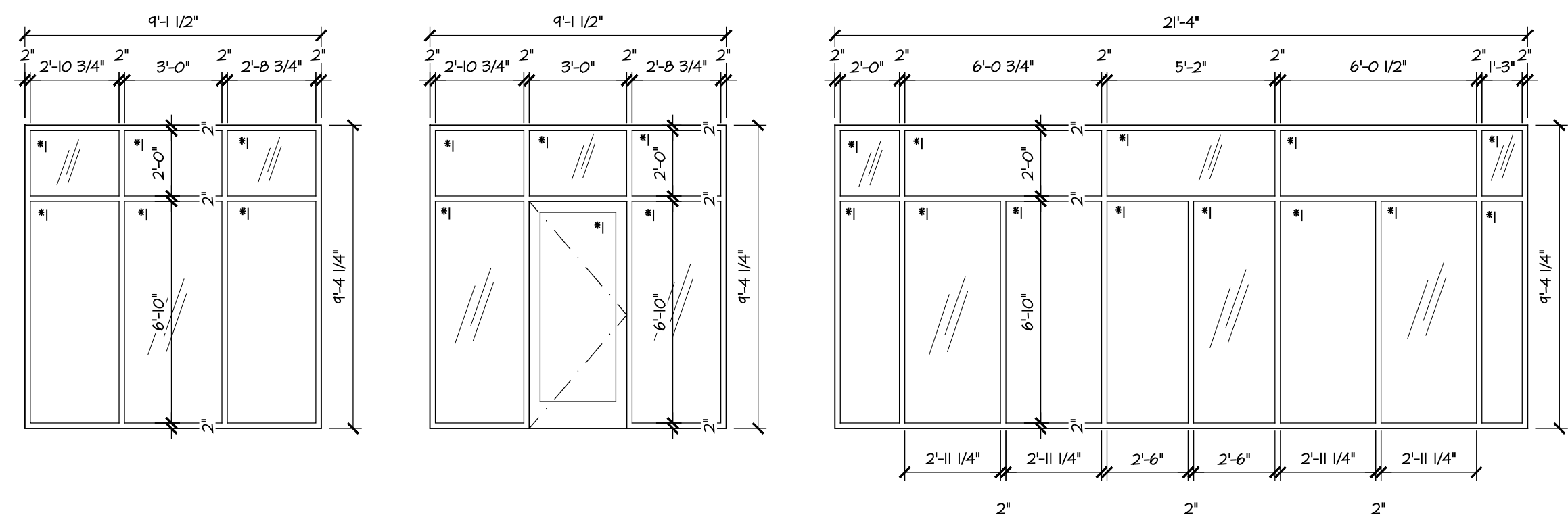
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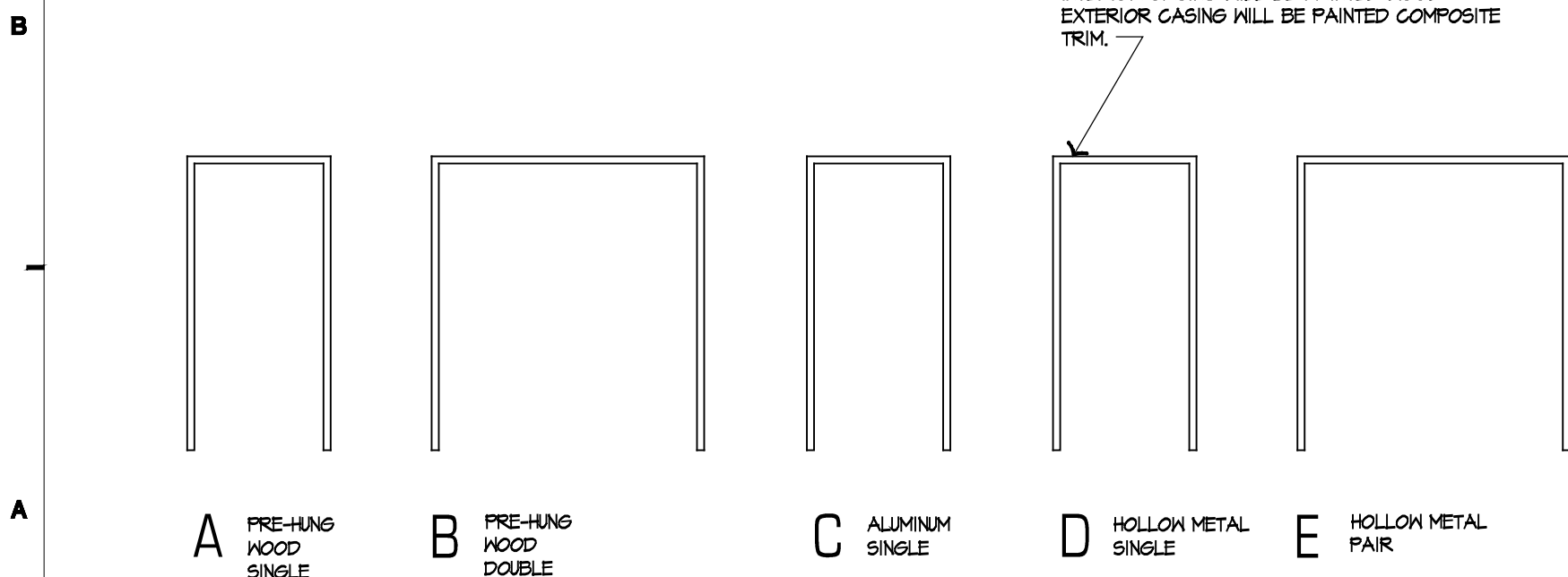
A VINYL WINDOW QUAKER ADVANTEDGE
B ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 451 UT
C ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 451 UT
D ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 451 UT
E ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 451 UT



F ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 451 UT
G ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 451 UT
H ALUMINUM STOREFRONT SYSTEM, KAWNEER TRIFAB 451 UT

C10 WINDOW TYPES

SCALE: NO SCALE



A10 FRAME TYPES

SCALE: NO SCALE

A6 DOOR TYPES

SCALE: NO SCALE

DOOR SCHEDULE

DOOR INFORMATION					FRAME INFORMATION				REMARKS
NO.	SIZE F.V. = FIELD VERIFY EX. = EX. TO REMAIN	MAT. TYPE	DOOR TYPE	UL RATING	HDWR SET	MAT. TYPE	HEAD	JAMB	
304-1	3'-0" X 7'-0" X 1 3/4"	HMI	A	60 MIN.	A	HM	A	64/A3.6	66/A3.6
304-2	3'-0" X 6'-8" X 1 3/8"	HCL	C	-	B	MD	A	62/A3.6	62/A3.6
304-3	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
304-4	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
304-5	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
304-6	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
310-1	3'-0" X 7'-0" X 1 3/4"	HMI	A	60 MIN.	A	HM	A	64/A3.6	66/A3.6
310-2	3'-0" X 6'-8" X 1 3/8"	HCL	C	-	B	MD	A	62/A3.6	62/A3.6
310-3	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
310-4	2'-6" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
310-5	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
310-6	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
310-7	2'-0" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
311-1	3'-0" X 7'-0" X 1 3/4"	HMI	A	60 MIN.	A	HM	A	64/A3.6	66/A3.6
311-2	3'-0" X 6'-8" X 1 3/8" DBL	HCL	C	-	D	MD	B	62/A3.6	62/A3.6
311-3	2'-6" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
311-4	3'-0" X 6'-8" X 1 3/8"	HCL	C	-	B	MD	A	62/A3.6	62/A3.6
311-5	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
311-6	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
311-7	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
311-8	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
311-11	2'-0" X 6'-8" X 1 3/8" DBL	HCM	B	-	D	MD	B	62/A3.6	62/A3.6
312-1	3'-0" X 7'-0" X 1 3/4"	HMI	A	60 MIN.	A	HM	A	64/A3.6	66/A3.6
312-2	3'-0" X 6'-8" X 1 3/8" DBL	HCL	C	-	D	MD	B	62/A3.6	62/A3.6
312-3	2'-6" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
312-4	3'-0" X 6'-8" X 1 3/8"	HCL	C	-	B	MD	A	62/A3.6	62/A3.6
312-5	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
312-6	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	B	MD	A	62/A3.6	62/A3.6
312-7	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
312-8	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
312-11	2'-0" X 6'-8" X 1 3/8" DBL	HCM	B	-	D	MD	B	62/A3.6	62/A3.6
315-1	3'-0" X 7'-0" X 1 3/4"	HMI	A	60 MIN.	A	HM	A	64/A3.6	66/A3.6
315-2	3'-0" X 6'-8" X 1 3/8"	HCL	C	-	B	MD	A	62/A3.6	62/A3.6
315-3	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-4	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-5	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-6	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-7	2'-0" X 6'-8" X 1 3/8" DBL	HCM	B	-	D	MD	B	62/A3.6	62/A3.6
314-1	3'-0" X 7'-0" X 1 3/4"	HMI	A	60 MIN.	A	HM	A	64/A3.6	66/A3.6
314-2	3'-0" X 6'-8" X 1 3/8"	HCL	C	-	B	MD	A	62/A3.6	62/A3.6
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314-4	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
314-5	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
314-6	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
314-11	2'-0" X 6'-8" X 1 3/8" DBL	HCM	B	-	D	MD	B	62/A3.6	62/A3.6
315-1	3'-0" X 7'-0" X 1 3/4"	HMI	A	60 MIN.	A	HM	A	64/A3.6	66/A3.6
315-2	3'-0" X 6'-8" X 1 3/8"	HCL	C	-	B	MD	A	62/A3.6	62/A3.6
315-3	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-4	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-5	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-6	3'-0" X 6'-8" X 1 3/8"	HCM	B	-	C	MD	A	62/A3.6	62/A3.6
315-7	2'-0" X 6'-8" X 1 3/8" DBL	HCM	B	-	D	MD	B	62/A3.6	62/A3.6

GLAZING LEGEND

*1 CLEAR INSULATED LOW-E SAFETY GLAZING
NOTE:
PROVIDE FIRE RATED & SAFETY GLAZING WHERE REQUIRED BY CODE.

GENERAL NOTES

A. ALL SECOND & THIRD FLOOR OPERABLE WINDOWS TO HAVE OPENING CONTROL DEVICES. COLOR TO MATCH WINDOW CONTROL DEVICE SHALL ALLOW WINDOW TO OPENING FULLY.

HARDWARE SETS

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

- A. 1/2 PR. BUTTS
1 LATCHSET AND DEADBOLT
1 WEATHER STRIP SET WITH SHEEP
1 THRESHOLD
1 STOP
1 VIEWER - 60" AFF (NO VIEWER ON DOOR D)
ADD 2ND DOOR VIEWER IN ACCESSIBLE UNITS @ 45" AFF
- B. 1/2 PR. BUTTS
1 LATCHSET
1 STOP
- C. 1/2 PR BUTTS
1 PRIVACY SET
1 STOP
- D. 3 PR BUTTS
2 DUMMY SET
2 BALLCATCH @ HEAD OF DOORS
2 STOP
- E. 1/2 PR BUTTS
1 OFFICE SET
1 STOP
- F. 3 PR BUTTS
1 LATCHSET AND DEADBOLT
1 WEATHER STRIP SET WITH SHEEP
1 THRESHOLD
1 SET FLUSH BOLTS
- G. CYLINDER
REMAINING HARDWARE BY STORE
FRONT MFG.
- H. 3 1/2 PR BUTTS
1 STOREROOM LOCKSET
1 STOP
- I. 3 PR BUTTS
1 STOREROOM LOCKSET
1 COORDINATOR
1 ASTRAGRAL
2 CLOSERS
1 WEATHER STRIP
1 THRESHOLD

GENERAL DOOR HARDWARE NOTES

1. ALL LOCKSETS TO BE HANDICAP ACCESSIBLE LEVER TYPE, SCHLAGE "JUPITER" STYLE OR APPROVED EQUAL UNO.
2. ALL HARDWARE FINISHES TO BE US260.
3. ALL APARTMENT ENTRANCE DOOR HARDWARE TO BE LIGHT COMMERCIAL GRADE. RESIDENTIAL GRADE AT ALL OTHER LOCATIONS.
4. UTILIZE BASE STOPS TO FULLEST EXTENT PRACTICAL, USING HINGE STOPS (1 HIGH & 1 LOW) ONLY WHERE BASE STOPS ARE NOT APPLICABLE.

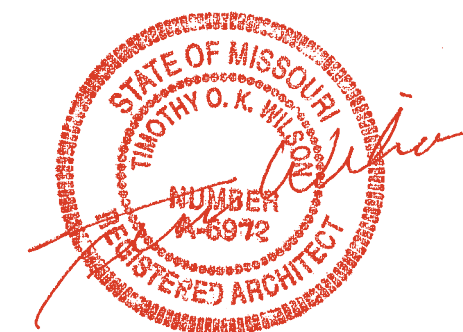
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ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

SEAL
ARCHITECT - TIMOTHY O.K. WILSON
MO. LICENSE NO. A-6972



DOOR SCHEDULE

ISSUE DATE:

02.04.2019

REVISIONS:

PROJECT NO.: 1817

A6.2

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ROOM FINISH SCHEDULE														ROOM FINISH SCHEDULE															
ROOM #	ROOM NAME	FLOOR FINISH	BASE				WALLS				CEILING		REMARKS	ROOM #	ROOM NAME	FLOOR FINISH	BASE				WALLS				CEILING		REMARKS		
			N	E	S	W	N	E	S	W	FINISH	HEIGHT					N	E	S	W	N	E	S	W	FINISH	HEIGHT			
101	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		110	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
	KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
	LAUNDRY/MECH.	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			MECHANICAL	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
	LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			COAT CLOSET	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
	BEDROOM 1	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
	CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			BEDROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
	BATH 1	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			CLOSET/LAUNDRY	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
BEDROOM 2	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		BATH	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP					
CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																		
BATH 2	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																		
102	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	LAUNDRY/MECH.	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	BEDROOM 1	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	BATH 1	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
BEDROOM 2	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																		
CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																		
BATH 2	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																		
103	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			112	COMMUNITY ROOM	VFF	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP		
	KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			MECHANICAL	VT	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP			
	LAUNDRY/MECH.	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			112A	TOILET	VT	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP		
	LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			113	RETAIL SPACE	CONC	-	-	-	-	-	-	-	-	CGBI	RE: RCP		
	BEDROOM 1	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			114	OFFICE	VFF	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP		
	CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				CLOSET	VFF	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP		
	BATH 1	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				CLOSET	VFF	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP		
BEDROOM 2	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				MECHANICAL	VT	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP			
CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			114A	TOILET	VT	BI	BI	BI	BI	P2	P2	P2	P2	CGBI	RE: RCP			
BATH 2	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			115	OFFICE	VFF	BI	BI	BI	BI	P3	P3	P3	P3	CGBI	RE: RCP			
														116	OFFICE	VFF	BI	BI	BI	BI	P3	P3	P3	P3	CGBI	RE: RCP			
104	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			117	OFFICE	VFF	BI	BI	BI	BI	P3	P3	P3	P3	CGBI	RE: RCP		
	KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			118	PUMP/RISE	CONC	B2	B2	B2	B2	P1	P1	P1	P1	CGBI	RE: RCP		
	LAUNDRY/MECH.	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			119	BUILDING SERVICES	CONC	B2	B2	B2	B2	P1	P1	P1	P1	CGBI	RE: RCP		
	LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			120	CORRIDOR	CONC	-	-	-	-	-	-	-	-	EXFW	RE: RCP		
	BEDROOM 1	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			121	CORRIDOR	CONC	-	-	-	-	-	-	-	-	EXFW	RE: RCP		
	CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			122	CORRIDOR	CONC	-	-	-	-	-	-	-	-	EXFW	RE: RCP		
	BATH 1	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
BEDROOM 2	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			51	STAIR	FW	-	-	-	-	-	-	-	-	EXFW	RE: RCP			
CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			52	STAIR	FW	-	-	-	-	-	-	-	-	EXFW	RE: RCP			
BATH 2	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			53	STAIR	FW	-	-	-	-	-	-	-	-	EXFW	RE: RCP			
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105	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			55	STAIR	FW	-	-	-	-	-	-	-	-	EXFW	RE: RCP		
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	MECHANICAL	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	COAT CLOSET	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
	BEDROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			201-301	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	CLOSET/LAUNDRY	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
BATH	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			LAUNDRY/MECH.	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				
														LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				
106	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BEDROOM 1	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	MECHANICAL	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BATH 1	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	COAT CLOSET	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BEDROOM 2	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	BEDROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BATH 2	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	CLOSET/LAUNDRY	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP																	
BATH	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			202-302	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
															KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
107	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				LAUNDRY/MECH.	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	MECHANICAL	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BEDROOM 1	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	COAT CLOSET	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	LIVING ROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BATH 1	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	BEDROOM	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BEDROOM 2	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	CLOSET/LAUNDRY	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				CLOSET	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
BATH	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				BATH 2	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP			
108	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				203-303	UNIT / ENTRY & HALL	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP	
	KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				KITCHEN	VFF	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP		
	MECHANICAL	VT	BI	BI	BI	BI	PI	PI	PI	PI	CGBI	RE: RCP				LAUNDRY/MECH.													



ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

STARK WILSON DUNCAN ARCHITECTS INC
315 NICHOLS RD STE 228 - KANSAS CITY, MO 64112 - T 816 531 1698 F 816 531 1078

SEAL
ARCHITECT - TIMOTHY O.K. WILSON
MO. LICENSE NO. A-6972



ROOM FINISH SCHEDULE

ISSUE DATE:

02.04.2019

REVISIONS:

PROJECT NO.: 1817

F1.1

- A. REFER TO FINISH PLANS FOR FLOOR PATTERNS, LAYOUTS, & LIMITS OF FLOORING.
- B. REFER TO FINISH SCHEDULE FOR ACCENT COLOR & WALL TREATMENT LOCATIONS.
- C. FLOOR FINISH TRANSITIONS: ALL ADA COMPLIANT, ALL METAL TRANSITIONS TO HAVE SATIN NICKEL FINISH:
VINYL PLANK TO VINYL TILE: RUBBER TYPE
- D. PAINTED WALLS & CEILINGS ARE GYPSUM BOARD, U.O..
- E. SHERWIN WILLIAMS PAINTS ARE SELECTED AS 'BASIS FOR DESIGN'. COLOR MATCHING THESE SELECTIONS V/ APPROVED PAINT VENDORS IS ALLOWABLE.
- F. FLOORING MATERIALS WITHIN STAIR SHAFTS, EXIT PASSAGEWAYS & CORRIDORS SHALL COMPLY WITH DGC FF-1 "PILL TEST" (CPSC 16 CFR, PART 1630).
- G. PAINTED & STAINED SURFACES TO HAVE THE FOLLOWING FINISH, U.O..
CEILINGS: FLAT
WALLS: EGGSHELL
WOOD DOORS & TRIM: SEMI-GLOSS
METAL DOORS & FRAMES: SEMI-GLOSS
METAL: SEMI-GLOSS
- H. APRT UNIT & COMMUNITY ROOM KITCHENS TO INCLUDE THE FOLLOWING
CABINETS: NCI
COUNTERTOPS & BACKSPLASHES: PLGI
- I. UNIT BATHROOMS TO INCLUDE THE FOLLOWING:
CABINETS: NCI
VANITY COUNTERTOPS: VGI

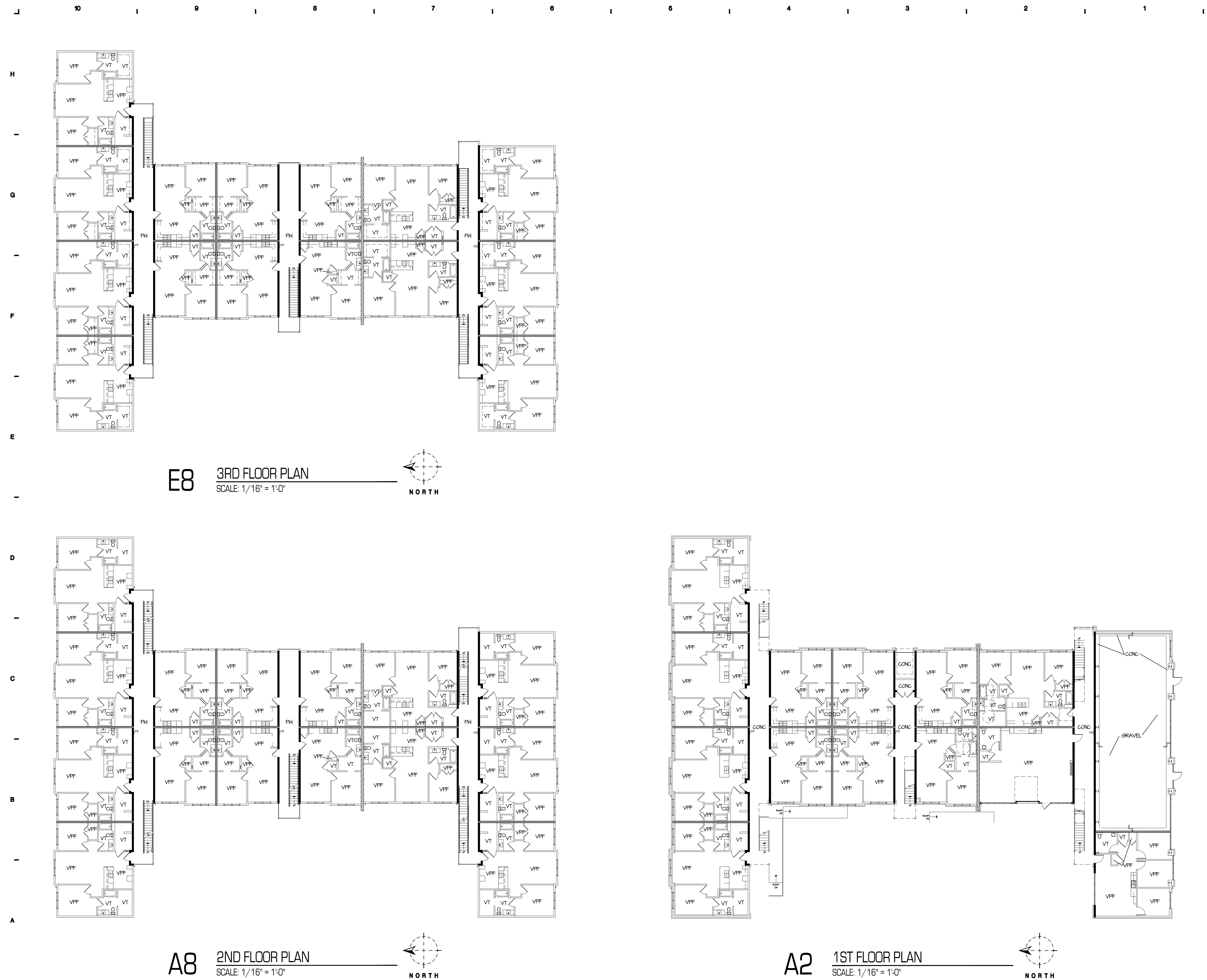
KEY	MATERIAL	MANUFACTURER	PATTERN NO./COLOR	REMARKS	RE. SPEC. SECTION
FLOORING					
LVP	VINYL PLANK FLOORING	PATCRAFT	TIMBER GROVE / TBD		016516
VT	VINYL TILE	PATCRAFT	LETTER PRESS / TBD		016516
CONC	CONCRETE				
PK	PLASTIC WOOD	TBD	TBD		061553
BASE					
B1	WOOD BASE	PMD	1/2" X 4" WITH 3/4" QUARTER ROUND SHOE	PAINT P4	
B2	4" RUBBER COVE BASE	JOHNSONITE	TO BE DETERMINED		
WALLS					
	PAINT - WALLS	SHERWIN WILLIAMS	TO BE DETERMINED		091123
	PAINT - WALLS	SHERWIN WILLIAMS	TO BE DETERMINED		091123
P1	PAINT - WALLS	SHERWIN WILLIAMS	TO BE DETERMINED		091123
P2	PAINT - TRIM AND DOORS	SHERWIN WILLIAMS	TO BE DETERMINED		091123
P3	PAINT - CEILINGS	SHERWIN WILLIAMS	TO BE DETERMINED		091123
P5					
CEILINGS					
CSBI	CEILING - GYPSUM BOARD PAINT		PAINT P5		
EXFN	EXPOSED WOOD FRAMING				
CASEWORK					
KC1	CABINETS	GRANDVIEW INDUST.	OAKDALE / FINISH TO BE DETERMINED	1.	123530
PLC1	PLASTIC LAMINATE COUNTERTOPS	FORMICA OR WILSONART	TO BE DETERMINED	3.	123623,13
VC1	CULTURED MARBLE COUNTERTOPS	-	SOLID WHITE	2.	123661,13

1. CABINET PULLS - AMEROCK CORP, STYLE BP52495G10 OR APPROVED EQUAL.
2. CULTURED MARBLE COUNTERTOP W/ MATCHING INTEGRAL SINK & 4" BACKSPLASH. INCLUDE 4" SIDESPLASH. CAULK JOINTS W/ CLEAR SEALANT.
3. INCLUDE 4" MATCHING BACKSPLASH & SIDESPLASH AT WALLS.

PROJECT NO.: 1817

F1.2

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Feb 02,2019 11:02am



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ARCHITECTS

EST 1935

ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS

1255 E. CHESTNUT

SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

STARK WILSON DUNCAN ARCHITECTS INC.

315 NICHOLS RD. STE 228 - KANSAS CITY, MO 64112 - T 816.531.1978 F 816.531.1978

SEAL

ARCHITECT - TIMOTHY O.K. WILSON

MO. LICENSE NO. A-6972

STATE OF MISSOURI

TIMOTHY O.K. WILSON

NUMBER A-6972

REGISTERED ARCHITECT

FLOOR FINISH
PLANS

ISSUE DATE:
02.04.2019

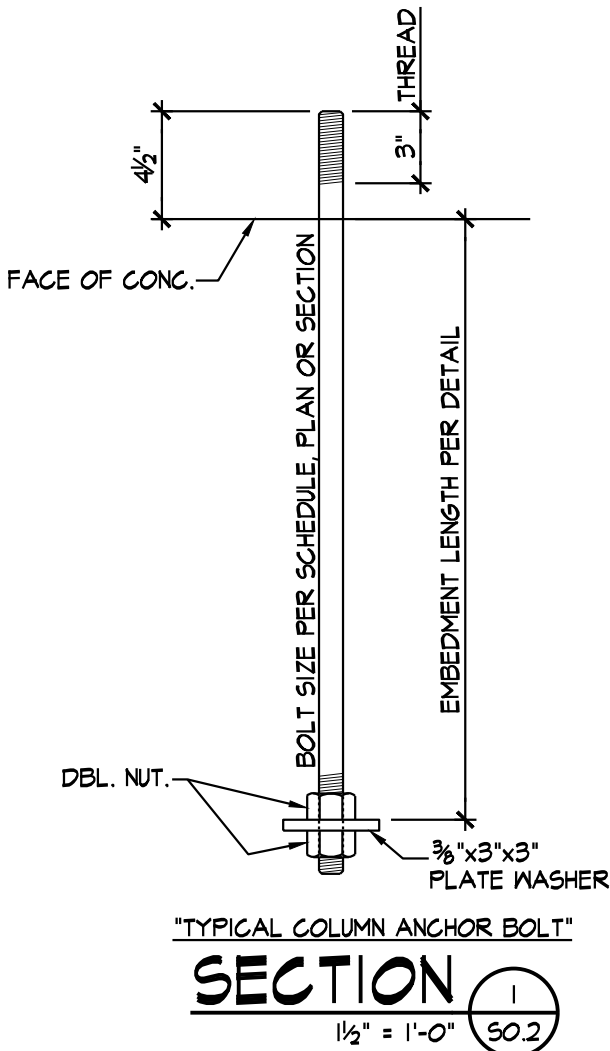
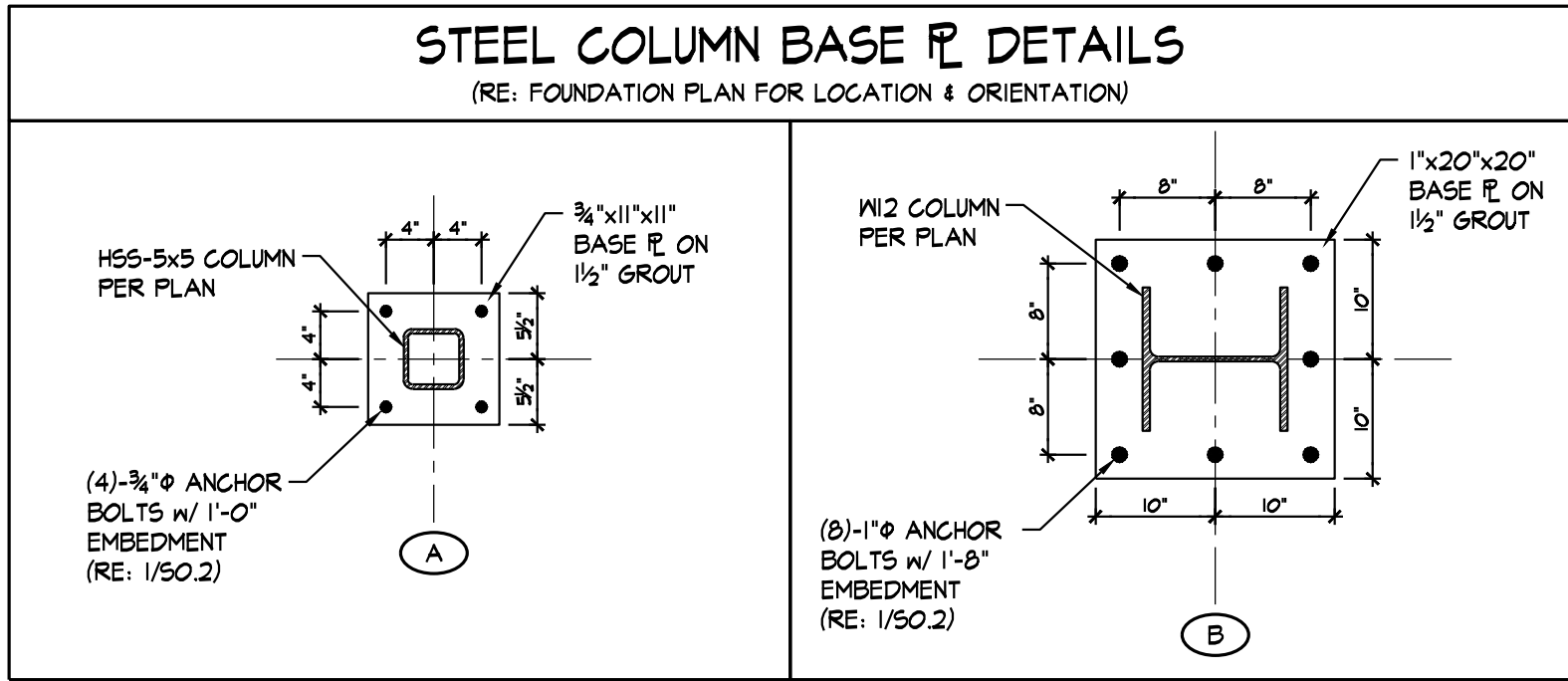
REVISIONS:

PROJECT NO.: 1817

F2.1

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HEADER SCHEDULE				
TYPE	HEADER SIZE	BEARING STUDS BELOW EACH END OF HEADER	CONTINUOUS JAMB STUDS AT EACH END	REMARKS
(A1)	(3) 2x10's w/ (2) 1/2" PLYWOOD SPACERS	(1) 2x6	(2) 2x6	RE: SECTION 1/50.3
(B1)	(3) 2x10's w/ (2) 1/2" PLYWOOD SPACERS	(1) 2x6	(2) 2x6	RE: SECTION 1/50.3
(A2)	(3) 2x10's w/ (2) 1/2" PLYWOOD SPACERS	(2) 2x6	(2) 2x6	RE: SECTION 1/50.3
(B2)	(3) 2x10's w/ (2) 1/2" PLYWOOD SPACERS	(2) 2x6	(2) 2x6	RE: SECTION 1/50.3
(A3)	(3) 2x10's w/ (2) 1/2" PLYWOOD SPACERS	(2) 2x6	(2) 2x6	RE: SECTION 1/50.3
(B3)	(3) 2x10's w/ (2) 1/2" PLYWOOD SPACERS	(2) 2x6	(2) 2x6	RE: SECTION 1/50.3



STUD BEARING WALL SCHEDULE	
LOCATION	STUD SIZE & SPACING
1st FLOOR EXTERIOR WALLS	(2) 2x6 @16"oc
1st FLOOR INTERIOR WALLS	(2) 2x6 @16"oc
2nd FLOOR EXTERIOR WALLS	2x6 @16"oc
2nd FLOOR INTERIOR WALLS	2x6 @16"oc
3rd FLOOR EXTERIOR WALLS	2x6 @16"oc
3rd FLOOR INTERIOR WALLS	2x6 @16"oc

- NOTES:
- UNLESS NOTED OTHERWISE, PROVIDE STUD PACKS AT ALL GIRDER TRUSS BEARING LOCATIONS. QUANTITY OF STUDS SHALL BE 3 STUDS MINIMUM PLUS ONE ADDITIONAL STUD FOR EACH PLY OF GIRDER TRUSS. REFER TO SECTION 6/50.3. STUD PACKS SHALL BE ALIGNED & PROVIDED AT EACH LEVEL OF 3-STORY STRUCTURE TO TRANSFER LOAD TO THE FOUNDATION.
 - PROVIDE SQUASH BLOCKS (ALIGNED WITH WALL STUDS ABOVE & BELOW) WITHIN THE DEPTH OF THE FLOOR FRAMING TO TRANSFER STUD LOADS TO THE WALL BELOW, WHERE SUPPORT IS NOT OTHERWISE PROVIDED (TYPICAL).
 - WALL STUDS AT DOUBLE-HEIGHT SPACES THAT ARE NOT BRACED BY THE FLOOR OR BY A HORIZONTAL GIRT AT THE FLOOR LEVEL SHALL BE 1/2" x 1/4" TIMBERSTRAND LSL STUDS UNLESS NOTED OTHERWISE.

WALL SHEATHING SCHEDULE			
LOCATION	SHEATHING	FASTENER SPACING	
		PANEL EDGE	FIELD
EXTERIOR WALL (EXTERIOR SIDE) U.N.O. PER SHEAR WALL SCHEDULE	3/4" OSB	8d COMMON NAILS @4"oc	8d COMMON NAILS @12"oc
EXTERIOR WALL (INTERIOR SIDE) U.N.O. PER SHEAR WALL SCHEDULE	3/8" GYPSUM BOARD	6d COOLER NAILS @4"oc	6d COOLER NAILS @7"oc
TYP. INTERIOR WALL U.N.O. PER SHEAR WALL SCHEDULE	3/8" GYPSUM BOARD	6d COOLER NAILS @4"oc	6d COOLER NAILS @7"oc

- NOTES:
- REFER TO SHEAR WALL SCHEDULE FOR SHEATHING OF SHEAR WALLS.
 - ALL PANEL JOINTS ARE TO BE FULLY BLOCKED.

FLOOR & ROOF DECK SCHEDULE			
LOCATION	DECKING	FASTENER SPACING	
		PANEL EDGE	FIELD
TYPICAL ROOF DECK	19/32" OSB	10d COMMON NAILS @6"oc	10d COMMON NAILS @12"oc
FLOOR DECK	3/4" T&G PLYWOOD	10d RING SHANK NAILS @12"oc (GLUED & NAILED)	10d RING SHANK NAILS @12"oc (GLUED & NAILED)

FOOTING SCHEDULE		
FOOTING TYPE	FOOTING SIZE (FT.) x THICKNESS (IN.)	REINFORCING (EACH WAY)
(3,0)	3'-0"x3'-0"x36" Dp	#4@6"oc (TOP & BOT)
(5,0)	5'-0"x5'-0"x32" Dp	#4@6"oc (TOP & BOT)
(6,0)	6'-0"x6'-0"x32" Dp	#5@6"oc (TOP & BOT)

- NOTES:
- SPREAD FOOTINGS SHALL BE POURED MONOLITHIC w/ GRADE BEAMS & CONTINUOUS WALL FOOTINGS. REINFORCING FOR GRADE BEAMS & CONTINUOUS WALL FOOTINGS SHALL BE CONTINUOUS THROUGH SPREAD FOOTINGS.

NAILING SCHEDULE (REFER TO NOTES #1 and #2)		
CONNECTION	ATTACHMENTS (REF NOTE #3 and #4)	
JOIST TO SILL OR GIRDER	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
BRIDGING TO JOIST	2- 3" x 0.131" NAILS-TOENAIL EACH END	2-8d NAILS-TOENAIL EACH END
SOLE PLATE TO JOIST OR BLOCKING	3" x 0.131" NAILS AT 8"oc.-TYPICAL FACE NAIL 4-3" x 0.131" NAILS AT 16"oc.-BRACED WALL PANELS	16d BOX NAILS@ 16"oc. MAX. FACE NAILING 3-16d BOX NAILS AT 16"oc. BRACED WALL PANEL
TOP PLATE TO STUD	3- 3" x 0.131" NAILS-END NAIL	2-16d NAILS-END NAIL
STUD TO SOLE PLATE	4- 3" x 0.131" NAILS-TOENAIL OR 3- 3" x 0.131" NAILS-END NAIL	4-8d NAILS-TOENAIL OR 2-16d NAILS-END NAIL
DOUBLE STUDS	3" x 0.131" NAILS AT 8"oc.-FACE NAIL	16d BOX NAILS AT 24"oc. MAX. FACE NAIL
DOUBLED TOP PLATES	3" x 0.131" NAILS AT 12"oc.-FACE NAIL	16d BOX NAILS AT 16"oc. MAX. FACE NAIL
DOUBLE TOP PLATE LAPS AND INTERSECTIONS	12-3" x 0.131" NAILS	8-16d NAILS
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	3-3" x 0.131" NAILS -TOENAIL	3-8d NAILS-TOENAIL
RIM JOIST TO TOP PLATE	3" x 0.131" NAILS AT 6"oc.-TOENAIL	8d NAILS AT 6"oc. MAX.-TOENAIL
TOP PLATE LAPS AND INTERSECTIONS	3- 3" x 0.131" NAILS-FACE NAIL	2-16d NAILS-FACE NAIL
CONTINUOUS HEADER, TWO PIECES	3" x 0.131" NAILS AT 10"oc. ALONG EACH EDGE	16d NAILS AT 16"oc. MAX. ALONG EACH EDGE-TOENAIL
CEILING JOISTS TO PLATE	5- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
CONTINUOUS HEADER TO STUD	4- 3" x 0.131" NAILS-TOENAIL	4-8d NAILS-TOENAIL
CEILING JOISTS, LAPS OVER PARTITIONS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
CEILING JOISTS TO PARALLEL RAFTERS	4- 3" x 0.131" NAILS-FACE NAIL	3-16d NAILS-FACE NAIL
RAFTER TO PLATE	3- 3" x 0.131" NAILS-TOENAIL	3-8d NAILS-TOENAIL
1" BRACE TO EACH STUD AND PLATE	2- 3" x 0.131" NAILS-FACE NAIL	2-8d NAILS-FACE NAIL
BUILT-UP CORNER AND MULTIPLE STUDS	3" x 0.131" NAILS AT 16"oc.	16d NAILS AT 24"oc. MAX.
BUILT-UP GIRDER AND BEAMS	3" x 0.131" NAILS AT 24"oc. FACE NAILED TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES 3- 3" x 0.131" NAILS AT ENDS AND EACH SPLICE	20d NAILS AT 32"oc. MAX. TOP AND BOTTOM STAGGERED ON OPPOSITE SIDES 2-20d NAILS AT ENDS AND EACH SPLICE
BUILT-UP LAMINATED VENEER LUMBER BEAMS	3" x 0.131" NAILS AT 6"oc. TOP AND BOTTOM ALONG EDGE	16d NAILS AT 12"oc. TOP AND BOTTOM ALONG EDGE
2" PLANKING	4- 3" x 0.131" NAILS AT EACH SUPPORT	16d NAILS AT EACH SUPPORT

- NOTES:
- ALL NAILS SHALL BE AS NOTED UNLESS OTHERWISE SPECIFIED ON STRUCTURAL DRAWINGS OR ALTERNATE PROVIDED BY ENGINEER IN WRITING.
 - CONDITIONS NOT SPECIFIED SHALL BE IN ACCORDANCE WITH CURRENT INTERNATIONAL BUILDING CODE.
 - NAILING DESIGNATION:
4 - 3" x 0.131" NAILS
DIAMETER IN INCHES
NAIL LENGTH
QUANTITY
 - ALL NAILS NOTED AS 8d, 10d, 16d, ETC. SHALL BE COMMON NAILS UNLESS NOTED BOX.



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Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI 65802



SEAL
ENGINEER - CHRISTOPHER W. BOOS
MO. LICENSE NO. PE-2008023332



SCHEDULES

ISSUE DATE:

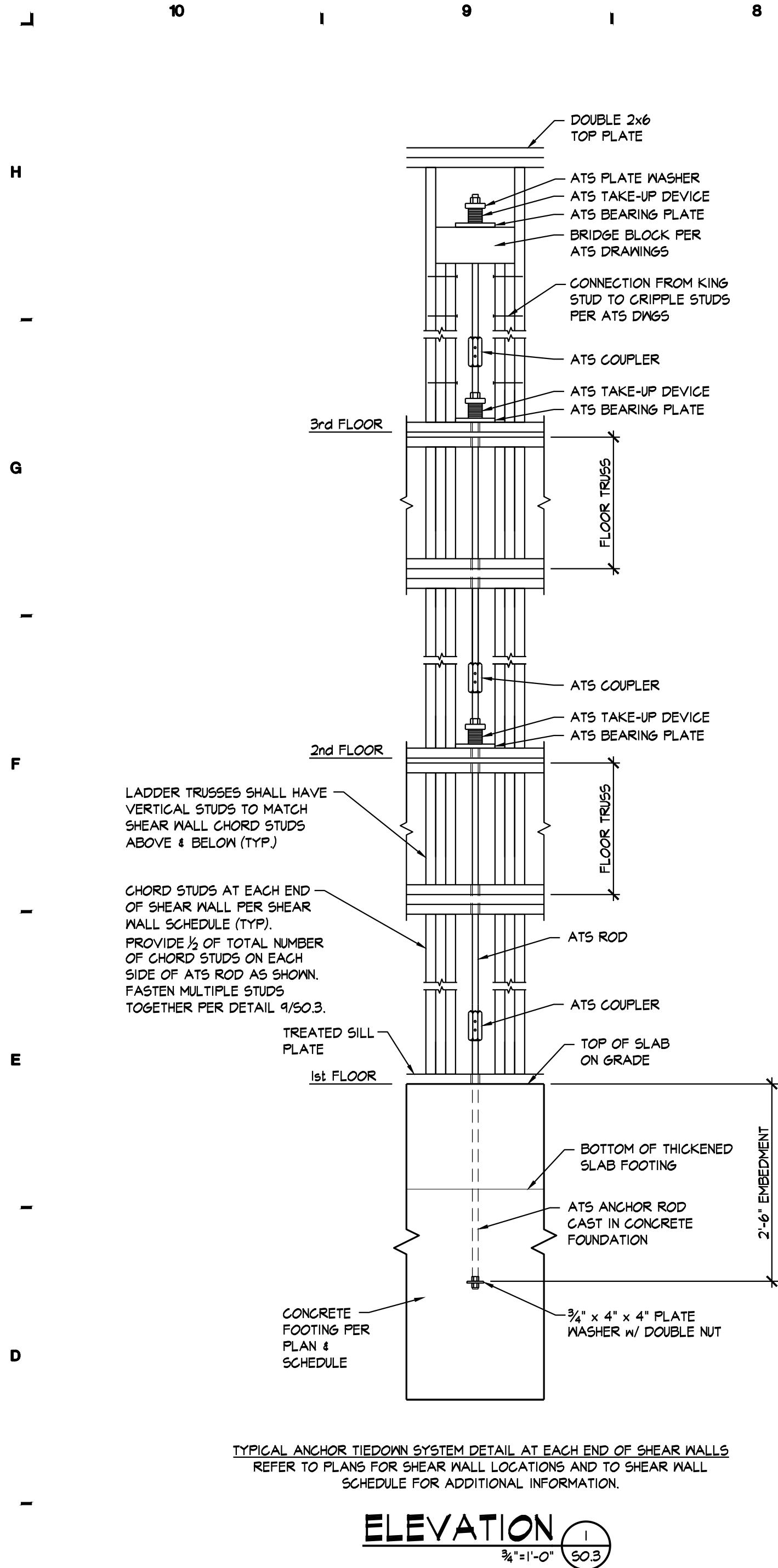
2.4.2019

REVISIONS:

PROJECT NO.: 1817

SO.2

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ANCHOR TIEDOWN SYSTEM GENERAL NOTES

1. SIMPSON STRONG-TIE SHALL PROVIDE THE ANCHOR TIEDOWN SYSTEM TO MEET THE DESIGN FORCES AND ELONGATION LIMITS PROVIDED. ATS DRAWINGS AND CALCULATIONS SHALL BE PROVIDED FOR REVIEW AND APPROVAL.
2. SHEAR WALLS SHALL BE SUPPORTED WITH A BEARING PLATE AND NUT AT EVERY STORY LEVEL. SKIPPING SHEAR WALL OVERTURNING RESTRAINT AT ANY LEVEL IS NOT PERMITTED.
3. SHRINKAGE COMPENSATION DEVICES SHALL BE USED TO ACCOUNT FOR THE SHRINKAGE AT EACH LEVEL.
4. ANCHOR BOLTS SHALL NOT BE IN CONTACT WITH PRESSURE TREATED WOOD (PTW). PTW PLATES SHALL HAVE OVERSIZE HOLES 1/8 INCH MINIMUM AND 3/8 INCH MAXIMUM LARGER THAN ROD SIZE. AS AN ALTERNATE, THE ANCHOR SHALL BE GALVANIZED IN ACCORDANCE WITH ASTM A653.
5. DO NOT WELD PRODUCTS UNLESS THESE DRAWINGS SPECIFICALLY IDENTIFY A PRODUCT AS ACCEPTABLE FOR WELDING, OR UNLESS SPECIFIC APPROVAL FOR WELDING IS PROVIDED BY SIMPSON STRONG-TIE. SOME STEELS HAVE POOR WELDABILITY AND A TENDENCY TO CRACK WHEN WELDED. CRACKED STEEL WILL NOT CARRY LOAD AND MUST BE REPLACED. NUTS AND COUPLER SHALL NOT BE WELDED.
6. IN THE EVENT OF A DISCREPANCY BETWEEN THESE STRUCTURAL DRAWINGS AND THE ATS DRAWINGS, THE STRUCTURAL DRAWINGS ALWAYS GOVERN.
7. THESE DRAWINGS ARE SPECIFIC TO ATS AND ARE NOT APPLICABLE TO OTHER MANUFACTURER TIEDOWN SYSTEMS. CONTRACTOR'S PROPOSED SUBSTITUTION OF OTHER MANUFACTURER'S CONNECTORS SHALL BE SUBMITTED TO THE STRUCTURAL ENGINEER AND BUILDING JURISDICTION FOR REVIEW AND WRITTEN APPROVAL PRIOR TO ORDERING AT THE EXPENSE OF THE CONTRACTOR. REQUESTS FOR SUBSTITUTION SHALL INCLUDE CURRENT ICC-ES EVALUATION REPORTS AND A LIST STATING THE PROPOSED ITEM-FOR-ITEM SUBSTITUTION HAS EQUIVALENT OR GREATER LOAD CAPACITY AND DEFLECTION LIMITATION. IN ADDITION, SUBSTITUTIONS SHALL COMPLY WITH CURRENT ICC-ES ACCEPTANCE CRITERIA FOR SHRINKAGE COMPENSATING DEVICES (AC308).
8. A PRE-CONSTRUCTION MEETING IS RECOMMENDED WITH SIMPSON STRONG-TIE PRIOR TO PLACEMENT OF THE CONCRETE TO ASSIST IN THE INSTALLATION PROCESS AND VERIFY QUANTITIES. TO COORDINATE THIS MEETING, CALL SIMPSON SALES AT 800-494-5099.

SHEAR WALL SCHEDULE						
SHEAR WALL TYPE (PER PLAN)	SHEATHING & ATTACHMENT			CHORD STUDS (EACH END)	ANCHOR TIEDOWN SYSTEM (EACH END)	CUMULATIVE TENSION / COMPRESSION LOAD AT EACH END OF SHEAR WALL (kips)
	1st FLOOR WALL SHEATHING	2nd FLOOR WALL SHEATHING	3rd FLOOR WALL SHEATHING			
A	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 13 kips C = 13 kips
B	3/8" OSB BOTH SIDES: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB BOTH SIDES: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB BOTH SIDES: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(8) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 27 kips C = 27 kips
C	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 5 kips C = 5 kips
D	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 5 kips C = 5 kips
E	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 5 kips C = 5 kips
F	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 5 kips C = 5 kips
G	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 7 kips C = 7 kips
H	3/8" OSB BOTH SIDES: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB BOTH SIDES: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB BOTH SIDES: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 7 kips C = 7 kips
J	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 10 kips C = 10 kips
K	5/8" GYP ONE SIDE: 6d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	5/8" GYP ONE SIDE: 6d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	5/8" GYP ONE SIDE: 6d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x4's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 5 kips C = 5 kips
L	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 7 kips C = 7 kips
M	3/8" OSB ONE SIDE: 10d NAILS #3"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #3"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(8) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 27 kips C = 27 kips
N	3/8" OSB ONE SIDE: 10d NAILS #3"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #3"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(8) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 27 kips C = 27 kips
O	3/8" OSB ONE SIDE: 10d NAILS #3"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #3"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(8) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 27 kips C = 27 kips
P	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 12 kips C = 12 kips
Q	3/8" OSB ONE SIDE: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB ONE SIDE: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(4) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3	T = 7 kips C = 7 kips
R		3/8" OSB BOTH SIDES: 10d NAILS #4"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	3/8" OSB BOTH SIDES: 10d NAILS #6"oc AT PANEL EDGES, @12"oc TO INTERMEDIATE FRAMING	(8) 2x6's (RE: SECTION 1/50.3)	SIMPSON STRONG-TIE ATS PER SECTION 1/50.3 & 7/53.1	T = 27 kips C = 27 kips

NOTES:
1. ALL SHEATHING SHALL BE FULLY BLOCKED. PROVIDE 2x BLOCKING BETWEEN STUDS AS REQUIRED TO ACHIEVE FASTENER SPACING AT PANEL EDGES.



