

Madison Metropolitan School District Randall Elementary School - 5th Addition - 2016

1802 Regent St.
Madison, WI 53726

pra
PLUNKETT RAYSICH
ARCHITECTS, LLP

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Project Information

Project Date: 08 MAR 16
PRA Project Number: 140248-14
Owner Project Number: 026_Addition_2016

CITY OF MADISON - LANDMARKS COMMISSION PERMIT APPLICATION

Applicable Codes and Zoning

International Building Code (IBC) 2009
International Existing Building Code (IEBC) 2009
Wisconsin Commercial Building Code SPS 360-366
Educational Occupancy, Group E
Zoning: City of Madison Ordinances

Type of Construction

Existing Building - Type VB, Unprotected - Non-Sprinklered
New Construction (Addition) - Type IIB, Unprotected - Non-Sprinklered

ADA Access Route

Refer to Sheet A050

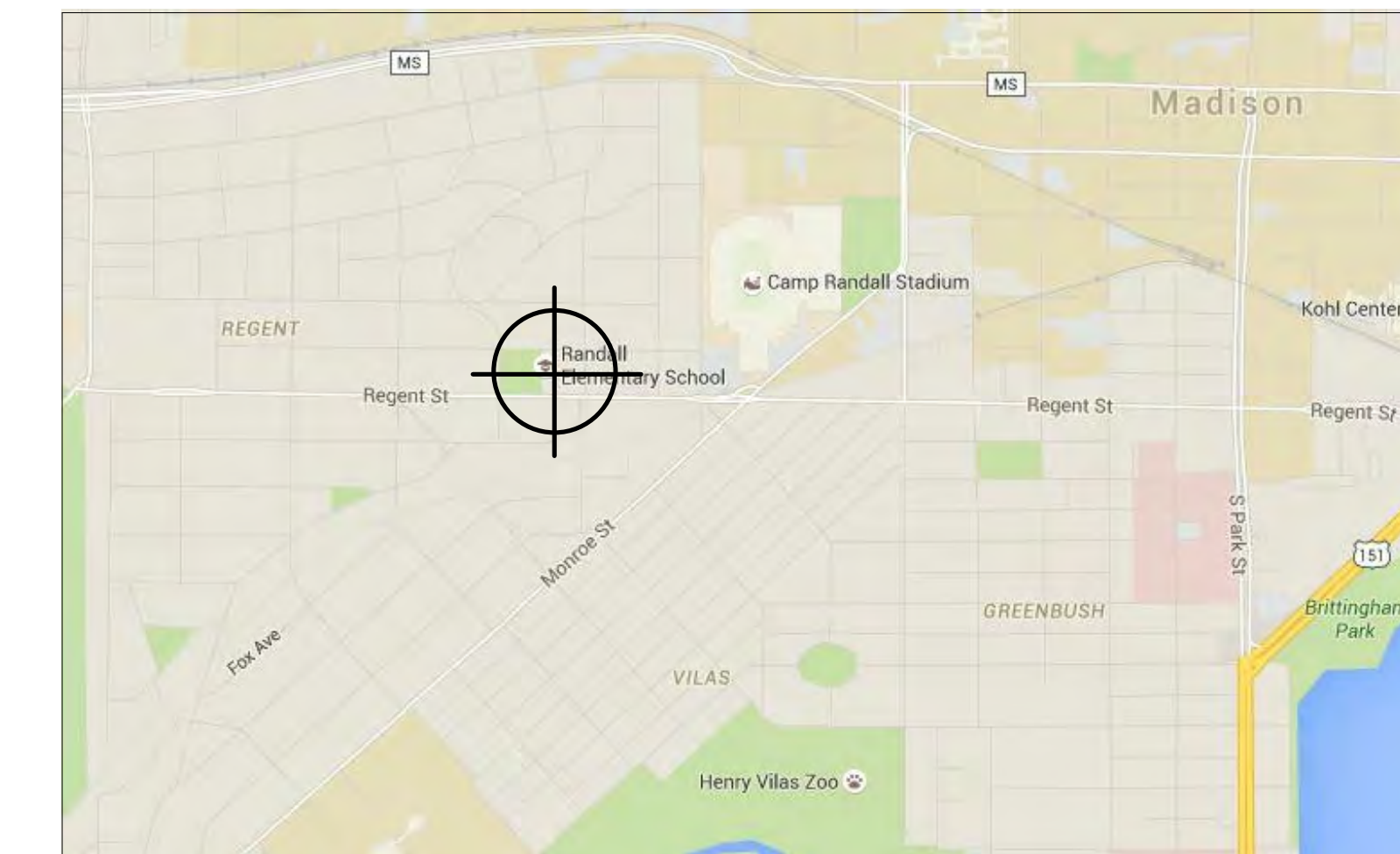
Building Area

Existing Building:
Basement Floor: 24,907 SQ FT
First Floor: 23,881 SQ FT
Second Floor: 21,027 SQ FT