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SEAL
ENGINEER - CHRISTOPHER W. BOOS
MO. LICENSE NO. PE-2008023332



SHEAR WALL
SCHEDULE

ISSUE DATE:

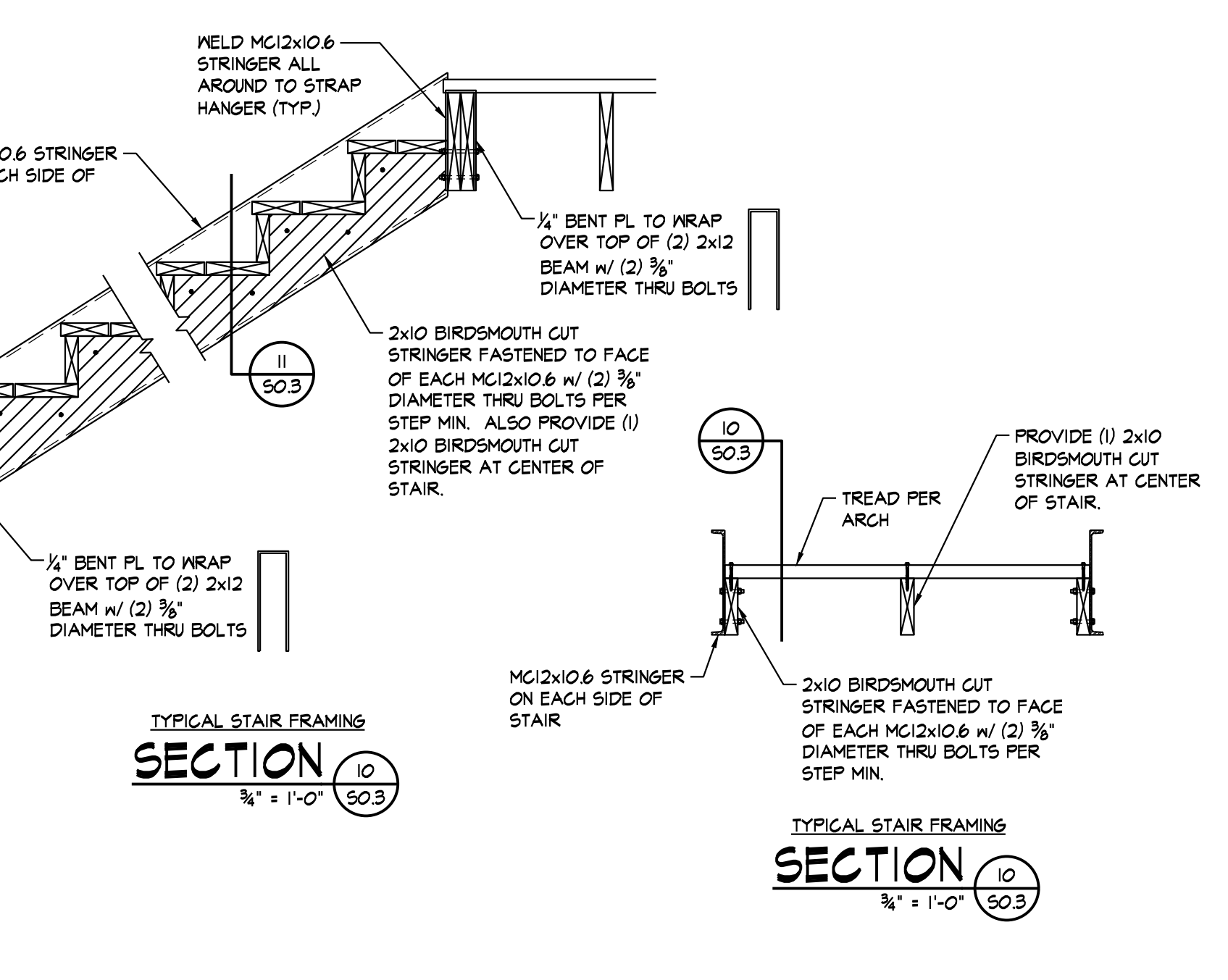
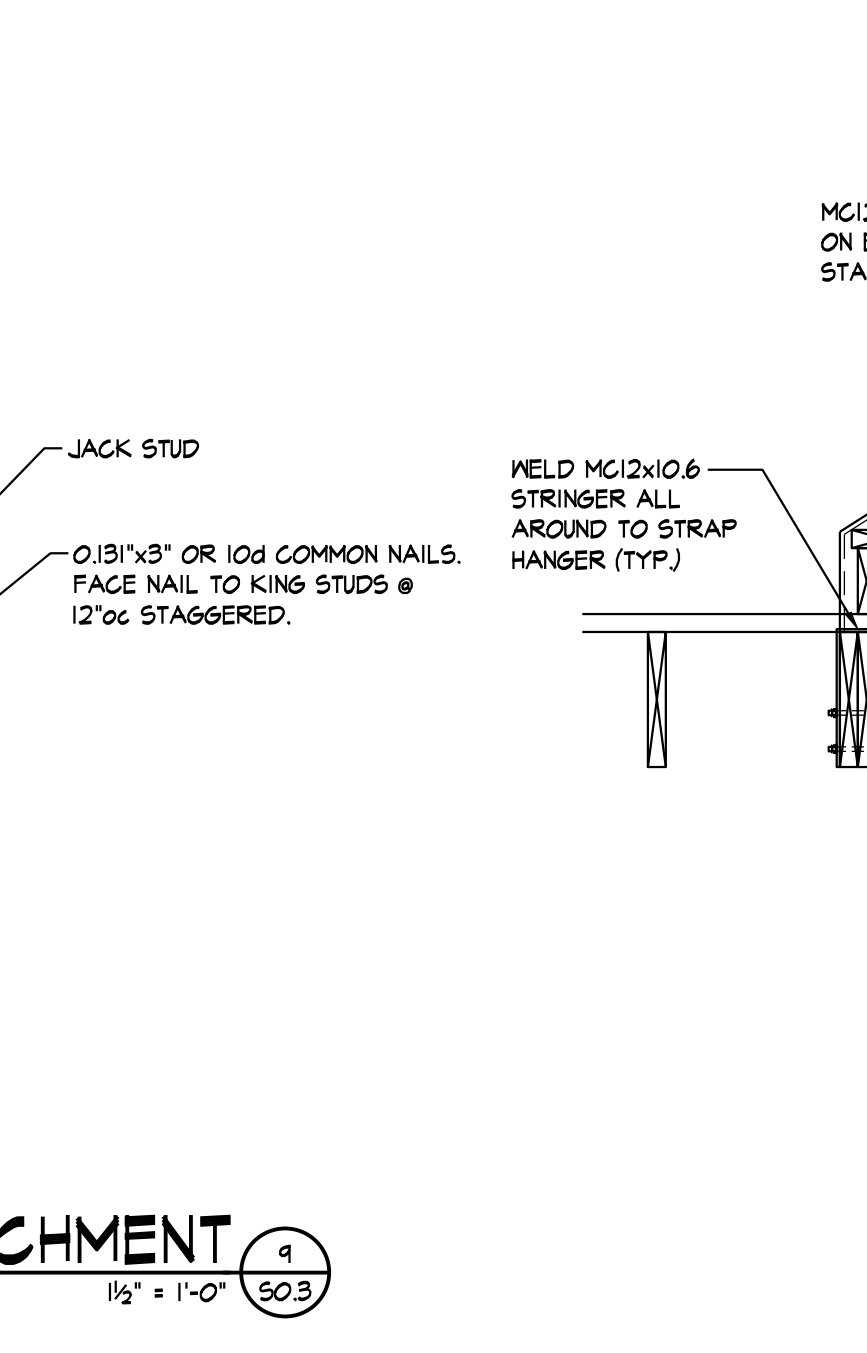
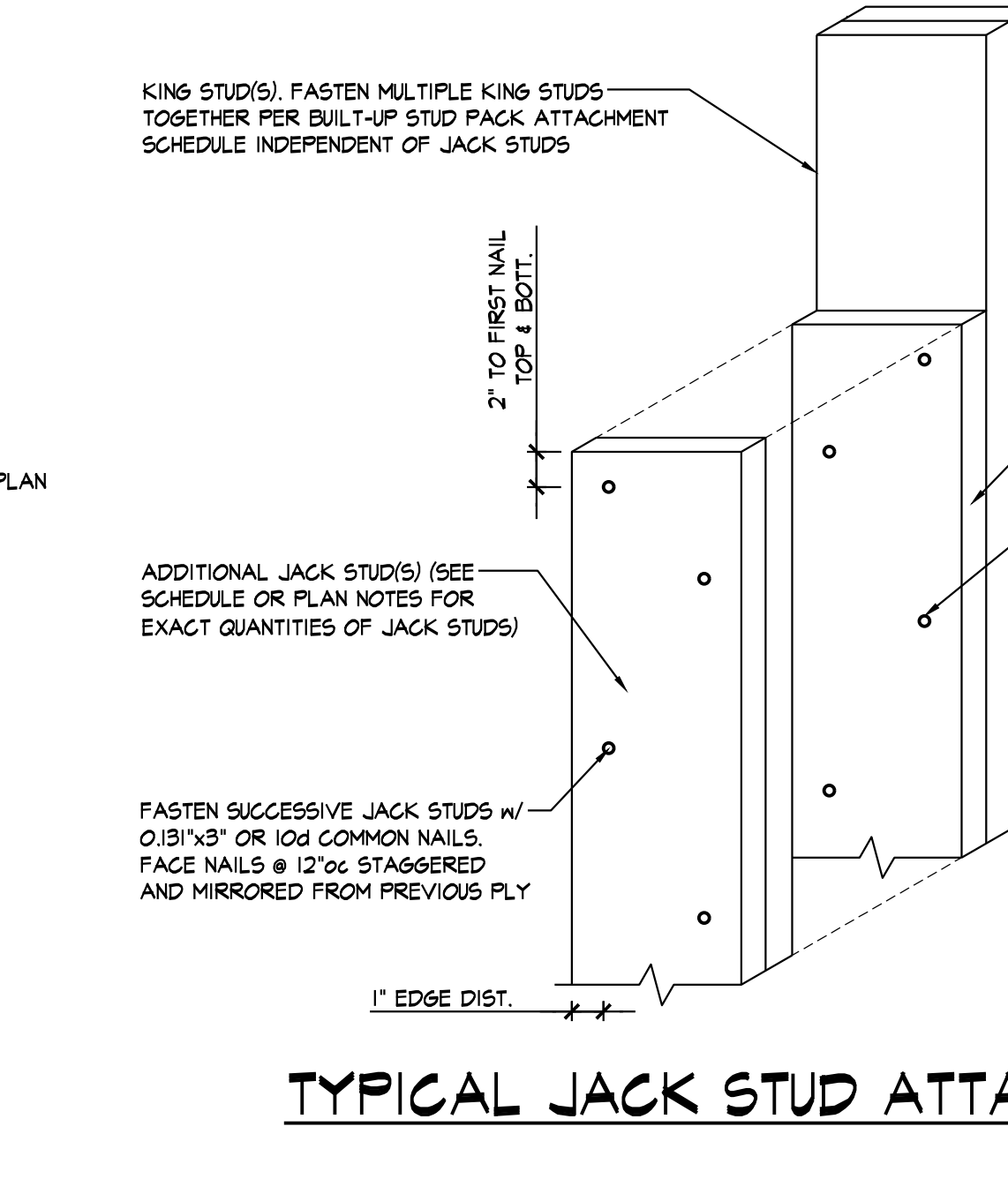
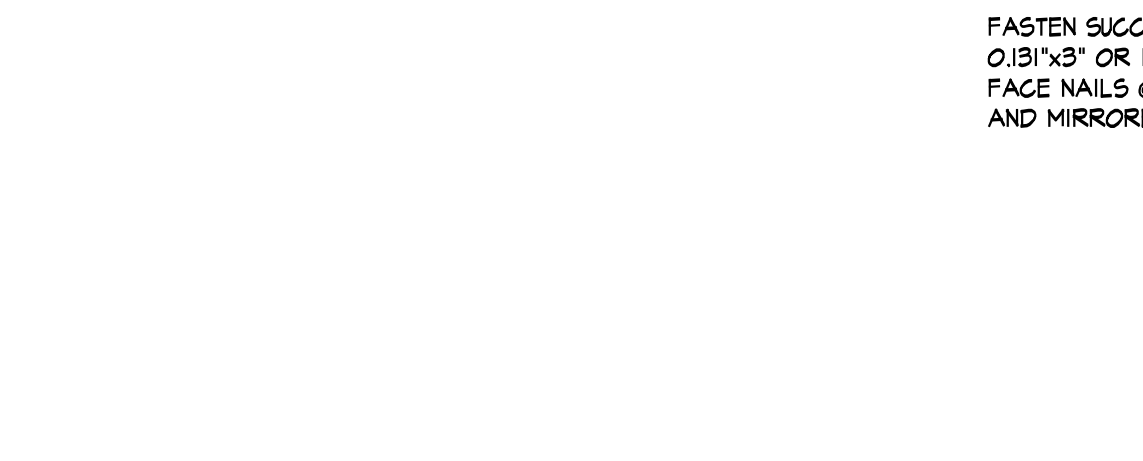
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NOTES:

1. ALL BUILT-UP STUD PACKS MUST ALIGN FLOOR-TO-FLOOR WITH SOLID BLOCKING (SQUASH BLOCKS) AT FLOOR CAVITIES.
2. EXTEND ALL STUD PACKS TO COLUMNS UNLESS NOTED OTHERWISE.
3. ALL NAILS ARE COMMON NAILS UNLESS NOTED OTHERWISE.

TYPICAL SECTIONS

ISSUE DATE:
2.4.2019

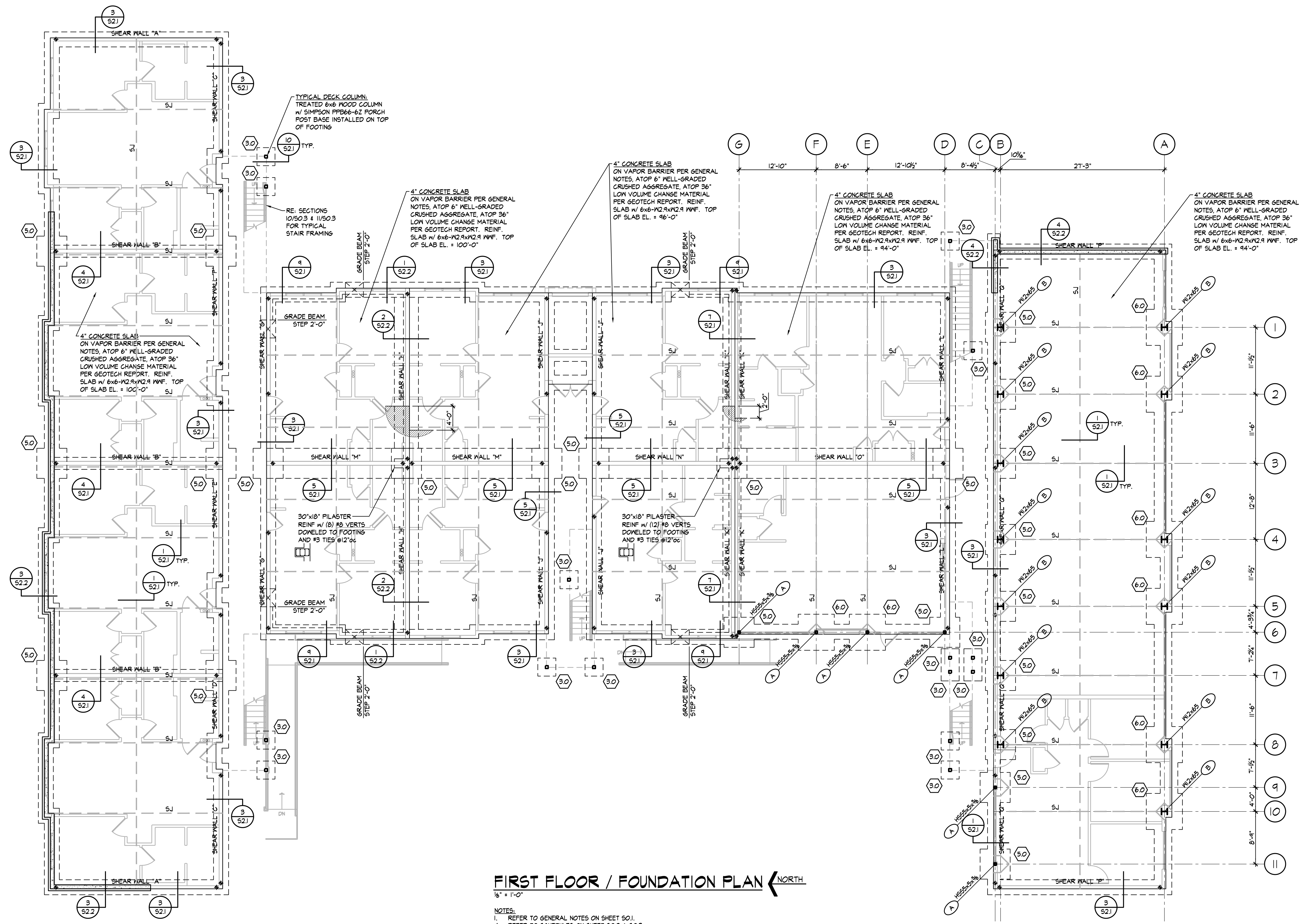
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FIRST FLOOR / FOUNDATION PLAN 

- NOTES:
- 1. REFER TO GENERAL NOTES ON SHEET S0.1.
 - 4. REFER TO SCHEDULES ON SHEET S0.2 & S0.3.
 - 5. REFER TO TYPICAL DETAILS ON SHEET S0.4.
 - 6. VERIFY ALL DIMENSIONS & ELEVATIONS W/ ARCHITECTURAL DRAWINGS.

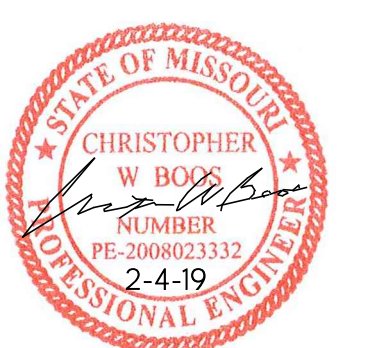


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Structural Engineers Since 1957
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Kansas City, MO 64111 www.bdc-engr.com

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ENGINEER - CHRISTOPHER W. BOOS
MO. LICENSE NO. PE-2008023332



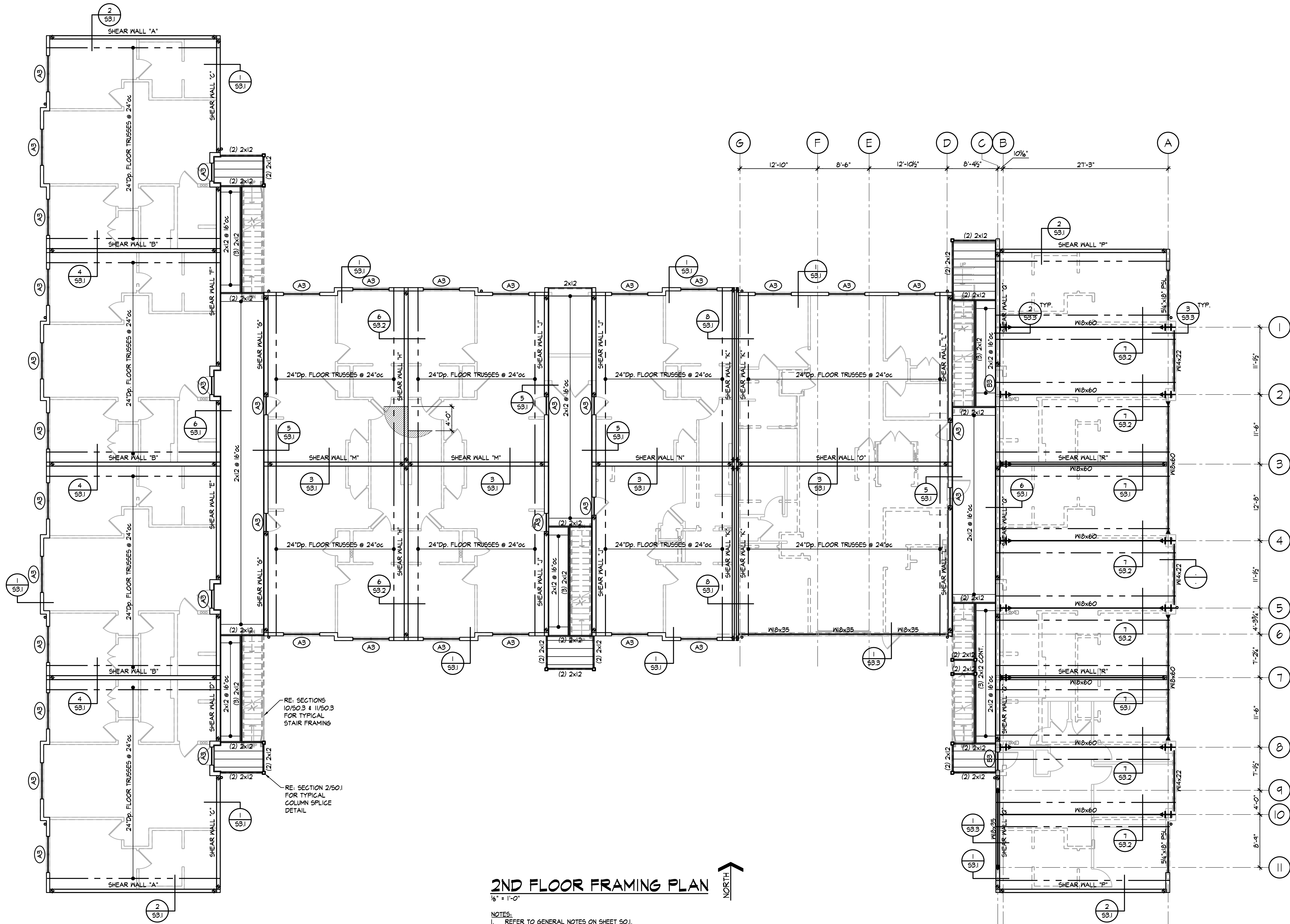
FIRST FLOOR
FOUNDATION PLAN

ISSUE DATE:
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REVISIONS:

PROJECT NO.: 1817

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2ND FLOOR FRAMING PLAN

1/8" = 1'-0"

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET 50.1.
 2. REFER TO SCHEDULES ON SHEET 50.2 & 50.3.
 3. REFER TO TYPICAL DETAILS ON SHEET 50.4.
 4. VERIFY ALL DIMENSIONS & ELEVATIONS w/ ARCHITECTURAL DRAWINGS.

SWD
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EST 1935

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**SECOND FLOOR
FRAMING PLAN**

ISSUE DATE:

2.4.2019

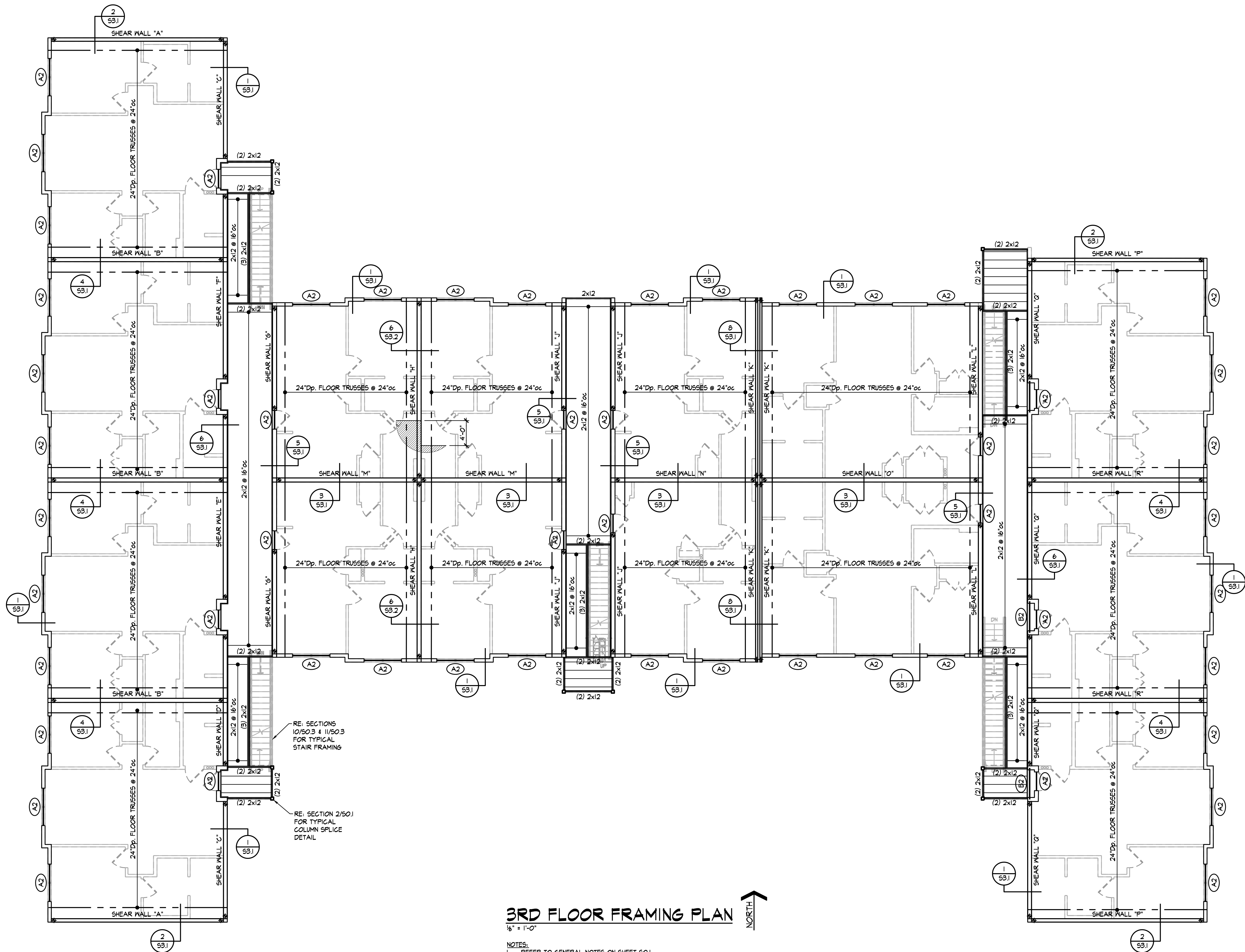
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3RD FLOOR FRAMING PLAN

1/8" = 1'-0"

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET 50.1.
 4. REFER TO SCHEDULES ON SHEET 50.2 & 50.3.
 5. REFER TO TYPICAL DETAILS ON SHEET 50.4.
 6. VERIFY ALL DIMENSIONS & ELEVATIONS w/ ARCHITECTURAL DRAWINGS.

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ARCHITECTURAL CORPORATION
MISSOURI CERTIFICATE
OF AUTHORITY NO. 000073

Y GARDENS APARTMENTS
1255 E. CHESTNUT
SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

BOB D. CAMPBELL & CO.
Structural Engineers Since 1957
6338 Bellevue Ave. 616.531.6144
Kansas City, MO 64111 www.bdc-engr.com

SEAL
ENGINEER - CHRISTOPHER W. BOOS
MO. LICENSE NO. PE-2008023332



THIRD FLOOR
FRAMING PLAN

ISSUE DATE:

2.4.2019

REVISIONS:

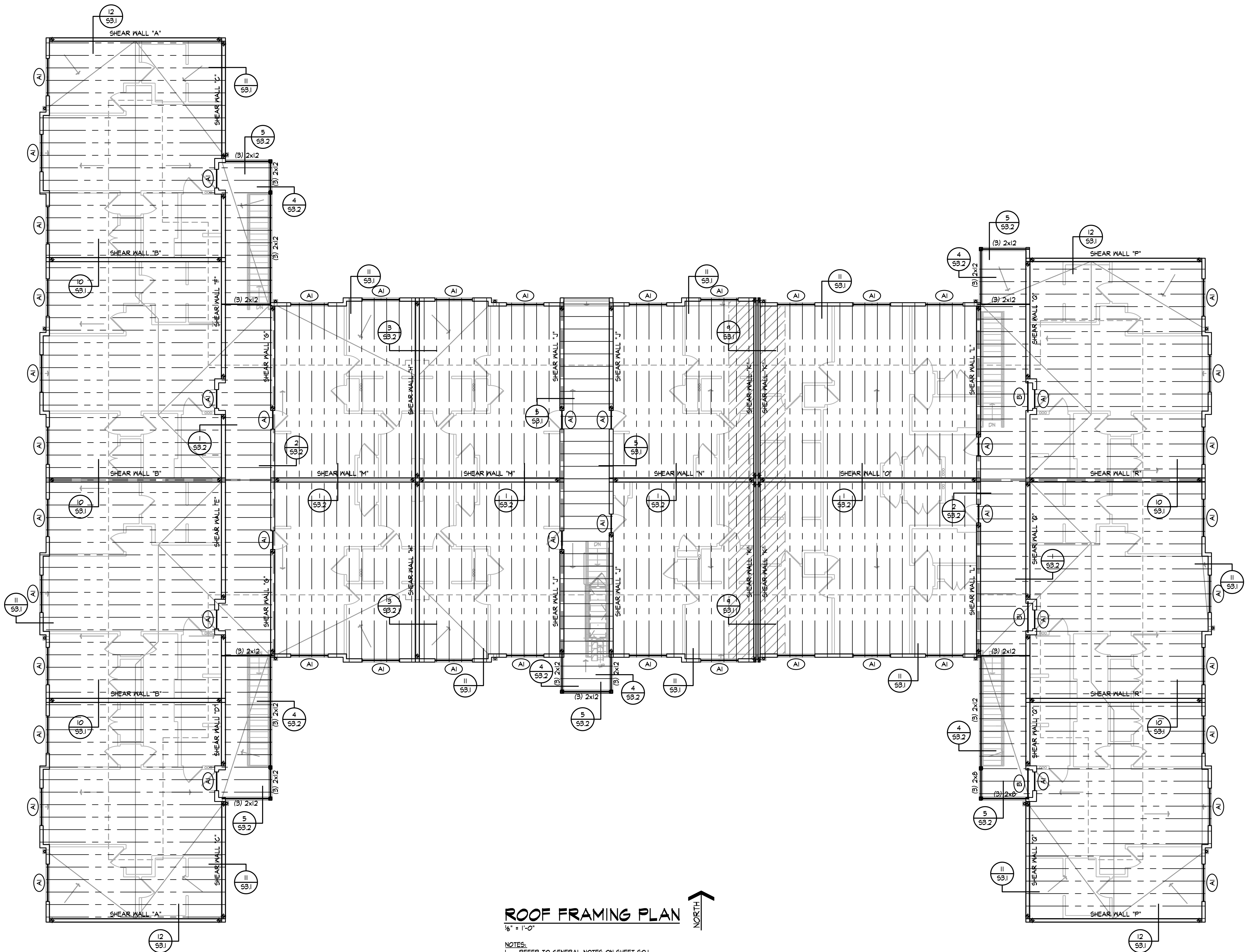
PROJECT NO.: 1817

S1.3

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STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD. STE 228 - KANSAS CITY, MO 64112 - T 816.531.1698 F 816.531.1978

Q:\0-S\SWDA Projects\SWDA1805 - Y Garden Apartments - Springfield MD\SWDA1805 Dwg\S1.4 ROOF FRAMING PLANDWG
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ROOF FRAMING PLAN
1/8" = 1'-0"

- NOTES:
1. REFER TO GENERAL NOTES ON SHEET S0.1.
 2. REFER TO SCHEDULES ON SHEET S0.2.
 3. REFER TO TYPICAL SECTIONS & DETAILS ON SHEET S0.3.
 4. VERIFY ALL DIMENSIONS & ELEVATIONS W/ ARCHITECTURAL DRAWINGS.
 5. THE TRUSS LAYOUT DEPICTED ON THE FRAMING PLAN IS SHOWN FOR SCHEMATIC PURPOSES. THE TRUSS SUPPLIER SHALL BE RESPONSIBLE FOR THE FINAL LAYOUT WHILE COMPLYING W/ THE STRUCTURAL DETAILS & UTILIZING THE LOAD BEARING ELEMENTS INDICATED ON THE DRAWINGS.

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ROOF FRAMING
PLAN

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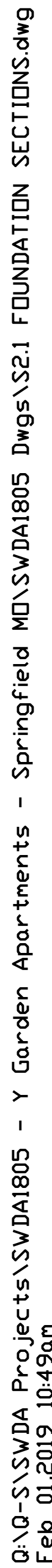
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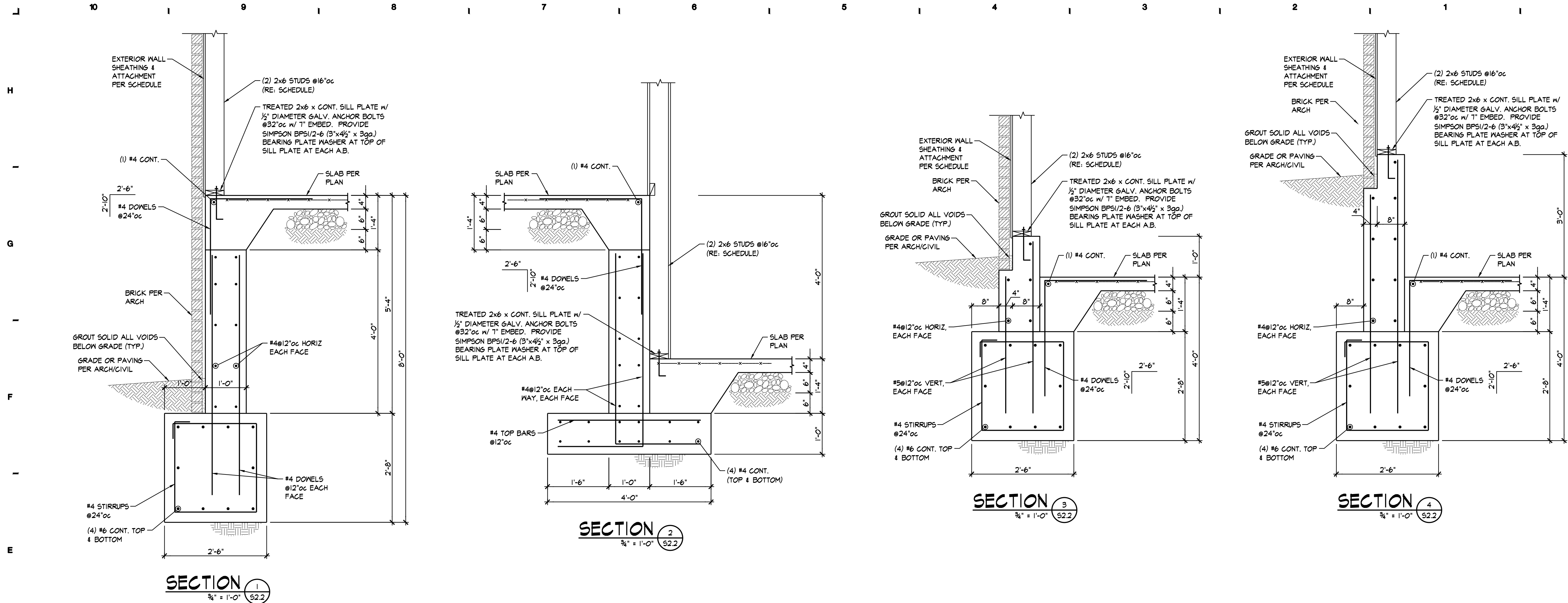
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FOUNDATION
SECTIONS

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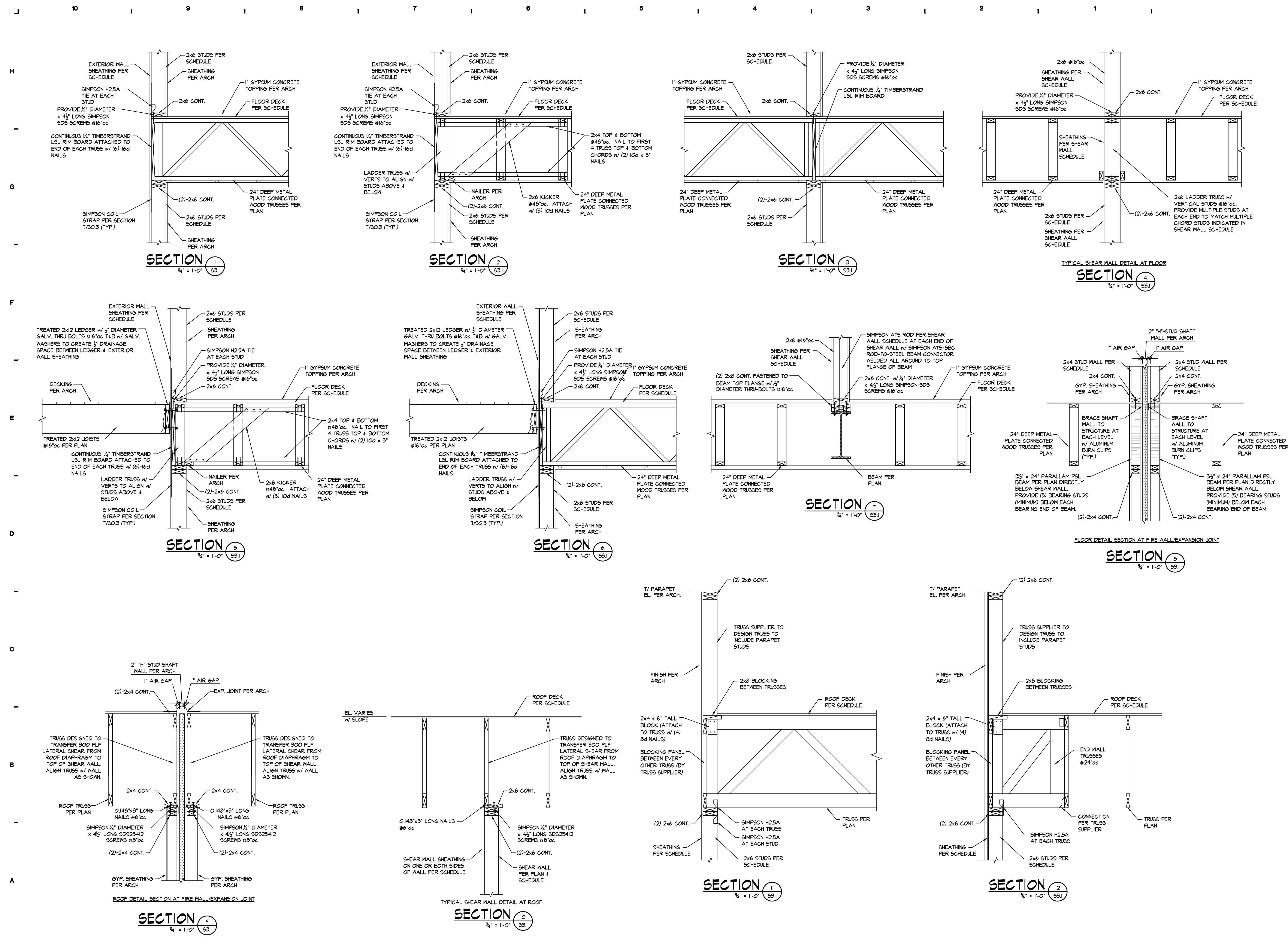
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CHRISTOPHER W. BOOS

REGISTERED PROFESSIONAL ENGINEER

NUMBER PE-2008023332

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SECTIONS

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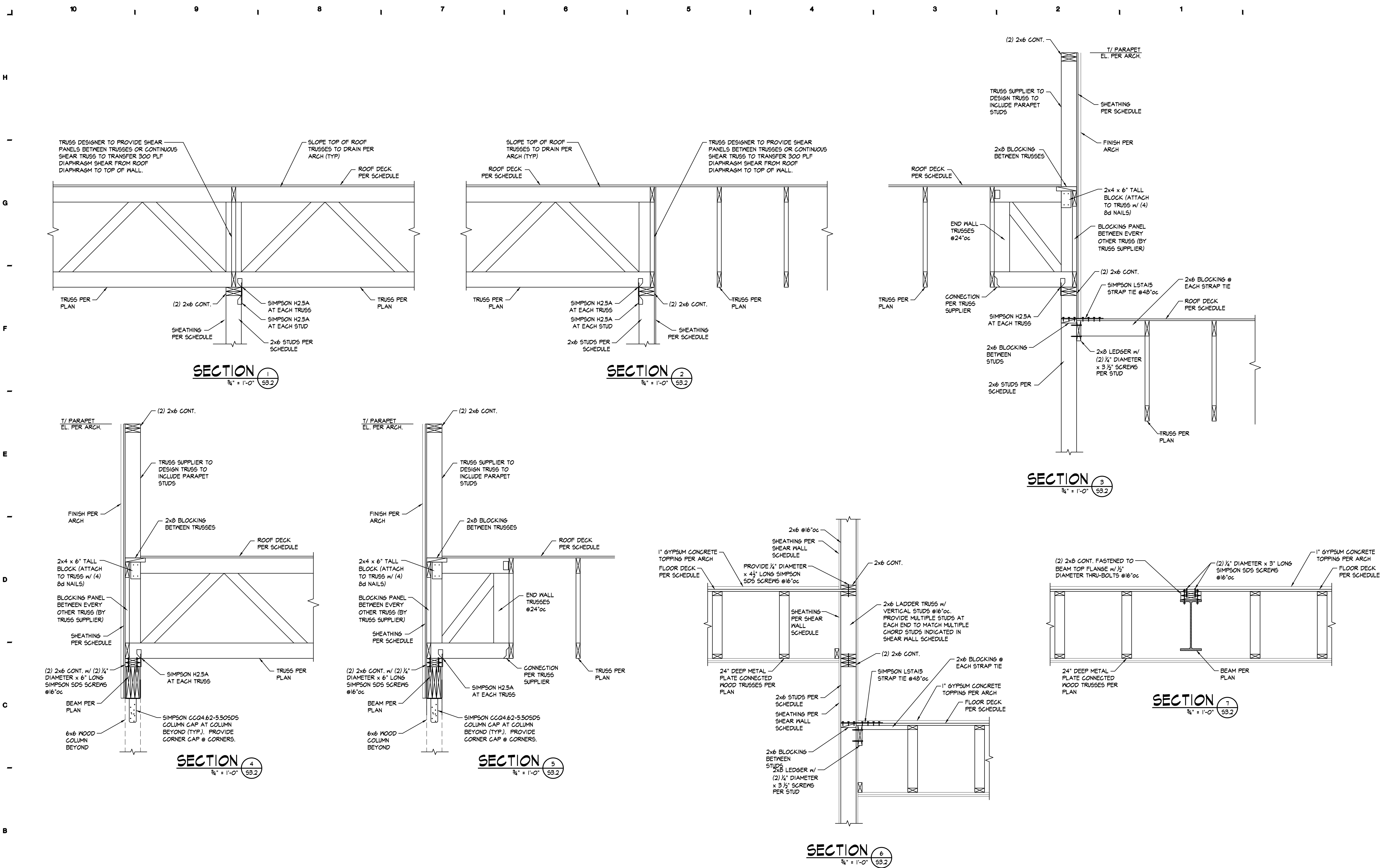
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PROFESSIONAL ENGINEER

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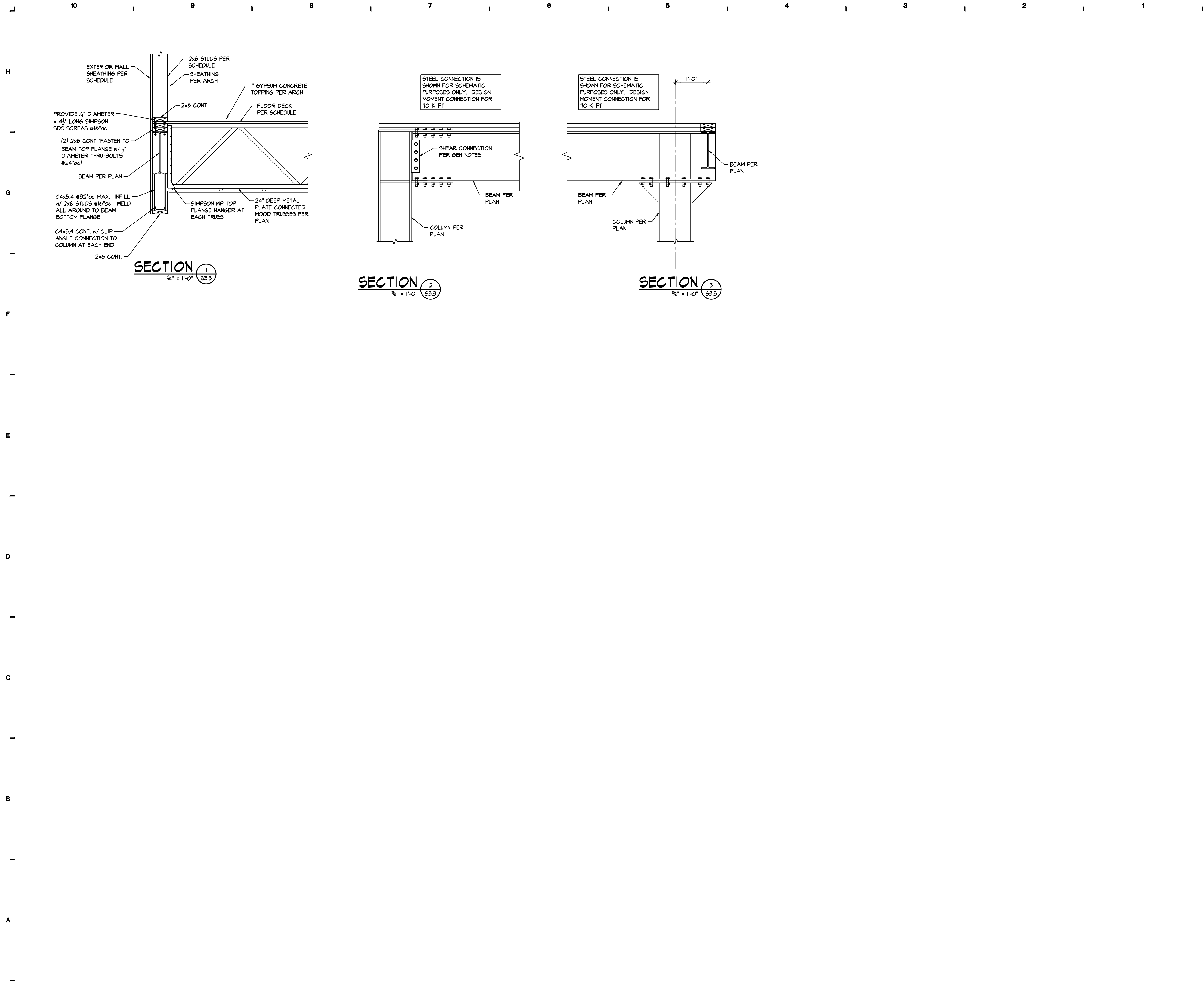
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SYMBOLS

PIPING

	DIRECTION OF FLOW
	UNION
	FLANGE CONNECTION
	CAP
	ELBOW UP
	ELBOW DOWN
	TEE UP
	TEE DOWN
	PIPE REDUCER
	PIPE GUIDE
	PIPE ANCHOR
	EXPANSION JOINT
	SHUT-OFF VALVE
	CHECK VALVE
	BALANCING VALVE WITH PRESSURE PORTS
	TRIPLE DUTY VALVE
	STRAINER
	STRAINER WITH BLOWOFF
	RELIEF/SAFETY VALVE
	MANUAL AIR VENT
	SOLENOID VALVE
	THREE-WAY CONTROL VALVE
	TWO-WAY CONTROL VALVE
	PRESSURE REDUCING VALVE
	PRESSURE GAUGE
	THERMOMETER
	GAS REGULATOR
	BACKFLOW PREVENTER
	AIR OUTLET
	OXYGEN OUTLET
	VACUUM OUTLET
	NITROGEN OUTLET
	NITROUS OXIDE OUTLET
	FLOOR SINK
	FLOOR DRAIN
	ROOF DRAIN
	HOSE BIBB
	FLOOR/GRADE CLEANOUT
	WALL CLEANOUT
	END OF LINE CLEANOUT

PLUMBING

	WASTE LINE-ABOVE GRADE
	GREASE WASTE LINE-ABOVE GRADE
	WASTE LINE-BELOW GRADE
	VENT LINE
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	DOMESTIC TEMPERED HOT WATER
	DOMESTIC HOT WATER RECIRC.
	140 DEGREE DOMESTIC HOT WATER
	VENT THROUGH ROOF NOTE

FIRE PROTECTION

	SPRINKLER HEAD (PENDANT)
	SPRINKLER HEAD (SIDEWALL)
	SPRINKLER HEAD (UPRIGHT)
	FIRE PROTECTION PIPING
	SIAMESE CONNECTION

DUCTWORK

	EQUIPMENT TYPE AND NUMBER
	PUMP
	LINEAR SLOT DIFFUSER
	FLEXIBLE DUCT
	NEGATIVE PRESSURE AIR DUCT UP
	NEGATIVE PRESSURE AIR DUCT DOWN
	POSITIVE PRESSURE AIR DUCT UP
	POSITIVE PRESSURE AIR DUCT DOWN
	DUCT RISE OR DROP IN THE DIRECTION OF AIRFLOW
	SQUARE TO ROUND TRANSITION
	ROUND DUCT UP, DOWN
	ELBOW WITH TURNING VANES
	FLEXIBLE CONNECTION
	MANUAL BALANCE DAMPER
	MOTORIZED CONTROL DAMPER
	FIRE DAMPER
	SMOKE DAMPER
	FIRE/SMOKE DAMPER
	SPIN-IN BRANCH DUCT CONNECTOR-WITH DAMPER IF SHOWN
	HIGH EFFICIENCY BRANCH DUCT CONNECTOR-WITH DAMPER IF SHOWN
	SUPPLY AIR DIFFUSER
	DUCT MOUNTED GRILLE/WALL GRILLE
	RETURN GRILLE
	NOISE REDUCING RETURN AIR TRANSFER SUPPLY DIFFUSER - THREE-WAY THROW
	DIFFUSER, GRILLE, OR REGISTER TYPE
	CFM
	CONNECTION SIZE

TEMPERATURE CONTROLS

	TEMPERATURE SENSOR/THERMOSTAT SERVING AHU
	HUMIDITY SENSOR/HUMIDISTAT
	REMOTE TEMPERATURE SENSOR
	REMOTE HUMIDITY SENSOR
	CARBON DIOXIDE SENSOR
	OCCUPANCY SENSOR
	CARBON MONOXIDE SENSOR
	STATIC PRESSURE SENSOR
	DIFFERENTIAL PRESSURE TRANSMITTER
	FLOW METER

LIGHTING

	LIGHT TRACK WITH LIGHT TYPES AS INDICATED
	WALL WASHER LIGHTING FIXTURE, ARROW INDICATES DIRECTION
	FLUORESCENT FIXTURE AND TYPE
	EMERGENCY LIGHT FIXTURE
	NIGHT LIGHT FIXTURE
	LIGHT FIXTURE AND TYPE
	EMERGENCY LIGHT FIXTURE
	WALL MOUNTED FIXTURE
	WALL SCONCE
	WALL MOUNTED FIXTURE
	POLE MOUNTED LIGHT (NUMBER OF HEADS AS SHOWN)
	IN-GROUND LIGHT FIXTURE
	BOLLARD LIGHT FIXTURE
	EXIT LIGHT C.L.G. MNTD. (S.G.L. FACE)
	EXIT LIGHT C.L.G. MNTD. (DBL. FACE)
	EXIT LIGHT WALL MNTD. (S.G.L. FACE)
	EXIT/EMERGENCY LIGHT
	EMERGENCY LIGHT
	CEILING FAN

POWER EQUIPMENT

	ELECTRICAL DISTRIBUTION PANEL, SWITCHBOARD, OR MOTOR CONTROL
	PANEL BOARD
	LOAD CENTER
	METER
	J-BOX
	MOTOR
	DISCONNECT SWITCH
	COMBINATION DISCONNECT SWITCH AND MOTOR STARTER
	MAGNETIC MOTOR STARTER, NEMA SIZE AS NOTED
	BELL
	HOME RUN
	CONCEALED CONDUIT
	CONDUIT BELOW SLAB
	ONE HOT, ONE NEUTRAL, AND ONE GROUND IN CONCEALED CONDUIT (#12 in 1/2" c. UNO.)
	#14'S (WIRE NUMBER INDICATED)
	#16'S (WIRE NUMBER INDICATED)
	EXPOSED CONDUIT
	CONDUIT TURNING DOWN
	CONDUIT TURNING UP

WIRING DEVICES & OUTLETS

	SIMPLEX RECEPTACLE
	DUPLEX RECEPTACLE
	GROUND FAULT INTERRUPTER
	WEATHERPROOF DUPLEX RECEPTACLE
	QUAD RECEPTACLE
	HEAVY DUTY RECEPTACLE-NEMA TYPE AS NOTED
	FLOOR MOUNTED DEVICE
	CEILING MOUNTED DEVICE
	ISOLATED GROUND DUPLEX RECEPTACLE
	ISOLATED GROUND QUAD RECEPTACLE
	WALL MOUNTED PHONE
	CENTER OF DEVICE AT 48" A.F.F.
	DEVICE ON EMERGENCY POWER
	DATA OUTLET
	TELEPHONE/DATA OUTLET
	CABLE T.V. OUTLET
	CABLE TRAY
	SURFACE RACEWAY
	SWITCH, SPST UNO.
	SWITCH, DPST
	FUSESTAT
	3-WAY SWITCH
	4-WAY SWITCH
	DIMMER SWITCH
	JAMB SWITCH
	MOTOR RATED SWITCH
	SWITCH WITH WEATHERPROOF COVER
	KEYED SWITCH
	TIME SWITCH
	PUSH BUTTON
	PHOTOCELL SWITCH
	CEILING OCCUPANCY SENSOR
	ROOM CONTROLLER
	EMERGENCY CONTROL UNIT

FIRE ALARM

	FIRE ALARM CONTROL PANEL
	ANNUNCIATOR PANEL
	FIRE ALARM POWER EXTENDER
	FULL STATION
	KNOX BOX
	CONTROL RELAY
	SIGNAL ZONE ADDRESSABLE MODULE
	CONTROL ZONE ADDRESSABLE MODULE
	MONITOR ZONE ADDRESSABLE MODULE
	SINGLE STATION SMOKE DETECTOR
	SMOKE DETECTOR (SUP. RELAY BASE)
	SYSTEM SMOKE DETECTOR
	BEAM DETECTOR
	HEAT/THERMAL DETECTOR
	DUCT SMOKE DETECTOR
	INDIVIDUAL ADDRESSABLE MONITOR
	MAGNETIC DOOR HOLD
	HORN/STROBE
	STROBE
	SPEAKER
	HORN
	VALVE TAMPER SWITCH
	FLOW SWITCH
	END OF LINE RESISTOR
	POST INDICATING VALVE
	FIRE ALARM BELL
	FIREMAN'S PHONE JACK
	SECURITY GUARD FOR DEVICE SHOWN
	COMBINATION SMOKE DETECTOR/CARBON MONOXIDE DETECTOR

NURSE CALL

	NURSE CALL MASTER STATION
	NURSE CALL BEDSIDE STATION-SINGLE PATIENT
	NURSE CALL BEDSIDE STATION-DOUBLE PATIENT
	PATIENT EMERGENCY PULL CORD STATION
	PATIENT BED INTERFACE-37 PIN CONNECTOR
	DUTY STATION
	STAFF STATION
	DOME LIGHT
	ZONE DOME LIGHT
	CODE BLUE PUSHBUTTON STATION
	EMERGENCY STAFF STATION

COMMUNICATIONS

	SPEAKER HORN-PROJECTION TYPE
	SPEAKER
	VOLUME CONTROL
	MICROPHONE JACK
	COMBINATION SPEAKER/CLOCK
	SYSTEM CLOCK
	ELAPSED TIME CLOCK
	INTERCOM
	POWER SUPPLY
	AMPLIFIER

SECURITY

	CLOSED CIRCUIT TELEVISION CAMERA
	ELECTRIC DOOR LOCK
	DOOR MONITOR
	CARD READER
	GLASS BREAK
	REQUEST TO EXIT BUTTON
	SECURITY MONITOR
	PANIC BUTTON (D=DESK, W=WALL, F=FLOOR)
	KEY PAD

ABBREVIATIONS

A	AMPS, AIR (COMPRESSED)	O	OXYGEN
A/C	AIR CONDITIONING	OA	OUTSIDE AIR
AF	AMPERE FUSE	OC	ON CENTER
AFG	AREA FOR EVACUATION ASSISTANCE	OD	OUTSIDE DIAMETER
AFF	ABOVE FINISHED FLOOR	OF	OWNER FURNISHED, CONTRACTOR INSTALLED
AFS	ABOVE FINISHED GRADE	OFCL	OVERFLOW ROOF DRAIN
AHU	AIR HANDLING UNIT	PA	PIPE ANCHOR
AL	ALUMINUM	PCMR	PRIMARY CHILLED WATER RETURN
APD	AIR PRESSURE DROP	PCAS	PRIMARY CHILLED WATER SUPPLY
ATS	AUTOMATIC TRANSFER SWITCH	PCR	PUMPED CONDENSATE RETURN
AV	ACID VENT	PD	PRESSURE DROP (FEET OF WATER)
AW	ACID WASTE	PHAGE	PHAGE
AWG	AMERICAN WIRE GAUGE	PHMR	PRIMARY HEATING WATER RETURN
BCU	BLOWER COIL UNIT	PHMG	PRIMARY HEATING WATER SUPPLY
BFP	BACKFLOW PREVENTER	PNL	PANEL
BHP	BRAKE HORSEPOWER	PRV	PRESSURE REDUCING VALVE
BIF	BELOW FINISHED FLOOR	PS	PULGE START
BOD	BOTTOM OF DUCT	PSI	POUNDS PER SQUARE INCH
BOP	BOTTOM OF PIPE	PSIA	POUNDS PER SQUARE INCH-ABSOLUTE
BOS	BOTTOM OF STRUCTURE	PSIG	POUNDS PER SQUARE INCH-GAUGE
BTUH	BRITISH THERMAL UNITS PER HOUR	PT	POTENTIAL TRANSFORMER
C	CONDUIT	QTY	QUANTITY
CT	CURRENT TRANSFORMER	R	REFRIGERANT
CTV	CABLE TELEVISION SYSTEM	RA	RETURN AIR
CAV	CONSTANT AIR VOLUME	RCP	REINFORCED CONCRETE PIPE
CCTV	CLOSED CIRCUIT TELEVISION	RD	ROOF DRAIN
CP	CONTRACTOR FURNISHED, CONTRACTOR INSTALLED	REV	REVISION
CFM	CUBIC FEET PER HOUR	RH	RELATIVE HUMIDITY
CFM	CUBIC FEET PER MINUTE	RLA	RUNNING LOAD AMPS
CH	CHILLER	RPM	REVOLUTIONS PER MINUTE
CO	CONDUIT, CARBON MONOXIDE	RTU	ROOF TOP UNIT
CO2	CARBON DIOXIDE	S	SINK, STEAM
CTR	COOLING TOWER	SA	SANITARY AIR
CTS	COOLING TOWER RETURN	SAN	SANITARY SEWER
CU	COPPER, CONDENSING UNIT	SCMR	SECONDARY CHILLED WATER RETURN
CUH	CABINET UNIT HEATER	SCNS	SECONDARY CHILLED WATER SUPPLY
CW	COLD WATER	SD	SMOKE DAMPER, STORM DRAIN
CNR	CHILLED WATER RETURN	SF	SQUARE FEET
CMS	CHILLED WATER SUPPLY	SHMR	SECONDARY HEATING WATER RETURN
D	DRAIN	SHMS	SECONDARY HEATING WATER SUPPLY
DDG	DIRECT DIGITAL CONTROL	SP	STATIC PRESSURE
DFU	DRAINAGE FIXTURE UNITS	SPST	SINGLE-POLE SINGLE-THROW
DN	DOWN	SS	STAINLESS STEEL
DPDT	DOUBLE-POLE, DOUBLE-THROW	ST	STORM DRAIN, SOUND TRAP, STEAM TRAP
DPST	DOUBLE-POLE, SINGLE-THROW	STM	SOUND TRANSMISSION CLASS
DX	DIRECT EXPANSION	SN	SOFT WATER
E	EMERGENCY	SNBD	SWITCHBOARD
EA	EXHAUST AIR	T	TEMPERED WATER
EAT	ENTERING AIR TEMPERATURE	TG	TEMPERATURE GAUGE
ELC	ELECTRICAL CONTRACTOR	TDH	TOTAL DYNAMIC HEAD
EDB	ENTERING DRY BULB	TSP	TOTAL STATIC PRESSURE
EFJ	EXHAUST FAN	TSTAT	THERMOSTAT
ESFR	EARLY SUPPRESSION FAST RESPONSE	TU	TERMINAL UNIT
ESP	EXTERNAL STATIC PRESSURE	UF	UNDER FLOOR
ETR	EXISTING TO REMAIN	UG	UNDER GROUND
EWB	ENTERING WET BULB	UH	UNIT HEATER
EMC	ELECTRIC WATER COOLER	UL	UNDERWRITERS LABORATORIES, INC.
FAA	FIRE ALARM ANNUNCIATOR	UNO	UNLESS NOTED OTHERWISE
FACP	FIRE ALARM CONTROL PANEL	UPS	UNINTERRUPTIBLE POWER SUPPLY
FBO	FURNISHED BY OTHERS	V	VACUUM
FCO	FLOOR CLEANOUT	VAC	VOLTS ALTERNATING CURRENT
FCU	FAN COIL UNIT	VAV	VARIABLE AIR VOLUME
FD	FIRE DAMPER, FLOOR DRAIN	VCP	VITRIFIED CLAY PIPE
FE	FINISHED FLOOR	VD	VOLUME DAMPER
FGCO	FINISHED GRADE CLEANOUT	VFD	VARIABLE FREQUENCY DRIVE
FL	FLOW LINE	VTR	VENT THROUGH ROOF
FLA	FULL LOAD AMPS	W	WATER SERVICE, WATTS
FG	FIRE PROTECTION CONTRACTOR	WB	WET BULB
FTU	FAN TERMINAL UNIT	WCO	WALL CLEANOUT
FVNR	FULL VOLTAGE, NON-REVERSING	WC	WATER COLUMN, WATER CLOSET
G	NATURAL GAS	WH	WALL HYDRANT
G/C	GENERAL CONTRACTOR	WPD	WATER PRESSURE DROP
GFI	GROUND FAULT INTERRUPTER	WP	WEATHERPROOF
GND	GROUND	WT	WATERTIGHT, WEIGHT
GN	GALLONS PER HOUR	XFMR	TRANSFORMER
GPM	GALLONS PER MINUTE	XP	EXPLOSION-PROOF
GW	GREASE WASTE		
HB	HOSE BIBB		
HCR	HOT/CHILLED WATER RETURN		
HCS	HOT/CHILLED WATER SUPPLY		
HD	HEAD, HUB DRAIN		
HOA	HAND-OFF-AUTOMATIC		
HPC	HEAT PUMP		
HPR	HIGH PRESSURE CONDENSATE		
HPS	HEAT PUMP RETURN		
HSTAT	HEATING		
HTG	HEATER		
HTR	HOT WATER RETURN		
HWS	HOT WATER SUPPLY		
ID	INSIDE DIAMETER		
IE	INVERT ELEVATION		
IG	ISOLATED GROUND		
IN, WC	INCHES OF WATER COLUMN		
INC.	INCANDESCENT		
kcmil	1000 CIRCULAR MILS		
KV	KILOVOLT		
KVA	KILOVOLT-AMPS		
KVAR	KILOVOLT-AMPS REACTIVE		
KN	KILOWATT		
KWH	KILOWATT-HOUR		
L	LAVATORY		
LBD	LEAVING AIR TEMPERATURE		
LP	LEAVING DRY BULB		
LP	LINEAR FEET		
LPC	LOW PRESSURE		
LPG	LOW PRESSURE STEAM CONDENSATE		
LPS	LIQUID PETROLEUM GAS (PROPANE)		
LRA	LOCKED ROTOR AMPS		
LMB	LEAVING MET BULB		
LNT	LEAVING WATER TEMPERATURE		
MH	1000 BTU PER HOUR		
MIC	MECHANICAL CONTRACTOR		
MCA	MINIMUM CIRCUIT AMPACITY		
MCC	MOTOR CONTROL CENTER		
MCM	1000 CIRCULAR MILS		
MD	MOTORIZED DAMPER		
MDP	MAIN DISTRIBUTION PANEL		
MAF	MANUFACTURER		
MH	MANHOLE/METAL HALIDE		
MLO	MAIN LUGS ONLY		
MPC	MEDIUM PRESSURE CONDENSATE		
MPS	MEDIUM PRESSURE STEAM		
MS	MOTOR STARTER		
MSB	MAIN SWITCHBOARD		
MTD	MOUNTED		
MAU	MAKE-UP AIR UNIT		
N	NITROGEN		
N/A	NOT APPLICABLE		
NC	NOISE CRITERIA		
NFPH	NON-FREEZE WALL HYDRANT		
NT	NOT IN CONTRACT		
NO	NITROUS OXIDE		
N/O	NORMALLY OPEN, NORMALLY CLOSED		

GENERAL

	HEAVY LINEWEIGHT INDICATES NEW WORK
	CONNECT NEW TO EXISTING
	LIGHT AND SCREENED LINEWEIGHT INDICATES EXISTING-TO-REMAIN
	DARK AND DASHED LINEWEIGHT INDICATES DEMOLITION WHEN SHOWN ON DEMOLITION PLAN OR NOTED
	POINT OF DISCONNECT FROM EXISTING
	CONSTRUCTION NOTE
	REVISION NUMBER
	SECTION CUT THROUGH DRAWING
	AREA OF ENLARGEMENT
	PLAN NUMBER
	SHEET WHERE ENLARGED PLAN IS DRAWN

THIS IS A MASTER LEGEND.
NOT ALL SYMBOLS, ABBREVIATIONS,
ETC., ARE USED ON THE DRAWINGS.

SWD

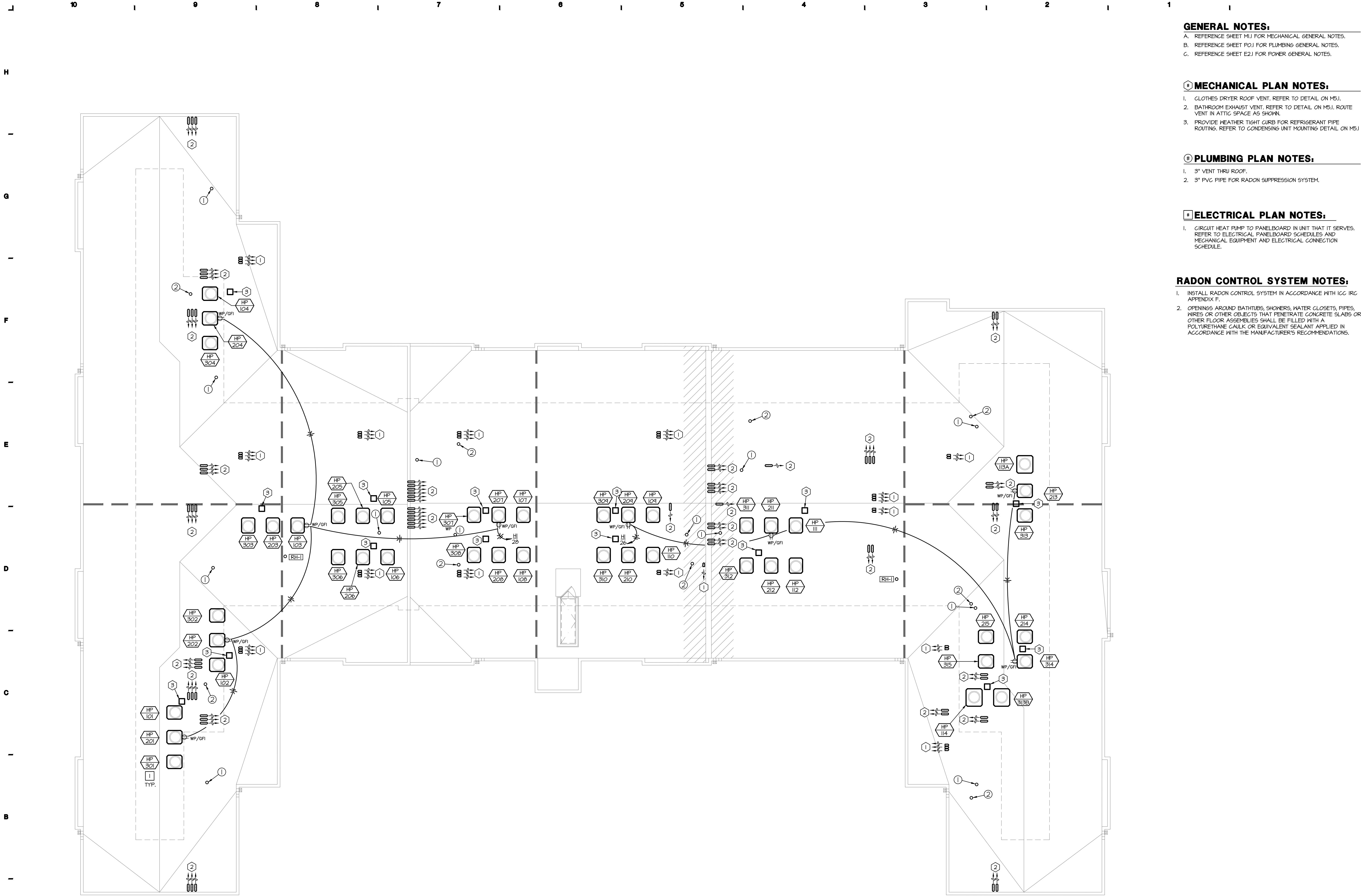
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315 NICHOLS RD., STE 228 - KANSAS CITY, MO 64112 - T 816



GENERAL NOTES:
A. REFERENCE SHEET M1.1 FOR MECHANICAL GENERAL NOTES.
B. REFERENCE SHEET P0.1 FOR PLUMBING GENERAL NOTES.
C. REFERENCE SHEET E2.1 FOR POWER GENERAL NOTES.

MECHANICAL PLAN NOTES:
1. CLOTHES DRYER ROOF VENT. REFER TO DETAIL ON M5.1.
2. BATHROOM EXHAUST VENT. REFER TO DETAIL ON M5.1. ROUTE VENT IN ATTIC SPACE AS SHOWN.
3. PROVIDE WEATHER TIGHT CURB FOR REFRIGERANT PIPE ROUTING. REFER TO CONDENSING UNIT MOUNTING DETAIL ON M5.1.

PLUMBING PLAN NOTES:
1. 3" VENT THRU ROOF.
2. 3" PVC PIPE FOR RADON SUPPRESSION SYSTEM.

ELECTRICAL PLAN NOTES:
1. CIRCUIT HEAT PUMP TO PANELBOARD IN UNIT THAT IT SERVES. REFER TO ELECTRICAL PANELBOARD SCHEDULES AND MECHANICAL EQUIPMENT AND ELECTRICAL CONNECTION SCHEDULE.

RADON CONTROL SYSTEM NOTES:
1. INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ICC IRC APPENDIX F.
2. OPENINGS AROUND BATHTUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS OR OTHER FLOOR ASSEMBLIES SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

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Y GARDENS APARTMENTS
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STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.531.1976 F 816.531.1978

SEAL
ENGINEER - CASEY JOHN STEINER
MO. LICENSE NO. PE-2009035182



MPE ROOF PLAN

ISSUE DATE:
02.04.2019
REVISIONS:

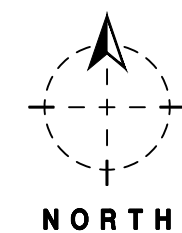
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MPE1.0

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01 MPE ROOF PLAN
SCALE: 1/8" = 1'-0"
NORTH



03

MPE SITE PLAN
SCALE: 1" = 20'-0"

GENERAL NOTES:

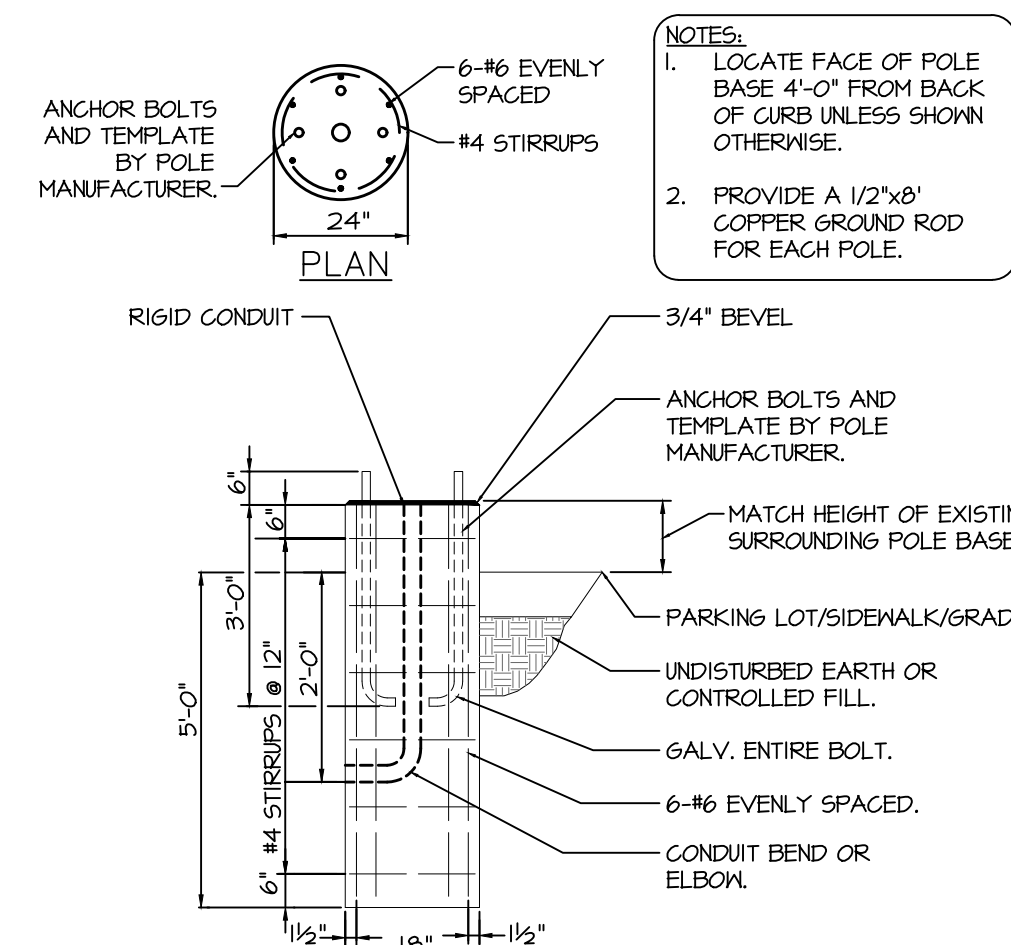
A. REFERENCE SHEET E2.1 FOR POWER GENERAL NOTES.

ELECTRICAL PLAN NOTES:

1. PROVIDE PRIMARY CONDUITS PER UTILITY COMPANY STANDARDS. REFERENCE ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
2. PROVIDE SECONDARY CONDUIT. REFERENCE ELECTRICAL RISER DIAGRAM FOR MORE INFORMATION.
3. PAD MOUNTED UTILITY TRANSFORMER. PROVIDE CONCRETE PAD PER UTILITY COMPANY STANDARDS.
4. METER CENTER. REFERENCE ELECTRICAL RISER DIAGRAM.
5. G.T. CABINET AND HOUSE METER. REFERENCE ELECTRICAL RISER DIAGRAM.
6. HOMERUN WITH (2) #10 & #10 GROUND WIRE IN A 3/4" CONDUIT. ROUTE THROUGH TIME CLOCK AND PHOTOCCELL. REFERENCE EXTERIOR LIGHTING CONTROL SCHEMATIC THIS SHEET.
7. ROUTE (2) #10 AND (1) #10 GROUND WIRE IN 3/4" CONDUIT.
8. EXISTING POLE LIGHT FIXTURE TO REMAIN.
9. EXISTING POLE LIGHT FIXTURE TO BE RELOCATED AS SHOWN. EXTEND CIRCUITRY AS REQUIRED TO NEW LOCATION.

PLUMBING PLAN NOTES:

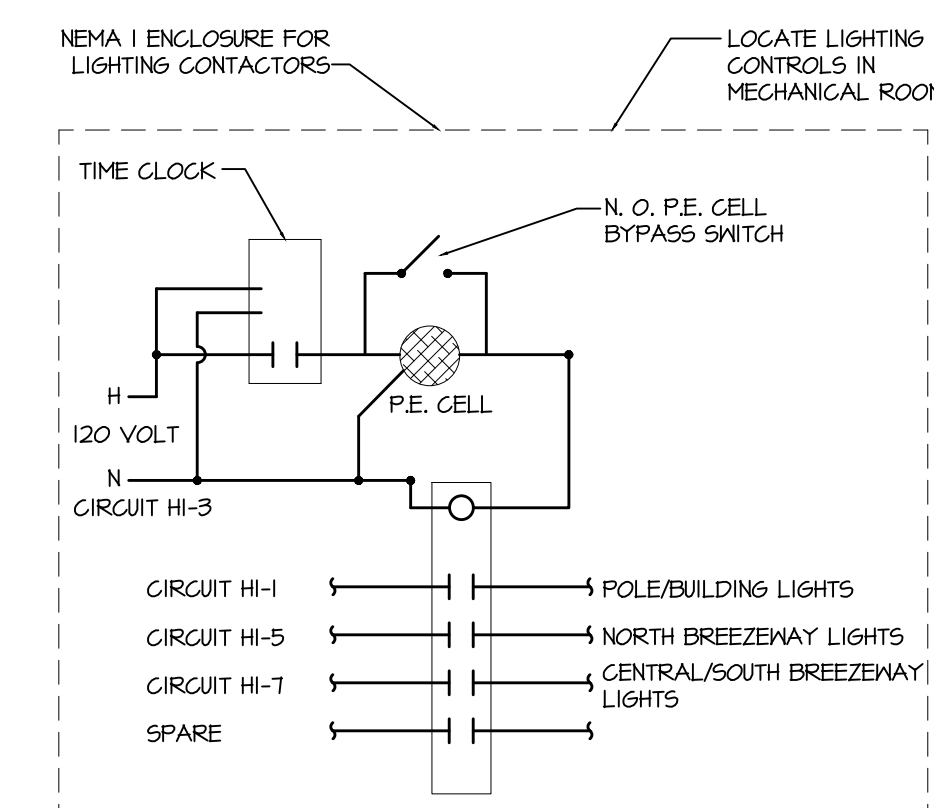
1. NEW 2-1/2" DOMESTIC COLD WATER SERVICE LINE. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
2. NEW 4" FIRE PROTECTION LINE. REFER TO CIVIL DRAWINGS FOR CONTINUATION.
3. NEW 6" SANITARY DRAIN LINE. REFER TO CIVIL DRAWINGS FOR CONTINUATION.



02

POLE BASE DETAIL

SCALE: Not to Scale



01

EXTERIOR LIGHTING CONTROL SCHEMATIC

SCALE: Not to Scale

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MPE SITE PLAN

ISSUE DATE:

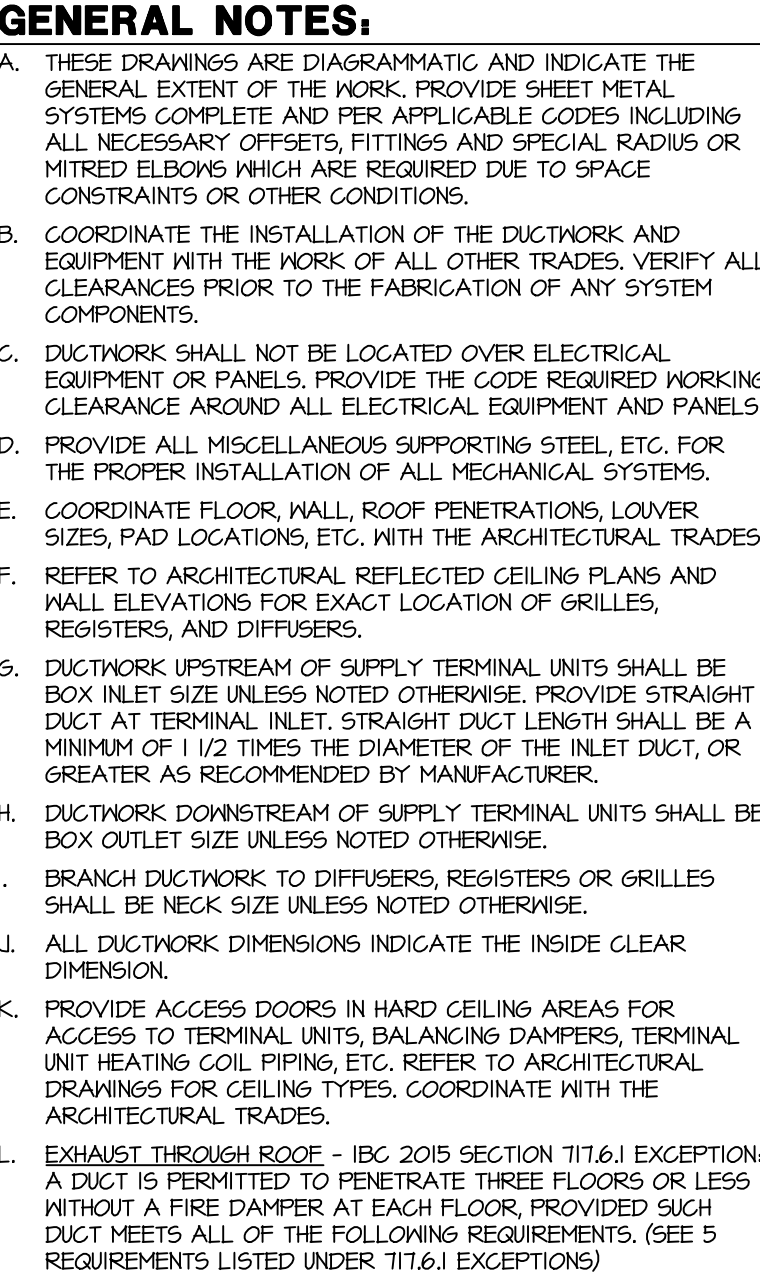
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1. PROVIDE 12 INCH WALL CAP FOR OUTSIDE AIR INTAKE.
2. PROVIDE MOTORIZED DAMPER AND BALANCE OUTSIDE AIR TO 315 CFM. OUTSIDE AIR MOTORIZED DAMPER TO BE INTERLOCKED WITH AIR HANDLING UNIT. DAMPER SHALL OPEN WHEN UNIT IS ENERGIZED AND CLOSE WHEN UNIT IS OFF.
3. PROVIDE 4" EXHAUST FOR FUTURE USE.
4. ROUTE TIGHT TO GYP. CEILING.

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FIRST FLOOR MECHANICAL PLAN

ISSUE DATE:

02.04.2019

REVISIONS:

PROJECT NO.: 1803

M1.1

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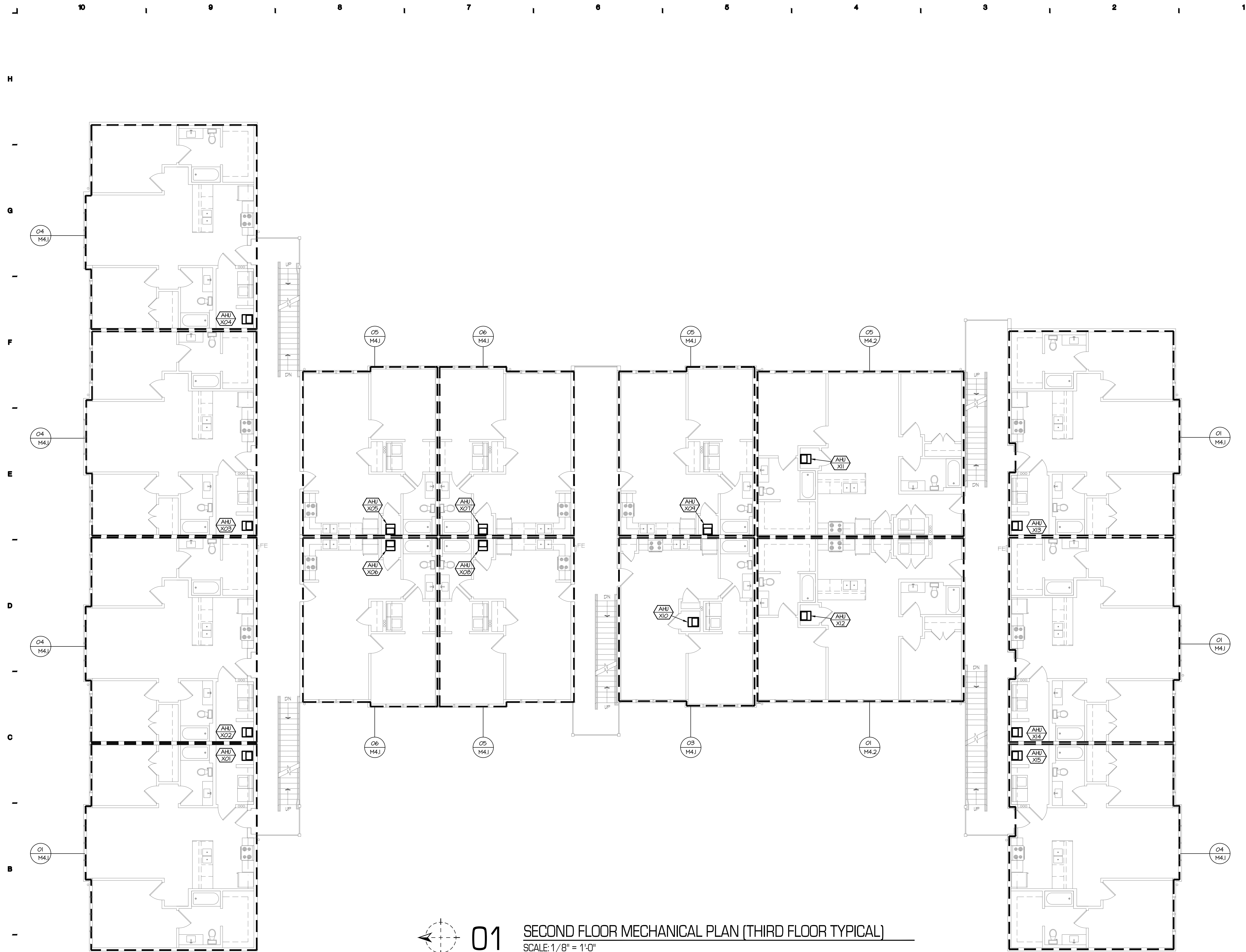


01

FIRST FLOOR MECHANICAL PLAN

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

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01

SECOND FLOOR MECHANICAL PLAN (THIRD FLOOR TYPICAL)

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

GENERAL NOTES:

- THESE DRAWINGS ARE DIAGRAMMATIC AND INDICATE THE GENERAL EXTENT OF THE WORK. PROVIDE SHEET METAL SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL NECESSARY OFFSETS, FITTINGS AND SPECIAL RADIUS OR MITRED ELBOWS WHICH ARE REQUIRED DUE TO SPACE CONSTRAINTS OR OTHER CONDITIONS.
- COORDINATE THE INSTALLATION OF THE DUCTWORK AND EQUIPMENT WITH THE WORK OF ALL OTHER TRADES. VERIFY ALL CLEARANCES PRIOR TO THE FABRICATION OF ANY SYSTEM COMPONENTS.
- DUCTWORK SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT OR PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT AND PANELS.
- PROVIDE ALL MISCELLANEOUS SUPPORTING STEEL, ETC. FOR THE PROPER INSTALLATION OF ALL MECHANICAL SYSTEMS.
- COORDINATE FLOOR, WALL, ROOF PENETRATIONS, LOUVER SIZES, PAD LOCATIONS, ETC. WITH THE ARCHITECTURAL TRADES.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND WALL ELEVATIONS FOR EXACT LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
- DUCTWORK UPSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX INLET SIZE UNLESS NOTED OTHERWISE. PROVIDE STRAIGHT DUCT AT TERMINAL INLET. STRAIGHT DUCT LENGTH SHALL BE A MINIMUM OF 1/2 TIMES THE DIAMETER OF THE INLET DUCT, OR GREATER AS RECOMMENDED BY MANUFACTURER.
- DUCTWORK DOWNSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX OUTLET SIZE UNLESS NOTED OTHERWISE.
- BRANCH DUCTWORK TO DIFFUSERS, REGISTERS OR GRILLES SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.
- ALL DUCTWORK DIMENSIONS INDICATE THE INSIDE CLEAR DIMENSION.
- PROVIDE ACCESS DOORS IN HARD CEILING AREAS FOR ACCESS TO TERMINAL UNITS, BALANCING DAMPERS, TERMINAL UNIT HEATING COIL PIPING, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES. COORDINATE WITH THE ARCHITECTURAL TRADES.
- EXHAUST THROUGH ROOF - IBC 2015 SECTION 717.6.1 EXCEPTION: A DUCT IS PERMITTED TO PENETRATE THREE FLOORS OR LESS WITHOUT A FIRE DAMPER AT EACH FLOOR, PROVIDED SUCH DUCT MEETS ALL OF THE FOLLOWING REQUIREMENTS. (SEE 5 REQUIREMENTS LISTED UNDER 717.6.1 EXCEPTIONS)

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SECOND FLOOR
MECHANICAL PLAN
(THIRD FLOOR TYPICAL)

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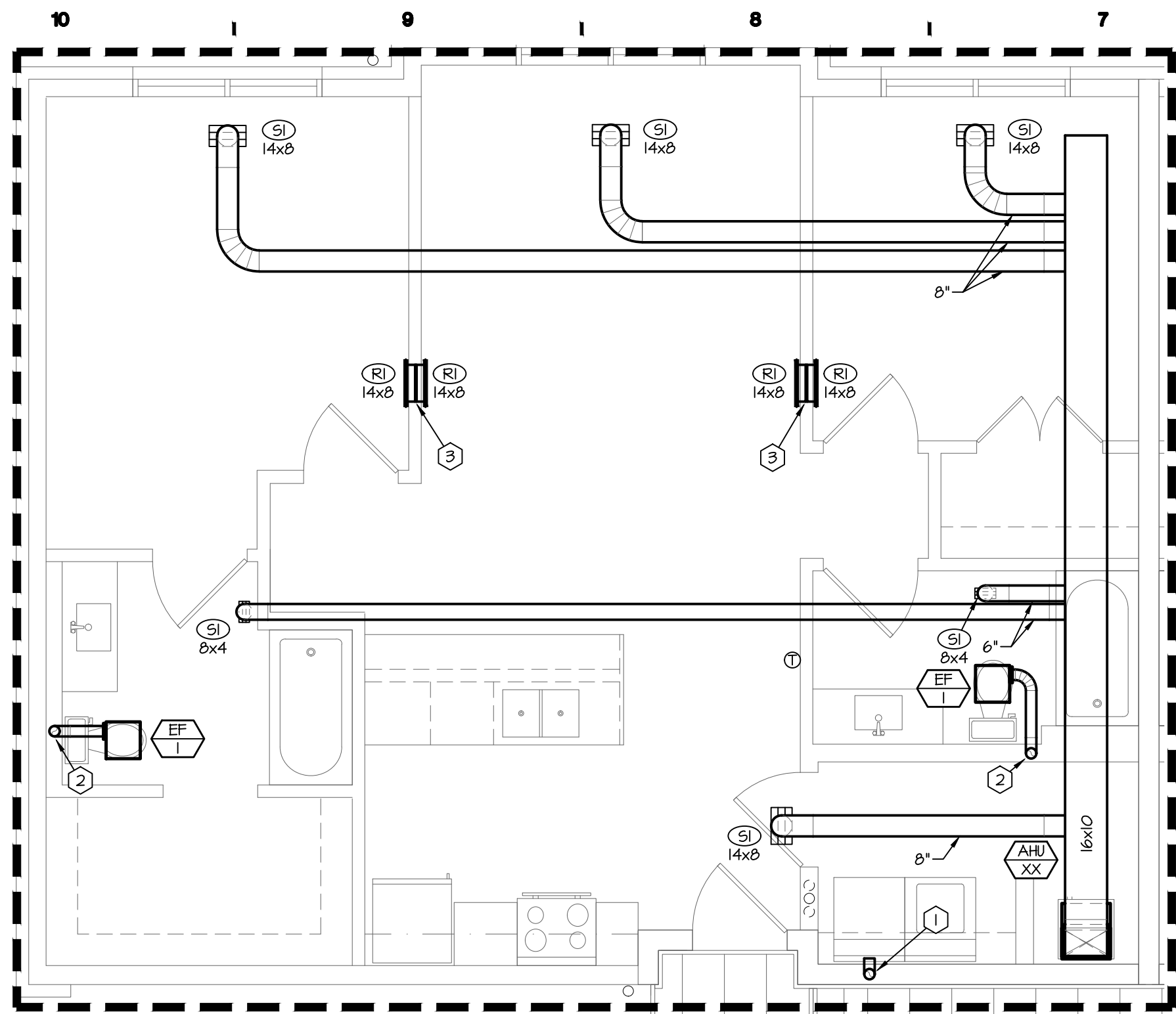
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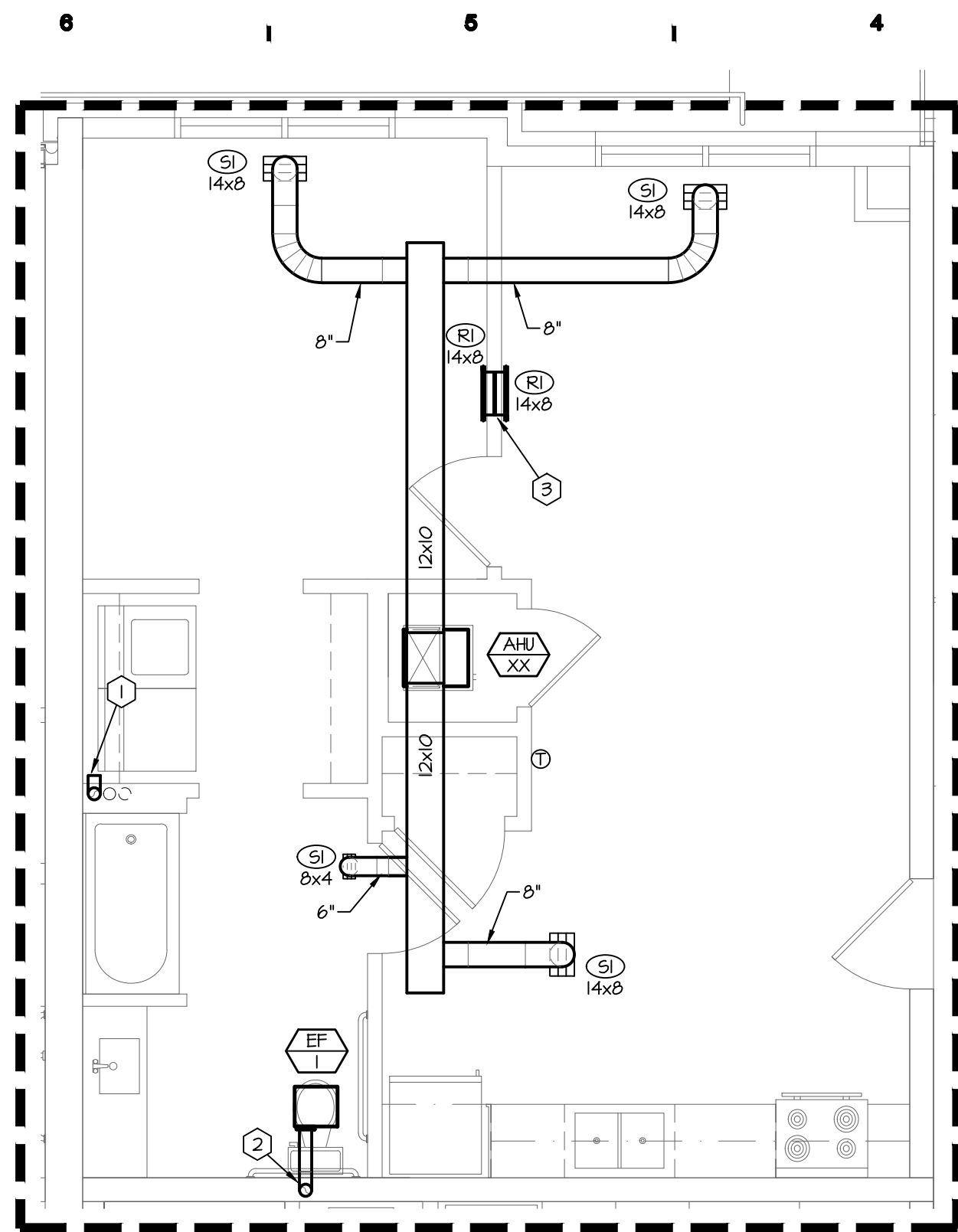
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M1.2

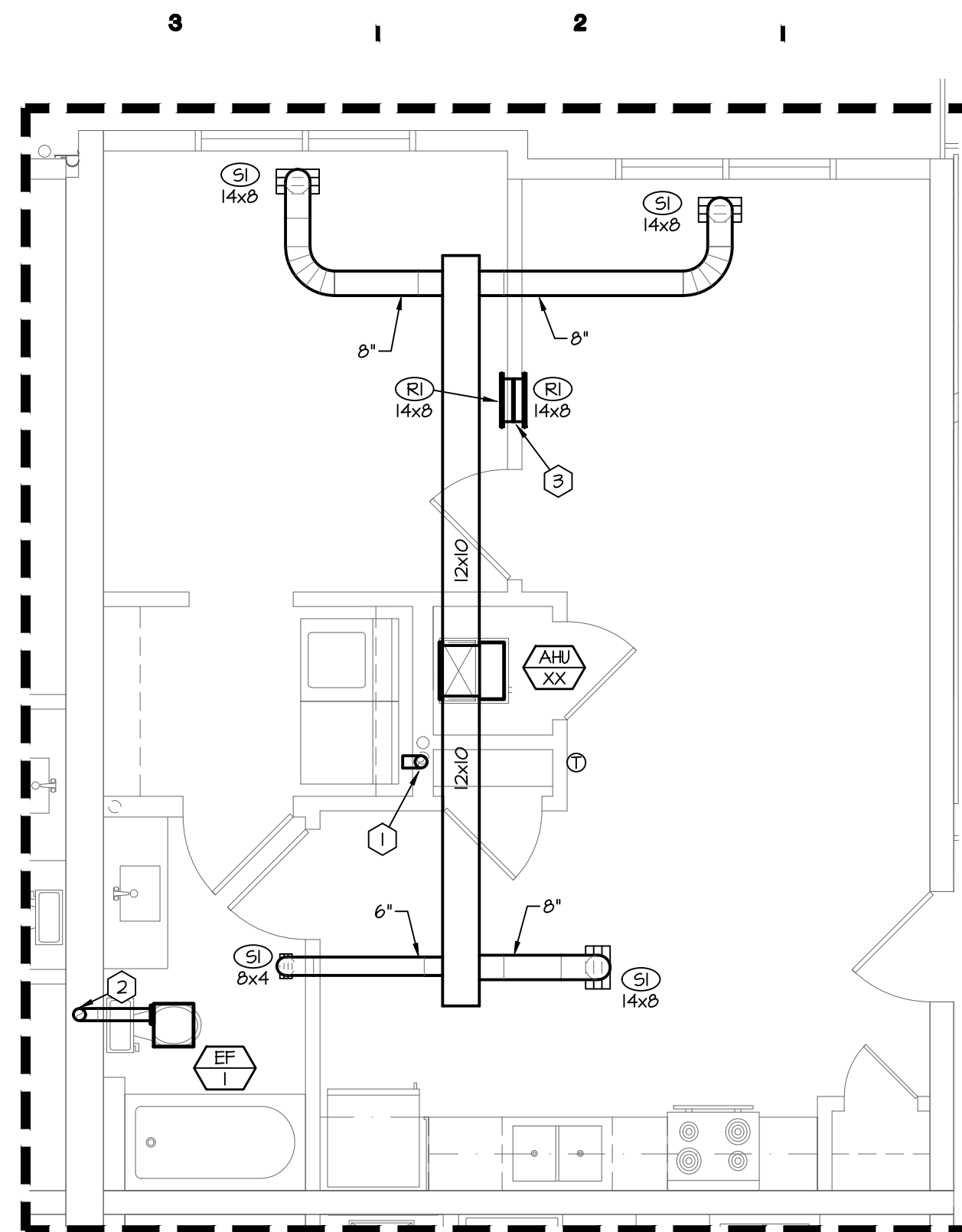
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01 ENLARGED MECHANICAL PLAN (2 BED REV.)
SCALE: 1/4" = 1'-0"



02 ENLARGED MECHANICAL PLAN (1 BED - TYPE A)
SCALE: 1/4" = 1'-0"



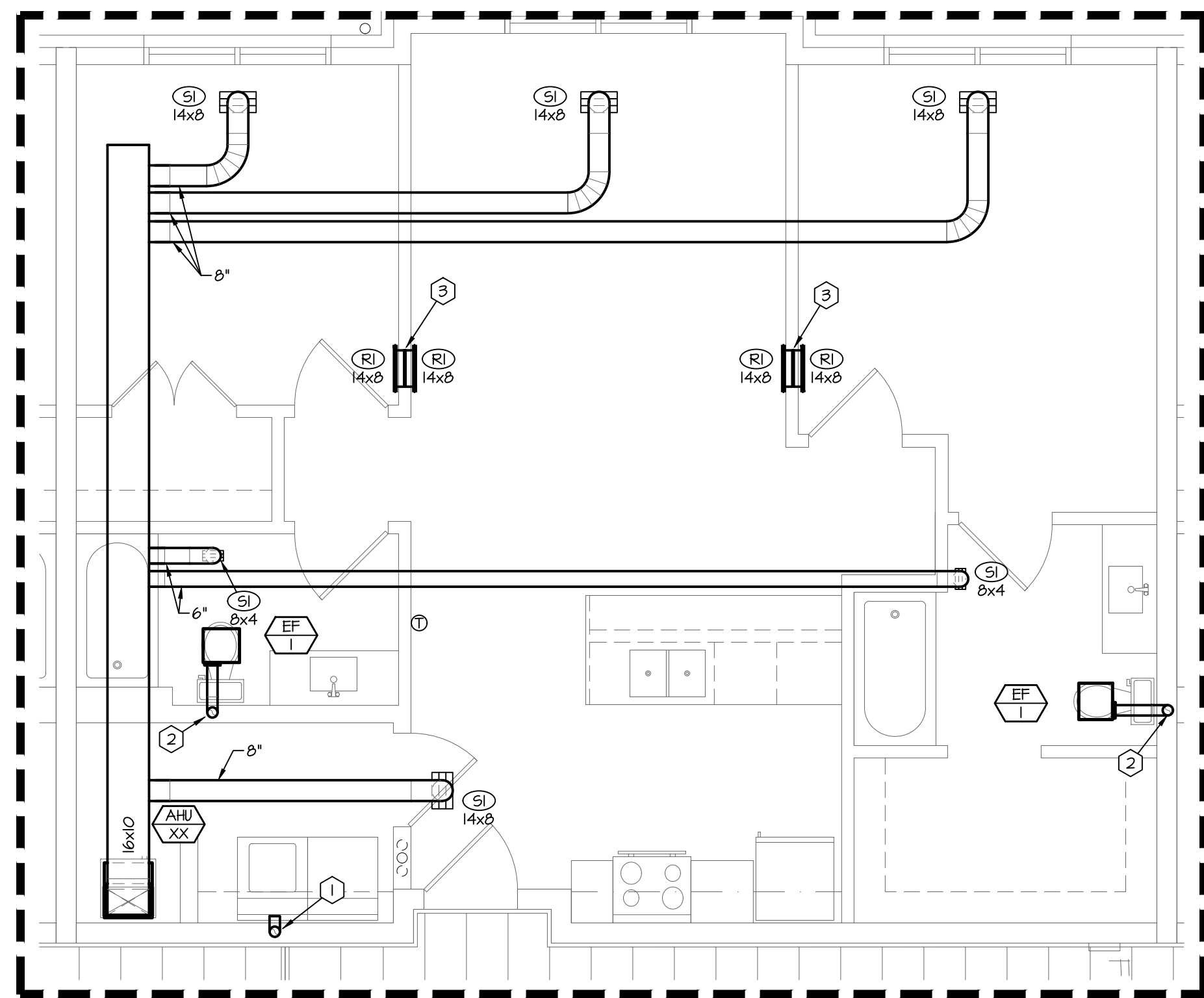
03 ENLARGED MECHANICAL PLAN (1 BED MOD.)
SCALE: 1/4" = 1'-0"

GENERAL NOTES.

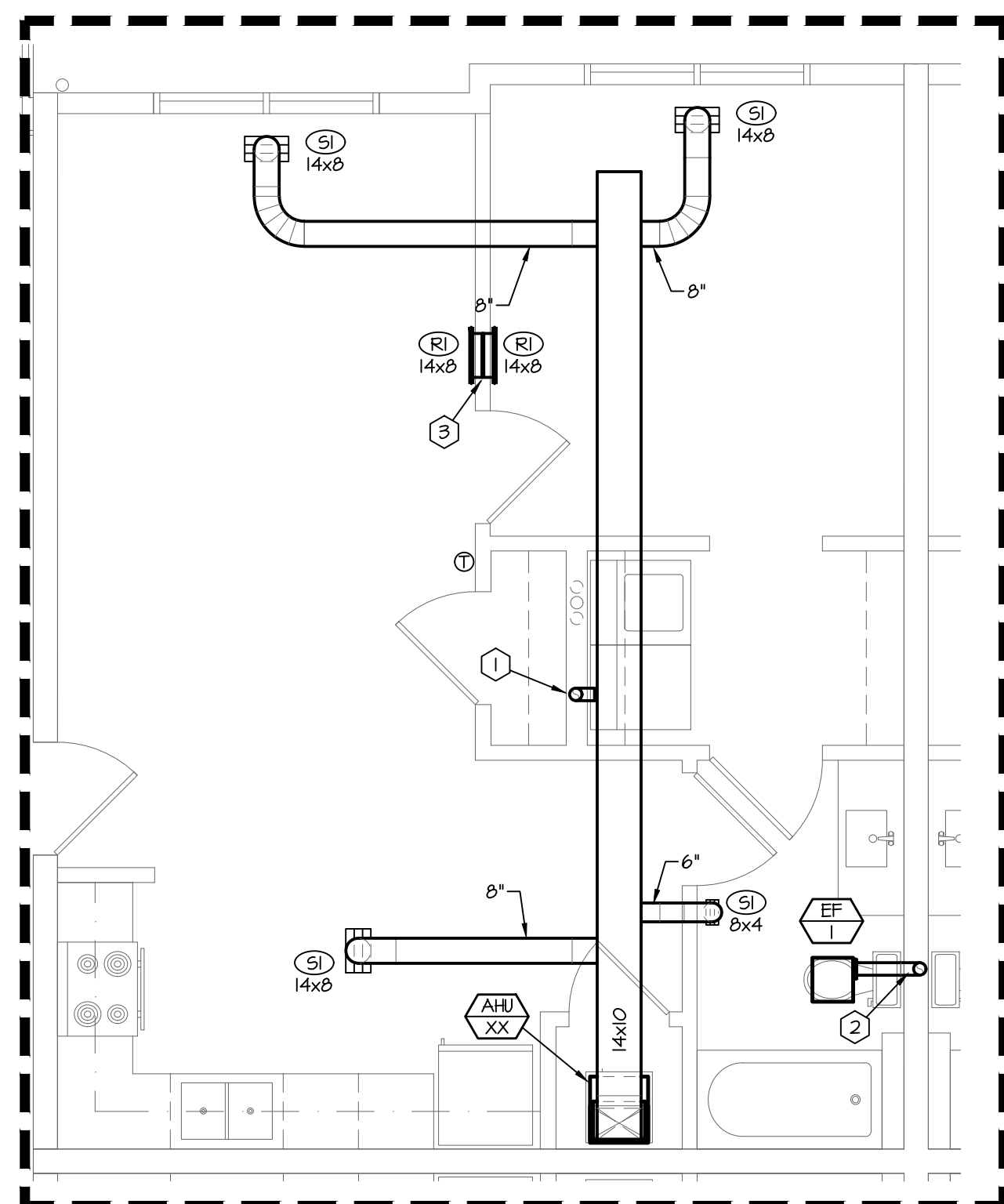
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- COORDINATE THE INSTALLATION OF THE DUCTWORK AND EQUIPMENT WITH THE WORK OF ALL OTHER TRADES. VERIFY ALL CLEARANCES PRIOR TO THE FABRICATION OF ANY SYSTEM COMPONENTS.
- DUCTWORK SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT OR PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT AND PANELS.
- PROVIDE ALL MISCELLANEOUS SUPPORTING STEEL, ETC., FOR THE PROPER INSTALLATION OF ALL MECHANICAL SYSTEMS.
- COORDINATE FLOOR, WALL, ROOF PENETRATIONS, LOUVER SIZES, PAD LOCATIONS, ETC., WITH THE ARCHITECTURAL TRADES.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND WALL ELEVATIONS FOR EXACT LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
- DUCTWORK UPSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX INLET SIZE UNLESS NOTED OTHERWISE. PROVIDE STRAIGHT DUCT AT TERMINAL INLET. STRAIGHT DUCT LENGTH SHALL BE A MINIMUM OF 1 1/2 TIMES THE DIAMETER OF THE INLET DUCT, OR GREATER AS RECOMMENDED BY MANUFACTURER.
- DUCTWORK DOWNSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX OUTLET SIZE UNLESS NOTED OTHERWISE.
- BRANCH DUCTWORK TO DIFFUSERS, REGISTERS OR GRILLES SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.
- ALL DUCTWORK DIMENSIONS INDICATE THE INSIDE CLEAR DIMENSION.
- PROVIDE ACCESS DOORS IN HARD CEILING AREAS FOR ACCESS TO TERMINAL UNITS, BALANCING DAMPERS, TERMINAL UNIT HEATING COIL, PIPING, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES. COORDINATE WITH THE ARCHITECTURAL TRADES.
- EXHAUST THROUGH ROOF - IBC 2015 SECTION 717.6.1 EXCEPTION: A DUCT IS PERMITTED TO PENETRATE THREE FLOORS OR LESS WITHOUT A FIRE DAMPER AT EACH FLOOR, PROVIDED SUCH DUCT MEETS ALL OF THE FOLLOWING REQUIREMENTS. (SEE 5 REQUIREMENTS LISTED UNDER 717.6.1 EXCEPTIONS)

PLAN NOTES:

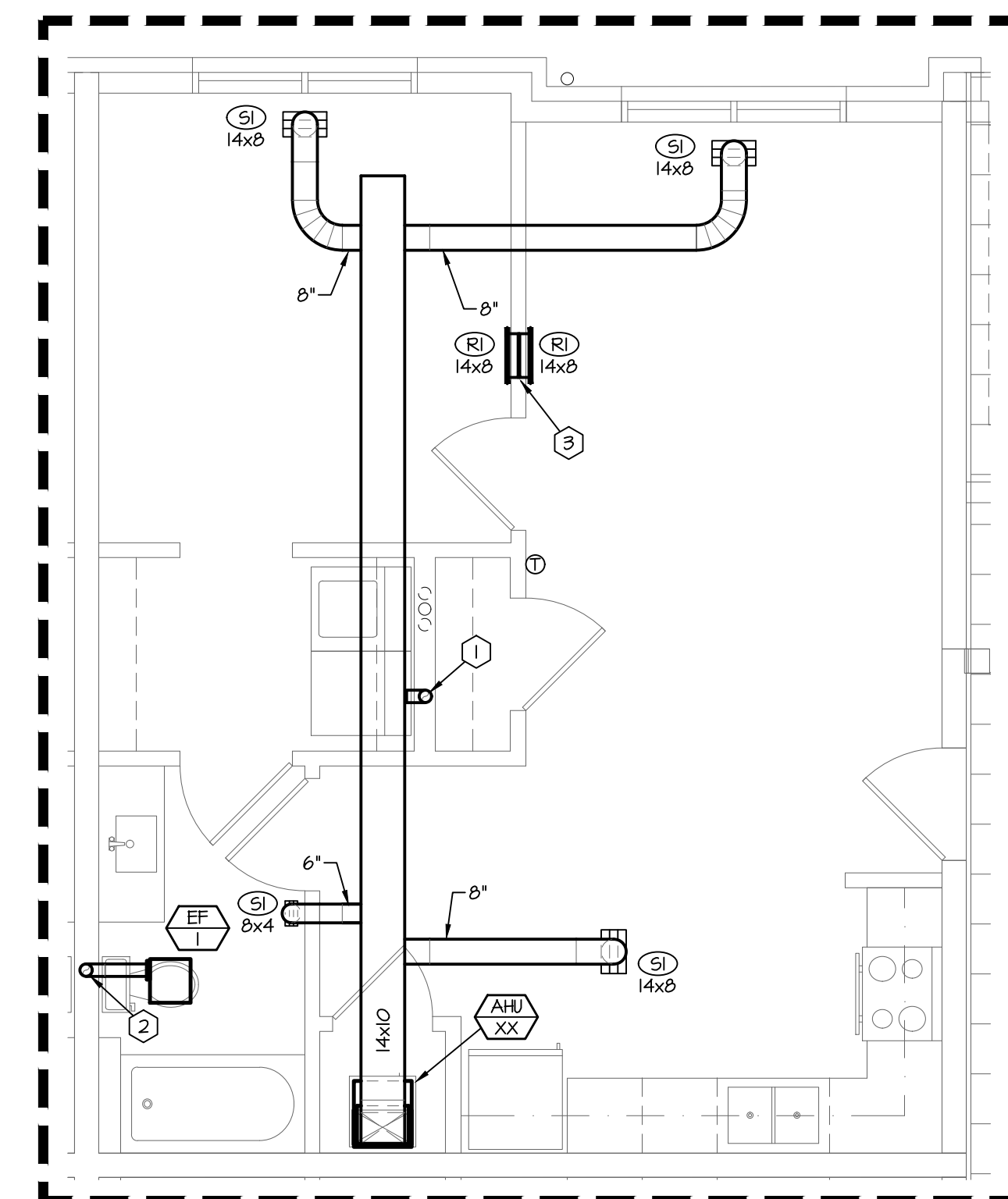
- 4 INCH DRYER VENT UP.
- 4 INCH BATHROOM EXHAUST UP.
- INSTALL RETURN GRILLE HIGH ON WALL IN LIVING SPACE AND LOW ON WALL IN BEDROOM.