Remodel Area:
Basement Floor: 420 SQ FT
First Floor: 376 SQ FT
Second Floor: 0 SQ FT

Addition:
Basement Floor: 0 SQ FT
First Floor: 151 SQ FT
Second Floor: 151 SQ FT

Project Location



Project Team

OWNER

MADISON METROPOLITAN SCHOOL DISTRICT
4711 Pflaum Road
Madison, WI 53718
Tel (608) 204-7900

CIVIL

WYSER ENGINEERING, LLC
201 1/2 E. Main Street
Mt. Horeb, WI 53572
Tel (608) 843-3388

CIVIL

KJWW Engineering Consultants
1800 Deming Way, Suite 200
Middleton, WI 53562
Tel (608) 223-9600

STRUCTURAL

KJWW Engineering Consultants
1800 Deming Way, Suite 200
Middleton, WI 53562
Tel (608) 223-9600

PLUMBING

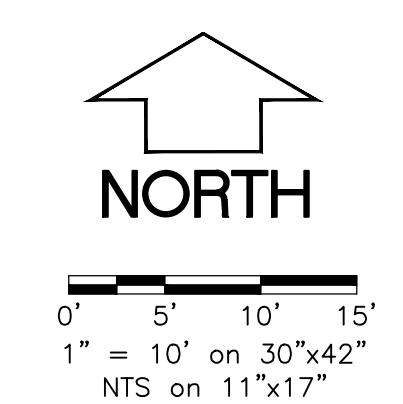
KJWW Engineering Consultants
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Middleton, WI 53562
Tel (608) 223-9600

MECHANICAL

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Middleton, WI 53562
Tel (608) 223-9600

ELECTRICAL

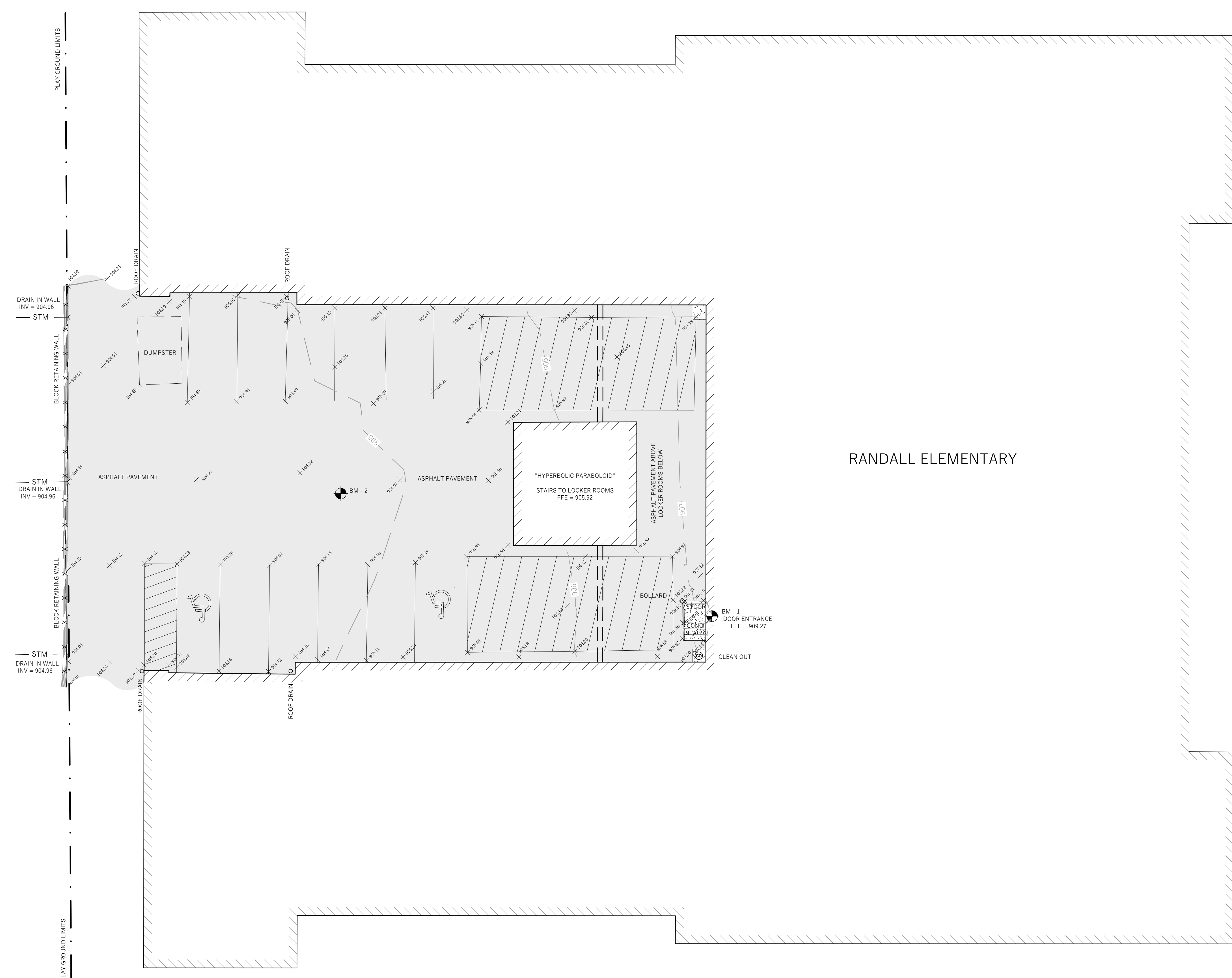
KJWW Engineering Consultants
1800 Deming Way, Suite 200
Middleton, WI 53562
Tel (608) 223-9600