04 ENLARGED MECHANICAL PLAN (2 BED)
SCALE: 1/4" = 1'-0"



05 ENLARGED MECHANICAL PLAN (1 BED REV.)
SCALE: 1/4" = 1'-0"



06 ENLARGED MECHANICAL PLAN (1 BED)
SCALE: 1/4" = 1'-0"

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SEAL
ENGINEER - CASEY JOHN STEINER
MO. LICENSE NO. PE-2009035182



02/04/19
ENLARGED
MECHANICAL
PLANS

ISSUE DATE:

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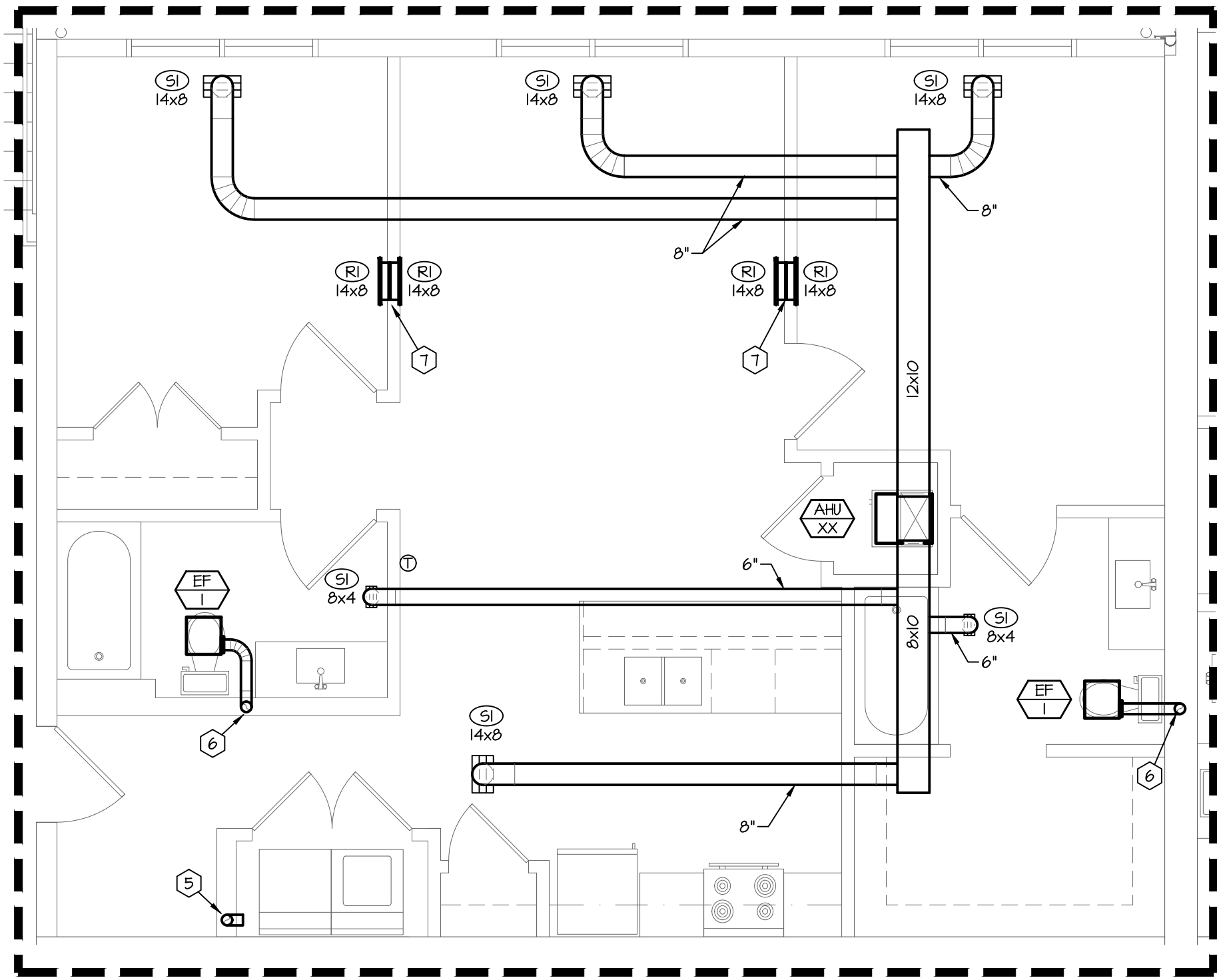
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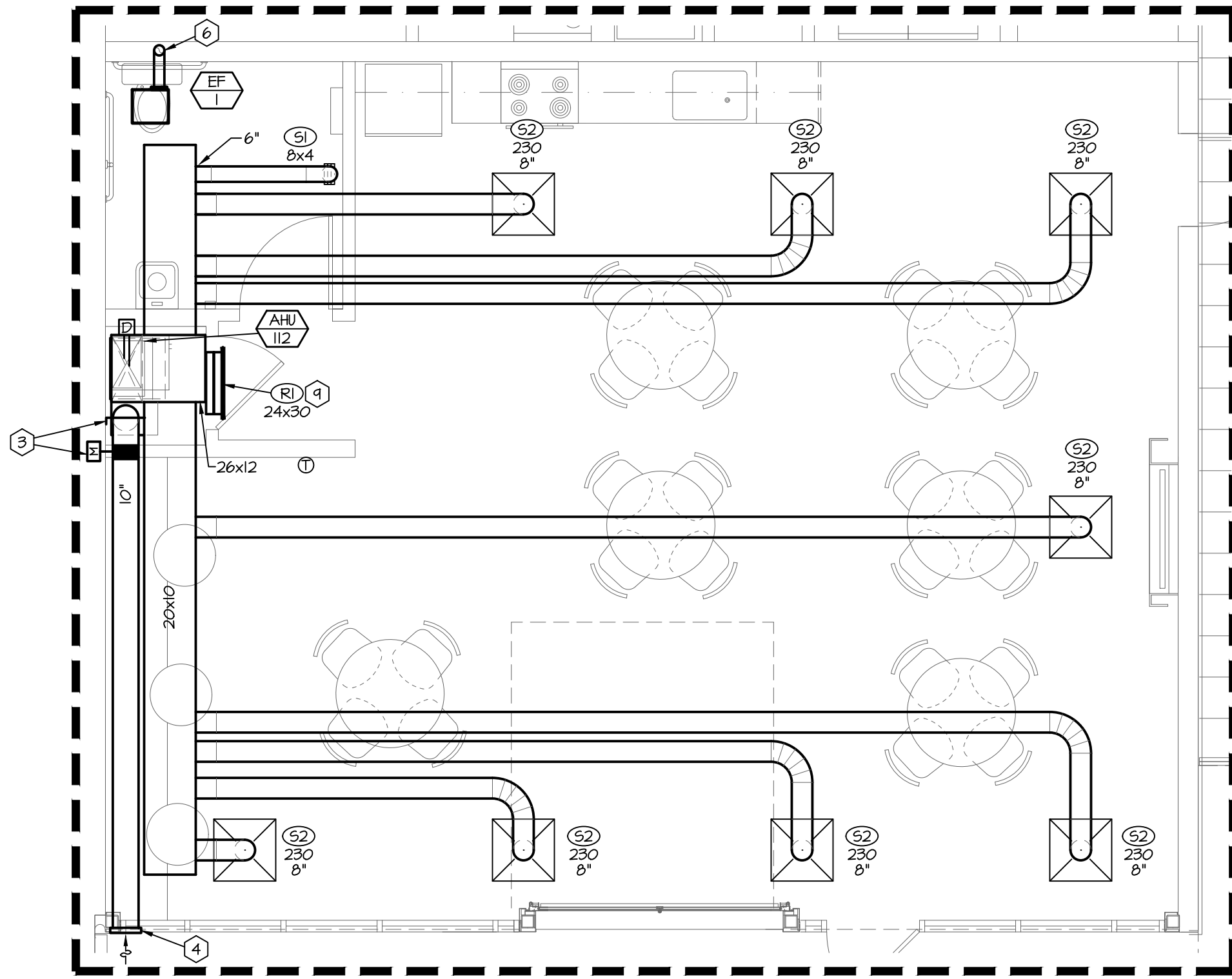
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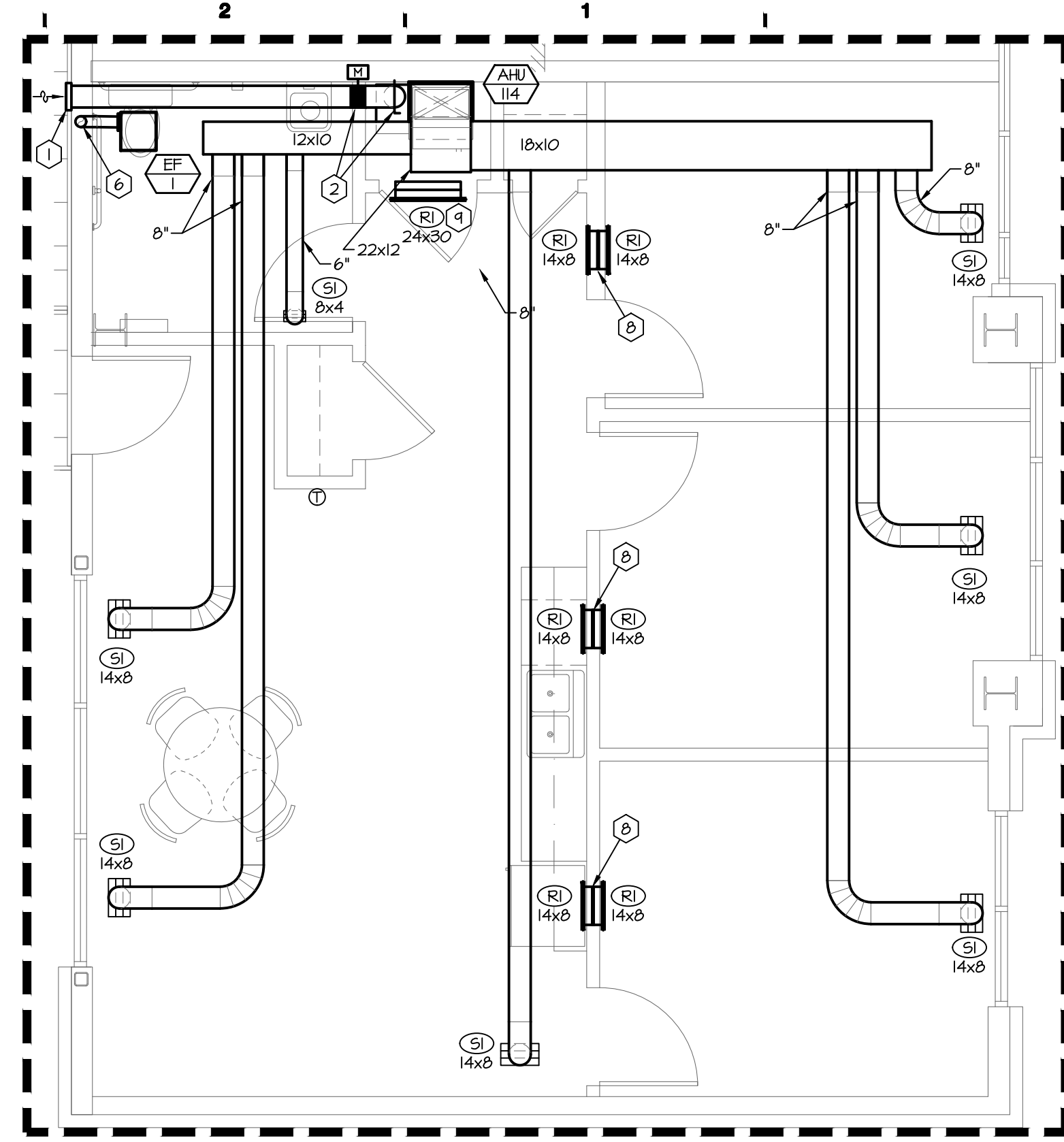
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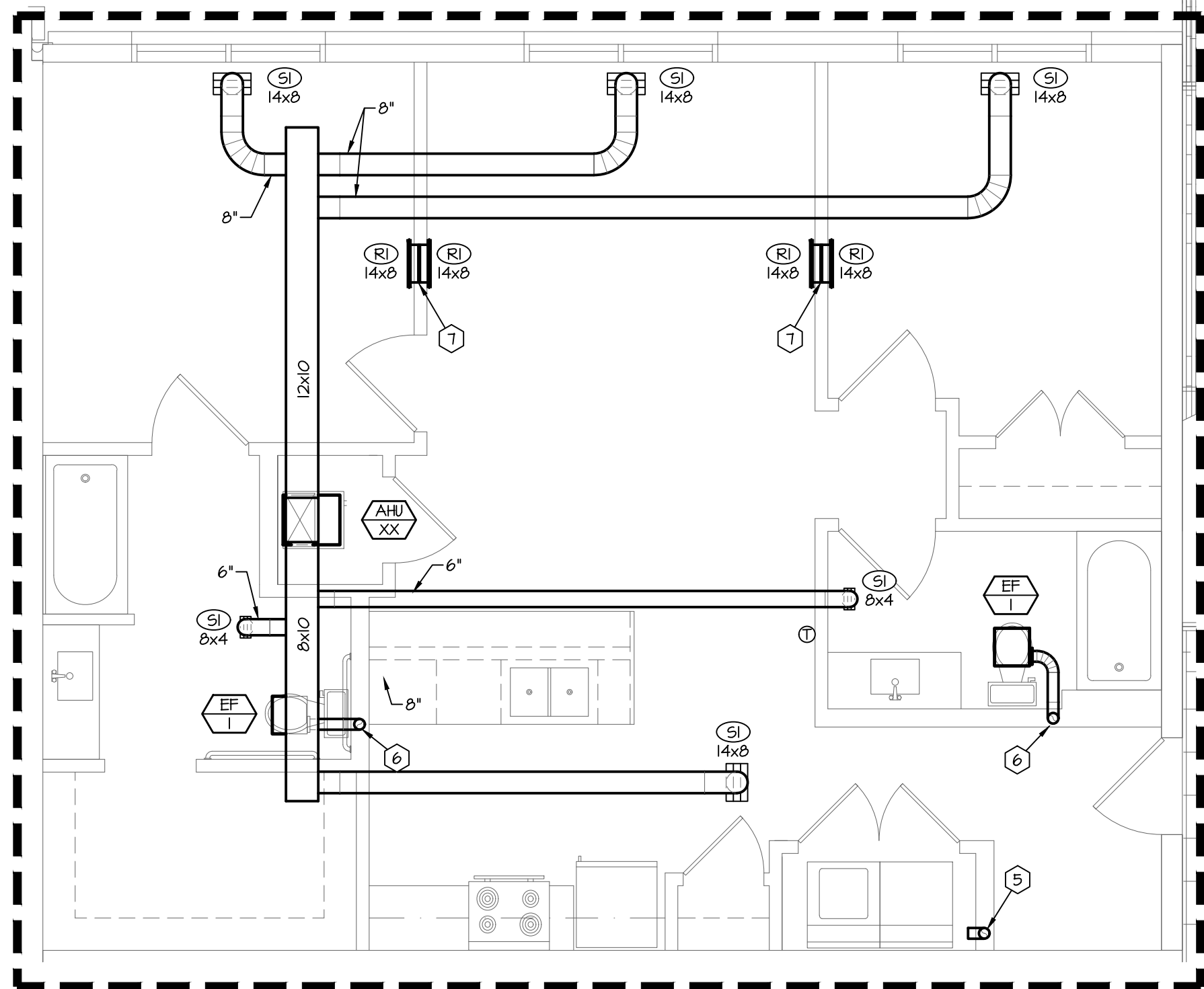
01 ENLARGED MECHANICAL PLAN (2 BED MOD REV.)
SCALE: 1/4" = 1'-0"



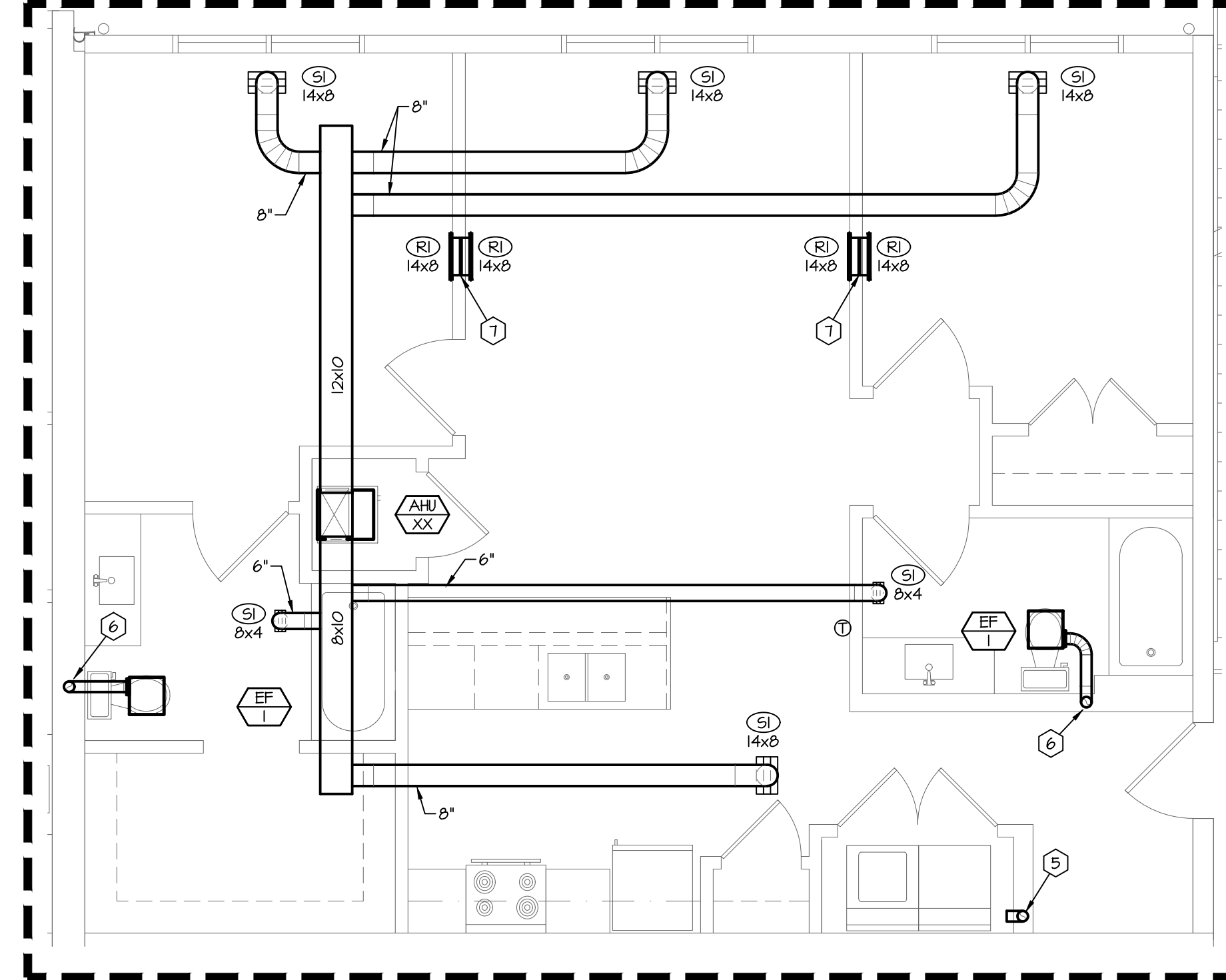
02 ENLARGED COMMUNITY ROOM MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



03 ENLARGED OFFICE SUITE MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



04 ENLARGED ACCESSIBLE 2 BED MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



05 ENLARGED MECHANICAL UNIT PLAN (2 BED MOD.)
SCALE: 1/4" = 1'-0"

PLAN NOTES:

1. PROVIDE 8 INCH WALL CAP FOR OUTSIDE AIR INTAKE. PROVIDE WALL BIRDSREEN.
2. PROVIDE MOTORIZED DAMPER AND BALANCE OUTSIDE AIR DAMPER TO 110 CFM. OUTSIDE AIR MOTORIZED DAMPER TO BE INTERLOCKED WITH AIR HANDLING UNIT. DAMPER SHALL OPEN WHEN UNIT IS ENERGIZED AND CLOSE WHEN UNIT IS OFF.
3. PROVIDE MOTORIZED DAMPER AND BALANCE OUTSIDE AIR DAMPER TO 145 CFM. OUTSIDE AIR MOTORIZED DAMPER TO BE INTERLOCKED WITH AIR HANDLING UNIT. DAMPER SHALL OPEN WHEN UNIT IS ENERGIZED AND CLOSE WHEN UNIT IS OFF.
4. PROVIDE 10 INCH WALL CAP FOR OUTSIDE AIR INTAKE. PROVIDE WITH BIRDSREEN.
5. 4 INCH DRYER VENT UP.
6. 4 INCH BATHROOM EXHAUST UP.
7. INSTALL RETURN GRILLE HIGH ON WALL IN LIVING SPACE AND LOW ON WALL IN BEDROOM.
8. INSTALL RETURN GRILLE HIGH ON WALL IN CORRIDOR AND LOW ON WALL IN OFFICE.
9. INSTALL RETURN GRILLE CENTERED ABOVE CLOSET DOOR.

GENERAL NOTES:

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- B. COORDINATE THE INSTALLATION OF THE DUCTWORK AND EQUIPMENT WITH THE WORK OF ALL OTHER TRADES. VERIFY ALL CLEARANCES PRIOR TO THE FABRICATION OF ANY SYSTEM COMPONENTS.
- C. DUCTWORK SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT OR PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT AND PANELS.
- D. PROVIDE ALL MISCELLANEOUS SUPPORTING STEEL, ETC. FOR THE PROPER INSTALLATION OF ALL MECHANICAL SYSTEMS.
- E. COORDINATE FLOOR, WALL, ROOF PENETRATIONS, LOUVER SIZES, PAD LOCATIONS, ETC. WITH THE ARCHITECTURAL TRADES.
- F. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS AND WALL ELEVATIONS FOR EXACT LOCATION OF GRILLES, REGISTERS, AND DIFFUSERS.
- G. DUCTWORK UPSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX INLET SIZE UNLESS NOTED OTHERWISE. PROVIDE STRAIGHT DUCT AT TERMINAL INLET. STRAIGHT DUCT LENGTH SHALL BE A MINIMUM OF 1 1/2 TIMES THE DIAMETER OF THE INLET DUCT, OR GREATER AS RECOMMENDED BY MANUFACTURER.
- H. DUCTWORK DOWNSTREAM OF SUPPLY TERMINAL UNITS SHALL BE BOX OUTLET SIZE UNLESS NOTED OTHERWISE.
- I. BRANCH DUCTWORK TO DIFFUSERS, REGISTERS OR GRILLES SHALL BE NECK SIZE UNLESS NOTED OTHERWISE.
- J. ALL DUCTWORK DIMENSIONS INDICATE THE INSIDE CLEAR DIMENSION.
- K. PROVIDE ACCESS DOORS IN HARD CEILING AREAS FOR ACCESS TO TERMINAL UNITS, BALANCING DAMPERS, TERMINAL UNIT HEATING COIL PIPING, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES. COORDINATE WITH THE ARCHITECTURAL TRADES.
- L. EXHAUST THROUGH ROOF - IBC 2015 SECTION 717.6.1 EXCEPTION: A DUCT IS PERMITTED TO PENETRATE THREE FLOORS OR LESS WITHOUT A FIRE DAMPER AT EACH FLOOR, PROVIDED SUCH DUCT MEETS ALL OF THE FOLLOWING REQUIREMENTS. (SEE 5 REQUIREMENTS LISTED UNDER 717.6.1 EXCEPTIONS)

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ENGINEER - CASEY JOHN STEINER
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ENLARGED
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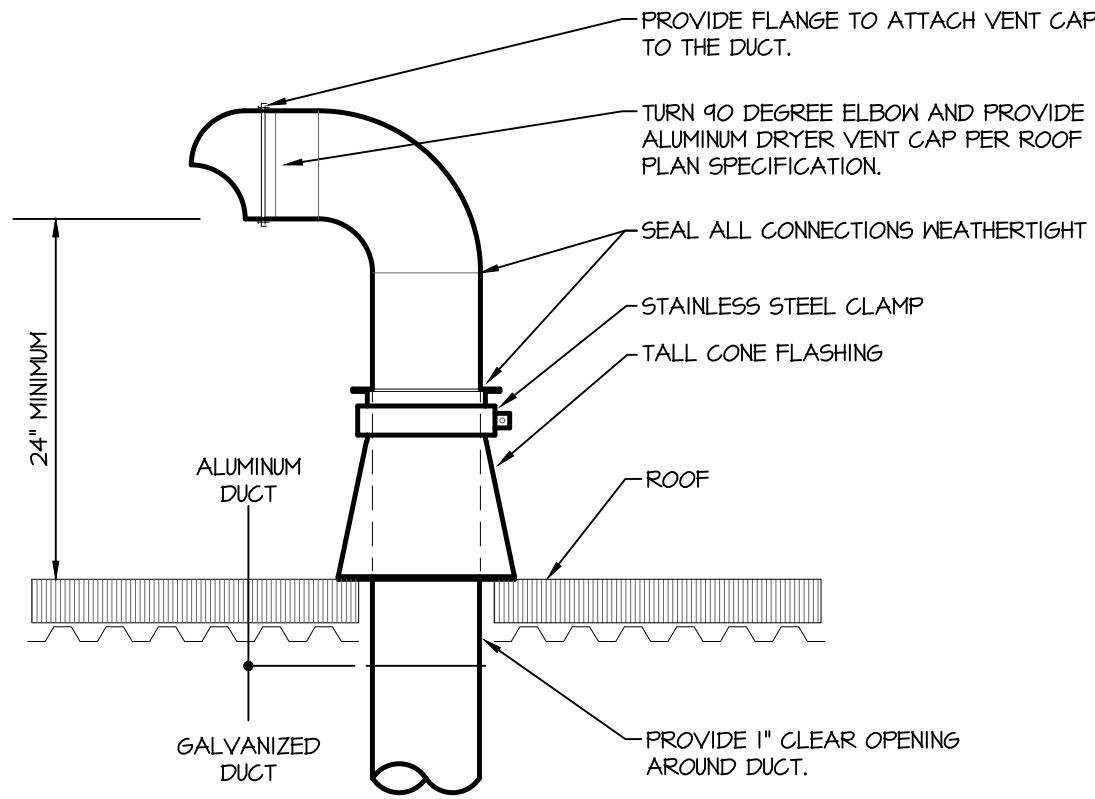
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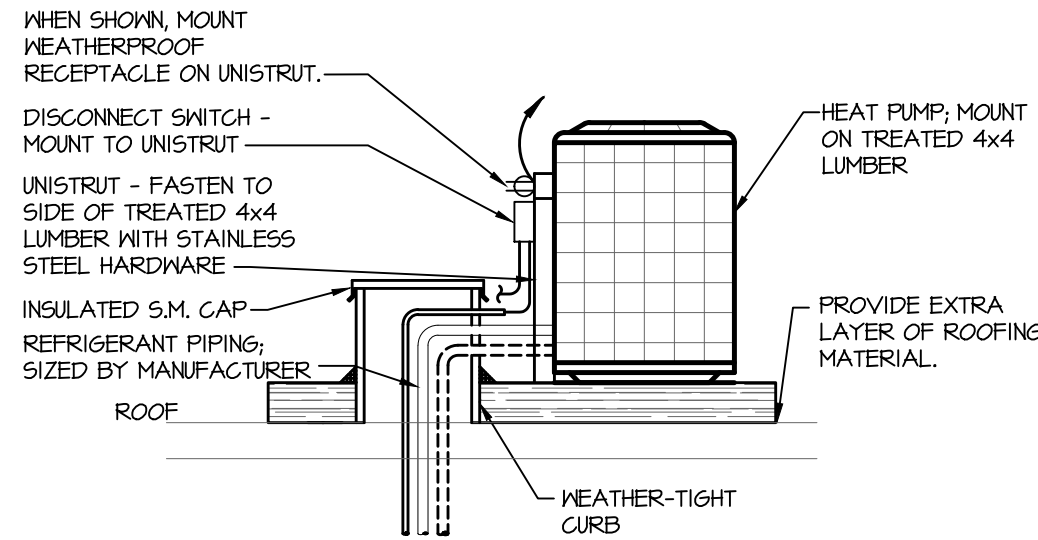
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- NOTES:
1. DUCT SIZES SHALL BE AS INDICATED ON THE PLANS.
 2. PROVIDE ROOFING AND FLASHING PER ARCHITECTURAL AND/OR ROOF MANUFACTURER'S REQUIREMENTS.
 3. USE POP RIVETS ON ALL DRYER VENT. SHEETMETAL SCREWS ARE NOT ACCEPTABLE.
 4. THE MALE END OF THE DUCT AT OVERLAPPED DUCT JOINTS SHALL EXTEND IN THE DIRECTION OF AIRFLOW.

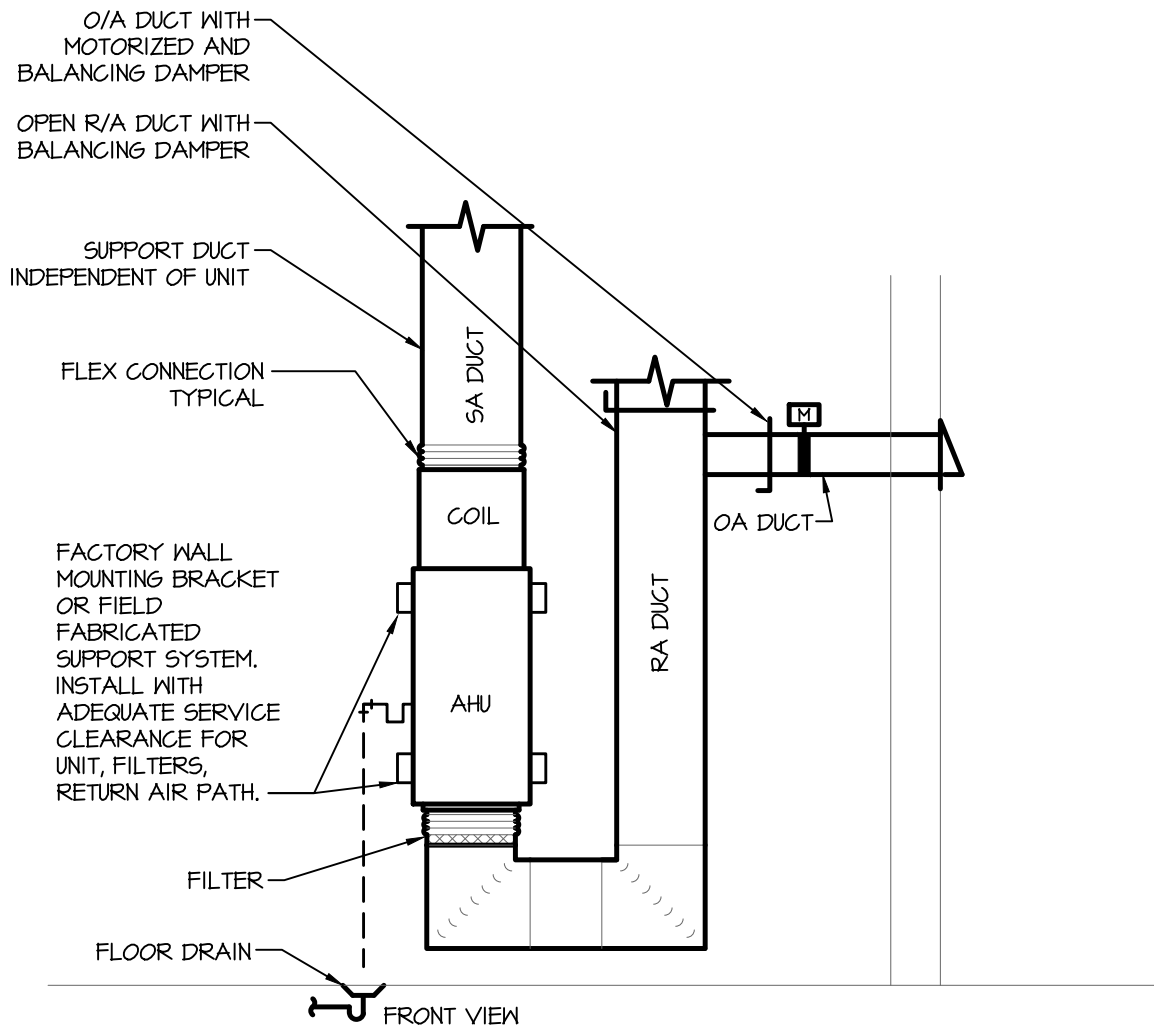
6 Clothes Dryer Roof Vent Detail

Scale: Not to Scale



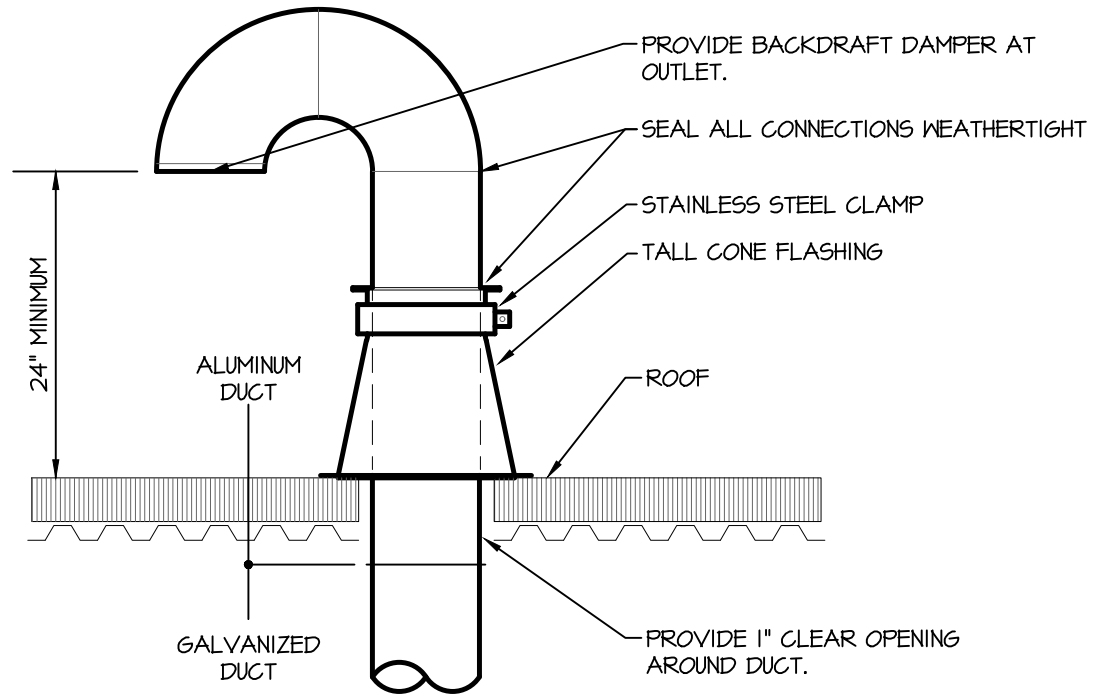
3 Heat Pump Mounting Detail

Scale: Not to Scale



8 Retail Space AHU Detail

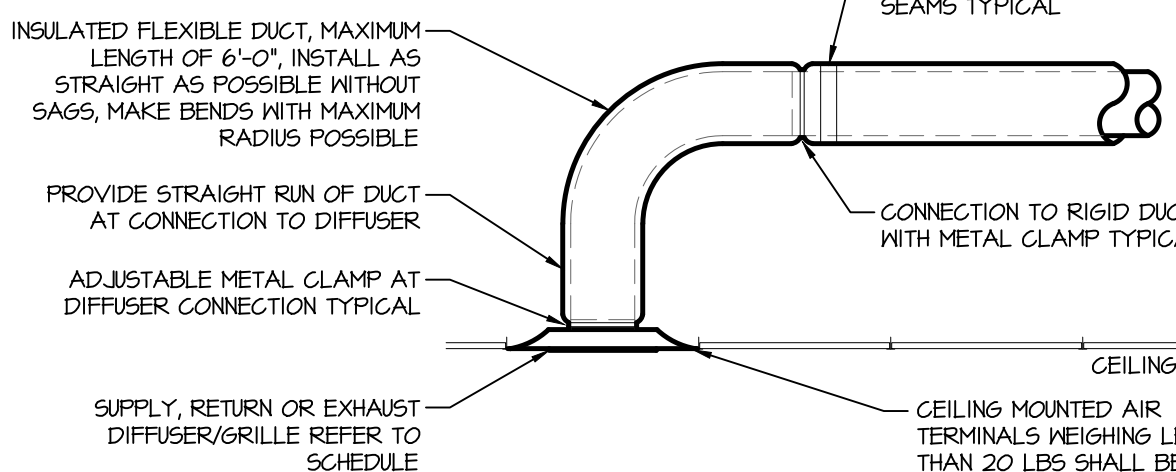
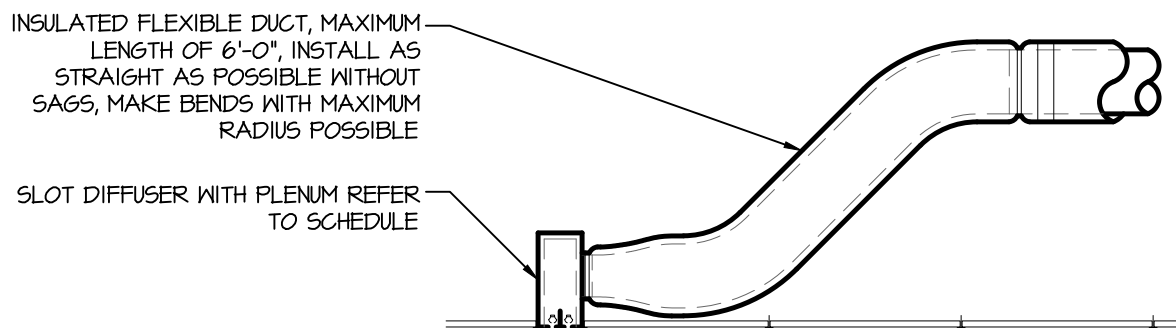
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- NOTES:
1. DUCT SIZES SHALL BE AS INDICATED ON THE PLANS.
 2. PROVIDE ROOFING AND FLASHING PER ARCHITECTURAL AND/OR ROOF MANUFACTURER'S REQUIREMENTS.

5 Round Intake or Exhaust Gooseneck

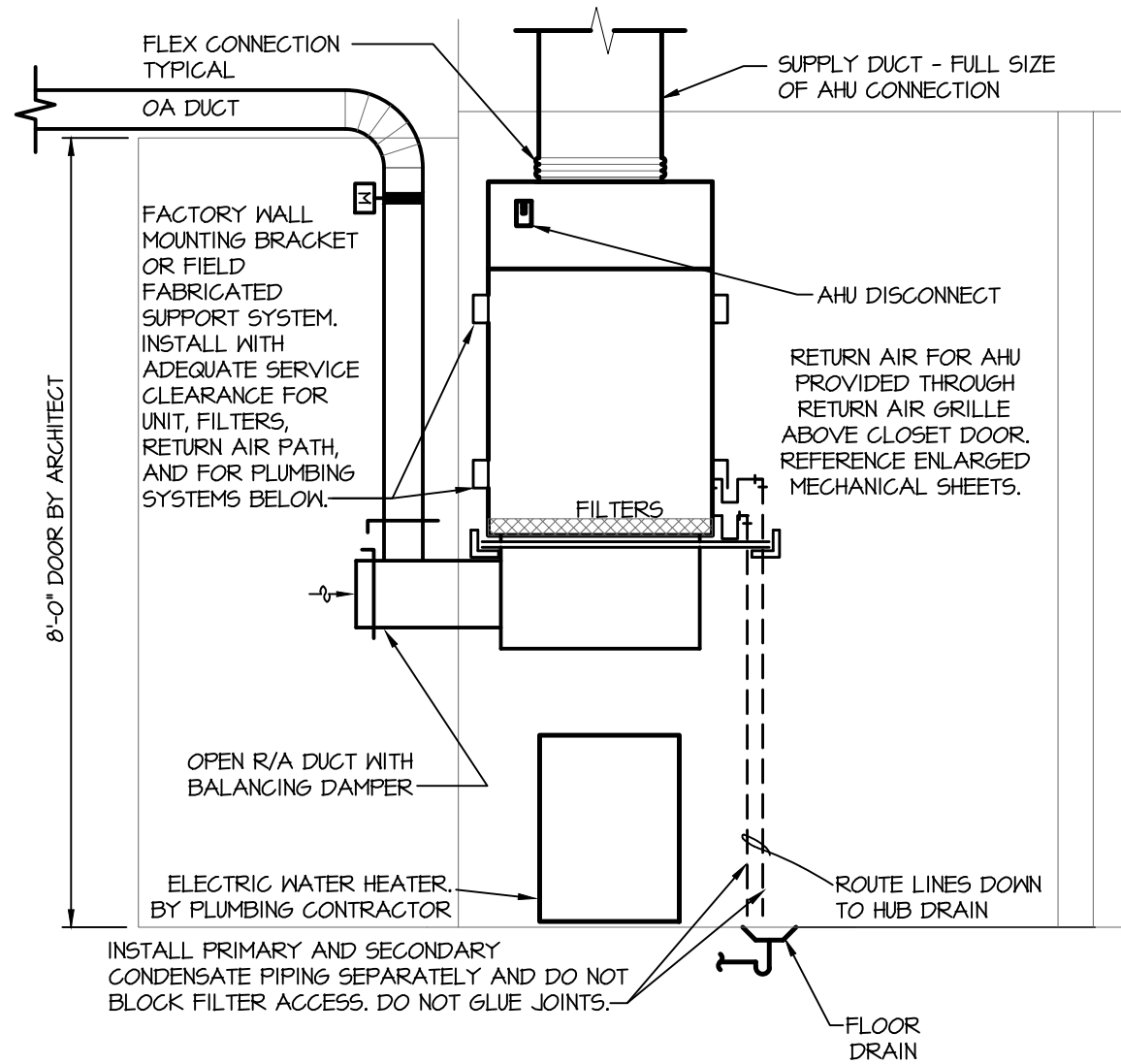
Scale: Not to Scale



- NOTES:
1. DUCT AND DIFFUSER SIZES SHALL BE AS INDICATED ON THE PLANS.
 2. SUPPORT DUCTWORK PER SPECIFICATIONS.
 3. COORDINATE CEILING TYPES WITH ARCHITECTURAL PLANS.

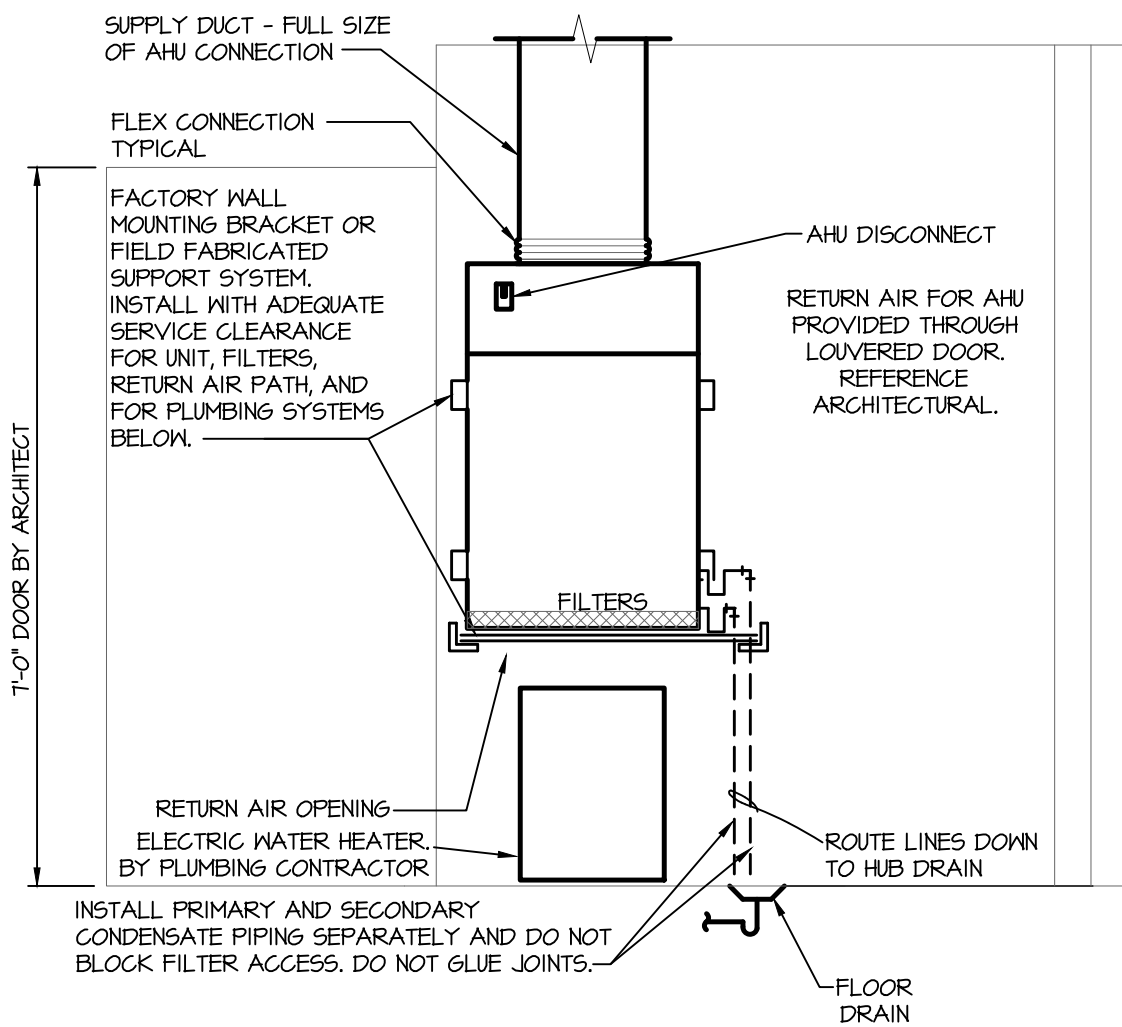
2 Diffuser Connection Detail

Scale: Not to Scale



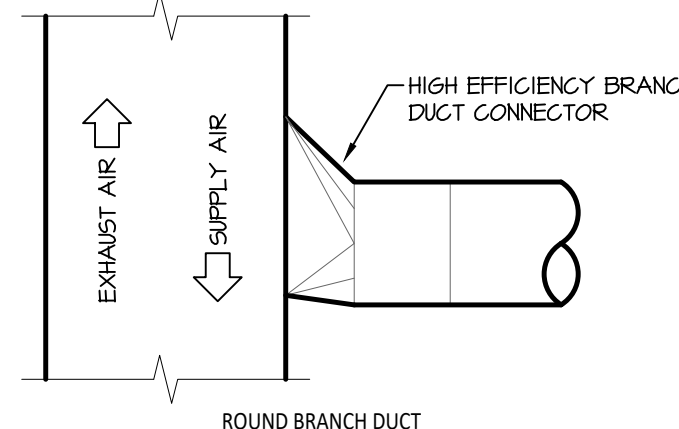
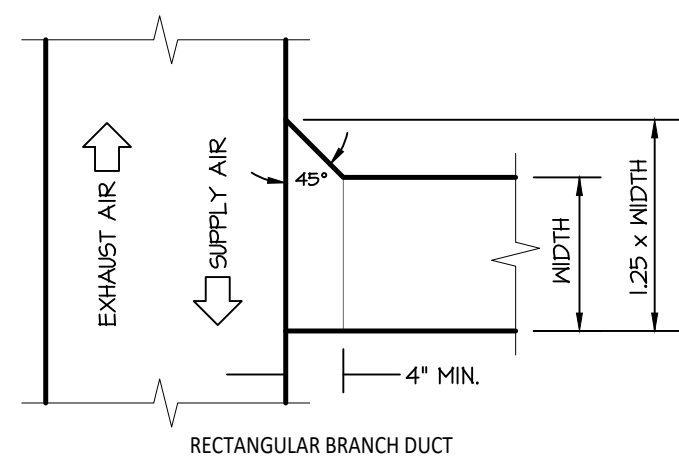
7 Office/Community Room AHU Detail

Scale: Not to Scale



4 Typical Apartment AHU Detail

Scale: Not to Scale



- NOTES:
1. SUPPLY, RETURN AND EXHAUST FITTINGS ARE SIMILAR, ONLY DIRECTION OF AIRFLOW CHANGES.
 2. REFER TO FLOOR PLANS FOR BRANCH LOCATIONS REQUIRING BALANCING DAMPERS.

1 Branch Duct Detail

Scale: Not to Scale

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ENGINEER - CASEY JOHN STEINER
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**MECHANICAL
DETAILS**

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PROJECT NO.: 1803

M5.1

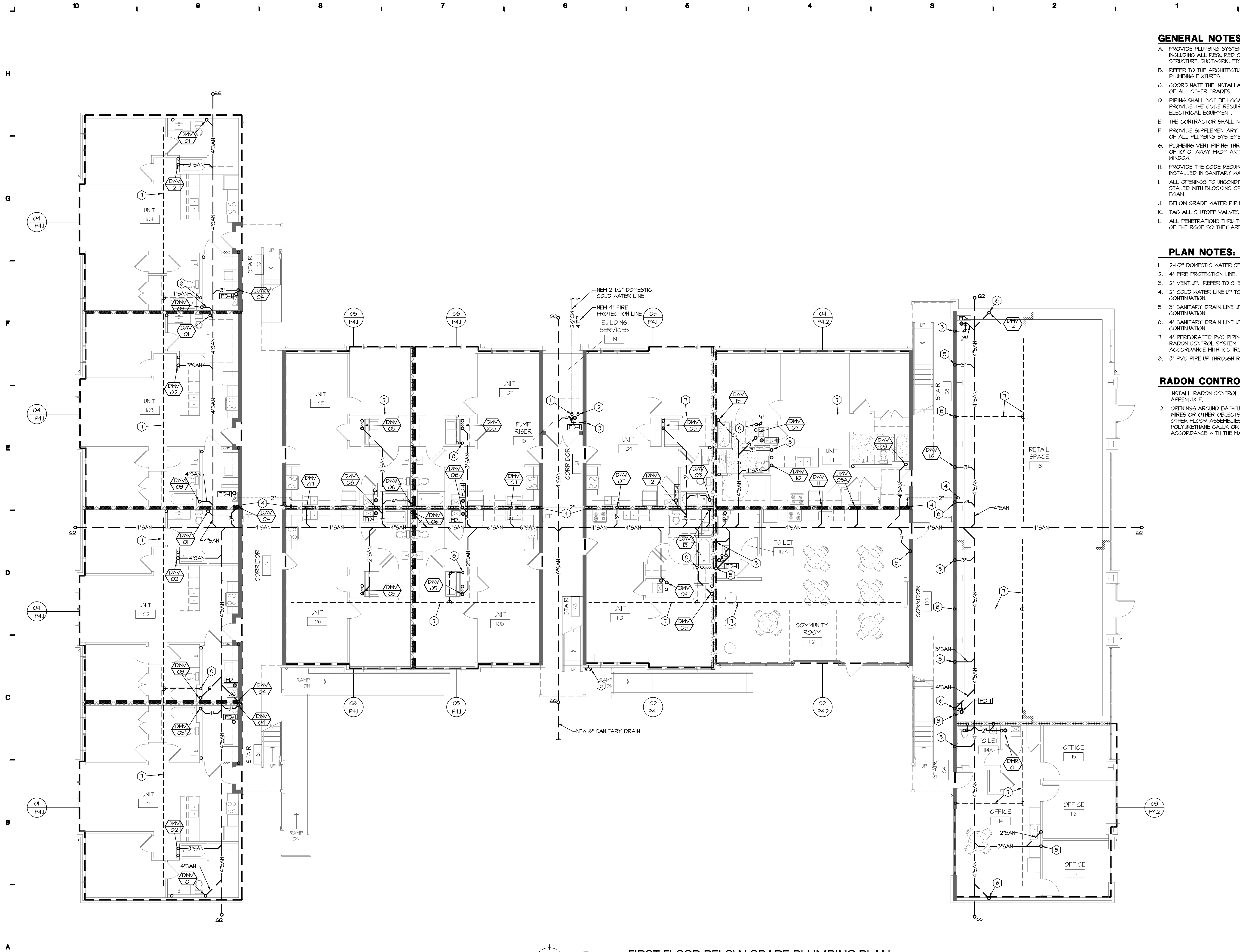
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SPLIT SYSTEM - AIR HANDLING & HEAT PUMP UNIT SCHEDULE																			
MARK	MANUFACTURER	MODEL	COOL MBH	SUPPLY FAN					ELEC HEAT					HEAT PUMP					NOTES
				CFM	ESP	V/PH	MCA	MOCP	NOMINAL KW	ACTUAL KW	V/PH	MCA	MOCP	MARK	MODEL	V/PH	MCA	MOCP	
AHU-101	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-101	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-102	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-102	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-103	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-103	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-104	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-104	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-105	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-105	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-106	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-106	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-107	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-107	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-108	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-108	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-109	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-109	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-110	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-110	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-111	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-111	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-112	TRANE	TEM4AOC609515A	60.0	2,000	0.5	20B/1	8	20	20.0	14.4	20B/1	44	100	HP-112	4TNR4060	20B/1	32	50	1, 2, 3, 4
AHU-113A	TRANE	TEM4AOC609515A	60.0	2,000	0.5	20B/1	8	20	20.0	14.4	20B/1	44	100	HP-113A	4TNR4060	20B/1	32	50	1, 2, 3, 4
AHU-113B	TRANE	TEM4AOC609515A	60.0	2,000	0.5	20B/1	8	20	20.0	14.4	20B/1	44	100	HP-113B	4TNR4060	20B/1	32	50	1, 2, 3, 4
AHU-114	TRANE	TEM4AOC425415A	42.0	1,400	0.5	20B/1	5	20	15.0	10.8	20B/1	13	80	HP-114	4TNR4042	20B/1	26	45	1, 2, 3, 4
AHU-201	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-201	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-202	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-202	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-203	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-203	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-204	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-204	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-205	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-205	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-206	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-206	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-207	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-207	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-208	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-208	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-209	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-209	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-210	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-210	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-211	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-211	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-212	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-212	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-213	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-213	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-214	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-214	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-215	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-215	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-301	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-301	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-302	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-302	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-303	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-303	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-304	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-304	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-305	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-305	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-306	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-306	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-307	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-307	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-308	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-308	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-309	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-309	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-310	TRANE	TEM4AOB185215B	18.0	600	0.5	20B/1	2	20	8.0	5.76	20B/1	36	40	HP-310	4TNR401B	20B/1	14	20	1, 2, 3, 4
AHU-311	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-311	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-312	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-312	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-313	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-313	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-314	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-314	4TNR4024	20B/1	14	25	1, 2, 3, 4
AHU-315	TRANE	TEM4AOB245215B	24.0	800	0.5	20B/1	2	20	8.0	7.2	20B/1	45	45	HP-315	4TNR4024	20B/1	14	25	1, 2, 3, 4
NOTES: 1. PROVIDE PROGRAMMABLE THERMOSTAT TYPICAL OF HONEYWELL VISION PRO 8000. 2. AIR HANDLING UNIT TO BE VERTICAL UPFLOW CONFIGURATION. 3. DISCONNECT TO BE PROVIDED AND INSTALLED BY ELECTRICAL CONTRACTOR. 4. PROVIDE WALL-MOUNTING KIT FROM MANUFACTURER.																			
GENERAL NOTES: A. CHANGE FILTER AFTER UNIT START-UP, DURING FINISH WORK AND FINAL PUNCH. DO NOT OPERATE UNITS DURING DRYWALL SANDING. B. PROVIDE A SECONDARY DRAIN PAN FOR ALL COOLING COILS AND ROUTE 3/4" CONDENSATE LINE TO ADJACENT FLOOR DRAIN, INDEPENDENT OF PRIMARY CONDENSATE DRAIN. C. UNIT MANUFACTURER SHALL MAKE COOLING COIL SELECTION. UNIT MANUFACTURER AND INSTALLING CONTRACTOR SHALL SIZE REFRIGERANT PIPING FOR THE FINAL FIELD ROUTING, ELEVATION CHANGES AND CONDENSER LOCATIONS. PROVIDE TRAPS INCLUDING INVERTED LIQUID OIL TRAP AT INDOOR EVAPORATOR COIL, TXV, ADDITIONAL REFRIGERANT, LOW VOLTAGE STARTER KIT, OFF CYCLE TIMER, CRANKCASE HEATER AND ACCUMULATOR AS REQUIRED FOR PROPER OPERATION OF THE SYSTEM. D. PROVIDE A MINIMUM 3/8" LIQUID REFRIGERANT LINES ON ALL SYSTEMS. E. COOLING LOADS BASED ON 105 DEGREES F AMBIENT TEMPERATURE. F. COOLING MBH INDICATES THE MINIMUM NET COOLING MBH REQUIRED FROM UNIT AT CFM LISTED IN SCHEDULE. G. KW OUT INDICATES THE MINIMUM NET HEATING KW REQUIRED FROM UNIT. H. MAXIMUM LINE LENGTH IS 150 FT. I. AIR HANDLER COILS SHALL BE ALUMINUM. J. ELECTRICAL CONTRACTOR SHALL PROVIDE SMOKE DETECTORS IN THE MAIN SUPPLY DUCT AND INTERLOCK WITH UNIT PER CODE FOR UNITS THAT EXCEED 2,000 CFM.																			

ELECTRIC WALL HEATER SCHEDULE							
MARK	MANUFACTURER	MODEL	KW	V/PH	MCA	MOCP	NOTES
EW-01	Q-MARK	CWH350BF	4.8	20B/1	28.8	30	1
EW-02	Q-MARK	CWH350BF	4.8	20B/1	28.8	30	1
NOTES: I. PROVIDE WITH MANUFACTURER'S SURFACE MOUNTING FRAME. GENERAL NOTES (APPLY TO ALL ABOVE): A. PROVIDE WITH INTEGRAL THERMOSTAT AND DISCONNECTING MEANS							

GRILLE, REGISTER, & DIFFUSER SCHEDULE							
MARK	MANUFACTURER	MODEL	SERVICE	FACE SIZE	NECK SIZE	DAMPER	NOTES
S1	US AIRE	102M	SUPPLY	"SEE PLAN"	"SEE PLAN"	YES	1
S2	US AIRE	4T50-6	SUPPLY	24" x 24"	8"	YES	1
S3	US AIRE	40005VM	SUPPLY	24" x10"	-	YES	
R1	US AIRE	1400	RETURN	"SEE PLAN"	-	NO	
NOTES: I. PROVIDE WITH BUSKIN CPD/T CEILING FIRE DAMPER UL CLASSIFIED FOR WOOD TRUS CONSTRUCTION. DAMPER SIZE SHALL BE SAME AS DIFFUSER FACE SIZE. SHALL ONLY APPLY WHEN PENETRATING A FIRE-RATED ASSEMBLY. PROVIDE SINGLE DEFLECTION GRILLE. GENERAL NOTES (APPLY TO ALL ABOVE): A. PROVIDE MOUNTING FRAME TO MATCH CEILING TYPE. VERIFY WITH ARCHITECT'S PLANS PRIOR TO ORDERING. B. MAXIMUM NG OF 30 FOR ALL GRILLES, REGISTERS, AND DIFFUSERS. C. WHERE NOT NOTED, DIFFUSER NECK SIZE SHALL BE THE SAME AS THE BRANCH DUCT SIZE. D. UNLESS NOTED OTHERWISE, COLOR SHALL BE STANDARD WHITE. E. FOUR-WAY THROW PATTERN FOR SQUARE DIFFUSERS UNLESS NOTED OTHERWISE.							

FAN SCHEDULE										
MARK	MANUFACTURER	MODEL	CFM	S.P.	DRIVE	BHP	HP	RPM	dBA	V/PH
EF-1	BROAN	AEB0L	50	0.25	DIRECT	26.9 W	--	-	26	120/1
NOTES: I. PROVIDE WITH FACTORY INSTALLED AND WIRED DISCONNECT. 2. PROVIDE WITH BROAN RDM1 RADIATION DAMPER.										



- GENERAL NOTES:**
- A. PROVIDE PLUMBING SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL REQUIRED COMPONENTS, OFFSETS REQUIRED TO AVOID THE STRUCTURE, DUCTWORK, ETC.
 - B. REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT LOCATIONS OF PLUMBING FIXTURES.
 - C. COORDINATE THE INSTALLATION OF PLUMBING AND PIPING WITH THE WORK OF ALL OTHER TRADES.
 - D. PIPING SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT/PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT.
 - E. THE CONTRACTOR SHALL NOT LOCATE PIPING BELOW OTHER EQUIPMENT.
 - F. PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL PLUMBING SYSTEMS.
 - G. PLUMBING VENT PIPING THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY FRESH AIR INTAKE LOCATION OR OPERABLE WINDOW.
 - H. PROVIDE THE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
 - I. ALL OPENINGS TO UNCONDITIONED SPACES OR BUILDING EXTERIOR ARE SEALED WITH BLOCKING OR FLASHING. GAPS ARE SEALED WITH CAULK OR FOAM.
 - J. BELOW GRADE WATER PIPING SHALL BE SOFT COPPER WITH NO JOINTS.
 - K. TAG ALL SHUTOFF VALVES WITH UNIT IT SERVES.
 - L. ALL PENETRATIONS THRU THE ROOF SHALL BE LOCATED ON THE BACKSIDE OF THE ROOF SO THEY ARE NOT VISIBLE FROM THE STREET.

- PLAN NOTES:**
- 1. 2-1/2" DOMESTIC WATER SERVICE ENTRANCE.
 - 2. 4" FIRE PROTECTION LINE.
 - 3. 2" VENT UP. REFER TO SHEET P.I. FOR CONTINUATION.
 - 4. 2" COLD WATER LINE UP TO ABOVE GRADE. REFER TO SHEET P.I. FOR CONTINUATION.
 - 5. 3" SANITARY DRAIN LINE UP TO UPPER LEVELS. REFER TO SHEET P.I. FOR CONTINUATION.
 - 6. 4" SANITARY DRAIN LINE UP TO UPPER LEVELS. REFER TO SHEET P.I. FOR CONTINUATION.
 - 7. 4" PERFORATED PVC PIPING INSTALLED IN CENTER OF GRAVEL LAYER FOR RADON CONTROL SYSTEM. INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ICG IRC APPENDIX F.
 - 8. 3" PVC PIPE UP THROUGH ROOF FOR PASSIVE RADON CONTROL SYSTEM.

- RADON CONTROL SYSTEM NOTES:**
- 1. INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ICG IRC APPENDIX F.
 - 2. OPENINGS AROUND BATHTUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS OR OTHER FLOOR ASSEMBLIES SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

01 FIRST FLOOR BELOW GRADE PLUMBING PLAN
SCALE: 1/8" = 1'-0"

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SEAL
ENGINEER - CASEY JOHN STEINER
MO. LICENSE NO. PE-2009035182

STATE OF MISSOURI
CASEY JOHN STEINER
NUMBER
PE-2009035182
PROFESSIONAL ENGINEER

02/04/19

FIRST FLOOR BELOW
GRADE PLUMBING
PLAN

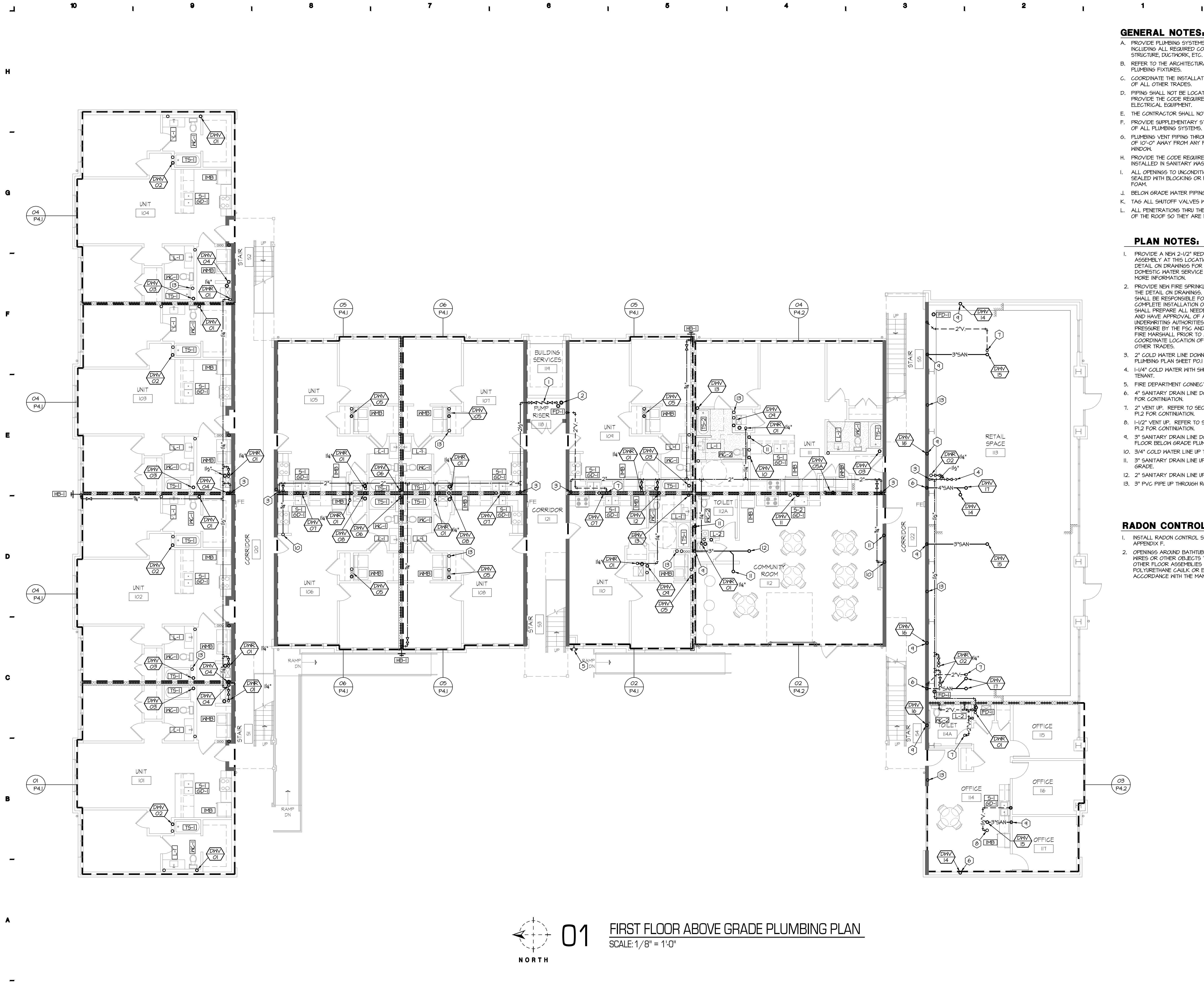
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PROJECT NO.: 1803

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01

FIRST FLOOR ABOVE GRADE PLUMBING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES:

- PROVIDE PLUMBING SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL REQUIRED COMPONENTS, OFFSETS REQUIRED TO AVOID THE STRUCTURE, DUCTWORK, ETC.
- REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT LOCATIONS OF PLUMBING FIXTURES.
- COORDINATE THE INSTALLATION OF PLUMBING AND PIPING WITH THE WORK OF ALL OTHER TRADES.
- PIPING SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT/PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT.
- THE CONTRACTOR SHALL NOT LOCATE PIPING BELOW OTHER EQUIPMENT.
- PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL PLUMBING SYSTEMS.
- PLUMBING VENT PIPING THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY FRESH AIR INTAKE LOCATION OR OPERABLE WINDOW.
- PROVIDE THE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
- ALL OPENINGS TO UNCONDITIONED SPACES OR BUILDING EXTERIOR ARE SEALED WITH BLOCKING OR FLASHING. GAPS ARE SEALED WITH CAULK OR FOAM.
- BELOW GRADE WATER PIPING SHALL BE SOFT COPPER WITH NO JOINTS.
- TAG ALL SHUTOFF VALVES WITH UNIT IT SERVES.
- ALL PENETRATIONS THRU THE ROOF SHALL BE LOCATED ON THE BACKSIDE OF THE ROOF SO THEY ARE NOT VISIBLE FROM THE STREET.

PLAN NOTES:

- PROVIDE A NEW 2-1/2" REDUCED PRESSURE BACKFLOW PREVENTION ASSEMBLY AT THIS LOCATION, FEECO MODEL 825D OR EQUIVALENT, SEE DETAIL ON DRAWINGS FOR INSTALLATION REQUIREMENTS. PROVIDE NEW DOMESTIC WATER SERVICE FROM CITY MAIN, SEE CIVIL SITE PLAN FOR MORE INFORMATION.
- PROVIDE NEW FIRE SPRINKLER SERVICE ENTRANCE IN ACCORDANCE WITH THE DETAIL ON DRAWINGS. THE FIRE SPRINKLER CONTRACTOR (FSC) SHALL BE RESPONSIBLE FOR THE DESIGN, LAYOUT, MATERIALS AND COMPLETE INSTALLATION OF THE ENTIRE SPRINKLER SYSTEM. THE FSC SHALL PREPARE ALL NEEDED DRAWINGS TO MEET NFPA REQUIREMENTS AND HAVE APPROVAL OF ALL LOCAL, STATE AND INSURANCE UNDERWRITING AUTHORITIES. THE SYSTEM SHALL BE TESTED UNDER PRESSURE BY THE FSC AND INSPECTED AND APPROVED BY THE LOCAL FIRE MARSHALL PRIOR TO ACCEPTANCE BY OWNER. THE FSC SHALL COORDINATE LOCATION OF THE ENTIRE SPRINKLER SYSTEM WITH ALL OTHER TRADES.
- 2" COLD WATER LINE DOWN TO BELOW GRADE. REFER TO BELOW GRADE PLUMBING PLAN SHEET P01 FOR CONTINUATION.
- 1-1/4" COLD WATER WITH SHUTOFF VALVE AND CAPPED FOR FUTURE TENANT.
- FIRE DEPARTMENT CONNECTION.
- 4" SANITARY DRAIN LINE DOWN TO BELOW GRADE. REFER TO SHEET P01 FOR CONTINUATION.
- 2" VENT UP. REFER TO SECOND & THIRD FLOOR PLUMBING PLANS SHEET P12 FOR CONTINUATION.
- 1-1/2" VENT UP. REFER TO SECOND & THIRD FLOOR PLUMBING PLANS SHEET P12 FOR CONTINUATION.
- 3" SANITARY DRAIN LINE DOWN TO BELOW GRADE. REFER TO FIRST FLOOR BELOW GRADE PLUMBING PLAN SHEET P01 FOR CONTINUATION.
- 3/4" COLD WATER LINE UP TO ROOF TO SERVE ROOF HYDRANT RH-1.
- 3" SANITARY DRAIN LINE UP TO SECOND FLOOR, AND DOWN TO BELOW GRADE.
- 2" SANITARY DRAIN LINE UP TO SECOND FLOOR.
- 3" PVC PIPE UP THROUGH ROOF FOR PASSIVE RADON SYSTEM.

RADON CONTROL SYSTEM NOTES:

- INSTALL RADON CONTROL SYSTEM IN ACCORDANCE WITH ICC IRC APPENDIX F.
- OPENINGS AROUND BATHTUBS, SHOWERS, WATER CLOSETS, PIPES, WIRES OR OTHER OBJECTS THAT PENETRATE CONCRETE SLABS OR OTHER FLOOR ASSEMBLIES SHALL BE FILLED WITH A POLYURETHANE CAULK OR EQUIVALENT SEALANT APPLIED IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.

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Y GARDENS APARTMENTS
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STARK WILSON DUNCAN ARCHITECTS INC.
315 NICHOLS RD, STE 228 - KANSAS CITY, MO 64112 - T 816.531.1978 F 816.531.1978

SEAL

ENGINEER - CASEY JOHN STEINER
MO. LICENSE NO. PE-2009035182



FIRST FLOOR ABOVE
GRADE PLUMBING
PLAN

ISSUE DATE:

02.04.2019

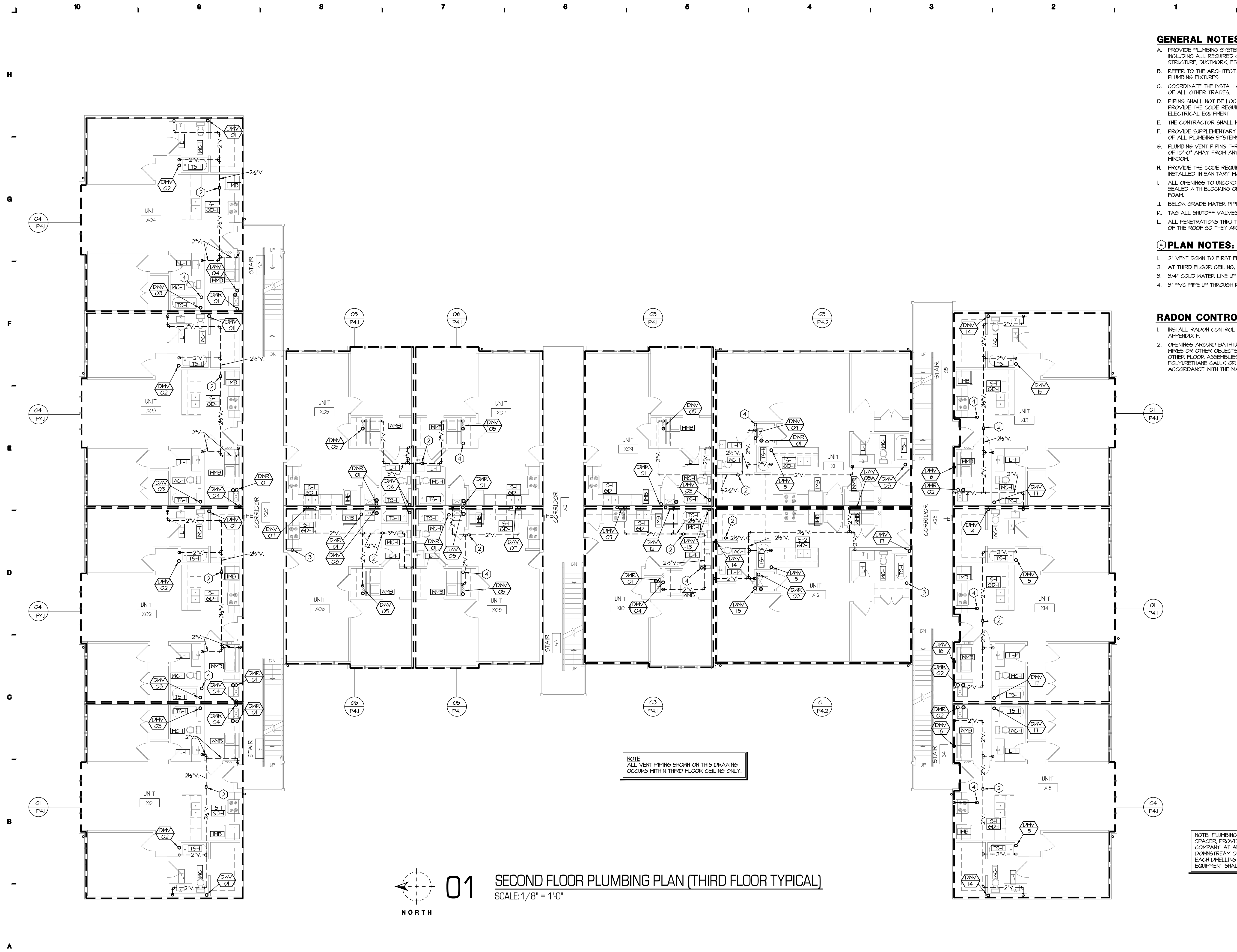
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GENERAL NOTES:

- PROVIDE PLUMBING SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING ALL REQUIRED COMPONENTS, OFFSETS REQUIRED TO AVOID THE STRUCTURE, DUCTWORK, ETC.
- REFER TO THE ARCHITECTURAL PLANS FOR THE EXACT LOCATIONS OF PLUMBING FIXTURES.
- COORDINATE THE INSTALLATION OF PLUMBING AND PIPING WITH THE WORK OF ALL OTHER TRADES.
- PIPING SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT/PANELS. PROVIDE THE CODE REQUIRED WORKING CLEARANCE AROUND ALL ELECTRICAL EQUIPMENT.
- THE CONTRACTOR SHALL NOT LOCATE PIPING BELOW OTHER EQUIPMENT.
- PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL PLUMBING SYSTEMS.
- PLUMBING VENT PIPING THROUGH THE ROOF SHALL BE LOCATED A MINIMUM OF 10'-0" AWAY FROM ANY FRESH AIR INTAKE LOCATION OR OPERABLE WINDOW.
- PROVIDE THE CODE REQUIRED CLEARANCE FOR ALL CLEANOUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
- ALL OPENINGS TO UNCONDITIONED SPACES OR BUILDING EXTERIOR ARE SEALED WITH BLOCKING OR FLASHING. GAPS ARE SEALED WITH CAULK OR FOAM.
- BELOW GRADE WATER PIPING SHALL BE SOFT COPPER WITH NO JOINTS.
- TAG ALL SHUTOFF VALVES WITH UNIT IT SERVES.
- ALL PENETRATIONS THRU THE ROOF SHALL BE LOCATED ON THE BACKSIDE OF THE ROOF SO THEY ARE NOT VISIBLE FROM THE STREET.

PLAN NOTES:

- 2" VENT DOWN TO FIRST FLOOR.
- AT THIRD FLOOR CEILING, 3" VENT UP TO 3" VENT THRU ROOF.
- 3/4" COLD WATER LINE UP TO ROOF HYDRANT RH-1 ON ROOF.
- 3" PVC PIPE UP THROUGH ROOF FOR PASSIVE RADON SYSTEM.

RADON CONTROL SYSTEM NOTES:

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NOTE: PLUMBING CONTRACTOR SHALL INSTALL 6" SPACER, PROVIDED BY WATER SUB-METERING COMPANY, AT AN ACCESSIBLE LOCATION DOWNSTREAM OF MAIN DOMESTIC WATER SHUT-OFF IN EACH DWELLING UNIT. SUB-METER AND ASSOCIATED EQUIPMENT SHALL BE INSTALLED BY OTHERS.

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MO. LICENSE NO. PE-2009035182



02/04/19
**SECOND FLOOR
PLUMBING PLAN
(THIRD FLOOR TYPICAL)**

ISSUE DATE:

02.04.2019

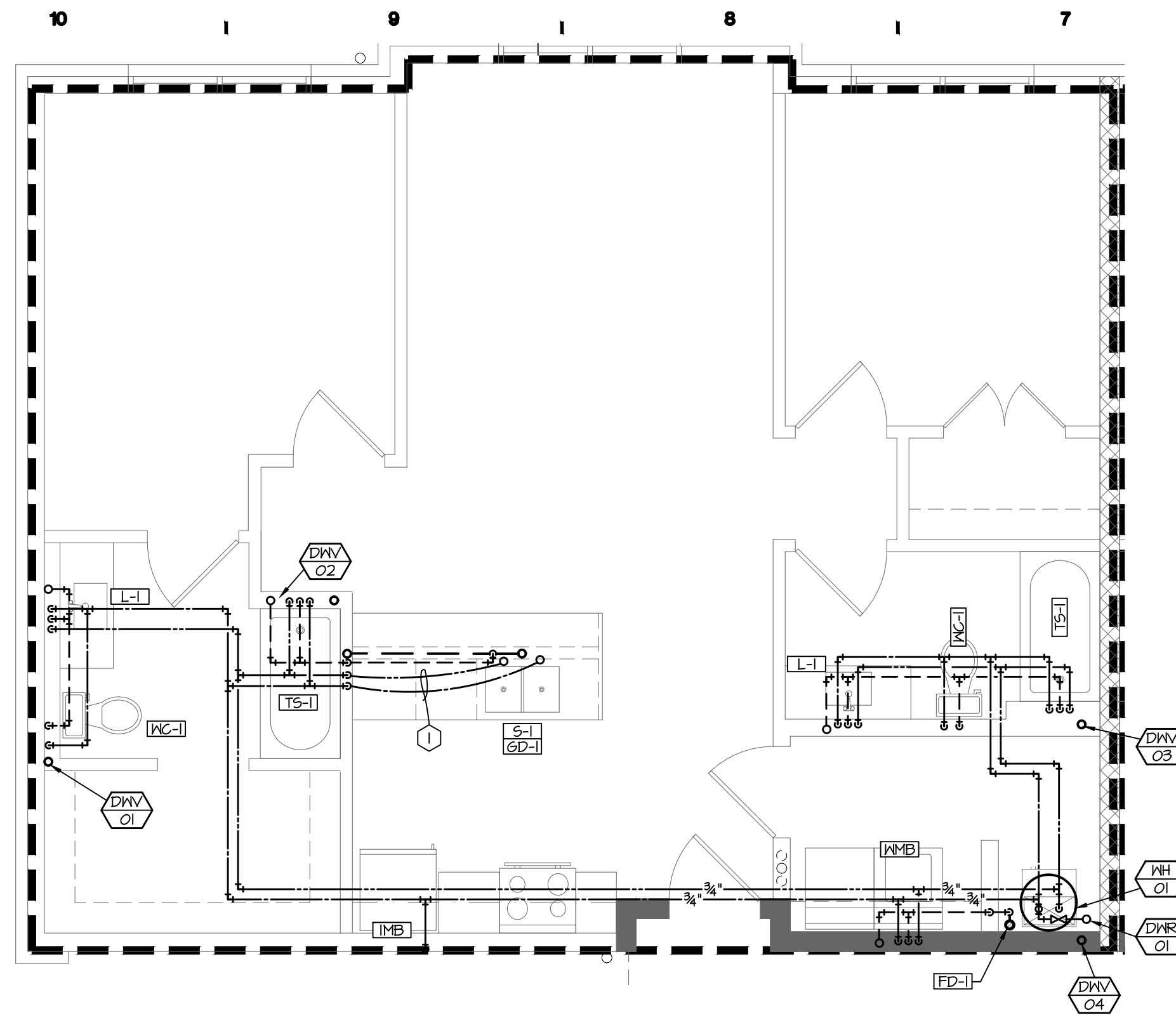
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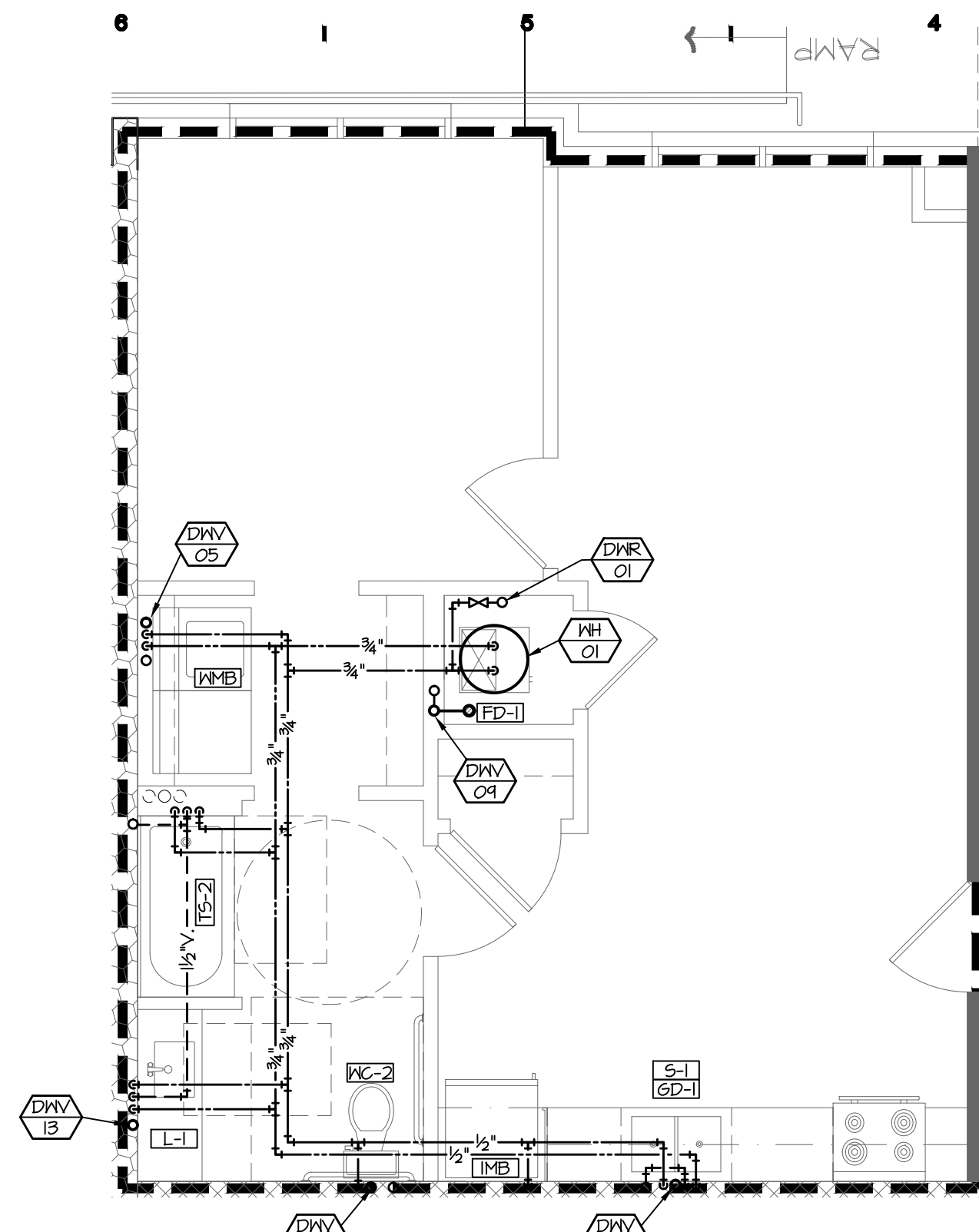
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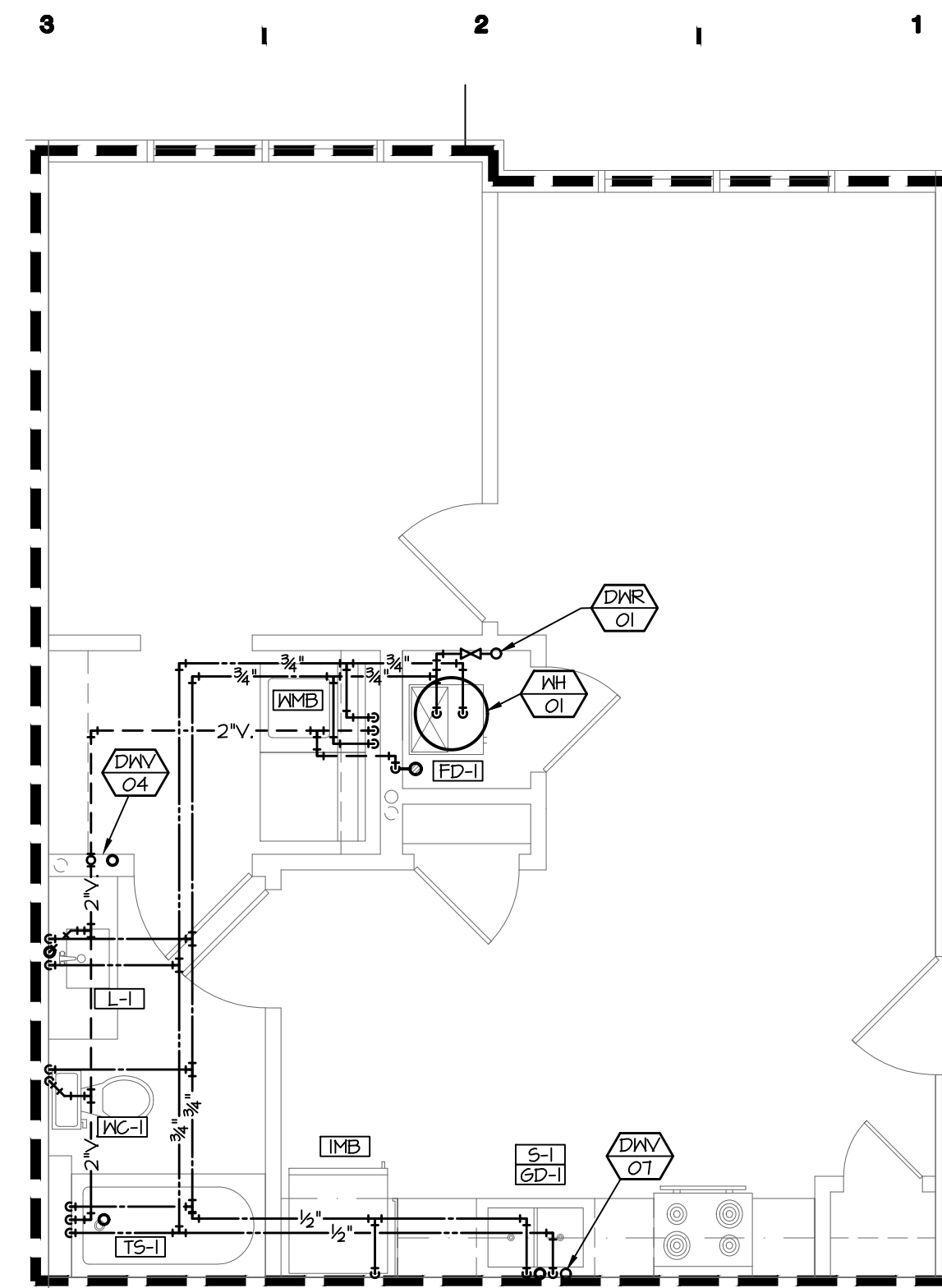
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01 ENLARGED PLUMBING PLAN (2 BED REV.)
SCALE: 1/4" = 1'-0"



02 ENLARGED PLUMBING PLAN (1 BED - TYPE A)
SCALE: 1/4" = 1'-0"



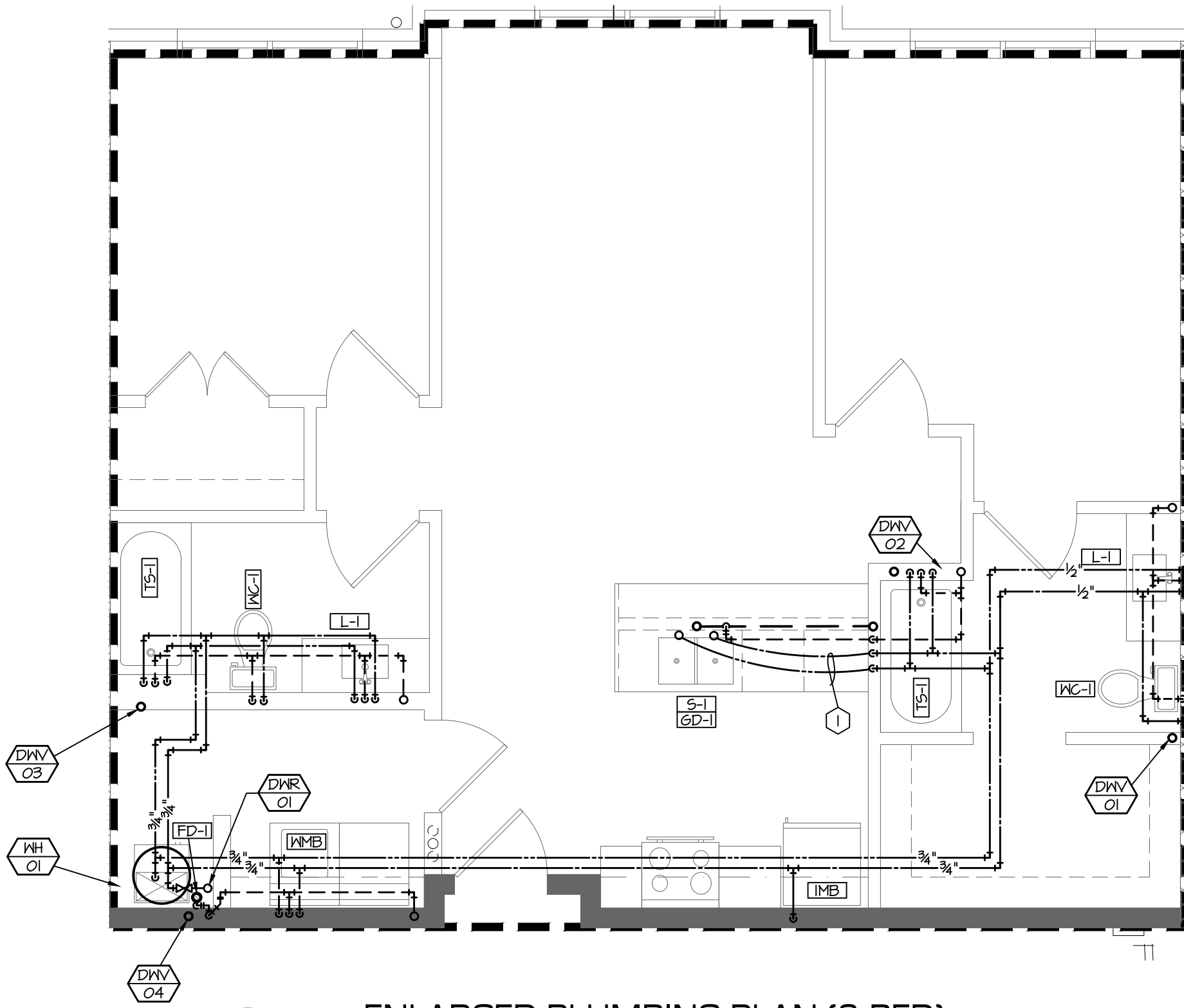
03 ENLARGED PLUMBING PLAN (1 BED MOD.)
SCALE: 1/4" = 1'-0"

GENERAL NOTES:

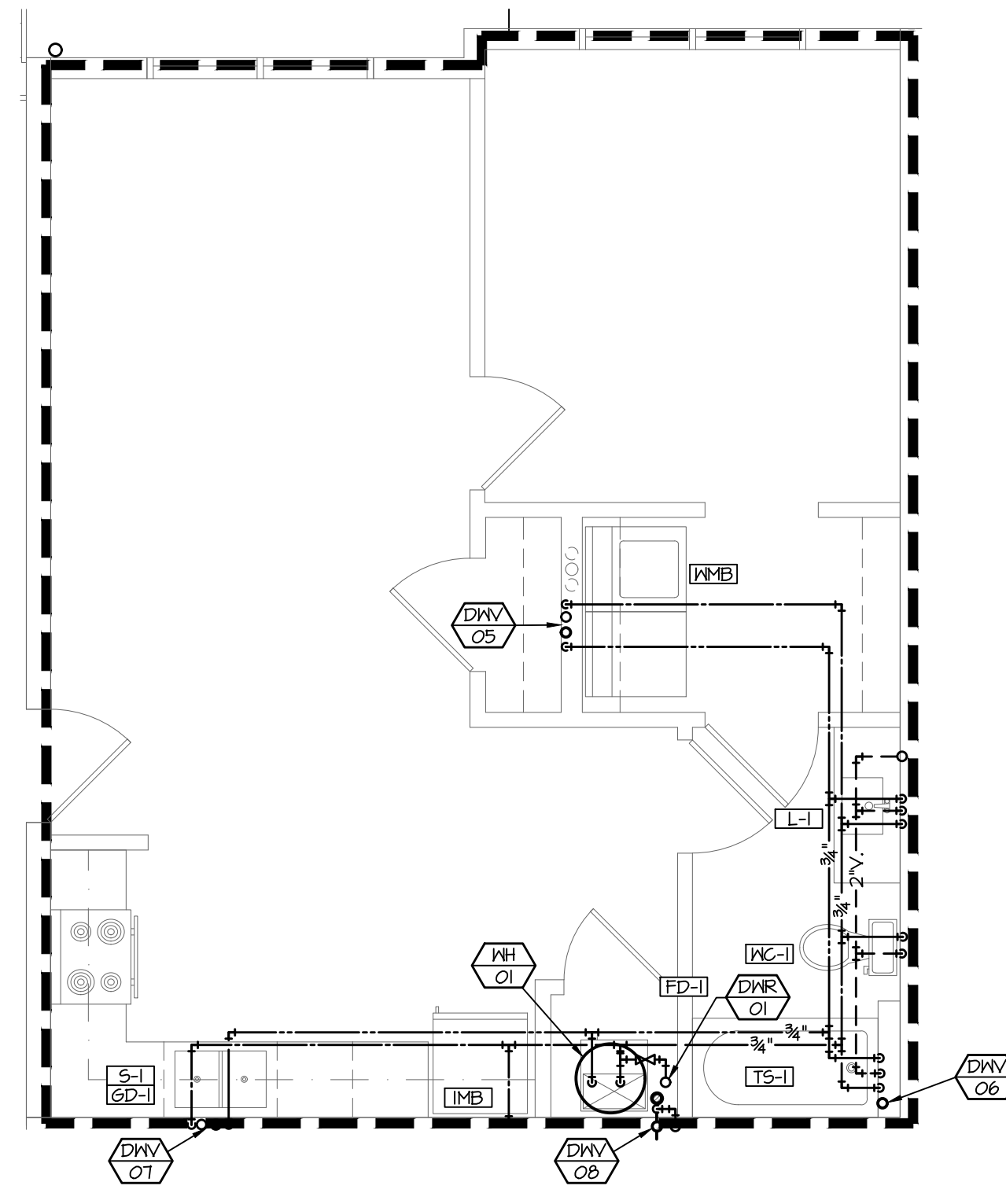
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PLAN NOTES:

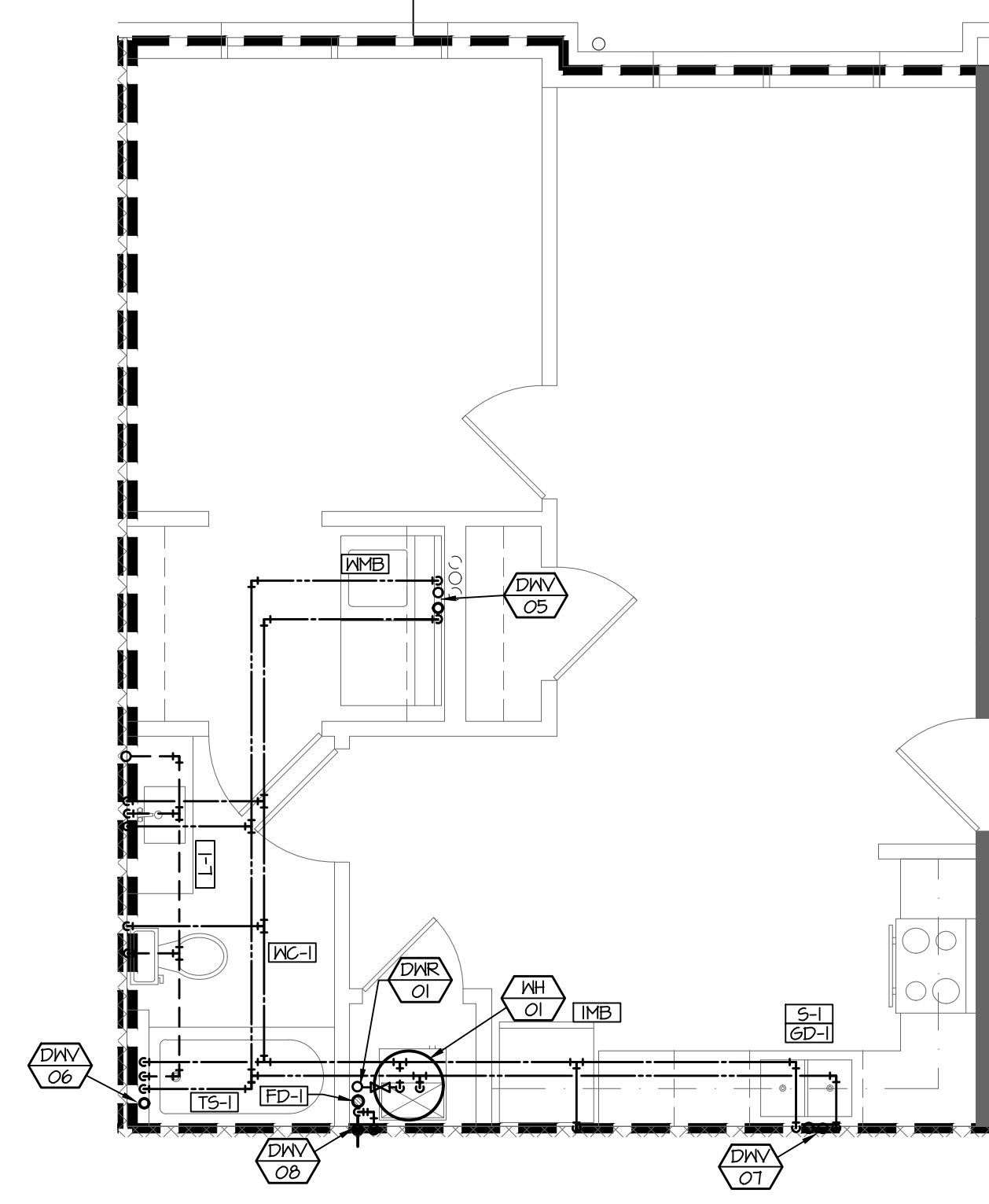
- ROUTE WATER PIPING DOWN HALL TO BELOW COUNTER FOR KITCHEN SINK.



04 ENLARGED PLUMBING PLAN (2 BED)
SCALE: 1/4" = 1'-0"



05 ENLARGED PLUMBING PLAN (1 BED REV.)
SCALE: 1/4" = 1'-0"



06 ENLARGED PLUMBING PLAN (1 BED)
SCALE: 1/4" = 1'-0"

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ENLARGED
PLUMBING PLANS

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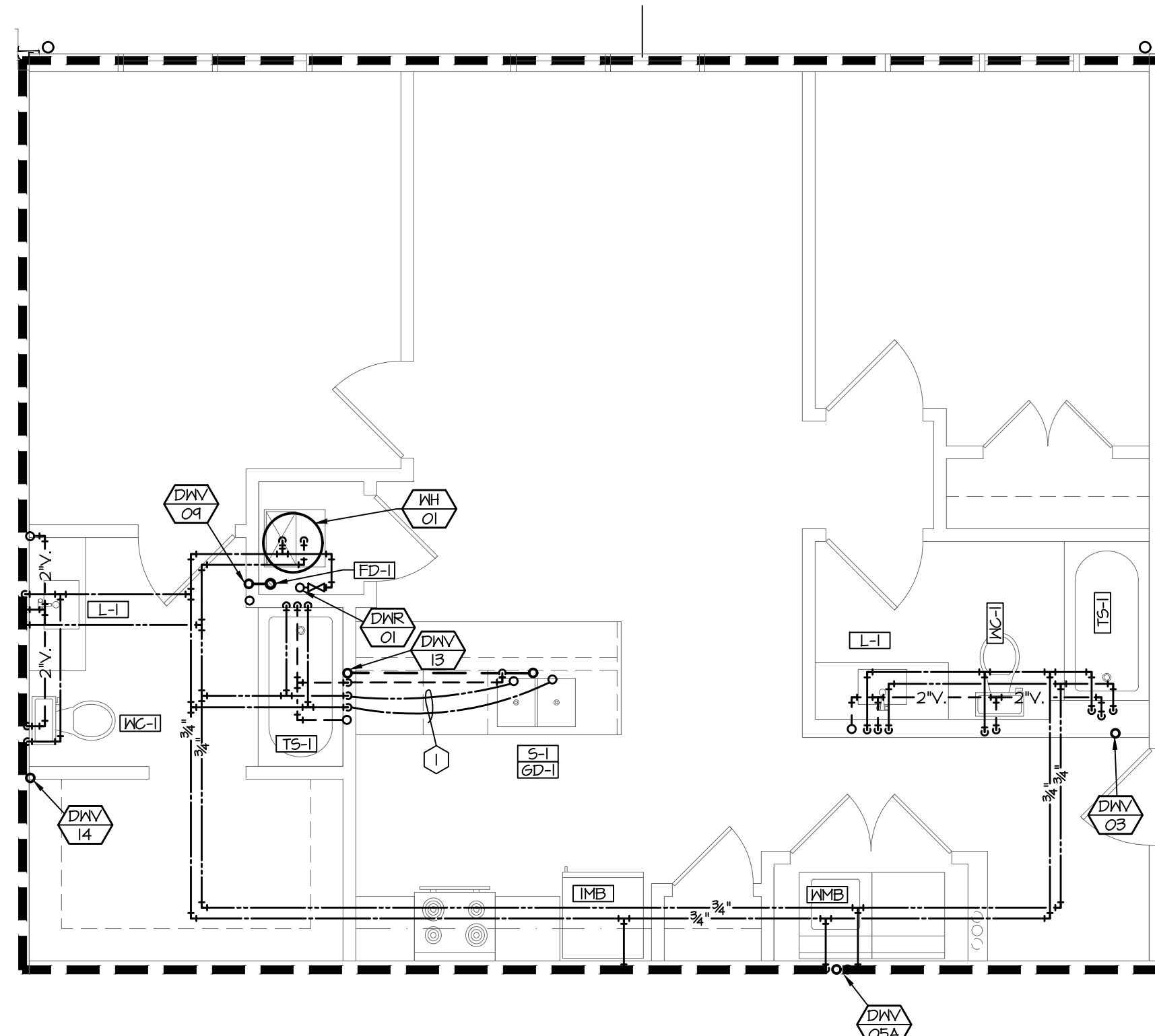
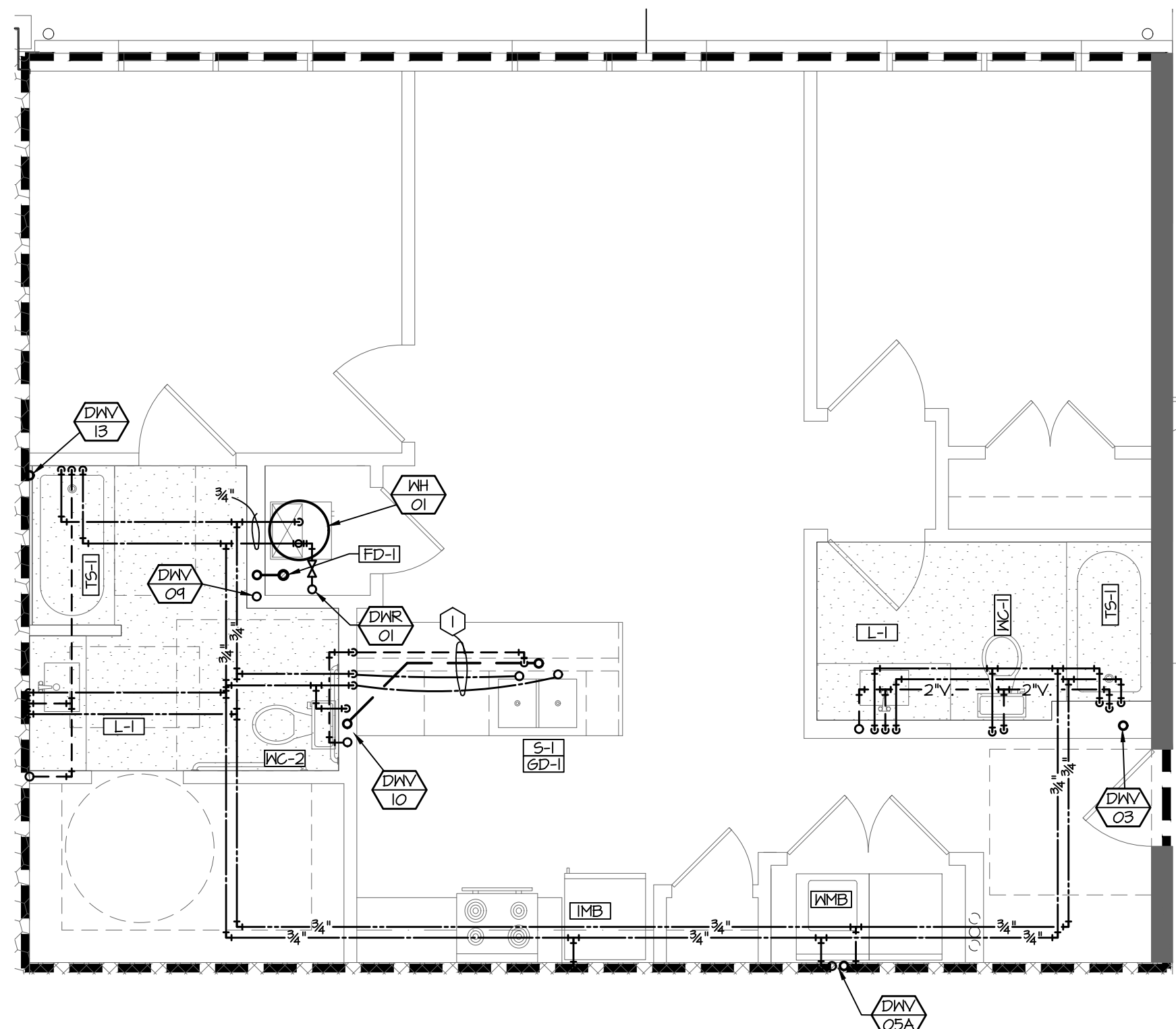
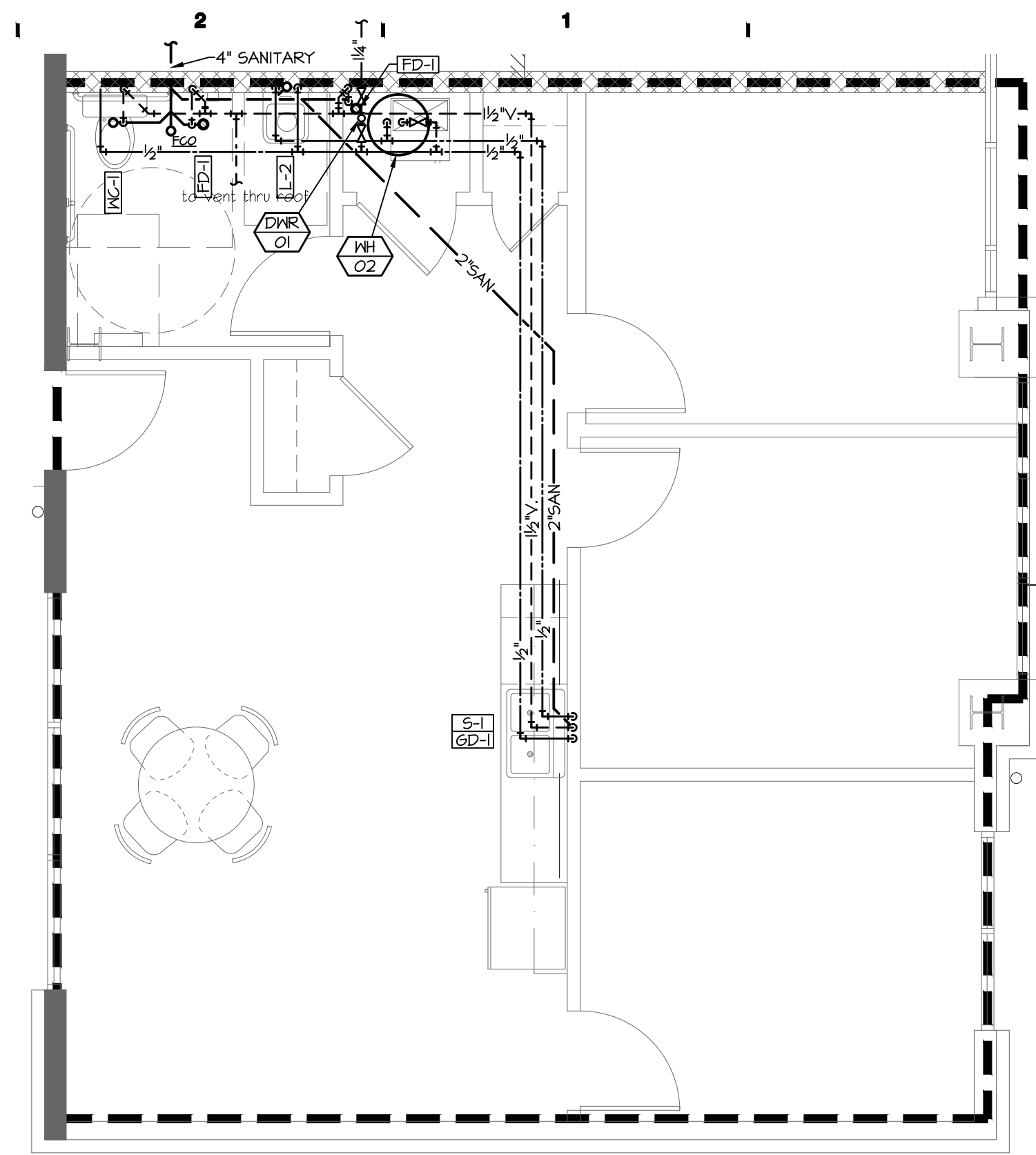
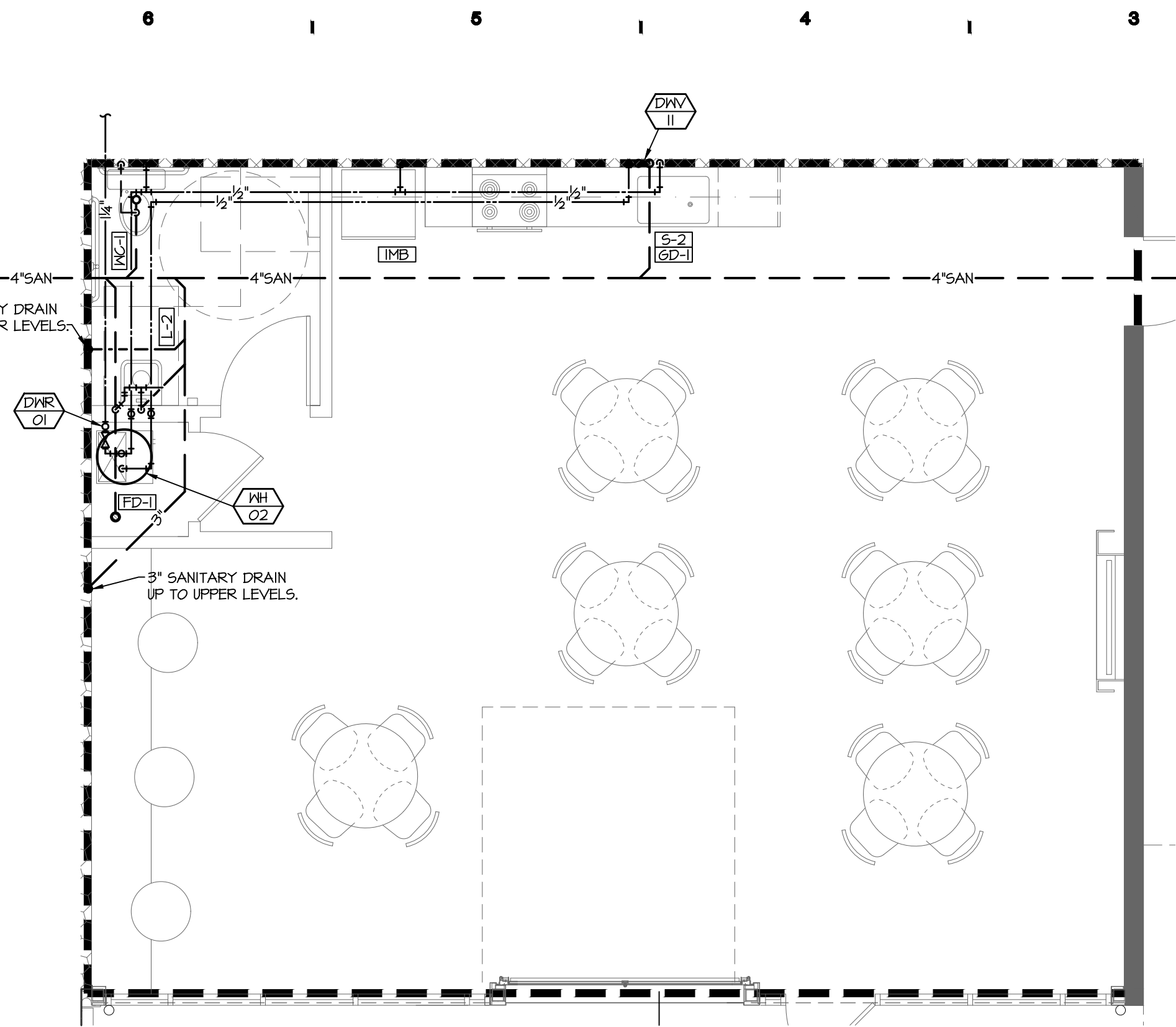
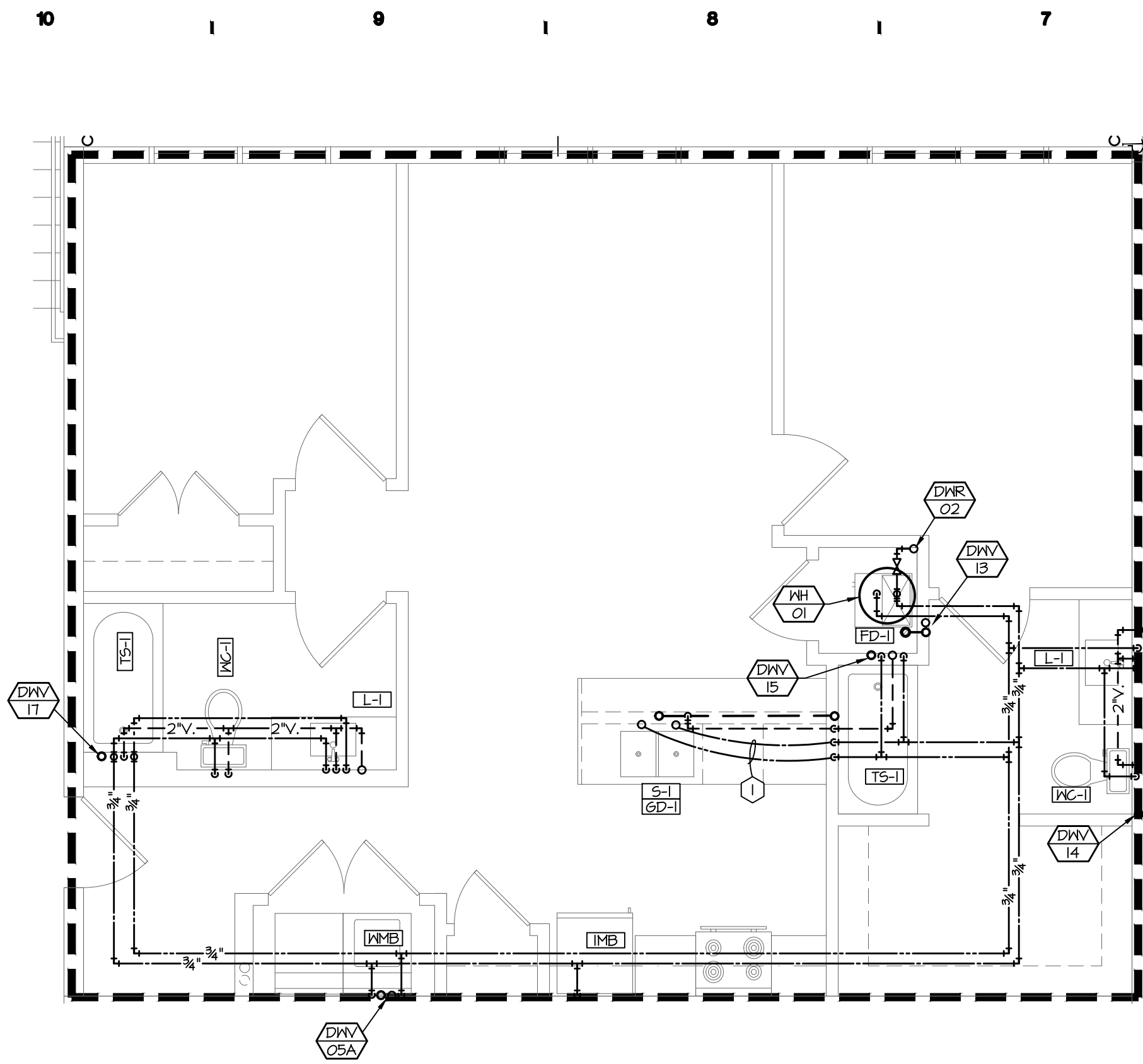
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PLAN NOTES:

- ROUTE WATER PIPING DOWN WALL TO BELOW COUNTER FOR KITCHEN SINK.