CHADBOURNE AVENUE

SPONNER STREET

REGENT STREET



LEGEND

○	BENCHMARK
◎	CLEAN OUT UNKNOWN
○	BOLLARD
---	APPROXIMATE RIGHT-OF-WAY
▬▬▬▬▬▬	BUILDING FOOTPRINT
▬▬▬▬▬▬	BUILDING FOOTPRINT (AS PROVIDED)
▬▬▬▬▬▬	EDGE OF CONCRETE
▬▬▬▬▬▬	EDGE OF ASPHALT
X-X-X-X	FENCE LINE
○-○-○-○	RAILING
---STM---STM---STM	DRAIN LINE
▬▬▬▬▬▬	ASPHALT PAVEMENT
▬▬▬▬▬▬	CONCRETE PAVEMENT
---905---	CONTOUR MAJOR
---906---	CONTOUR MINOR

- GENERAL NOTES
1. FIELD WORK PERFORMED BY WYSER ENGINEERING, LLC. ON NOVEMBER 19TH, 2015.
 2. NORTH REFERENCE FOR THIS TOPOGRAPHIC AND UTILITY MAP ARE BASED ON THE WISCONSIN COUNTY COORDINATE SYSTEM GRID NORTH - TRUE NORTH.
 3. ELEVATIONS ARE BASED ON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAV88).
 4. SUBSURFACE UTILITIES AND FIXTURES SHOWN ON THIS MAP HAVE BEEN APPROXIMATED BY LOCATING SURFACE FEATURES AND ACCESSORIES, DIGGERS HOTLINE FIELD MARKINGS AND EXISTING MAPS AND RECORDS.
 5. BEFORE EXCAVATION, APPROPRIATE UTILITY COMPANIES SHOULD BE CONTACTED. FOR EXACT LOCATION OF UNDERGROUND UTILITIES, CONTACT DIGGERS HOTLINE AT 1800.242.8511 OR 811.
 6. THE ACCURACY OF THE BENCHMARKS SHOWN ON THIS MAP SHALL BE VERIFIED BEFORE USE. WYSER ENGINEERING, LLC. DOES NOT WARRANT THE ACCURACY OF THESE BENCHMARKS.
 7. THIS PARCEL IS SUBJECT TO ALL EASEMENTS AND AGREEMENTS, BOTH RECORDED AND UNRECORDED.