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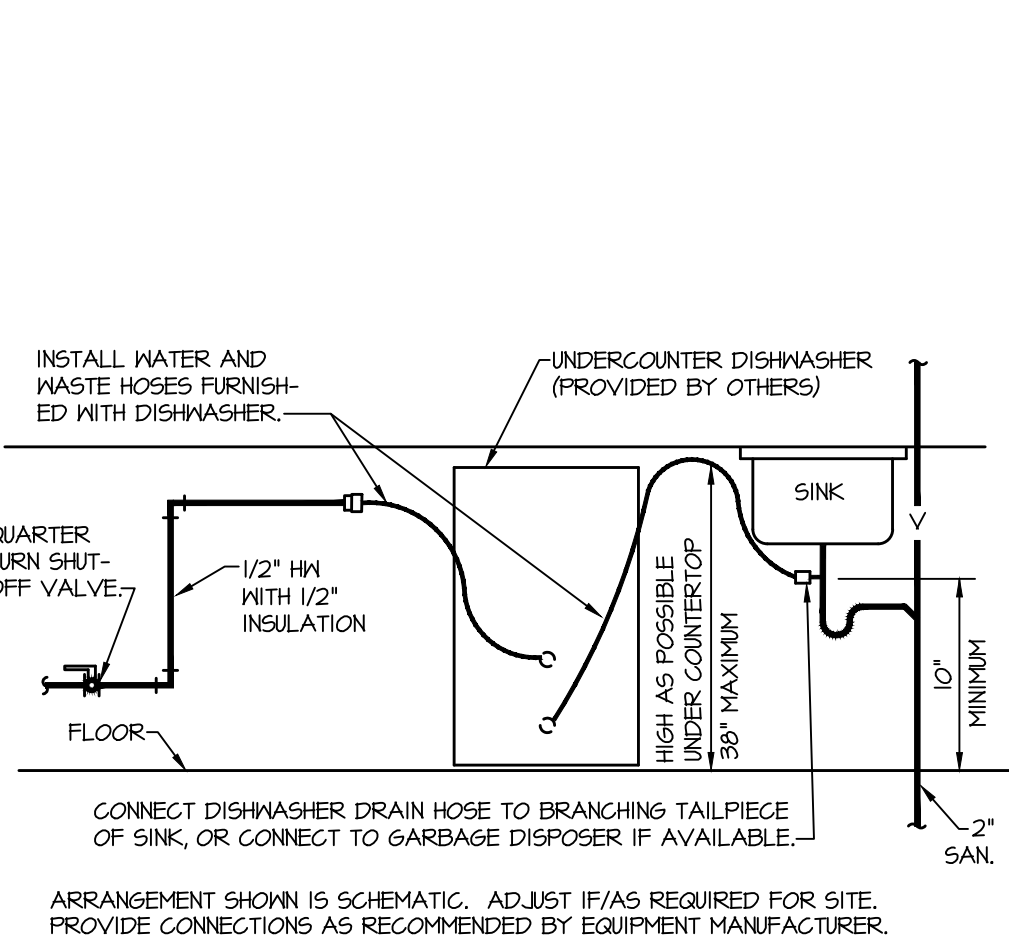
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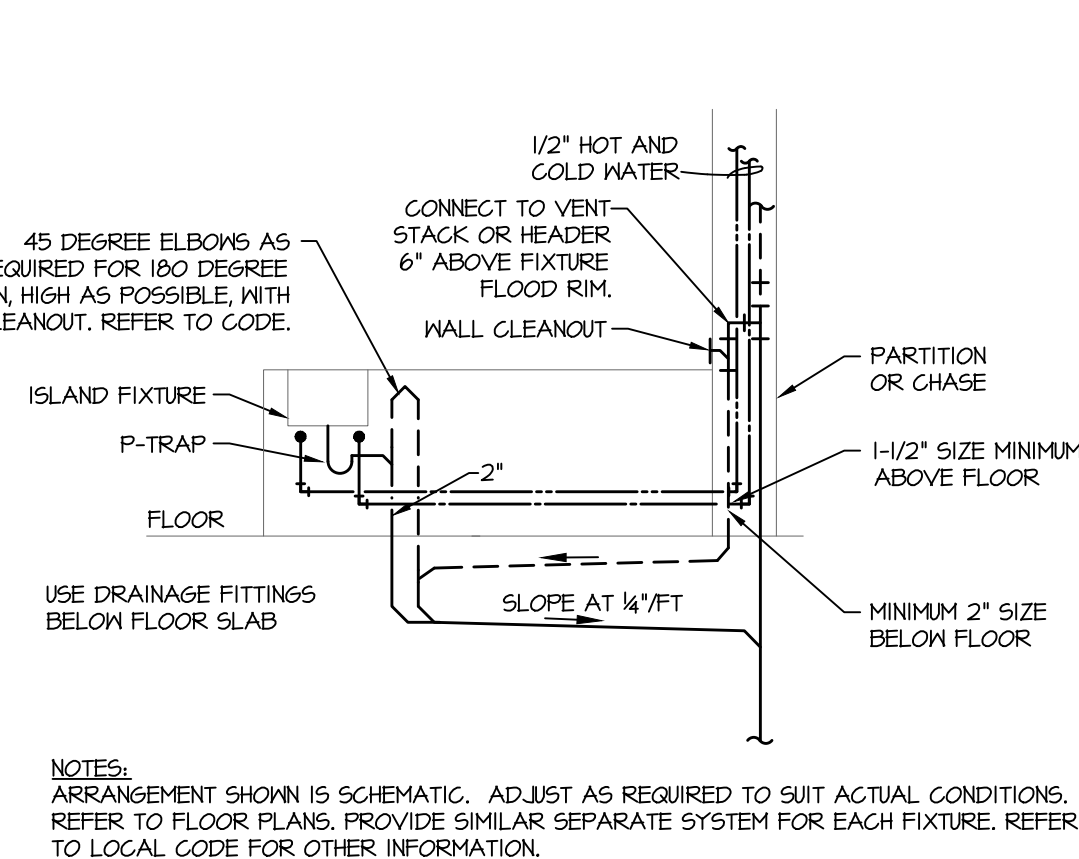
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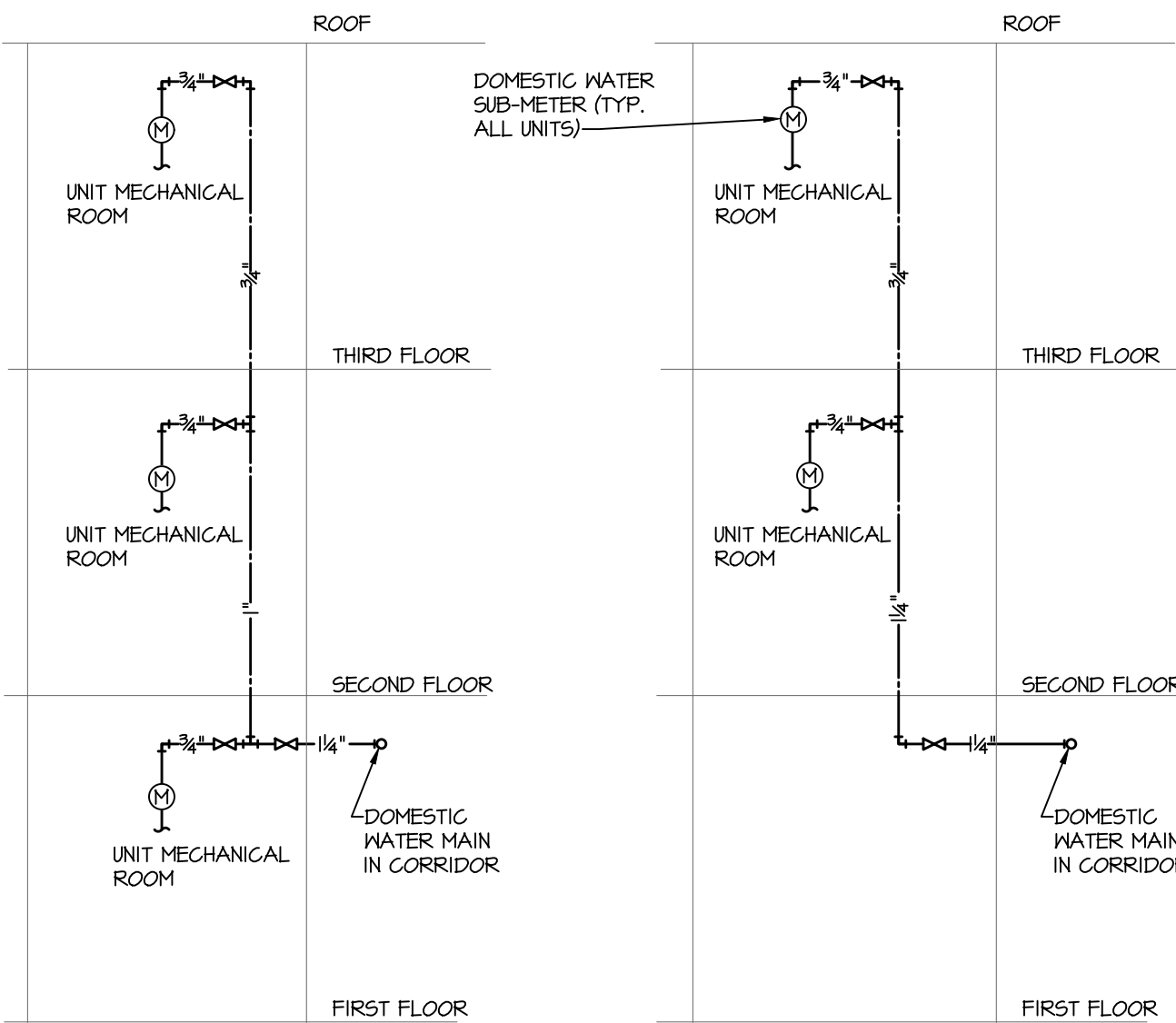
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1 Dishwasher Connection Detail
Scale: Not to Scale



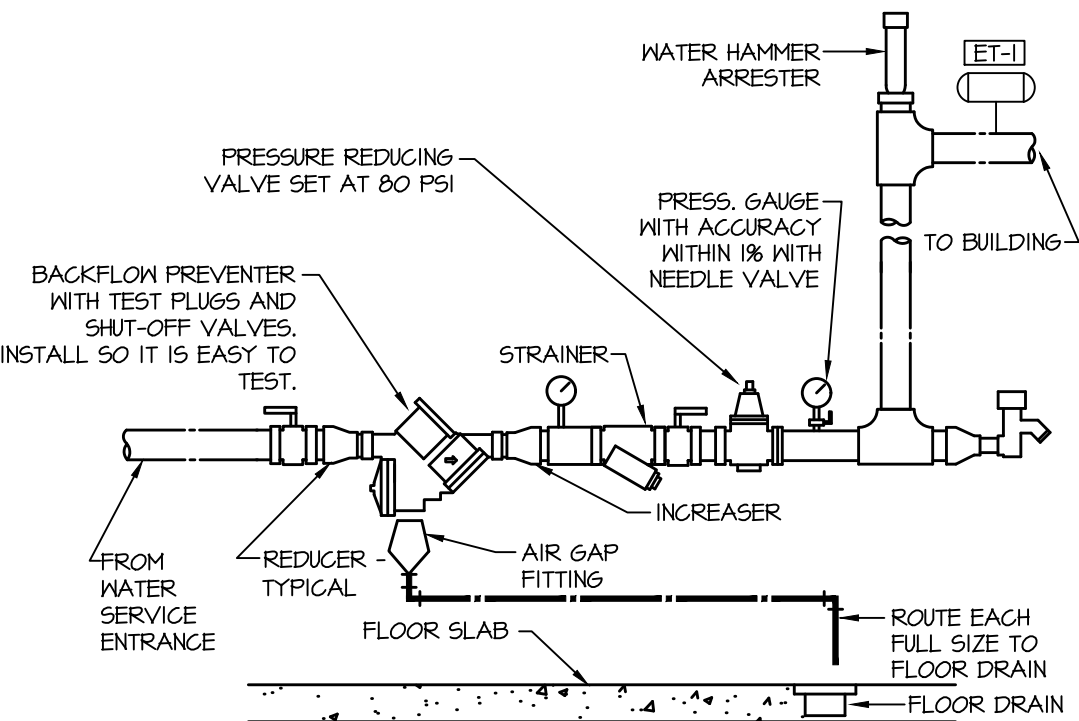
3 Island Fixture Vent
Scale: Not to Scale



DOMESTIC WATER RISER DIAGRAM DWR-01 DOMESTIC WATER RISER DIAGRAM DWR-02

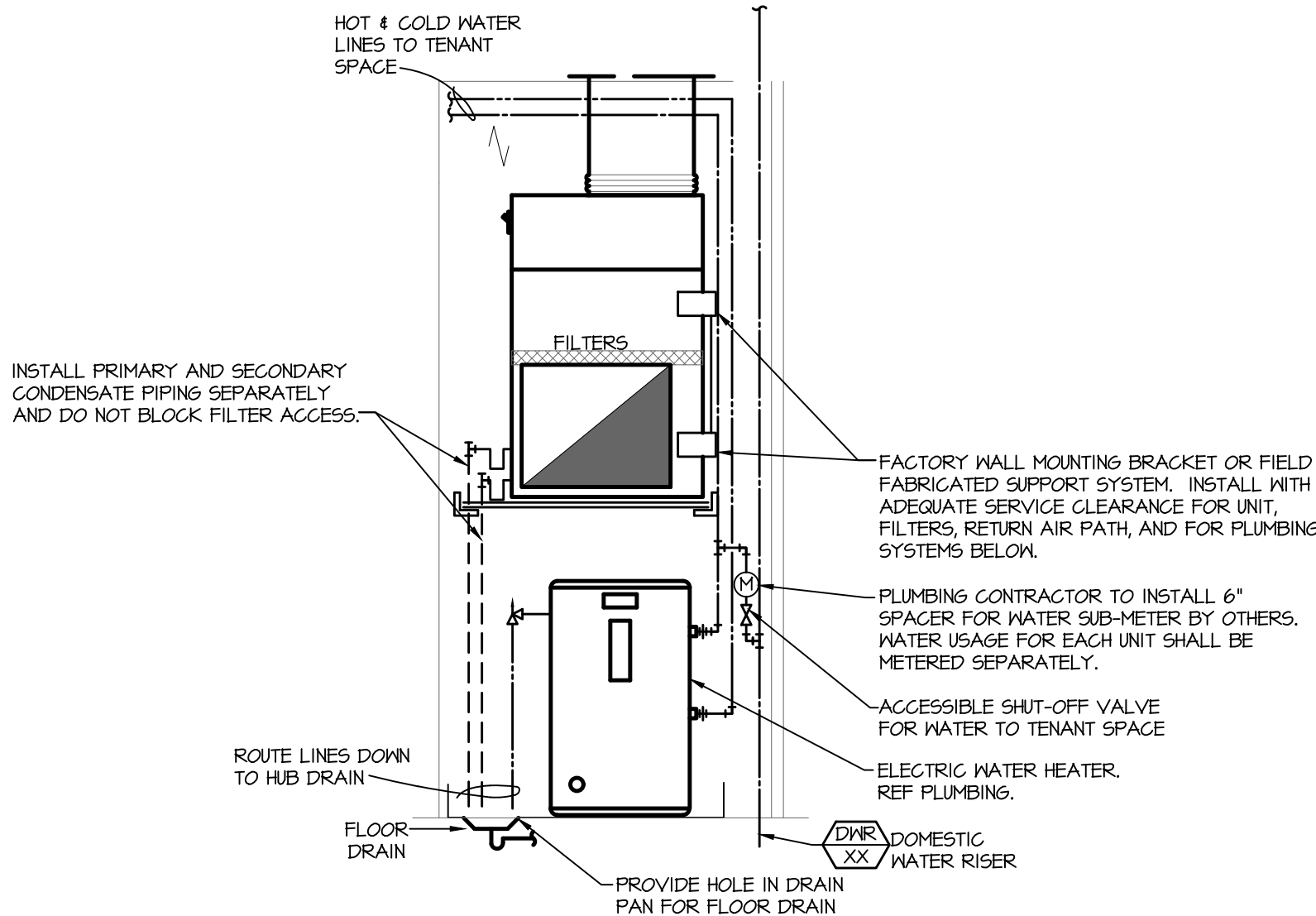
5 DOMESTIC WATER RISER DIAGRAMS
SCALE: NONE

NOTE: PLUMBING CONTRACTOR SHALL INSTALL 6" SPACER, PROVIDED BY WATER SUB-METERING COMPANY, AT AN ACCESSIBLE LOCATION DOWNSTREAM OF MAIN DOMESTIC WATER SHUT-OFF IN EACH DWELLING UNIT. SUB-METER AND ASSOCIATED EQUIPMENT SHALL BE INSTALLED BY OTHERS.



PROVIDE REDUCED PRESSURE BACKFLOW PREVENTER OF TYPE AND MANUFACTURER AS APPROVED BY LOCAL AUTHORITIES AND DEPARTMENT OF NATURAL RESOURCES. INSTALL BFP IN HORIZONTAL UPRIGHT POSITION, UNLESS NOTED OTHERWISE. STRAINER AND REDUCING VALVES MAY BE INSTALLED IN VERTICAL PIPE IF SPACE LIMITATIONS REQUIRE. CLEAN STRAINER BEFORE TURNING BUILDING OVER TO OWNER. PROVIDE ANY REQUIRED CERTIFICATION TEST OF BFP TO LOCAL AUTHORITIES. ALL ITEMS SHALL BE APPROVED FOR DOMESTIC WATER SERVICE. ARRANGEMENT SHOWN IS SCHEMATIC. MODIFY TO SUIT CONDITIONS. INSTALL BFP SO IT CAN BE EASILY SERVICED AND TESTED. SUPPORT ASSEMBLY FROM WALL BRACKET OR FLOOR STAND.

2 Domestic Water Service Entry
Scale: Not to Scale



4 Typical Unit Mechanical Closet Detail
Scale: Not to Scale

NOTE: PLUMBING CONTRACTOR SHALL INSTALL 6" SPACER, PROVIDED BY WATER SUB-METERING COMPANY, AT AN ACCESSIBLE LOCATION DOWNSTREAM OF MAIN DOMESTIC WATER SHUT-OFF IN EACH DWELLING UNIT. SUB-METER AND ASSOCIATED EQUIPMENT SHALL BE INSTALLED BY OTHERS.

PLUMBING FIXTURE SCHEDULE									
MARK	DESCRIPTION	MANUFACTURER	MODEL	TRIM	CONNECTIONS				NOTES
					CW	HW	W	V	
WC-1	FLOOR MOUNTED FLUSH TANK WATER CLOSET RIGHT HEIGHT	AMERICAN STANDARD CRANE	2886.218	ELONGATED BOWL CHURCH 4500G OPEN FRONT SEAT TOTO SC534 OPEN FRONT SEAT 42/128 GPF	1/2"	--	4"	2"	
WC-2	ADA FLOOR MOUNTED FLUSH TANK WATER CLOSET RIGHT HEIGHT	AMERICAN STANDARD CRANE	2886.204	ELONGATED BOWL CHURCH 4500G OPEN FRONT SEAT TOTO SC534 OPEN FRONT SEAT 101/6 GPF	1/2"	--	4"	2"	8
L-1	UNDERMOUNT LAVATORY	KOHLER	KATHRYN K-2330-46	BISCUIT COLOR FAUCET: F-2	--	--	1-1/4"	1-1/2"	1, 2
L-2	WALL HUNG LAVATORY	KOHLER	K-53T3	FAUCET: F-3 20X18 BASIN, CONCEALED ARM CARRIER	--	--	1-1/2"	1-1/2"	2
S-1	DOUBLE BOWL 16 GAUGE UNDERMOUNT SINK	VIGO	VG2420BLK1	STAINLESS STEEL FAUCET: F-1 GRID AND STRAINER DRAIN	--	--	2"	1-1/2"	
S-2	ADA DOUBLE BOWL 18 GAUGE SELF RIM SINK	DAYTON	D22514	STAINLESS STEEL FAUCET: F-1 GRID AND STRAINER DRAIN	--	--	2"	1-1/2"	2, 8
TS-1	SHOWER BASE ACRYLIC	AQUATIC BATH	260330M	WHITE ACRYLIC FINISH SHOWER VALVE: SV-2 RIGHT/LEFT DRAIN PER PLAN	--	--	1-1/2"	2"	
TS-2	ADA TUB / SHOWER UNIT ACRYLIC	AQUATIC BATH	260330M	WHITE ACRYLIC PANEL GRAB BARS, 24" SLIDE SHOWER VALVE: SV-1	--	--	1-1/2"	2"	
F-1	ADA SINGLE HANDLE HIGH ARC PULL DOWN KITCHEN FAUCET	KRAUS	KPF-2620	1.0 GPM AERATOR, SINGLE HOLE PULLDOWN SPRAY, CHROME FINISH CUP STRAINER DRAIN	1/2"	1/2"	--	--	2, 8
F-2	ADA SINGLE HANDLE LAVATORY FAUCET	DELTA	554-LF-PP	1.0 GPM AERATOR SINGLE HOLE POLISHED CHROME	1/2"	1/2"	--	--	2, 8
F-3	PUBLIC LAVATORY ADA FAUCET WALL MOUNT	DELTA	T3568LF-JNL	1.0 GPM AERATOR WALL MOUNT	1/2"	1/2"	--	--	8
SV-1	ADA SINGLE LEVER PRESSURE BALANCE TUB/SHOWER FAUCET	DELTA	T13H153	1.75 GPM CHROME FINISH TUB & SHOWER VALVE	1/2"	1/2"	--	--	1, 8
SV-2	PRESSURE BALANCE SHOWER FAUCET	DELTA	T13H153	1.75 GPM CHROME FINISH TUB & SHOWER VALVE	1/2"	1/2"	--	--	1
HB-1	NON-FREEZE WALL HYDRANT	PRIER	C-634BX1	VACUUM BREAKER LOOSE CONTROL KEY WALL CLAMP-WITH HYDRANT BOX	1/2"	--	--	--	6
FD-1	7" ROUND FLOOR DRAIN	WADE ZURN SMITH	1100STD Z-415 2005	NICKEL BRONZE STRAINER DEEP SEAL TRAP	--	--	--	--	4, 9
FD-2	5" ROUND SHOWER DRAIN	WADE ZURN SMITH	1100STD Z-415 2005	NICKEL BRONZE STRAINER DEEP SEAL TRAP	--	--	--	--	
ET-1	EXPANSION TANK	AMTROL TACO	THERM-X-TROL 5T-30 PAX	DOMESTIC WATER SERVICE	--	3/4"	--	--	
GD-1	GARBAGE DISPOSAL	INSINKERATOR	BADGER 5	1/3HP, 120V	--	--	--	--	
WMB	WASHING MACHINE CONNECTION BOX	GUY GRAY	W2T00	PLASTIC WASHING MACHINE BOX	1/2"	1/2"	2"	1-1/2"	3, 5
IMB	ICE MAKER CONNECTION BOX	GUY GRAY	AB4T00	PLASTIC ICEMAKER BOX	1/2"	--	--	--	3
RH-1	FREEZELESS ROOF HYDRANT NO DRAIN	FREEZE FLOW	213IR		1"	--	1/8"	--	
NOTES: 1. PROVIDE TAILPIECE DRAIN CONNECTION ON LAVATORIES OR SINKS WHERE NEEDED FOR HVAC CONDENSATE DRAINS. 2. FAUCET HOLES TO MATCH FAUCET SPECIFIED. 3. WHERE BOX IS TO BE INSTALLED IN FIRE RATED WALL, CONTRACTOR SHALL SUPPLY FIRE RATED BOXES. 4. PIPE SIZE AS SHOWN ON DRAWING. 5. PROVIDE WASHING MACHINE DRAIN PAN UNDERNEATH WASHING MACHINE AT ALL WASHING MACHINE BOX LOCATIONS. 6. PROVIDE OPERATING ROD ASSEMBLY PER MANUFACTURER'S RECOMMENDATIONS BASED ON WALL THICKNESS. 7. PIPE FOR SHOWER HEAD SHALL BE LOCATED AT 6'-8" A.F.F., ABOVE SURROUND 8. FIXTURE ASSEMBLY MUST BE APPROVED BY AND INSTALLED PER ADA. 9. PROVIDE SURESEAL 55X000V INLINE FLOOR DRAIN TRAP SEAL WITH ASSE 10T2 RATING. GENERAL NOTES: A. PROVIDE INSULATION KIT ON ALL ADA FIXTURES WITH EXPOSED TRAP AND SUPPLIES. B. PROVIDE TAILPIECE DRAIN CONNECTION ON LAVATORIES OR SINKS WHERE NEEDED FOR HVAC CONDENSATE DRAINS.									

WATER HEATER SCHEDULE								
MARK	MANUFACTURER	MODEL	CAPACITY (GAL)	INPUT (kW)	OUTPUT (kW)	RECOVERY (GPH)	V/PH	NOTES
WH-1	BRADFORD WHITE	RE240L6	38	4.5	-	21.0	208/1	RESIDENCE
WH-2	BRADFORD WHITE	RE230L6	28	4.5	-	20.0	208/1	OFFICE
GENERAL NOTES (APPLIES TO ALL ABOVE): A. PROVIDE ASME PRESSURE AND TEMPERATURE RELIEF VALVE. B. PROVIDE DIELECTRIC CONNECTIONS AT WATER HEATER. C. ALL WATER HEATERS 200 MBH OR LARGER SHALL HAVE ASME RATING. D. RESTROOM RECOVERY BASED ON 90 DEGREE TEMPERATURE RISE.								

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02/04/19
PLUMBING
SCHEDULES &
DETAILS

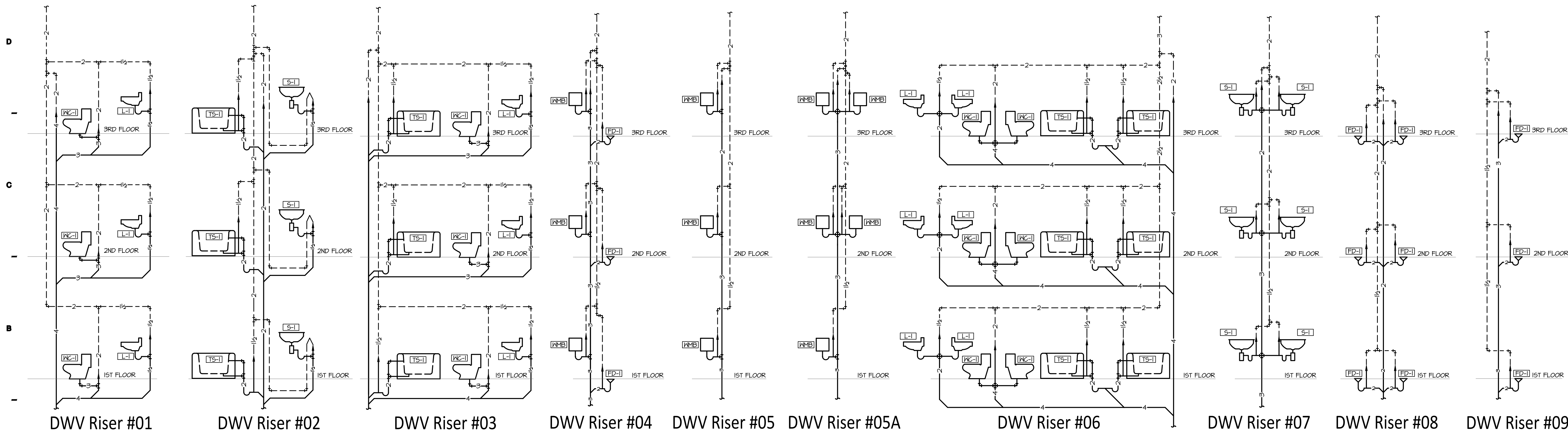
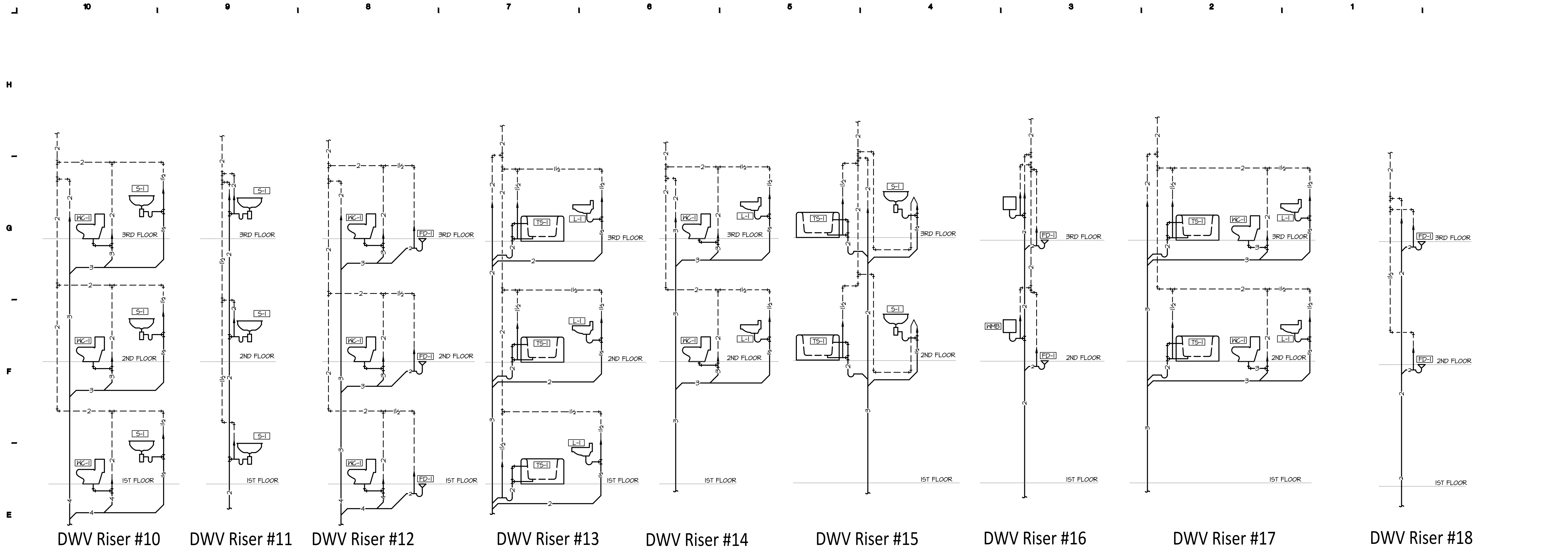
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CASEY JOHN STEINER
NUMBER
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02/04/19

PLUMBING RISER
DIAGRAMS

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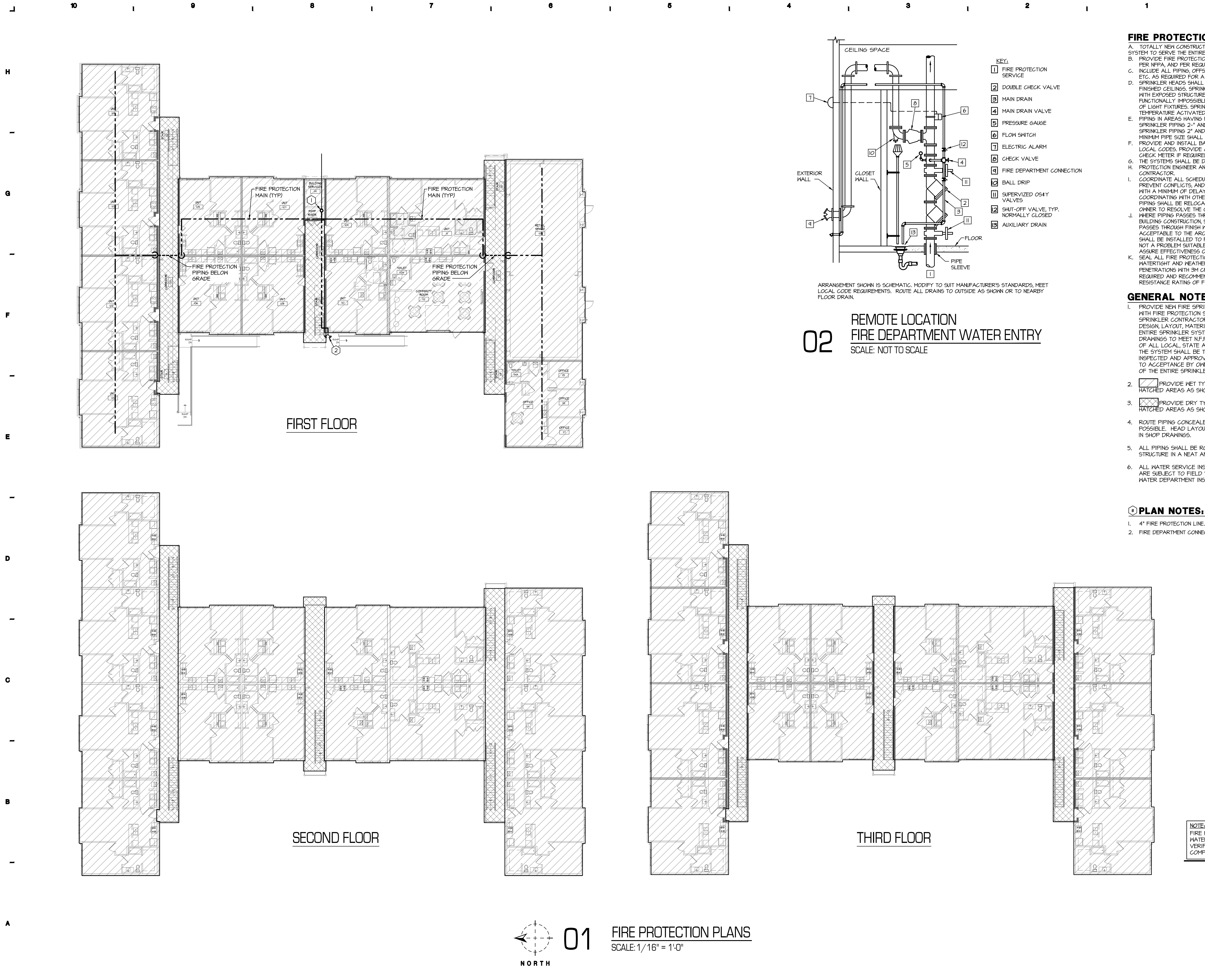
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FIRE PROTECTION GENERAL NOTES:

A. TOTALLY NEW CONSTRUCTION: PROVIDE A COMPLETE AUTOMATIC SPRINKLER SYSTEM TO SERVE THE ENTIRE BUILDING.

B. PROVIDE FIRE PROTECTION SYSTEM COMPLETE, PER APPLICABLE CODES, PER NFPA, AND PER REQUIREMENTS OF AUTHORITIES HAVING JURISDICTION.

C. INCLUDE ALL PIPING, OFFSETS, FITTINGS, DRAINS, VALVES, SUPPORTS, HEADS, ETC. AS REQUIRED FOR A COMPLETE OPERABLE SYSTEM.

D. SPRINKLER HEADS SHALL BE WHITE SEMI-RECESSED FOR AREAS WITH FINISHED CEILINGS. SPRINKLER HEADS SHALL BE ROUGH BRASS FOR AREAS WITH EXPOSED STRUCTURE. SPRINKLER HEADS IN CEILINGS, UNLESS FUNCTIONALLY IMPOSSIBLE, SHALL BE CENTERED WITH AND BETWEEN ROWS OF LIGHT FIXTURES. SPRINKLER HEADS IN MACHINE ROOMS SHALL BE 212F TEMPERATURE ACTIVATED.

E. PIPING IN AREAS HAVING FINISHED CEILINGS SHALL BE CONCEALED. SPRINKLER PIPING 2" AND LARGER MAY BE SCHEDULE 10 BLACK STEEL. SPRINKLER PIPING 2" AND SMALLER SHALL BE SCHEDULE 40 BLACK STEEL. MINIMUM PIPE SIZE SHALL BE 1".

F. PROVIDE AND INSTALL BACKFLOW PREVENTION EQUIPMENT AS REQUIRED BY LOCAL CODES. PROVIDE AND INSTALL FULL FLOW FIRE METER OR DETECTOR CHECK METER IF REQUIRED.

G. THE SYSTEMS SHALL BE DESIGNED BY A LICENSED FIRE PROTECTION ENGINEER AND INSTALLED BY A LICENSED SPRINKLER CONTRACTOR.

H. COORDINATE ALL SCHEDULING AND WORK WITH OTHER TRADES SO AS TO PREVENT CONFLICTS, AND TO ENSURE ORDERLY PROGRESS OF THE WORK, WITH A MINIMUM OF DELAYS. WHERE SPRINKLER PIPING IS INSTALLED WITHOUT COORDINATING WITH OTHER TRADES AND CONFLICTS OCCUR, SPRINKLER PIPING SHALL BE RELOCATED AS REQUIRED AT NO ADDITIONAL COST TO THE OWNER TO RESOLVE THE CONFLICTS.

I. WHERE PIPING PASSES THROUGH WALLS, FLOORS, CEILINGS, OR OTHER BUILDING CONSTRUCTION SLEEVES MUST BE USED. WHERE EXPOSED PIPING PASSES THROUGH FINISH WORK, CHROME PLATED OR OTHER FINISH ACCEPTABLE TO THE ARCHITECT, SPLIT WALL PLATES OR ESCUTCHEONS SHALL BE INSTALLED TO FIT SNUGLY AROUND THE PIPING. WHERE FINISH IS NOT A PROBLEM SUITABLE PLATES SHALL BE PROVIDED AT EACH HOLE TO ASSURE EFFECTIVENESS OF CONSTRUCTION AS A FIRE STOP.

J. SEAL ALL FIRE PROTECTION FLOOR, WALL AND ROOF PENETRATIONS WATER-TIGHT AND WEATHER-TIGHT. CAULK AROUND FIRE PROTECTION PENETRATIONS WITH 3M GP-25 FIRE BARRIER CAULK (THICKNESS AS REQUIRED AND RECOMMENDED BY MANUFACTURER) TO MAINTAIN FIRE RESISTANCE RATING OF FIRE-RATED ASSEMBLIES.

GENERAL NOTES:

1. PROVIDE NEW FIRE SPRINKLER SERVICE ENTRANCE IN ACCORDANCE WITH FIRE PROTECTION SERVICE ENTRY DETAIL. THE FIRE SPRINKLER CONTRACTOR (FSC) SHALL BE RESPONSIBLE FOR THE DESIGN, LAYOUT, MATERIALS AND COMPLETE INSTALLATION OF THE ENTIRE SPRINKLER SYSTEM. THE FSC SHALL PREPARE ALL NEEDED DRAWINGS TO MEET NFPA 13 REQUIREMENTS AND HAVE APPROVAL OF ALL LOCAL, STATE AND INSURANCE UNDERWRITING AUTHORITIES. THE SYSTEM SHALL BE TESTED UNDER PRESSURE BY THE FSC AND INSPECTED AND APPROVED BY THE LOCAL FIRE MARSHAL PRIOR TO ACCEPTANCE BY OWNER. THE FSC SHALL COORDINATE LOCATION OF THE ENTIRE SPRINKLER SYSTEM WITH ALL OTHER TRADES.

2. PROVIDE WET TYPE FIRE PROTECTION SYSTEM FOR SINGLE HATCHED AREAS AS SHOWN AT LEFT.

3. PROVIDE DRY TYPE FIRE PROTECTION SYSTEM FOR DOUBLE HATCHED AREAS AS SHOWN AT LEFT.

4. ROUTE PIPING CONCEALED ABOVE CEILING OR IN WALLS WHERE POSSIBLE. HEAD LAYOUT AND BRANCH PIPING SHALL BE SUBMITTED IN SHOP DRAWINGS.

5. ALL PIPING SHALL BE ROUTED AT 90 DEGREE ANGLES TO THE STRUCTURE IN A NEAT AND ORDERLY FASHION.

6. ALL WATER SERVICE INSTALLATIONS INCLUDING BACKFLOW DEVICES ARE SUBJECT TO FIELD VERIFICATION AND APPROVAL BY THE WATER DEPARTMENT INSPECTOR.

PLAN NOTES:

1. 4" FIRE PROTECTION LINE.

2. FIRE DEPARTMENT CONNECTION.

NOTE:
FIRE PROTECTION ENGINEER SHALL PERFORM WATER FLOW RATE AND PRESSURE TESTS AND VERIFY PRESSURE AVAILABLE AT SITE BEFORE COMPLETING FINAL DESIGN.

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**FIRE PROTECTION
PLANS**

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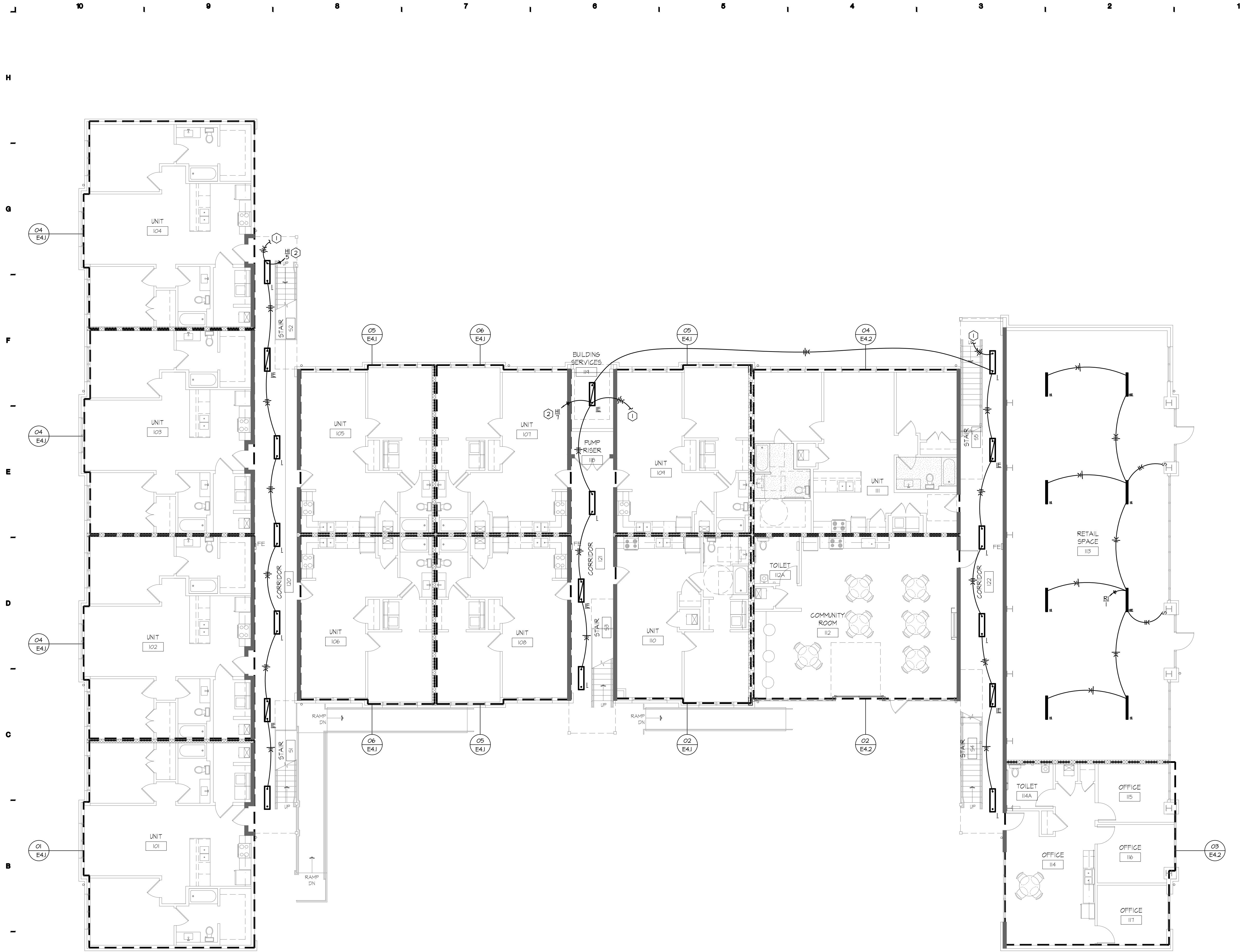
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B. ELECTRICAL CONTRACTOR SHALL DERATE CONDUCTORS AS REQUIRED BY THE N.E.C. WHEN GROUPED IN COMMON RACEWAYS.

C. COORDINATE THE EXACT LIGHT FIXTURE LOCATIONS WITH THE ARCHITECTURAL DRAWINGS.

D. ALL WIRES RUN BELOW GRADE, IN CONCRETE THAT IS IN DIRECT CONTACT WITH THE EARTH, OR MASONRY THAT IS IN DIRECT CONTACT WITH THE EARTH SHALL BE MET LOCATION LISTED.

E. PROVIDE SEPARATE NEUTRALS FOR DIMMING CIRCUITS.

F. ALL ELECTRICAL BRANCH CIRCUITS SERVING OUTLETS AND LIGHTING IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER.

PLAN NOTES:

1. CIRCUIT CONTINUES TO FLOOR(S) ABOVE. SEE E1.2 FOR CONTINUATION.

2. HOMERUN WITH (2) #10 & #10 GROUND WIRE IN A 3/4" CONDUIT. ROUTE THROUGH TIME CLOCK AND PHOTOCELL. REFERENCE EXTERIOR LIGHTING CONTROL SCHEMATIC DETAIL 1 ON SHEET MFE1.1.