BENCHMARK TABLE

BM LABEL	ELEVATION	DESCRIPTION
BM - 1	909.27	FINISHED FLOOR ELEVATION INSIDE RANDALL ELEM.
BM - 2	964.79	PK NAIL IN CENTER OF RANDALL ELEM. COURTYARD
BM - 3	911.71	PK NAIL IN ELEVATED PLAYGROUND WEST OF BUILDING

1/001
EXISTING CONDITIONS MAP
1" = 10'

MMSD RANDALL ELEMENTARY SCHOOL

CITY OF MADISON, DANE COUNTY, WI

Sheet Title:
EXISTING CONDITIONS MAP

Revisions:

No.	Date:	Description:
△	00/00/00	Addendum No. 1

Graphic Scale: 0' 2.5' 5' 10' 15'

Wysen Number: 15-0292

Set Type: PERMIT

Date issued: 08 MAR 16

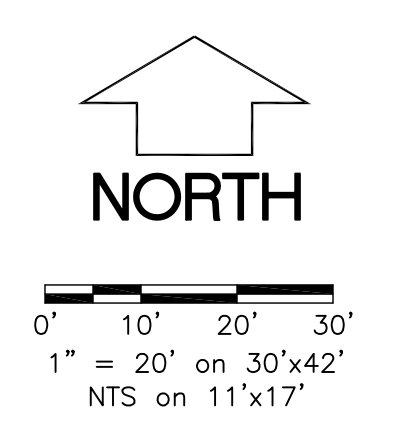
Sheet Number: V001



Plunkett Royach Architects, LLP - December 24, 2015 - 1:35pm
\\WYSESERVER\Wysen Engineering\2015\150292_PRA - MMSD-Randall Elementary\DWG\180292_MMSD_Randall_topo.dwg [EXCON MAP] Jule

LEGEND (PROPOSED)

- APPROXIMATE PROPERTY BOUNDARY
- ▭ BUILDING FOOTPRINT
- ▭ ASPHALT PAVEMENT
- ▭ CONCRETE PAVEMENT
- - - - - DISTURBANCE LIMITS



GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS WAS SHOT IN THE FIELD THE WEEK OF NOVEMBER 30TH, 2015. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS, CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
2. BENCHMARK INFORMATION CAN BE FOUND ON THE EXISTING CONDITIONS MAP. THE BENCHMARK LOCATIONS ARE SHOWN FOR REFERENCE ONLY ON THIS PLAN. THE BENCHMARKS SHALL BE VALIDATED BY LICENSED LAND SURVEYOR PRIOR TO CONSTRUCTION. CONTRACTOR ASSUMES RISK ASSOCIATED WITH BENCHMARK ELEVATIONS UNTIL CONFIRMED.
3. CONTRACTOR TO OBTAIN APPROPRIATE PERMITS FOR STREET OPENINGS & TO WORK WITHIN THE CITY'S LAND IF REQUIRED.
4. WYSER ENGINEERING SHALL BE HELD HARMLESS AND DOES NOT WARRANT ANY DEVIATIONS BY THE OWNER OR CONTRACTOR FROM THE APPROVED CONSTRUCTION PLANS THAT MAY RESULT IN DISCIPLINARY ACTIONS BY REGULATORY AGENCIES.
5. IF ANY ERRORS, DISCREPANCIES, OR OMISSIONS WITHIN THE PLAN BECOME APPARENT, IT SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER PRIOR TO CONSTRUCTION SO THAT CLARIFICATION OR REDESIGN MAY OCCUR.
6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION- LATEST EDITION.

SITE INFORMATION BLOCK:

SITE ADDRESS: 1802 REGENT STREET
 LOT ACREAGE: 1.32 AC
 SITE DISTURBANCE AS PART OF THIS PROJECT: 1,000 SF
 PERCENT OF SITE DISTURBANCE TO LOT ACREAGE: 1.7%
 USE OF PROPERTY: INSTITUTIONAL