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**FIRST FLOOR
LIGHTING PLAN**

ISSUE DATE:
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REVISIONS:

PROJECT NO.: 1803

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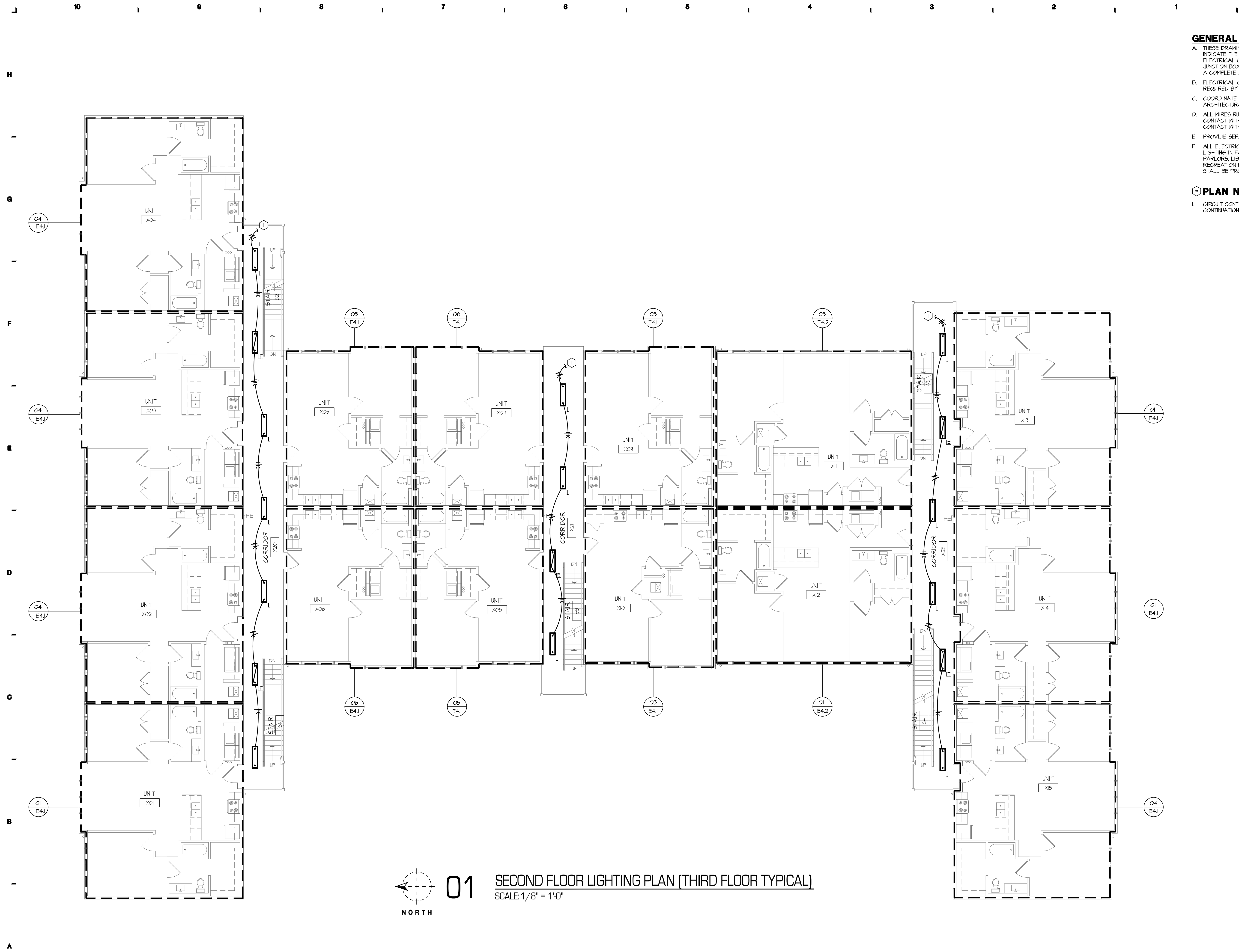
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01

FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

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PLAN NOTES:

I. CIRCUIT CONTINUES TO FLOOR(S) BELOW. SEE E1.1 FOR CONTINUATION.



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SECOND FLOOR
LIGHTING PLAN
(THIRD FLOOR
TYPICAL)

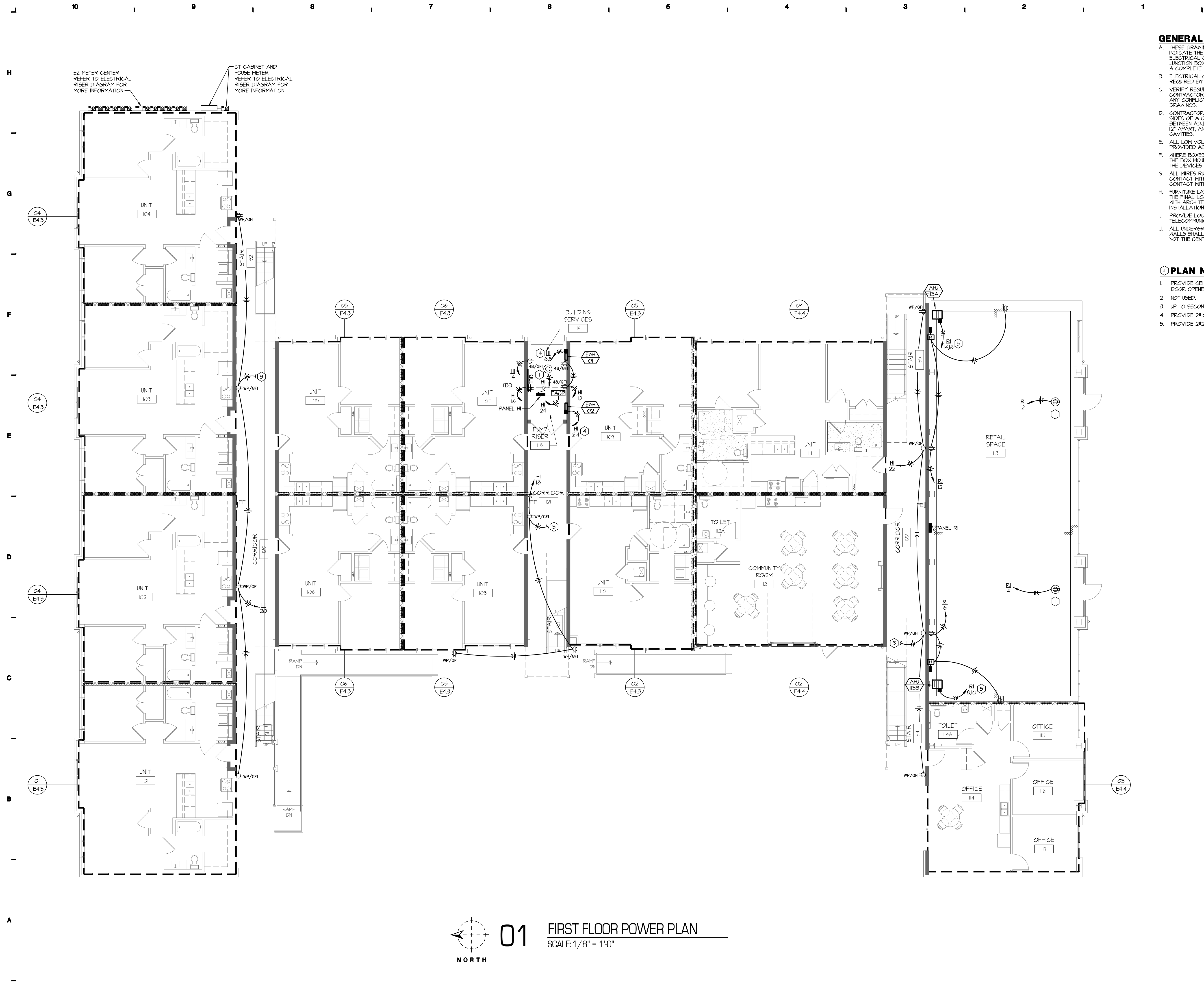
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 - I. PROVIDE LOCKING CLIPS ON ALL CIRCUIT BREAKERS SERVING TELECOMMUNICATION EQUIPMENT AND FIRE ALARM CONTROL.
 - J. ALL UNDERGROUND ELECTRICAL ROUGH-INS AT 2-HOUR FIRE WALLS SHALL BE TO THE CENTER OF THE FRAMED WALL, AND NOT THE CENTER OF THE RATED ASSEMBLY.

- PLAN NOTES:**
- 1. PROVIDE CEILING MOUNTED DUPLEX RECEPTACLE FOR GARAGE DOOR OPENER.
 - 2. NOT USED.
 - 3. UP TO SECOND FLOOR.
 - 4. PROVIDE 2#10 & #10 GRD. IN 1/2" C.
 - 5. PROVIDE 2#2 & #8 GRD. IN 1-1/4" C.

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**FIRST FLOOR
POWER PLAN**

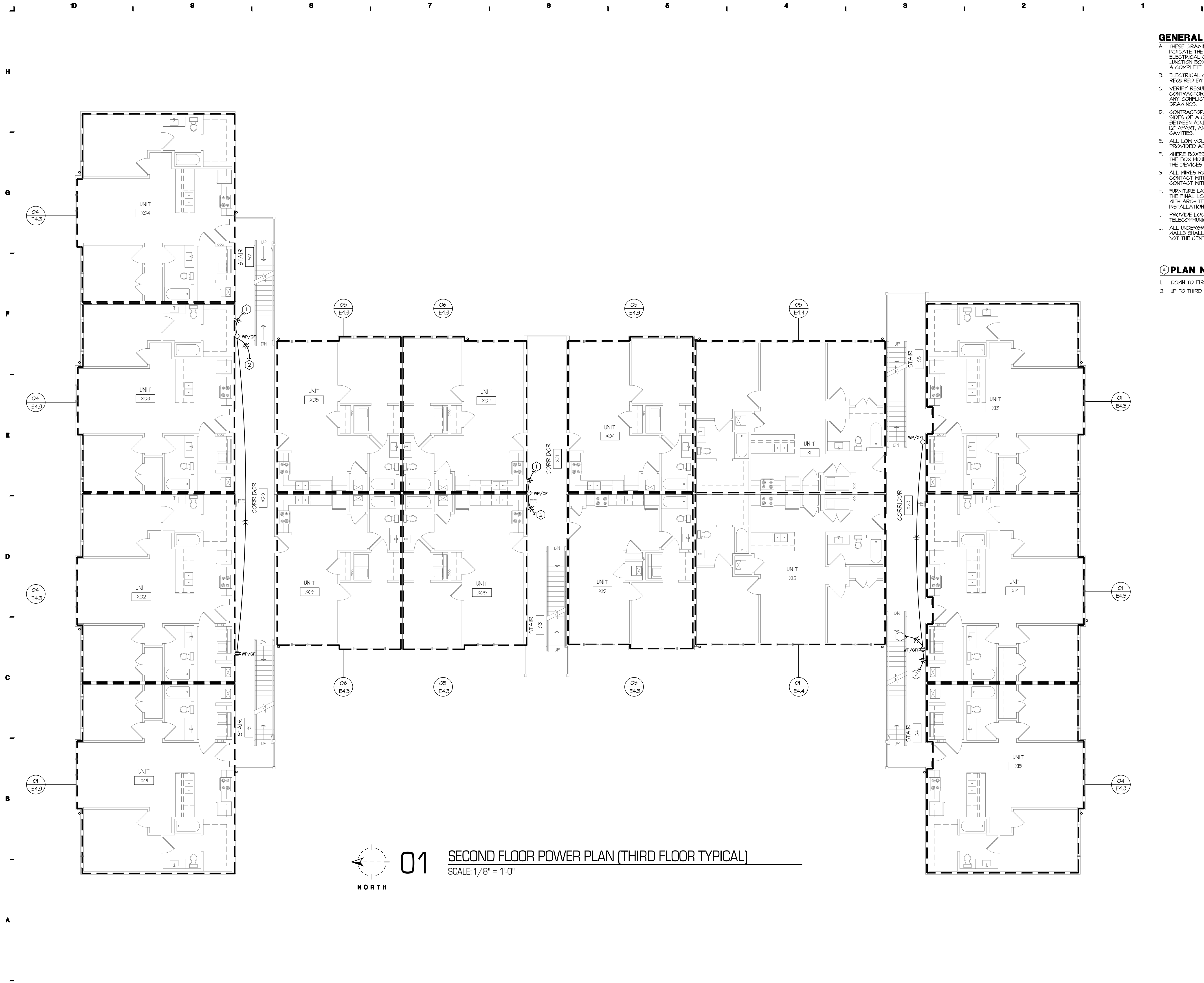
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01

SECOND FLOOR POWER PLAN (THIRD FLOOR TYPICAL)

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

GENERAL NOTES:

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- ALL UNDERGROUND ELECTRICAL ROUGH-INS AT 2-HOUR FIRE WALLS SHALL BE TO THE CENTER OF THE FRAMED WALL, AND NOT THE CENTER OF THE RATED ASSEMBLY.

PLAN NOTES:

- DOWN TO FIRST FLOOR.
- UP TO THIRD FLOOR.

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SECOND FLOOR
POWER PLAN
(THIRD FLOOR
TYPICAL)

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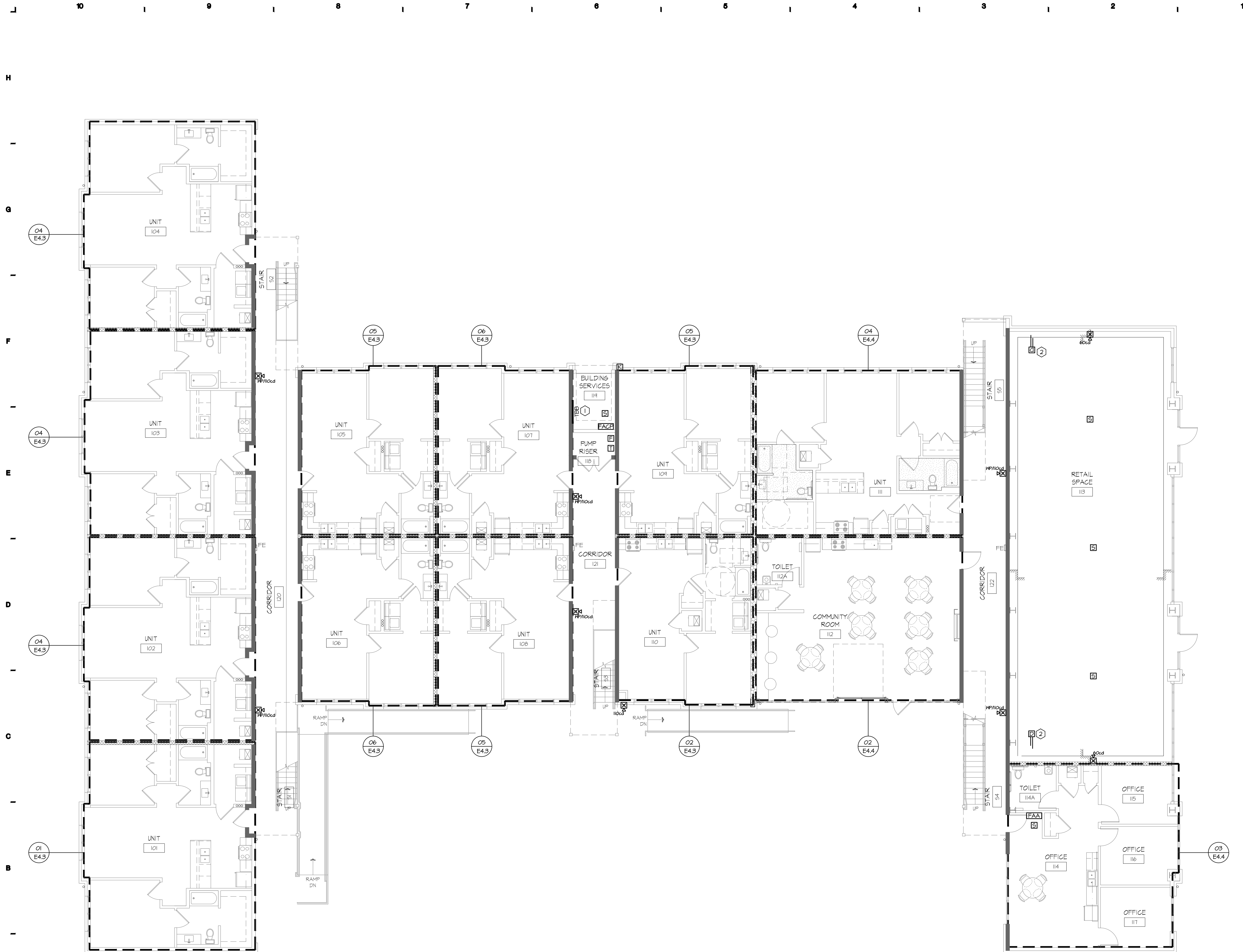
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 - F. PROVIDE JUNCTION BOXES AND 3/4" CONDUIT WITH PULL-STRINGS UP TO ACCESSIBLE LOCATION IN PLENUM AT ALL VOICE AND DATA OUTLET LOCATIONS.
 - G. WHERE BOXES ARE INSTALLED IN CONCRETE BLOCK WALLS, THE BOX MOUNTING HEIGHT SHALL BE AT THE BLOCK JOINT AND THE DEVICES SHALL BE PROVIDED WITH A JUMBO COVERPLATE.
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 - J. PROVIDE LOCKING CLIPS ON ALL CIRCUIT BREAKERS SERVING TELECOMMUNICATION EQUIPMENT AND FIRE ALARM CONTROL PANELS.
 - K. ALL UNDERGROUND ELECTRICAL ROUGH-INS AT 2-HOUR FIRE WALLS SHALL BE TO THE CENTER OF THE FRAMED WALL, AND NOT THE CENTER OF THE RATED ASSEMBLY.

- PLAN NOTES:**
- 1. PROVIDE 48"x48"x3" FIRE RATED PLYWOOD TELECOMMUNICATIONS BACKBOARD. PROVIDE GROUNDING BUS AND CONNECT TO SYSTEM GROUND. PROVIDE (2) 4" CONDUIT FOR TELECOMMUNICATIONS SERVICE. EXTEND CONDUIT XXXX TO PROPERTY LINE. COORDINATE EXACT SERVICE LOCATION WITH SERVICE PROVIDER. PROVIDE 4" CONDUIT SLEEVES THROUGH FLOOR FOR TELECOMMUNICATIONS CABLING. COORDINATE NUMBER OF SLEEVES REQUIRED WITH SERVICE PROVIDER.
 - 2. ELECTRICAL CONTRACTOR SHALL PROVIDE DUCT SMOKE DETECTOR IN SUPPLY AIR DUCT FOR ALL HVAC UNITS GREATER THAN 2000 CFM SUPPLY. DUCT DETECTORS WITH SHUT DOWN RELAY SHALL BE EQUAL TO SIMPLEX MODEL #4090-4156 WITH SAMPLING TUBE IN LENGTH PROPER FOR DUCT SIZE, #2090-4806 REMOTE KEYED TEST STATION WITH LED ALARM MONITORING. INTERLOCK WITH UNIT TO SHUT DOWN UPON ALARM.



01 FIRST FLOOR SPECIAL SYSTEMS PLAN
SCALE: 1/8" = 1'-0"

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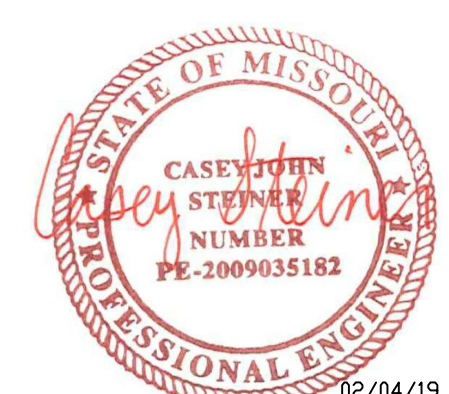


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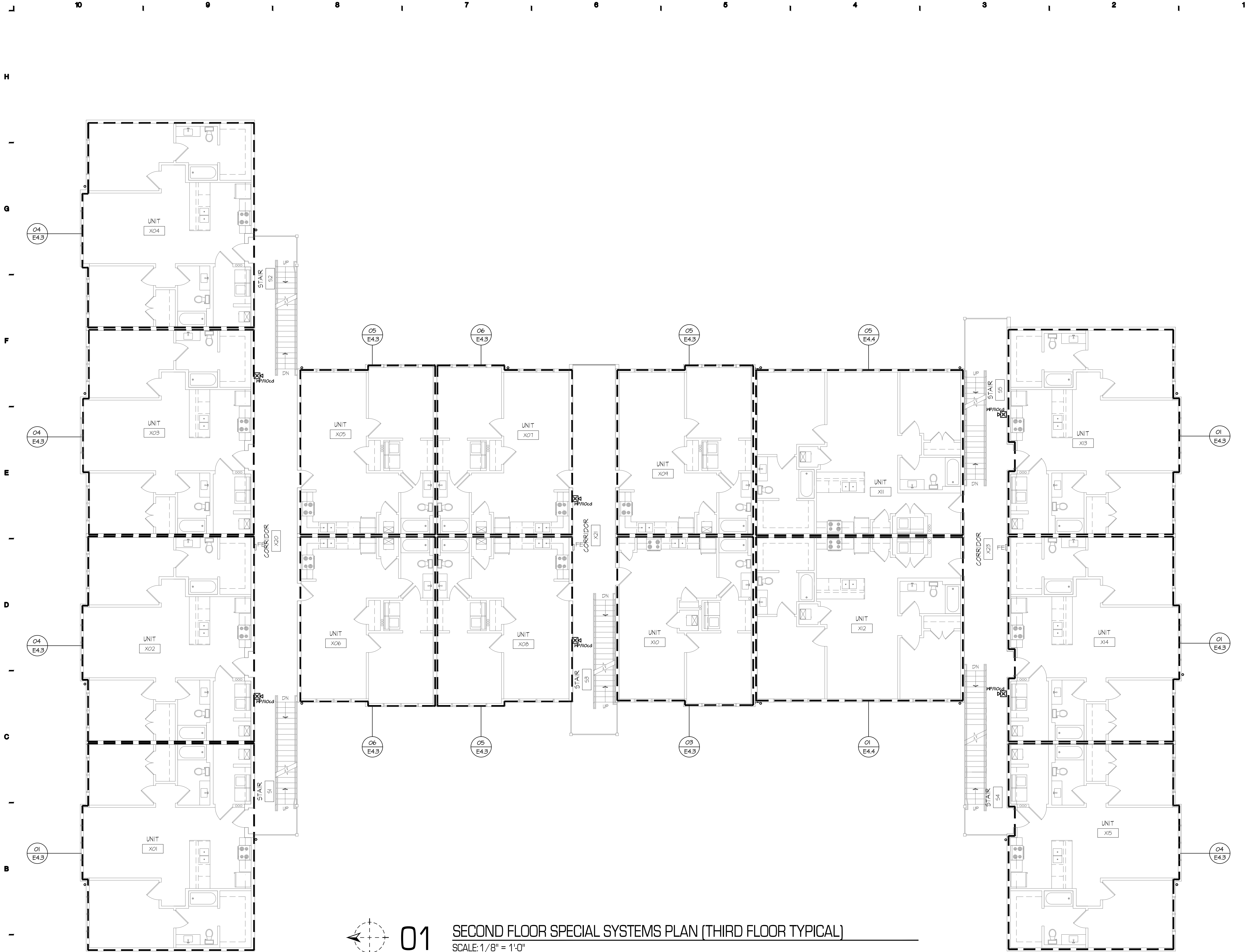
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FIRST FLOOR
SPECIAL SYSTEMS
PLAN

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SECOND FLOOR SPECIAL SYSTEMS PLAN (THIRD FLOOR TYPICAL)

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

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PLAN NOTES:

1.

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12/24/19
SECOND FLOOR
SPECIAL SYSTEMS
PLAN
(THIRD FLOOR TYPICAL)

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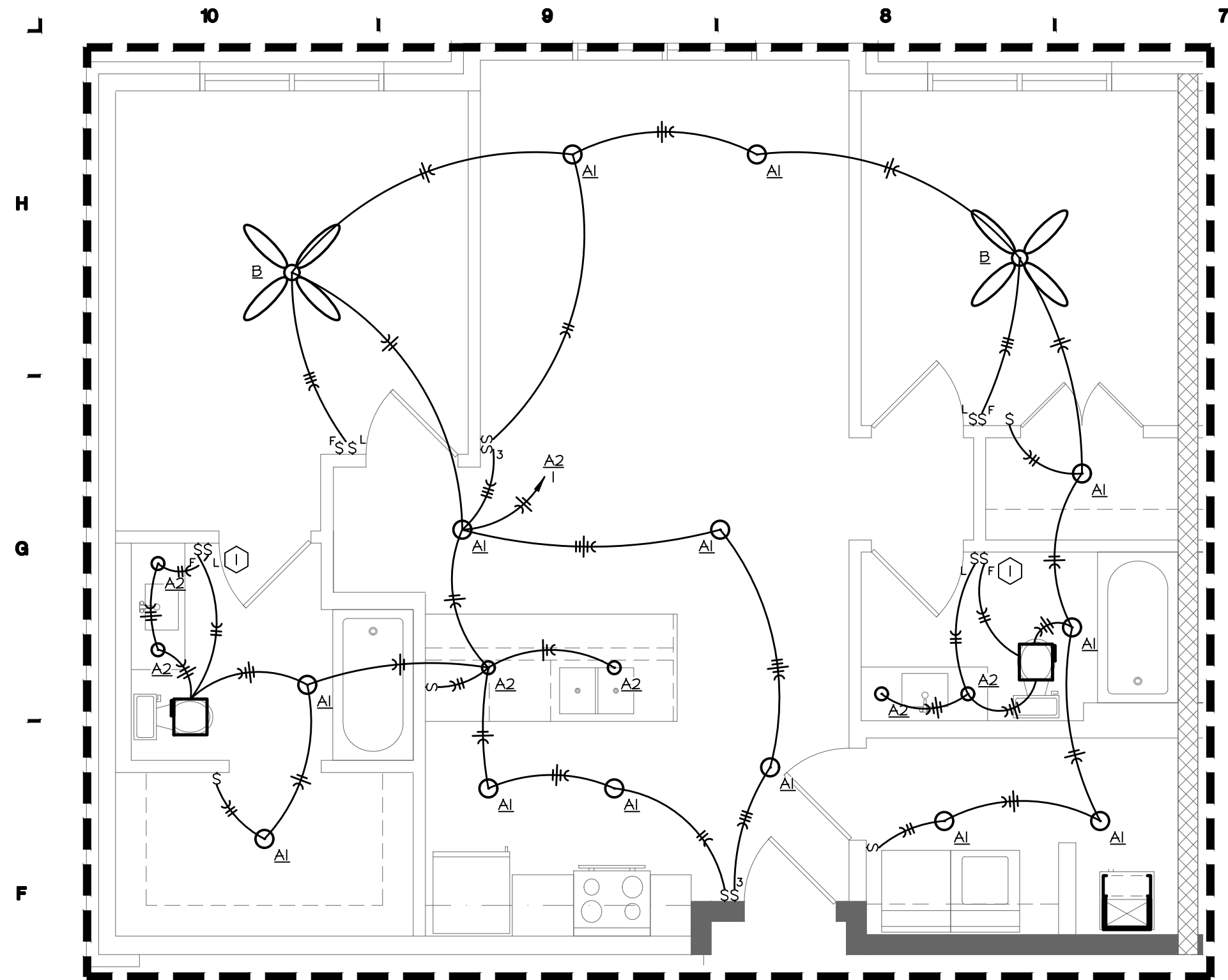
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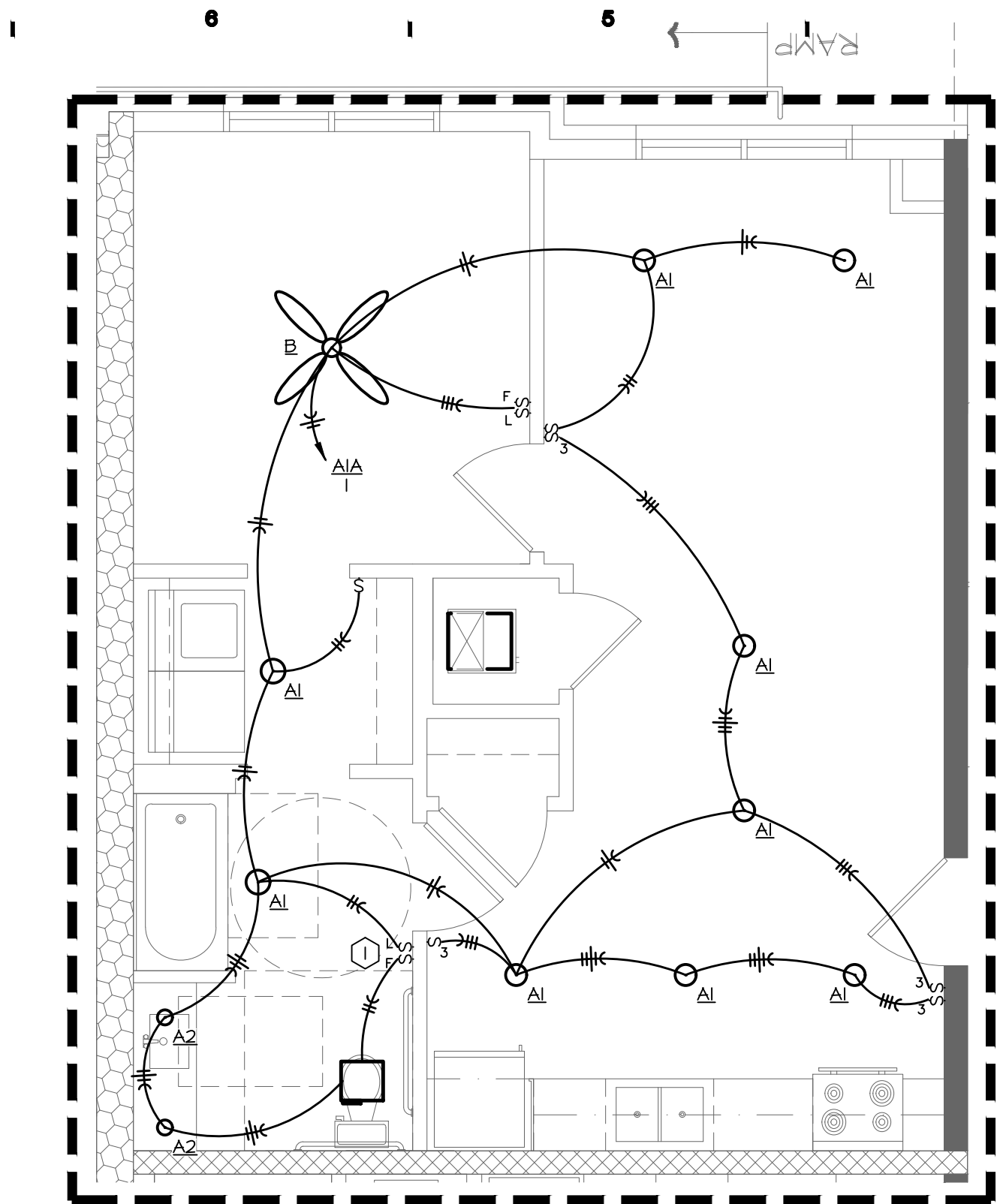
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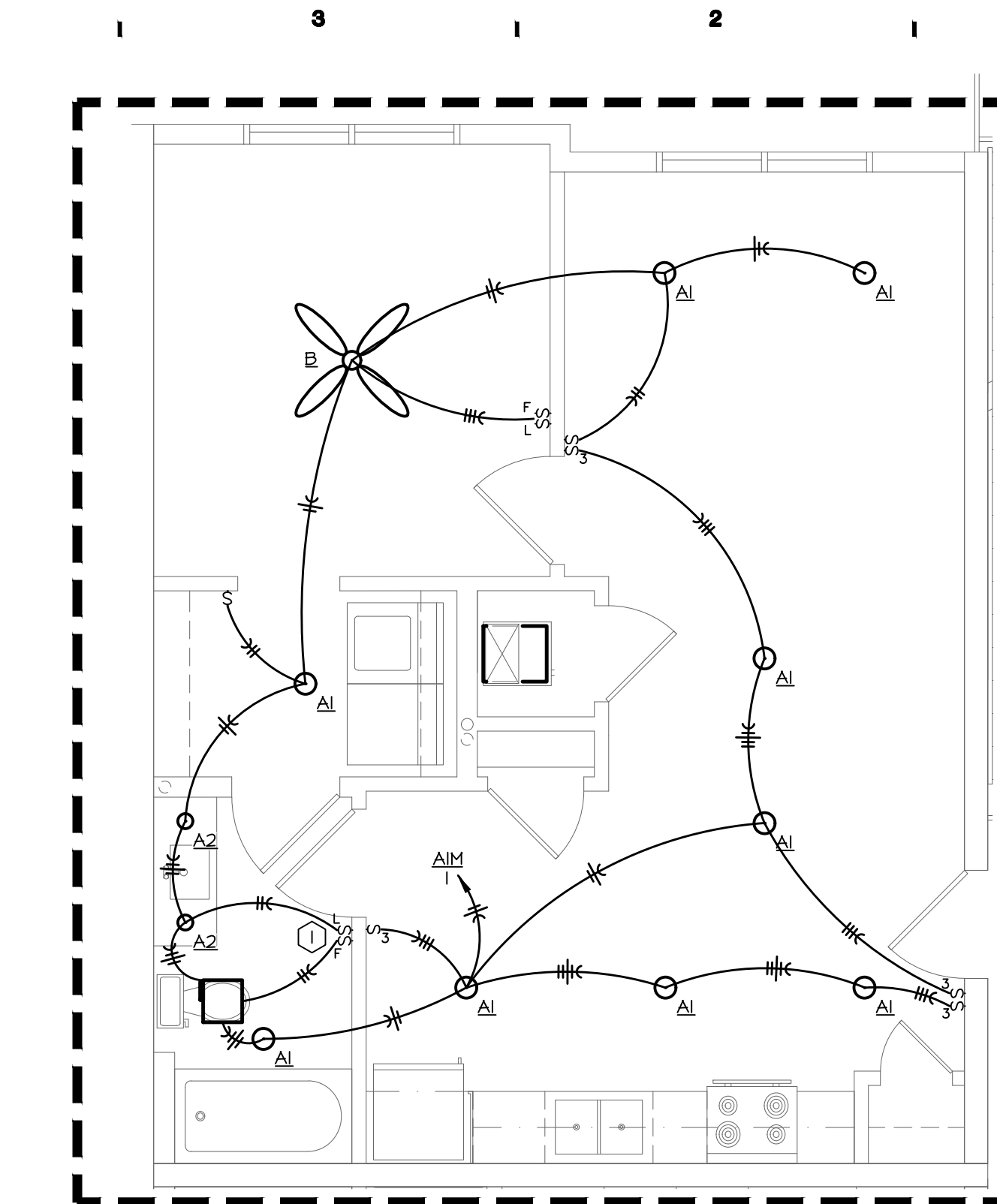
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01 ENLARGED LIGHTING PLAN (2 BED REV.)
SCALE: 1/4" = 1'-0"



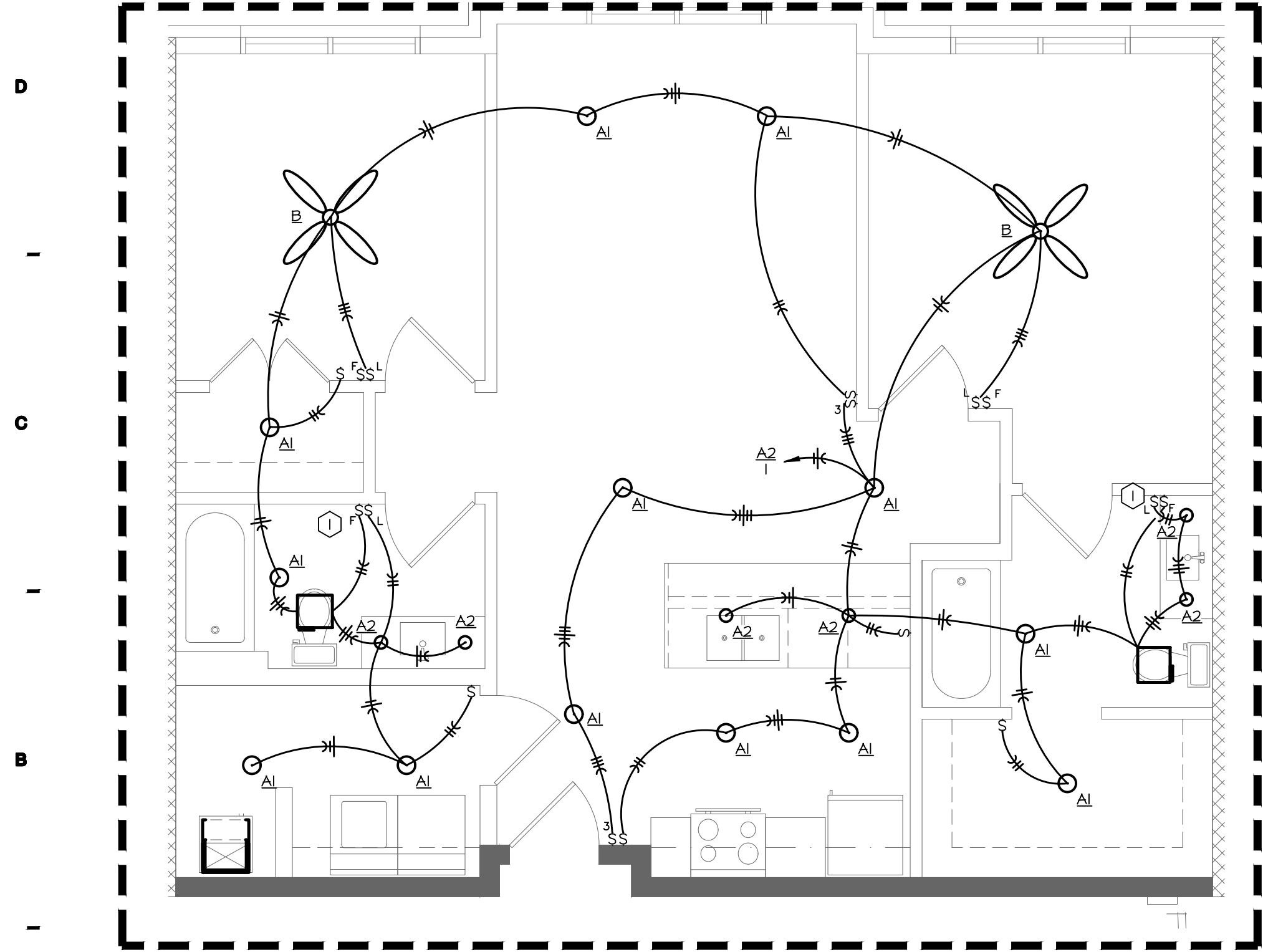
02 ENLARGED LIGHTING PLAN (1 BED - TYPE A)
SCALE: 1/4" = 1'-0"



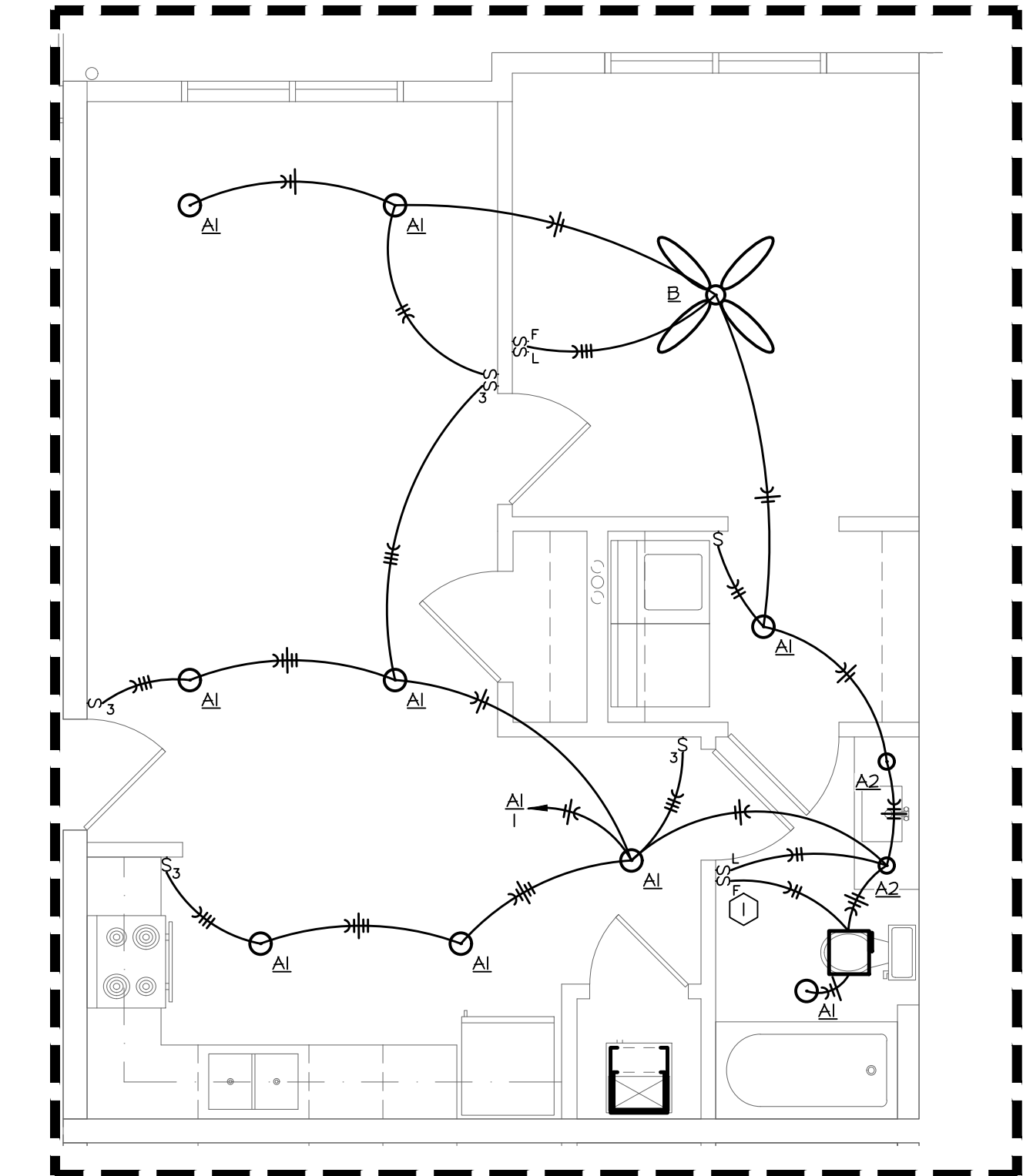
03 ENLARGED LIGHTING PLAN (1 BED MOD.)
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE GENERAL EXTENT OF THE WORK. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL PULL BOXES, JUNCTION BOXES AND INCIDENTAL MATERIALS AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
 - ELECTRICAL CONTRACTOR SHALL DERATE CONDUCTORS AS REQUIRED BY THE N.E.C. WHEN GROUPED IN COMMON RACEWAYS.
 - COORDINATE THE EXACT LIGHT FIXTURE LOCATIONS WITH THE ARCHITECTURAL DRAWINGS.
 - ALL WIRES RUN BELOW GRADE, IN CONCRETE THAT IS IN DIRECT CONTACT WITH THE EARTH, OR MASONRY THAT IS IN DIRECT CONTACT WITH THE EARTH SHALL BE KET LOCATION LISTED.
 - PROVIDE SEPARATE NEUTRALS FOR DIMMING CIRCUITS.
 - ALL ELECTRICAL BRANCH CIRCUITS SERVING OUTLETS AND LIGHTING IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER.

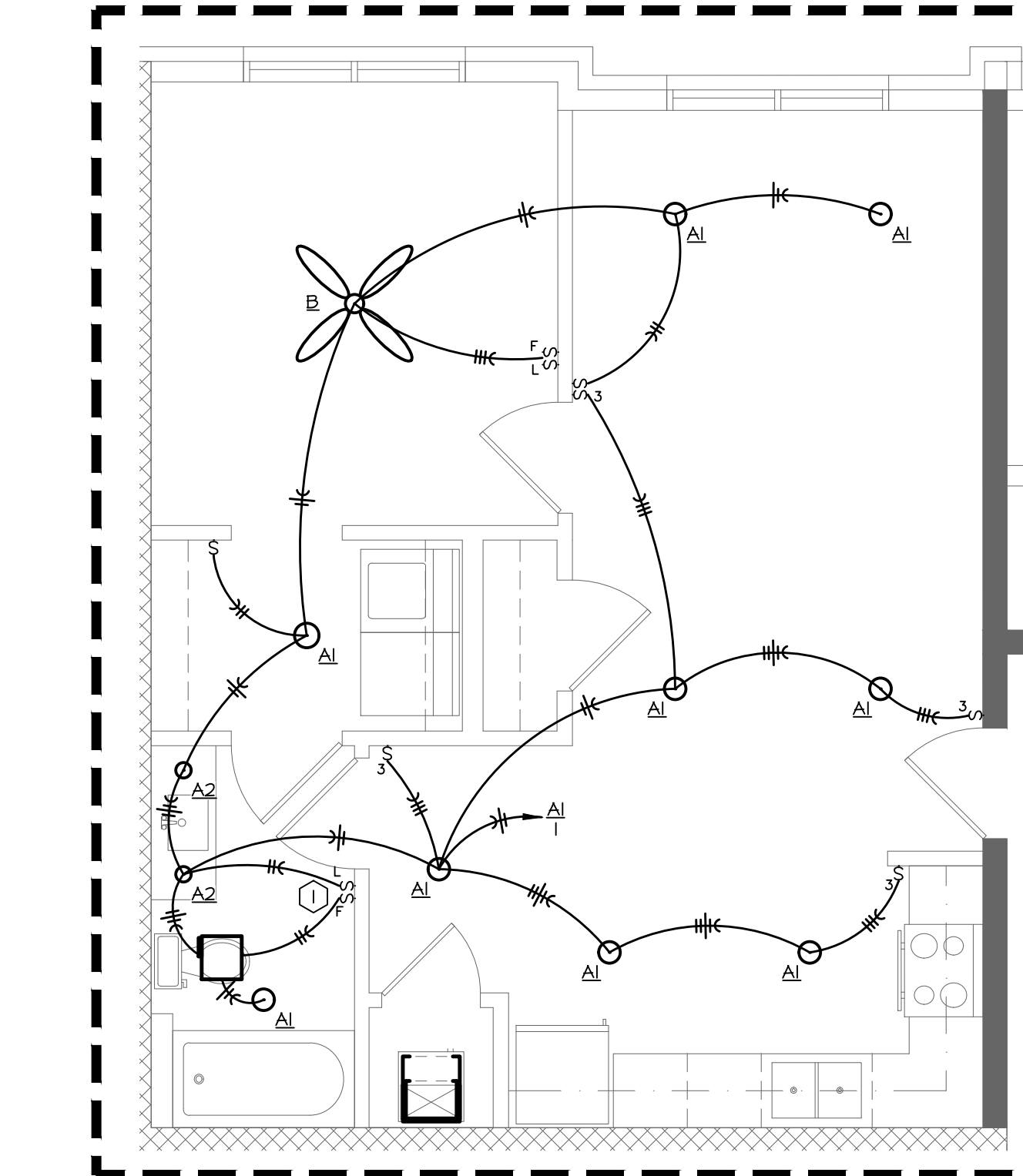
- PLAN NOTES:**
- PROVIDE SWITCH FOR OVERHEAD LIGHT AND A SEPARATE SWITCH FOR EXHAUST FAN.



04 ENLARGED LIGHTING PLAN (2 BED)
SCALE: 1/4" = 1'-0"



05 ENLARGED LIGHTING PLAN (1 BED REV.)
SCALE: 1/4" = 1'-0"



06 ENLARGED LIGHTING PLAN (1 BED)
SCALE: 1/4" = 1'-0"

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ENGINEER - CASEY JOHN STEINER
MO. LICENSE NO. PE-2009035182



ENLARGED LIGHTING
PLANS

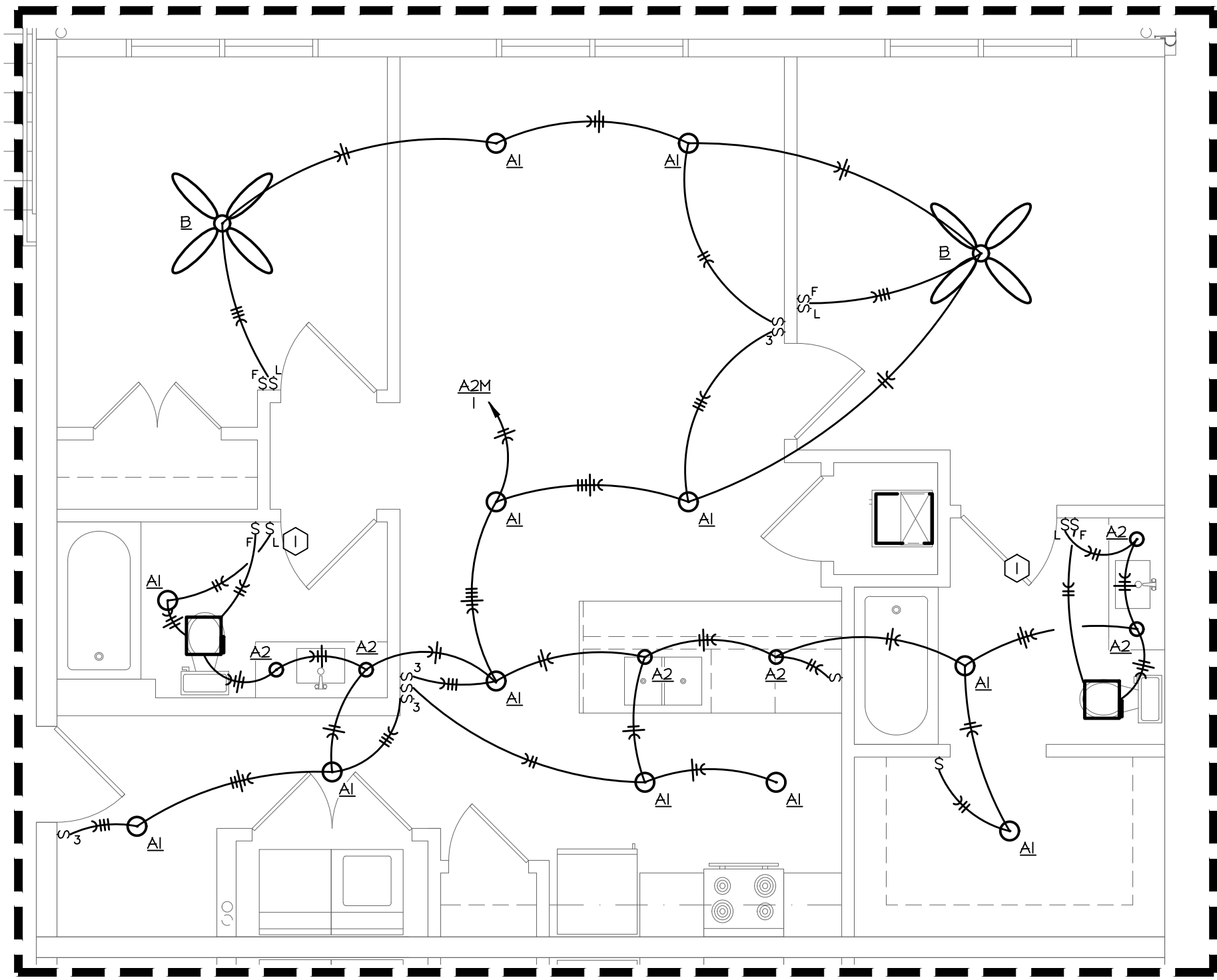
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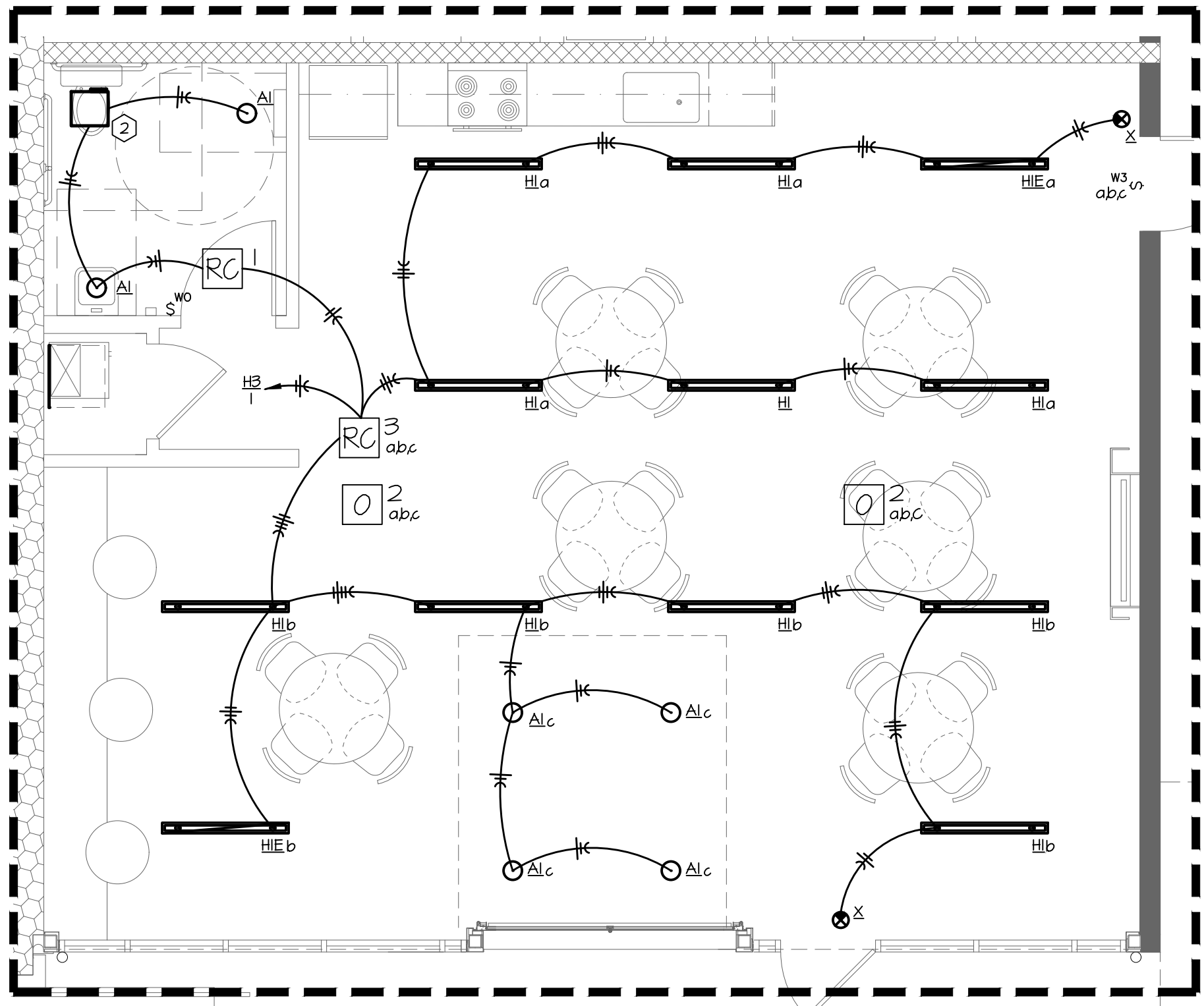
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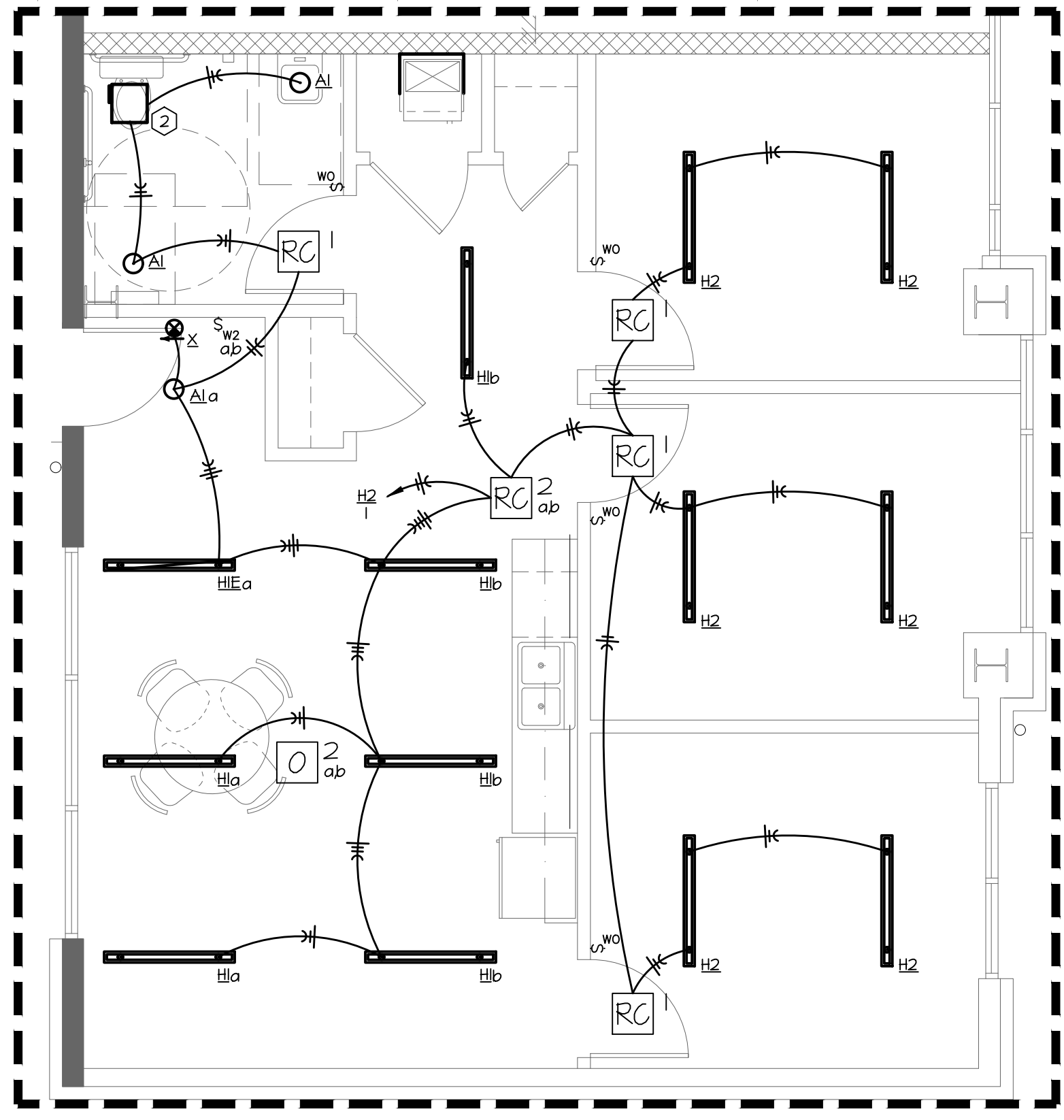
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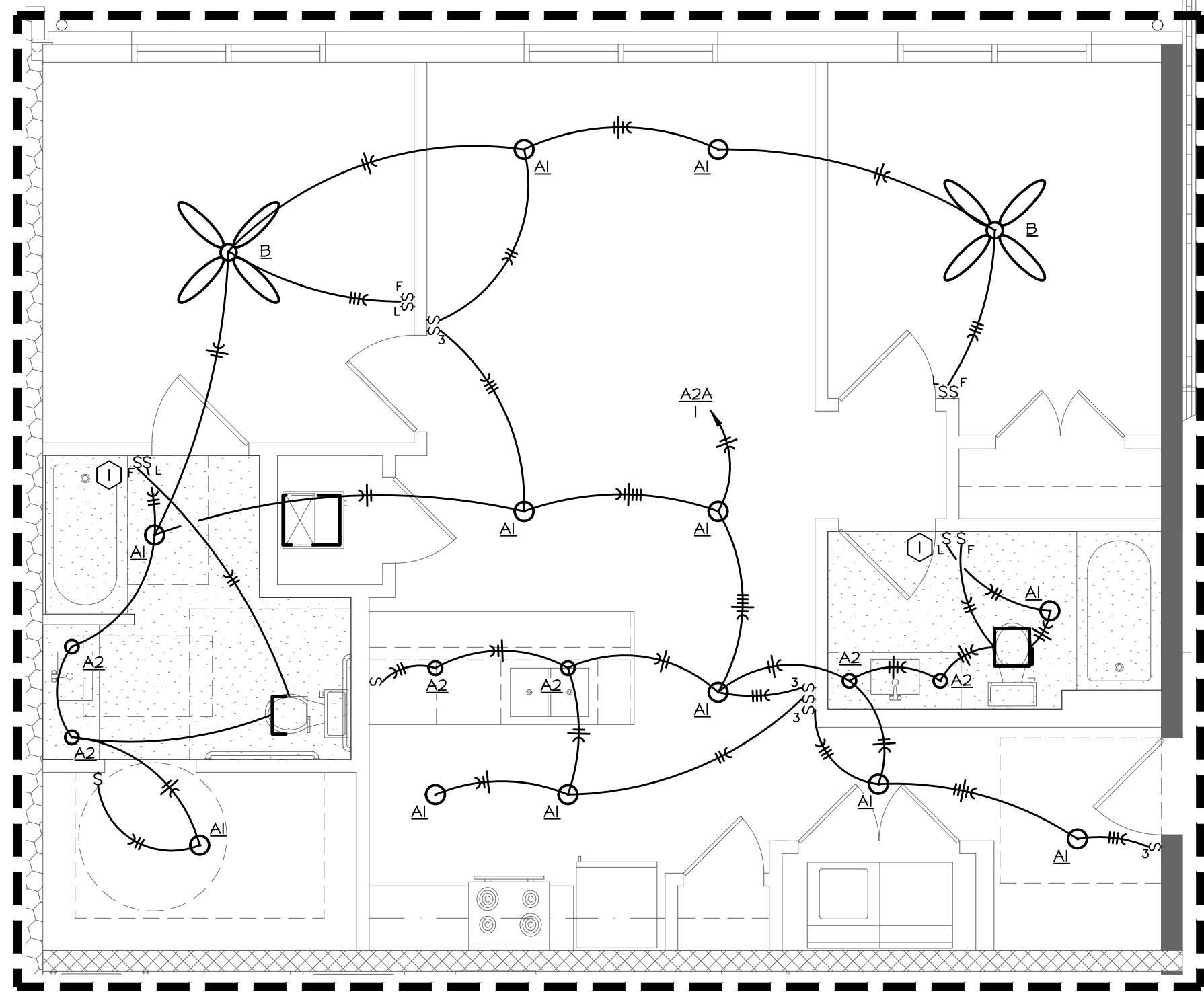
01 ENLARGED LIGHTING PLAN (2 BED MOD REV.)
SCALE: 1/4" = 1'-0"



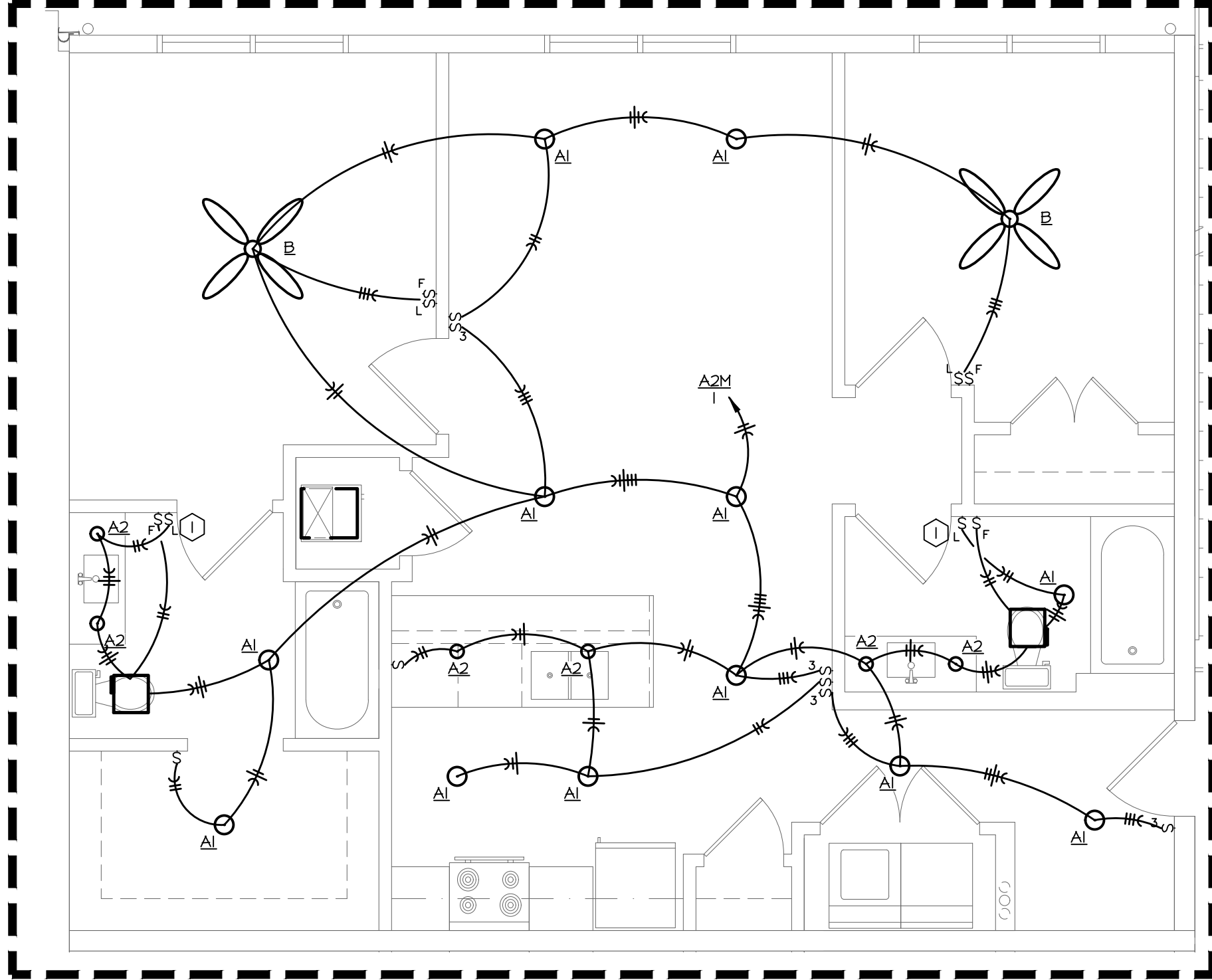
02 ENLARGED COMMUNITY ROOM LIGHTING PLAN
SCALE: 1/4" = 1'-0"



03 ENLARGED OFFICE SUITE LIGHTING PLAN
SCALE: 1/4" = 1'-0"



04 ENLARGED ACCESSIBLE 2 BED LIGHTING PLAN
SCALE: 1/4" = 1'-0"



05 ENLARGED LIGHTING UNIT PLAN (2 BED MOD.)
SCALE: 1/4" = 1'-0"

- GENERAL NOTES:**
- THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE GENERAL EXTENT OF THE WORK. THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL PULL BOXES, JUNCTION BOXES AND INCIDENTAL MATERIALS AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
 - ELECTRICAL CONTRACTOR SHALL DERATE CONDUCTORS AS REQUIRED BY THE N.E.C. WHEN GROUPED IN COMMON RACEWAYS.
 - COORDINATE THE EXACT LIGHT FIXTURE LOCATIONS WITH THE ARCHITECTURAL DRAWINGS.
 - ALL WIRES RUN BELOW GRADE, IN CONCRETE THAT IS IN DIRECT CONTACT WITH THE EARTH, OR MASONRY THAT IS IN DIRECT CONTACT WITH THE EARTH SHALL BE NET LOCATION LISTED.
 - PROVIDE SEPARATE NEUTRALS FOR DIMMING CIRCUITS.
 - ALL ELECTRICAL BRANCH CIRCUITS SERVING OUTLETS AND LIGHTING IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PARLORS, LIBRARIES, DENS, BEDROOMS, SUNROOMS, RECREATION ROOMS, CLOSETS, HALLWAYS, OR SIMILAR ROOMS SHALL BE PROTECTED BY AN ARC-FAULT CIRCUIT INTERRUPTER.

- PLAN NOTES:**
- PROVIDE SWITCH FOR OVERHEAD LIGHT AND A SEPARATE SWITCH FOR EXHAUST FAN.
 - EXHAUST FAN SHALL ENERGIZE WHEN LIGHTS ARE ACTIVATED.

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ENLARGED LIGHTING
PLANS

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01

ENLARGED POWER AND SPECIAL SYSTEMS PLAN (2 BED REV.)

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

02

ENLARGED POWER AND SPECIAL SYSTEMS PLAN (1 BED - TYPE A)

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

03

ENLARGED POWER AND SPECIAL SYSTEMS PLAN (1 BED MOD.)

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

GENERAL NOTES:

- D. THESE DRAWINGS ARE DIAGRAMMATIC IN NATURE AND INDICATE THE GENERAL EXTENT OF THE WORK. THE ELECTRICAL CONTRACTOR SHALL PROVIDE COMMON BOXES, OUTLET BOXES AND IDENTICAL MATERIALS AND LABOR FOR A COMPLETE AND FULLY FUNCTIONAL SYSTEM.
- E. ELECTRICAL CONTRACTOR SHALL DERATE CONDUCTORS AS REQUIRED BY THE NATIONAL ELECTRICAL CODE AND SCHEDULES.
- F. VERIFY REQUIREMENTS OF ALL MECHANICAL EQUIPMENT WITH CONTRACTOR PROVIDED SUBMITTALS. NOTIFY ENGINEER OF ANY CONFLICTS BETWEEN THE SUBMITTALS AND ELECTRICAL DRAWINGS.
- G. CONTRACTOR SHALL OFFSET OUTLET BOXES ON OPPOSITE SIDES OF A COMMON WALL TO PREVENT SOUND TRANSMISSION BETWEEN ADJOINING ROOMS. BOXES SHALL BE A MINIMUM OF 12" APART, AND MUST BE INSTALLED IN SEPARATE STUD CAVITIES.
- H. ALL LOW VOLTAGE WIRES NOT ROUTED IN CONDUIT SHALL BE PROVIDED AS FOLLOWS:
 1. PROVIDE JUNCTION BOXES AND 3/4" CONDUIT WITH FULL-STRINGS UP TO ACCESSIBLE LOCATION IN PLenum AT ALL PULL-UP AND DATA OUTLET LOCATIONS.
 2. WHERE BOXES ARE INSTALLED IN CONCRETE BLOCK WALLS, PROVIDE MOUNTING HOOKS TO BE SET INTO THE JOINT AND THE DEVICES SHALL BE PROVIDED WITH A JIMBO COVERPLATE.
 3. ALL WIRES RUN BELOW GRADE, IN CONCRETE THAT IS IN DIRECT CONTACT WITH THE EARTH OR MASONRY THAT IS IN DIRECT CONTACT WITH THE EARTH SHALL BE MET LOCATION LISTED.
- I. ALL ELECTRICAL BRANCH CIRCUITS SERVING OUTLETS AND LIGHTING IN FAMILY ROOMS, DINING ROOMS, LIVING ROOMS, PORCHES, TERRACES, DECKS, BEDROOMS, BATHS, KITCHENS, RECREATION ROOMS, GARAGES, HALLWAYS, OR SLEEPER ROOMS SHALL BE PROTECTED BY AN ARC-Fault CIRCUIT INTERRUPTER.
- J. FURNITURE LAYOUTS ARE FOR REFERENCE ONLY. COORDINATE THE LOCATION OF ALL ELECTRICAL DEVICES WITH THE ARCHITECT, OWNER AND FINAL FURNITURE PLANS PRIOR TO INSTALLATION.
- K. PROVIDE LOCKING PLUGS ON ALL CIRCUIT BREAKERS SERVING TELECOMMUNICATION EQUIPMENT AND FIRE ALARM CONTROL DEVICES.
- L. ALL ELECTRICAL BRANCH CIRCUITS SERVING NON COMMERCIAL CLOTHES DRYERS NOTED AS "DRTY" SHALL BE 30A AND 120/208V. PROVIDE 30A RECEPTACLE, NEMA 14-30R, INSTALL AT 48" AFF.
- M. ALL ELECTRICAL BRANCH CIRCUITS SERVING NON COMMERCIAL WASHMACHINE NOTED AS "WASH" SHALL BE A GFCI INSTALLED AT 48" AFF.
- N. ALL GARBAGE DISPOSAL/DISHWASHER RECEPTACLES (NOTED AS GDDW) SHALL HAVE THE BOTTOM HALF CIRCUITED TO A DEDICATED CIRCUIT AND THE TOP HALF CIRCUITED TO A DEDICATED CIRCUIT WHICH IS SWITCHED AS INDICATED FOR THE GARBAGE DISPOSAL.
- O. ALL ELECTRICAL BRANCH CIRCUITS SERVING NON COMMERCIAL RANGES/STOVES (NOTED AS "RNGS") SHALL BE (2) #6, (1) #10 NEUTRAL, AND (1) #10 GROUND IN 3/4" CONDUIT. PROVIDE 30A RECEPTACLE, NEMA 14-30R.
- P. ALL ELECTRICAL BRANCH CIRCUITS SERVING WATER HEATERS (NOTED AS "WH") SHALL BE (2) #10/5, AND (1) #10 GROUND IN 3/4" CONDUIT. PROVIDE 30 AMP, 2-POLE TOGGLE SWITCH DISCONNECT.
- Q. ALL 120V, 15A AND 20A RECEPTACLES SHALL BE TAMPER RESISTANT TYPE.
- R. ALL UNDERGROUND ELECTRICAL ROUGH-INS AT 2-HOUR FIRE RATED WALLS SHALL BE TO THE CENTER OF THE FRAMED WALL, AND NOT THE CENTER OF THE RATED ASSEMBLY.

PLAN NOTES:

1. PROVIDE SURFACE MOUNTED TOGGLE SWITCH UNDER SINK FOR GARBAGE DISPOSAL.
2. MAKE ELECTRICAL CONNECTION TO AHU AND HOMERUN WITH (3)10 & #10 GROUND IN A 3/4" CONDUIT.
3. PROVIDE FAN AND LIGHT SWITCH FOR ADA RANGE EXHAUST HOOD.
4. PROVIDE RECEPTACLE FOR DATA AT 48" AFF. COORDINATE EXACT LOCATION WITH LOW VOLTAGE SYSTEM CONTRACTOR PRIOR TO CONSTRUCTION. PROVIDE JUNCTION BOX AND 1" CONDUIT TO TELECOM CLOSET TO ALLOW FOR CABLEING INSTALLATION.
5. MAKE ELECTRICAL CONNECTION TO AHU AND HOMERUN WITH (3)10 & #10 GROUND IN A 3/4" CONDUIT.

04

ENLARGED POWER AND SPECIAL SYSTEMS PLAN (2 BED)

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

05

ENLARGED POWER AND SPECIAL
SYSTEMS PLAN (1 BED REV.)

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

06

ENLARGED POWER AND SPECIAL SYSTEMS PLAN (1 BED)

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



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MO. LICENSE NO. PE-2009035182



02/04/19

ENLARGED POWER PLANS

ISSUE DATE:

02.04.2019

REVISIONS:

PROJECT NO.: 1803

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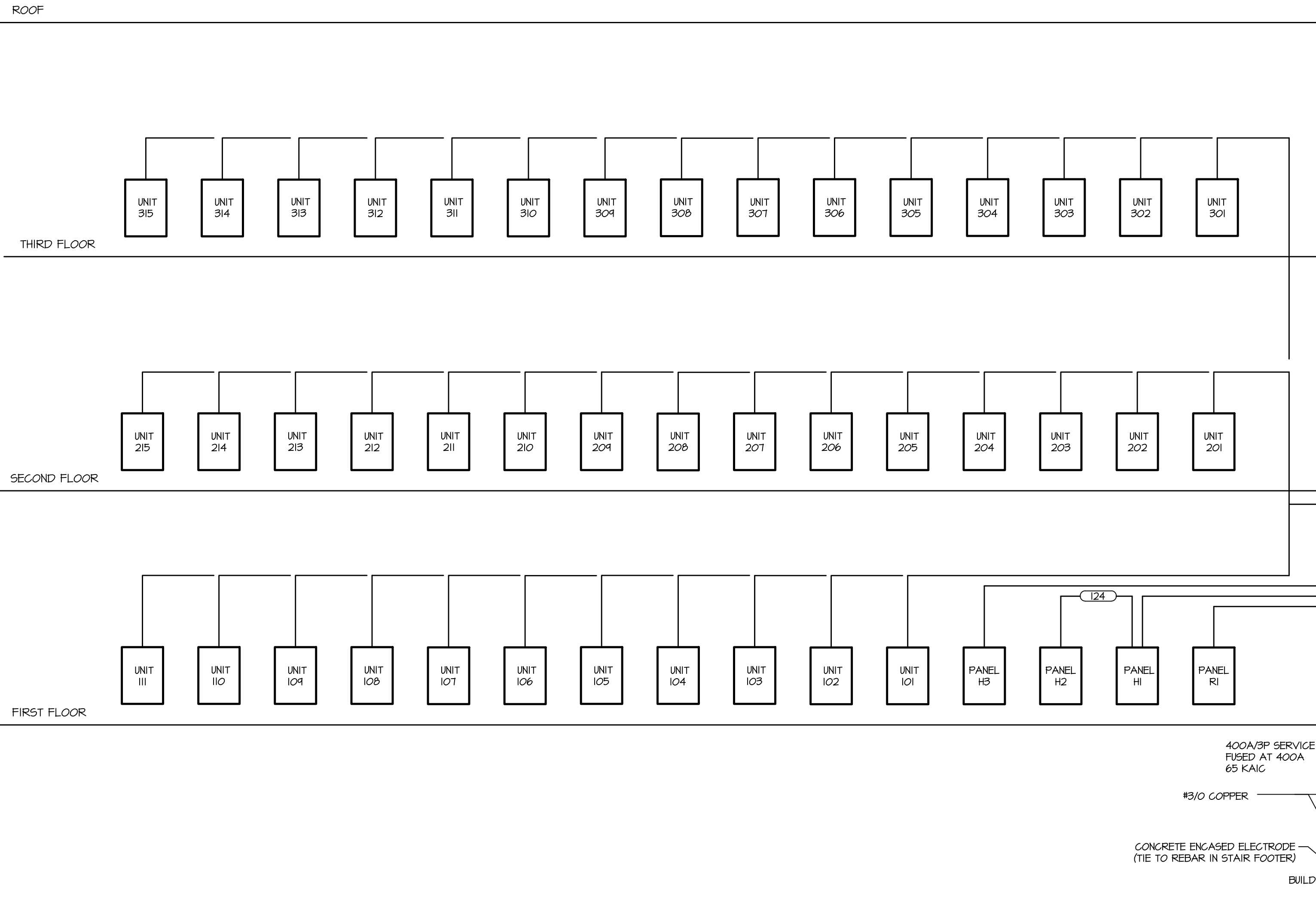
E

D

C

B

A



ELECTRICAL RISER NOTES:

1. PROVIDE MINIMUM 40"x4"x1/4" COPPER BUILDING SYSTEM GROUNDING BUS ON WALL IN TELECOMMUNICATIONS ROOM. GROUND BUS SHALL BE SIZED TO ACCOMMODATE ALL GROUND TERMINATIONS REQUIRED BY CODE.
2. PROVIDE GROUND FAULT PROTECTION AND ARC FLASH PROTECTION ON METER CENTER AT MAIN CIRCUIT BREAKER.

GENERAL NOTES:

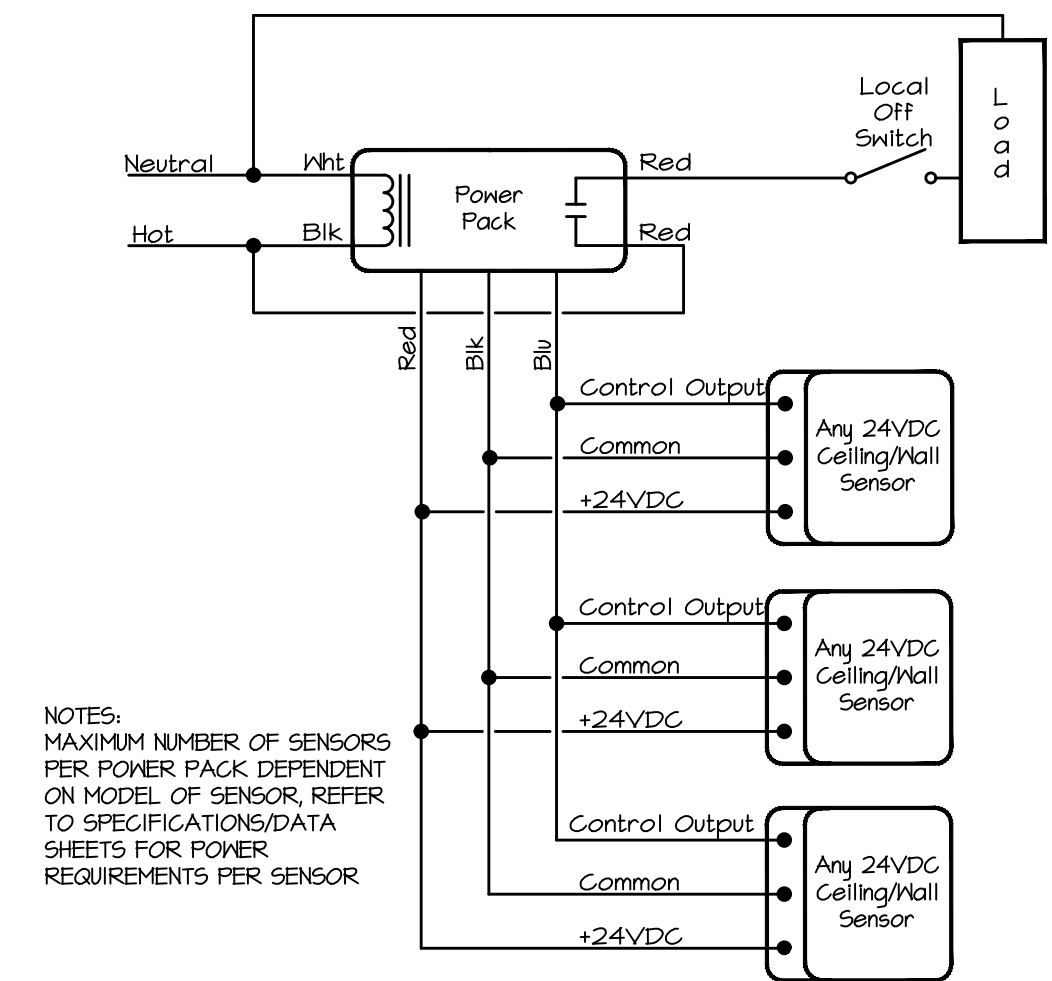
- A. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING THE ROUTING OF ALL FEEDERS THROUGH BUILDING.
- B. METERING EQUIPMENT, BUILDING DISCONNECTS AND GENERATOR ARE SHOWN DIAGRAMMATICALLY. REFER TO SITE AND BUILDING POWER PLANS FOR ACTUAL LOCATIONS.
- C. ALL UNDERGROUND ELECTRICAL ROUGH-INS AT 2-HOUR FIRE WALLS SHALL BE TO THE CENTER OF THE FRAMED WALL, AND NOT THE CENTER OF THE RATED ASSEMBLY.

FEEDER SCHEDULE:

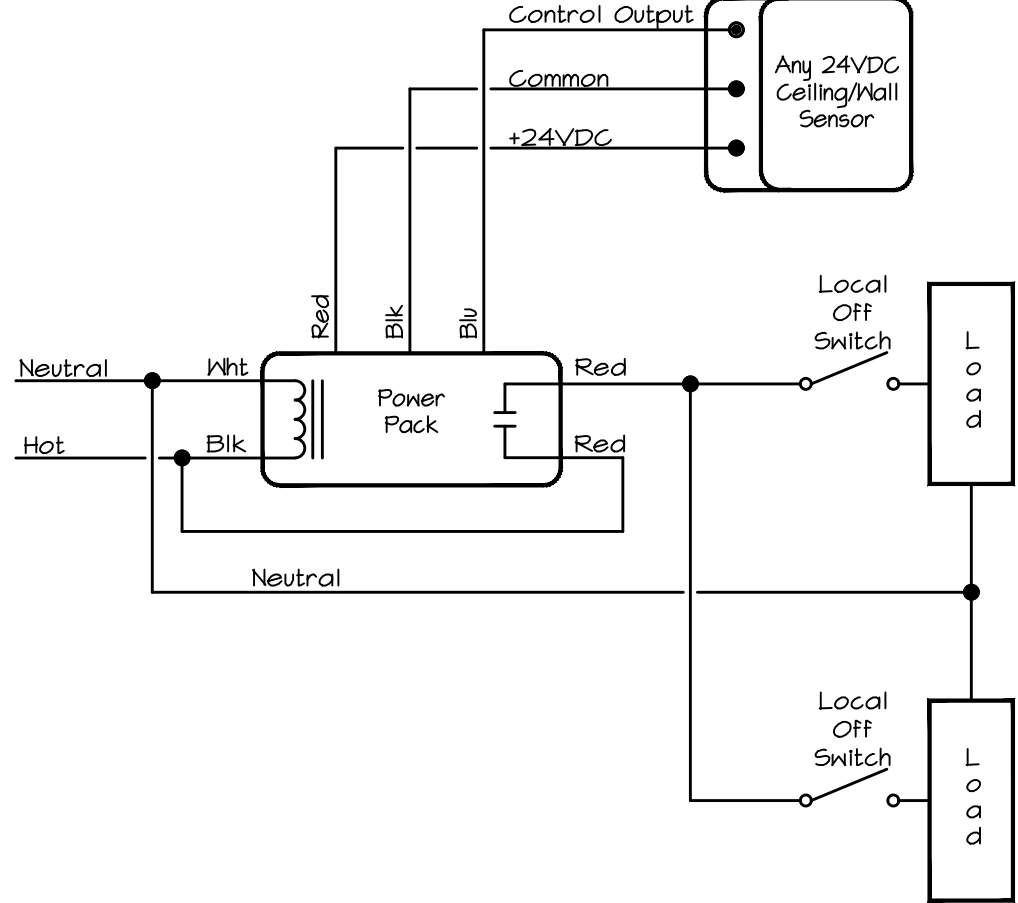
ALL SIZES LISTED BELOW ARE FOR STABILLOY ALUMINUM ALLOY CONDUCTORS:

- 104 (4) #1/0 AND #6 GRD. IN 2" C.
- 123 (3) #2/0 AND #4 GRD. IN 2" C.
- 124 (4) #2/0 KCML AND #4 GRD. IN 2" C.
- 154 (4) #3/0 KCML AND #4 GRD. IN 2" C.
- 204 (4) #250 KCML AND #4 GRD. IN 2-1/2" C.
- 404 2 SETS (4) #250 & #1 GRD IN 2" C.
- 1604 5 SETS (4) #600 KCML & #350 GRD IN 3" C.

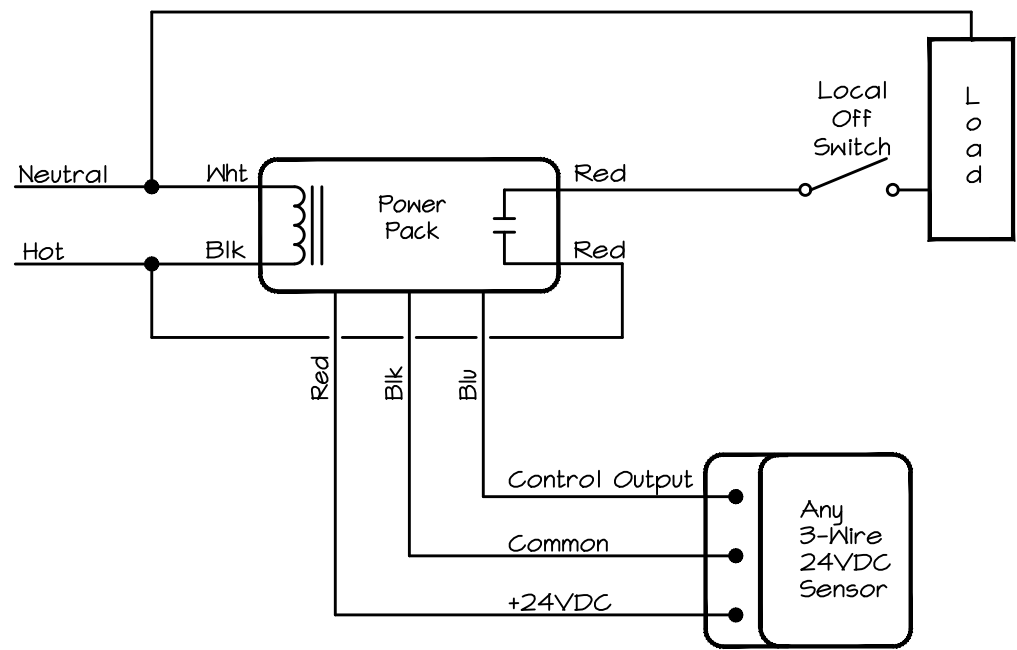
01 ELECTRICAL RISER DIAGRAM
SCALE: NONE



04 Ceiling Mounted Occupancy Sensor
24v Mupltle Sensors Wiring Diagram
Scale: Not to Scale



03 Ceiling Mounted Occupancy Sensor
24v Dual Level Switched Wiring Diagram
Scale: Not to Scale



02 Ceiling Mounted Occupancy Sensor
24v Wiring Diagram
Scale: Not to Scale

METER BANK ELECTRICAL DEMAND LOAD SUMMARY ESTIMATE (PER NEC 220.84)	
BUILDING	TOTAL
NUMBER OF UNITS	41
NET APARTMENT SQUARE FOOTAGE	36317
(2) 1500 VA SMALL APPLIANCE BRANCH CIRCUIT	123000
3 VA /SQFT GENERAL LIGHTING AND RECEPTACLES	108451
ELECTRIC RANGE (4100 VA)	373100
DISHWASHER (1500 VA)	61500
GARBAGE DISPOSAL (1200 VA)	44200
ELECTRIC WATER HEATER (4500 VA)	184500
CLOTHES WASHER (1500 VA)	61500
CLOTHES DRYER (5000 VA)	205000
MICROWAVE (1500 VA)	61500
ELECTRIC HEAT FURNACE 41 UNITS AT 8000 VA	328000
TOTAL UNIT LOADS (VA)**	1556251
DEMAND FACTOR (FROM NEC T220.84)	0.28
UNIT DEMAND LOAD (VA)**	435150
UNIT DEMAND LOAD (AMPS)***	1210
HOUSE DEMAND LOAD - PANEL H1 (VA)	56000
HOUSE DEMAND LOAD - PANEL H1 (AMPS)	156
HOUSE DEMAND LOAD - PANEL H3 (VA)	46000
HOUSE DEMAND LOAD - PANEL H3 (AMPS)	128
TOTAL METER BANK DEMAND LOAD (VA)	537750
TOTAL METER BANK DEMAND LOAD (AMPS)	1494
TOTAL METER BANK SIZE (AMPS)	1600
* VALUE IS THE SUM OF THE LOADS FROM THE PREVIOUS TWELVE LINES. ** VALUE IS THE TOTAL UNITS LOADS MULTIPLIED BY THE BUILDING DEMAND FACTOR. *** VALUE IS THE UNIT DEMAND LOADS.	

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MO. LICENSE NO. PE-2009035182



ELECTRICAL RISER
DIAGRAM & DETAILS

ISSUE DATE:

02.04.2019

REVISIONS:

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PANEL R1									
DESCRIPTION: 400A MCB				100% Neutral Bus		VOLTAGE: 120/208V, 3PH, 4 WIRE			
10 KAIC RATING				TOTAL CONNECTED LOAD, 43kW* 120A		DEMANDED LOAD CONTINUOUS, 53kW* 148A			
NO	LOAD (W)	LOAD DESCRIPTION	AMP P	AMP H	LOAD DESCRIPTION	LOAD (W)	NO		
1	224	LIGHTING	1	20	RECEPT - I13	1000	2		
3		SPARE	1	20	RECEPT - I13	1000	4		
5		SPARE	1	20	RECEPT/DAMPER - I13	460	6		
7		SPARE	1	20	AHU-I13B	10000	8		
9		SPARE	1	20	-	10000	10		
11		SPARE	1	20	RECEPT/DAMPER - I13	460	12		
13		SPARE	1	20	AHU-I13A	10000	14		
15		SPARE	1	20	-	10000	16		
17		SPARE	1	20	HP-I13A	2663	18		
19		SPARE	1	20	-	2663	20		
21		SPARE	1	20	HP-I13B	2663	22		
23		SPARE	1	20	-	2663	24		
25		SPARE	1	20	-	2663	26		
27		SPARE	1	20	SPARE		28		
29		SPARE	1	20	SPARE		30		
31		SPARE	1	20	SPARE		32		
33		SPARE	1	20	SPARE		34		
35		SPARE	1	20	SPARE		36		
37		SPARE	1	20	SPARE		38		
39		SPARE	1	20	SPARE		40		
41		SPARE	1	20	SPARE		42		

NOTES: 1. PROVIDE AFCI TYPE CIRCUIT BREAKER
2. PROVIDE GFCI TYPE CIRCUIT BREAKER
3. PROVIDE HACR TYPE CIRCUIT BREAKER

PANEL H1									
DESCRIPTION: 200A MCB				100% Neutral Bus		VOLTAGE: 120/208V, 3PH, 4 WIRE			
10 KAIC RATING				TOTAL CONNECTED LOAD, 48kW* 134A		DEMANDED LOAD CONTINUOUS, 58kW* 154A			
NO	LOAD (W)	LOAD DESCRIPTION	AMP P	AMP H	LOAD DESCRIPTION	LOAD (W)	NO		
1	460	EXTERIOR SITE LIGHTING	1	20	ENH-O2	2400	2		
3	100	EXTERIOR LTG TIMECLOCK	1	20	-	2400	4		
5	840	BREEZEWAY LTG NORTH	1	20	ENH-O1	2400	6		
7	1200	BREEZEWAY LTG CENTRAL/SOUTH	1	20	-	2400	8		
9		SPARE	1	20	RECEPT - I14	1000	10		
11		SPARE	1	20	RECEPT - I14	360	12		
13		SPARE	1	20	RECEPT - I14	180	14		
15		SPARE	1	20	RECEPT - I14	500	16		
17		SPARE	1	20	RECEPT - I21, 221, 321	400	18		
19		SPARE	1	20	RECEPT - I20, 220, 320	440	20		
21		SPARE	1	20	RECEPT - I22, 222, 322	440	22		
23		SPARE	1	20	FACP	1000	24		
25		SPARE	1	20	RECEPTACLES - ROOF	120	26		
27		SPARE	1	20	RECEPTACLES - ROOF	400	28		
29		SPARE	1	20	SPARE		30		
31		SPARE	1	20	SPARE		32		
33		SPARE	1	20	SPARE		34		
35		SPARE	1	20	SPARE		36		
37		SPARE	1	20	A 125 3 PANEL H2	-	38		
39		SPARE	1	20	-	-	40		
41		SPARE	1	20	-	-	42		

NOTES: 1. PROVIDE AFCI TYPE CIRCUIT BREAKER
2. PROVIDE GFCI TYPE CIRCUIT BREAKER
3. PROVIDE HACR TYPE CIRCUIT BREAKER

PANEL H2									
DESCRIPTION: 125A MCB				100% Neutral Bus		VOLTAGE: 120/208V, 3PH, 4 WIRE			
10 KAIC RATING				TOTAL CONNECTED LOAD, 28kW* 77A		DEMANDED LOAD CONTINUOUS, 32kW* 88A			
NO	LOAD (W)	LOAD DESCRIPTION	AMP P	AMP H	LOAD DESCRIPTION	LOAD (W)	NO		
1	521	LIGHTING - I14	1	20	SPARE		2		
3	540	RECEPTACLES -I14	1	20	RECEPTACLES -I14	360	4		
5	360	RECEPTACLES -I14	1	20	RECEPTACLES -I14	540	6		
7	360	RECEPTACLES -I14	1	20	RECEPTACLES -I14	180	8		
9	500	REFRIGERATOR -I44	1	20	AHU-I14	1500	10		
11	180	RECEPT - KITCHEN - I14	1	20	-	1500	12		
13	1200	GARBAGE DISP -I44	1	20	A 30 2 WATER HEATER - I14	2250	14		
15	1500	DISHWASHER - I14	1	20	-	2250	16		
17	180	RECEPT - KITCHEN - I14	1	20	C 45 2 HP-I14	2164	18		
19	120	RECEPTACLES -I14	1	20	-	2164	20		
21	1000	FIRE ALARM ANUN. FNL.	1	20	SPARE		22		
23		SPARE	1	20	SPARE		24		
25		SPARE	1	20	SPARE		26		
27		SPARE	1	20	SPARE		28		
29		SPARE	1	20	SPARE		30		

NOTES: 1. PROVIDE AFCI TYPE CIRCUIT BREAKER
2. PROVIDE GFCI TYPE CIRCUIT BREAKER
3. PROVIDE HACR TYPE CIRCUIT BREAKER

PANEL H3									
DESCRIPTION: 200A MCB				100% Neutral Bus		VOLTAGE: 120/208V, 3PH, 4 WIRE			
10 KAIC RATING				TOTAL CONNECTED LOAD, 42kW* 116A		DEMANDED LOAD CONTINUOUS, 47kW* 130A			
NO	LOAD (W)	LOAD DESCRIPTION	AMP P	AMP H	LOAD DESCRIPTION	LOAD (W)	NO		
1	314	LIGHTING - I12	1	20	SPARE		2		
3	10000	AHU-I12	2	100	RECEPT - KITCHEN - I12	360	4		
5	10000	-	-	-	GARBAGE DISP - I12	1200	6		
7	2250	WATER HEATER - I12	2	30	DISHWASHER - I12	1500	8		
9	2250	-	-	-	RANGE - I12	4550	10		
11	460	RECEPTACLES - I12	1	20	MICROWAVE	4550	12		
13	360	RECEPTACLES - I12	1	20	RECEPT - KITCHEN - I12	180	16		
15	360	RECEPTACLES - I12	1	20	REFRIGERATOR - I12	500	18		
17	540	RECEPTACLES - I12	1	20	RECEPTACLES - I12	180	20		
19	2663	HP-I12	2	50	RECEPT - FUTURE DOOR	1000	22		
21	2663	-	-	-	-	-	24		
23		SPARE	1	20	SPARE		26		
25		SPARE	1	20	SPARE		28		
27		SPARE	1	20	SPARE		30		
29		SPARE	1	20	SPARE				

NOTES: 1. PROVIDE AFCI TYPE CIRCUIT BREAKER
2. PROVIDE GFCI TYPE CIRCUIT BREAKER
3. PROVIDE HACR TYPE CIRCUIT BREAKER

LIGHT FIXTURE SCHEDULE										
MARK	MANUFACTURER	MODEL	LAMP DATA			VOLTS	MOUNTING	TOTAL WATTS	DESCRIPTION	NOTES
			LUMENS	TYPE	COLOR (K)					
A1	PHILIPS	5TR830K10	1000	LED	3000	120	SURFACE	15	1" ROUND DOWNLIGHT	
A2	PHILIPS	55R830K1	650	LED	3000	120	SURFACE	10	5" ROUND DOWNLIGHT	
B	HUNTER	54242	2000	LED	3000	120	PENDANT	86	CEILING FAN W/LED	
H1	ALCON	12122-4-R28W2800-35K	2800	LED	3500	UNV	PENDANT	28	4' DOMED LINEAR PENDANT	4
H1E	ALCON	12122-4-R28W2800-35K-EM	2800	LED	3500	UNV	PENDANT	28	4' DOMED LINEAR PENDANT W/EMERGENCY BATTERY	24
H2	ALCON	12122-4-R40W4000-35K	4000	LED	3500	UNV	PENDANT	40	4' DOMED LINEAR PENDANT	4
I	WILLIAMS	34-4-L30/B35-A-DRV-UNV	3000	LED	3500	UNV	SURFACE	25	1X4 SURFACE MOUNT W/EMERGENCY BATTERY	
IE	WILLIAMS	34-4-L30/B35-A-EM/ONLP-DRV-UNV	3000	LED	3500	UNV	SURFACE	25	1X4 SURFACE MOUNT W/EMERGENCY BATTERY	
SA	MCGRAW EDISON	6W6-AF-OH-LED-EI-SL3	6360	LED	4000	UNV	WALL	51	EXTERIOR WALL PACK	
X	WILLIAMS	EXIT-R-EM-WHT-D	-	LED	-	UNV	SEE PLANS	4	LED EXIT SIGN W/EMERGENCY BATTERY	13
NOTES:										
1	PROVIDE NUMBER OF FACES AND DIRECTIONAL ARROWS TO MATCH WHAT IS SHOWN ON DRAWINGS.									
2	PROVIDE WITH INTEGRAL EMERGENCY BATTERY BACK-UP DRIVER.									
3	PROVIDE WITH SELF-TESTING / SELF-DIAGNOSTICS.									
4	SUSPEND FIXTURE 8'-0" ABOVE FINISH FLOOR.									
GENERAL NOTES:										
A.	PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.									
B.	REFERENCE PLANS FOR FIXTURES REQUIRING EMERGENCY DRIVERS.									
C.	CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING ALL FIXTURES.									
D.	MANUFACTURER EQUALS ACCEPTED UPON ENGINEERS APPROVAL.									
E.	CONTRACTOR SHALL VERIFY FINISH WITH ARCHITECT PRIOR TO SUBMITTAL.									

NOTES:
1. PROVIDE NUMBER OF FACES AND DIRECTIONAL ARROWS TO MATCH WHAT IS SHOWN ON DRAWINGS.
2. PROVIDE WITH INTEGRAL EMERGENCY BATTERY BACK-UP DRIVER.
3. PROVIDE WITH SELF-TESTING / SELF-DIAGNOSTICS.
4. SUSPEND FIXTURE 8'-0" ABOVE FINISH FLOOR.

GENERAL NOTES:
A. PROVIDE ALL REQUIRED ACCESSORIES FOR A COMPLETE INSTALLATION.
B. REFERENCE PLANS FOR FIXTURES REQUIRING EMERGENCY DRIVERS.
C. CONTRACTOR SHALL VERIFY CEILING TYPE PRIOR TO ORDERING ALL FIXTURES.
D. MANUFACTURER EQUALS ACCEPTED UPON ENGINEERS APPROVAL.
E. CONTRACTOR SHALL VERIFY FINISH WITH ARCHITECT PRIOR TO SUBMITTAL.

PANEL A2 (LOAD CENTER)									
DESCRIPTION: 125A MCB				100% Neutral Bus		VOLTAGE: 120/208V, 1PH, 3 WIRE			
10 KAIC RATING				TOTAL CONNECTED LOAD, 38kW* 184A		DEMANDED LOAD CONTINUOUS, 23kW* 111A			
NO	LOAD (W)	LOAD DESCRIPTION	AMP P	AMP H	LOAD DESCRIPTION	LOAD (W)	NO		
1	484	LIGHTING	1	20	RECEPT - KITCHEN	540	2		
3	120	RECEPTACLES	1	20	GARBAGE DISPOSAL	1200	4		
5	180	RECEPT - BATH RM	1	20	DISHWASHER	1500	6		
7	400	RECEPTACLES	1	20	RECEPT - KITCHEN	120	8		
9	400	RECEPTACLES	1	20	RANGE	4550	10		
11	400	RECEPTACLES	1	20	-	4550	12		
13	180	RECEPT - BATH RM	1	20	MICROWAVE	1000	14		
15	1000	SMOKE DETECTORS	1	20	DRYER	2500	16		
17	1165	HP-XXX	2	25	-	2500	18		
19	1165	-	-	-	WASHER	1500	20		
21		SPARE	1	20	AHU-XXX	4000	22		
23		SPARE	1	20	-	4000	24		
25		SPARE	1	20	A 30 2 WATER HEATER	2250	26		
27		SPARE	1	20	-	2250	28		
29		SPARE	1	20	SPARE		30		

NOTES: 1. PROVIDE AFCI TYPE CIRCUIT BREAKER
2. PROVIDE GFCI TYPE CIRCUIT BREAKER
3. PROVIDE HACR TYPE CIRCUIT BREAKER

PANEL A2A (LOAD CENTER)									
DESCRIPTION: 125A MCB				100% Neutral Bus		VOLTAGE: 120/208V, 1PH, 3 WIRE			
10 KAIC RATING				TOTAL CONNECTED LOAD, 37kW* 180A		DEMANDED LOAD CONTINUOUS, 23kW* 111A			
NO	LOAD (W)	LOAD DESCRIPTION	AMP P	AMP H	LOAD DESCRIPTION	LOAD (W)	NO		
1	414	LIGHTING	1	20	RECEPT - KITCHEN	360	2		
3	180	RECEPT - BATH RM	1	20	GARBAGE DISPOSAL	1200	4		
5	2250	WATER HEATER	1	20	DISHWASHER	1500	6		
7	2250	-	1	20	RECEPT - KITCHEN	540	8		
9	4000	AHU-XXX	1	20	RANGE	4550	10		
11	4000	-	-	-	RANGE	4550	12		
13	120	RECEPTACLES	1	20	MICROWAVE	1000	14		
15	1000	SMOKE DETECTORS	1	20	WASHER	1500	16		
17	1080	RECEPTACLES	1	20	DRYER	2500	18		
19	1080	RECEPTACLES	1	20	-	2500	20		
21	1165	HP-XXX	2	25	RECEPT - BATH RM	180	22		
23	1165	-	-	-	SPARE		24		
25		SPARE	1	20	SPARE		26		
27		SPARE	1	20	SPARE		28		
29		SPARE	1	20	SPARE		30		

NOTES: 1. PROVIDE AFCI TYPE CIRCUIT BREAKER
2. PROVIDE GFCI TYPE CIRCUIT BREAKER
3. PROVIDE HACR TYPE CIRCUIT BREAKER

PANEL A2M (LOAD CENTER)									
DESCRIPTION: 125A MCB				100% Neutral Bus		VOLTAGE: 120/208V, 1PH, 3 WIRE			
10 KAIC RATING				TOTAL CONNECTED LOAD: 38kW+ 112A				DEMANDED LOAD CONTINUOUS: 23kW+ 81A	
NO	LOAD (W)	DESCRIPTION	P	AMP SIZE	AMP SIZE	LOAD DESCRIPTION	LOAD (W)	NO	
1	414	LIGHTING	1	20	A 20	1 RECEPT - KITCHEN	540	2	
3	4000	AH-XXX	2	45	B 20	1 GARBAGE DISPOSAL	1200	4	
5	4000		-	-	A 20	1 DISHWASHER	1500	6	
7	2250	WATER HEATER	2	30	B 20	1 MICROWAVE	1000	8	
9	2250		-	-	A 50	2 RANGE	4550	10	
11	180	RECEPT - BATH RM	1	20	B -		4550	12	
13	1260	RECEPTACLES	1	20	A 20	1 RECEPT - KITCHEN	540	14	
15	1080	RECEPTACLES	1	20	B 20	1 WASHER	1500	16	
17	1000	SMOKE DETECTORS	2	30	A 30	2 DRYER	2500	18	
19	1165	HP-XXX	2	25	B -	2 RECEPTACLES	2500	20	
21	1165		-	-	A -	2 RECEPTACLES	400	22	
23		SPARE	1	20	B 20	1 RECEPT - BATH RM	180	24	
25		SPARE	1	20	A 20	1 SPARE		26	
27		SPARE	1	20	B 20	1 SPARE		28	
29		SPARE	1	20	A 20	1 SPARE		30	

MECHANICAL EQUIPMENT AND ELECTRICAL CONNECTION SCHEDULE																					
EQUIPMENT			LOAD						FROM						STARTER/DISCONNECT				NOTES		
MARK	DESCRIPTION	LOCATION	VOLTAGE (V/PH)	SIZE (HP)/(KW)	RATING (FLA)	RATING (MCA)	MOP (AMPS)	NAME	CKT. No.	No.	WIRE SZ	GROUND	CONDUIT	STARTER SIZE	TYPE	DISCONNECT SWITCH AMPS FUSE (A) POLES NEMA EN.				VFD	
HP-101	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-102	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-103	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-104	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-105	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-106	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-107	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-108	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-109	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-110	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1A	17,19	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-111	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2A	21,23	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-112	HEAT PUMP	ROOFTOP	208/1	-	-	32	50	H3	19,21	2	8	10	3/4"	-	-	60	-	2	3R	-	I
HP-113A	HEAT PUMP	ROOFTOP	208/1	-	-	32	50	R1	18,20	2	8	10	3/4"	-	-	60	-	2	3R	-	I
HP-113B	HEAT PUMP	ROOFTOP	208/1	-	-	32	50	R1	22,24	2	8	10	3/4"	-	-	60	-	2	3R	-	I
HP-114	HEAT PUMP	ROOFTOP	208/1	-	-	26	45	H2	18,20	2	10	10	1/2"	-	-	60	-	2	3R	-	I
HP-201	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-202	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-203	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-204	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-205	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-206	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-207	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-208	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-209	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-210	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1M	23,25	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-211	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2M	19,21	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-212	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2M	19,21	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-213	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-214	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-215	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-301	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-302	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-303	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-304	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-305	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-306	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-307	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-308	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-309	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1	24,26	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-310	HEAT PUMP	ROOFTOP	208/1	-	-	9	20	A1M	23,25	2	12	12	1/2"	-	-	30	-	2	3R	-	I
HP-311	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2M	19,21	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-312	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2M	19,21	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-313	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-314	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
HP-315	HEAT PUMP	ROOFTOP	208/1	-	-	14	25	A2	17,19	2	12	10	1/2"	-	-	30	-	2	3R	-	I
NOTES																					
I. CIRCUIT EQUIPMENT TO PANEL IN UNIT IT SERVES.																					
GENERAL NOTES																					
A. ELECTRICAL CONTRACTOR SHALL REFER TO POWER PLANS FOR LOCATION OF ALL EQUIPMENT AND SHALL FIELD VERIFY AND COORDINATE EXACT LOCATIONS OF EQUIPMENT PRIOR TO ROUGH-IN.																					
B. REFER TO MOTOR NAMEPLATES FOR SPECIFIC MOTOR INFORMATION.																					
C. LISTED CONDUCTOR AND CONDUIT SIZES ARE BASED ON COPPER WIRE WITH THIN/THIN INSULATION AT 30 DEGREE C MAXIMUM AMBIENT TEMPERATURE USING 75 DEGREE INSULATION AMPACITY RATINGS. ADJUST CONDUCTOR SIZES FOR AMBIENT TEMPERATURES ABOVE 30 DEGREES C. ADJUST CONDUIT SIZES PER NEC.																					

LIGHTING CONTROLS SCHEDULE																
MARK	MANUFACTURER	MODEL	DEVICE	MOUNTING	RELAYS	DIMMING	PIR	ULTRA SONIC	TIME DELAY SETTINGS	AMBIENT LIGHT CONTROL	MANUAL ON	AUTO ON	MAXIMUM LOAD	VOLTS	NOTES	CONTROL NOTES
RC1	WATTSTOPPER	LMRC-101	ROOM CONTROLLER	PLENUM	1	-	-	-	-	-	-	-	20A	120/2TT		
RC2	WATTSTOPPER	LMRC-102	ROOM CONTROLLER	PLENUM	2	-	-	-	-	-	-	-	20A	120/2TT		
RC3	WATTSTOPPER	LMRC-103	ROOM CONTROLLER	PLENUM	3	-	-	-	-	-	-	-	20A	120/2TT		
O2	WATTSTOPPER	LMDC-100	OCCUPANCY SENSOR	CEILING	-	-	YES	YES	-	-	YES	RR/CORR	-	24VDC		
W2	WATTSTOPPER	LMSH-102	PERSONAL CONTROL - 2 BUTTON	WALL	-	-	-	-	-	-	-	-	-	24VDC	I	
W3	WATTSTOPPER	LMSH-103	PERSONAL CONTROL - 3 BUTTON	WALL	-	-	-	-	-	-	-	-	-	24VDC	I	
W0	WATTSTOPPER	LMFH-100	PERSONAL CONTROL - OCC. SENSOR	WALL	-	-	YES	-	15 MINUTES	-	YES	NO	-	24VDC	I	
NOTES: I. ARCHITECT SHALL SELECT COLOR FROM MANUFACTURER'S COLOR PALATE DURING THE SUBMITTAL PROCESS.																
CONTROL NOTES: I. AUTO ON (OCCUPANCY MODE): LOAD TURNS ON AND OFF AUTOMATICALLY BASED ON OCCUPANCY. IF LOAD IS TURNED OFF MANUALLY, LOAD REMAINS OFF UNTIL 5 MINUTES AFTER OCCUPANT DETECTION, IT THEN REVERTS TO AUTO ON MODE. 2. MANUAL ON (VACANCY MODE): OCCUPANT MUST MANUALLY PRESS ON/OFF BUTTON TO ENERGIZE THE LOAD. LOAD REMAINS ENERGIZED UNTIL NO MOTION IS DETECTED FOR THE SELECTED TIME DELAY. 3. 30 SECOND RE-TRIGGER DELAY - IF SENSOR DETECTS MOTION DURING DELAY SENSOR SHALL RE-ENERGIZE LOAD. SENSOR SHALL ENERGIZE LOAD UPON DETECTION OF MOTION, LOAD IS DE-ENERGIZED ONCE SPACE IS VACANT AND THE ADJUSTABLE TIME DELAY ELAPSES. 5. MANUAL OVERRIDE SWITCH SHALL DE-ENERGIZE LOAD DURING OCCUPANCY FOR THE DURATION OF THE SET TIME DELAY. MANUAL ON SWITCH SHALL ENERGIZE LOAD FOR THE DURATION OF OCCUPANCY. 6. FOR DUAL SWITCH SENSORS DEFAULT IN AUTO-ON TO 50% OPERATION.																
GENERAL NOTES (APPLIES TO ALL ABOVE): A. PROVIDE POWER PACKS FOR ALL LOW VOLTAGE OCCUPANCY SENSORS. B. PROVIDE POWER PACK TYPE AND QUANTITY RECOMMENDED BY MANUFACTURER FOR DEVICES SCHEDULED. C. PROVIDE ALL REQUIRED WIRING FOR A COMPLETE INSTALLATION. REFERENCE MANUFACTURER'S WIRING DIAGRAMS FOR ALL REQUIRED WIRING. D. DUAL TECHNOLOGY SENSORS OCCUPANCY LOGIC SHALL BE SELECTED FOR DETECTION BY EITHER TECHNOLOGY AND SHOULD ONLY REQUIRE ONE FOR INITIAL AND MAINTAINED OCCUPANCY AND RETRIGGER WHEN OPTION IS AVAILABLE. F. ALL WALL SWITCHES WITH MORE THAN TWO BUTTONS OR BUTTONS FOR DIMMING SHALL BE ENGRAVED WITH THE SCENE FUNCTION. TEXT SHALL BE SELECTED DURING THE SUBMITTAL PROCESS. G. PROVIDE TWO DIGITAL WIRELESS CONFIGURATION TOOLS, WATTSTOPPER MODEL LMCT-100.																

SEAL

ENGINEER - CASEY JOHN STEINER
MO. LICENSE NO. PE-2009035182



ELECTRICAL
SCHEDULES

ISSUE DATE:
02.04.2019

REVISIONS:

Y GARDENS APARTMENTS

1255 E. CHESTNUT

SPRINGFIELD, GREENE COUNTY, MISSOURI 65802

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ARCHITECTURAL CORPORATION
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OF AUTHORITY NO. 000073