TOTAL NUMBER OF EXISTING/PROPOSED PARKING STALLS:
 STANDARD: 32
 ACCESSIBLE: 2

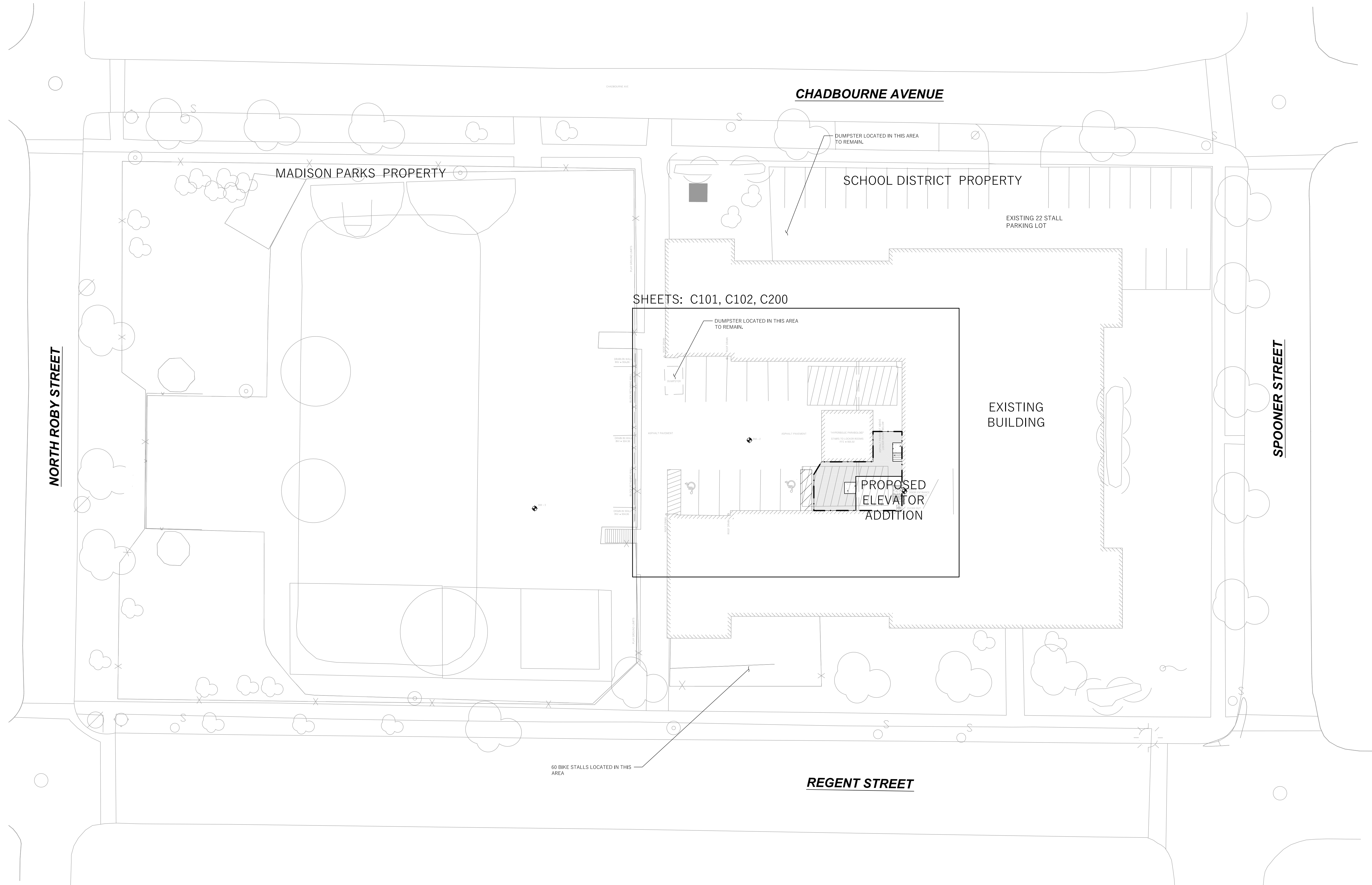
TOTAL NUMBER OF EXISTING/PROPOSED BIKE STALLS: 60

EXISTING IMPERVIOUS AREA WITHIN SITE DISTURBANCE LIMITS:
 ROOFTOP: 0 SF
 PAVEMENT: 995 SF
 IMPERVIOUS RATIO OF DISTURBANCE LIMITS: 1.0

REDEVELOPMENT IMPERVIOUS AREA:
 ROOFTOP: 306 SF
 PAVEMENT: 689 SF

MAINTENANCE IMPERVIOUS AREA (INCLUDED IN DISTURBED AREA):
 ROOFTOP: 0 SF
 PAVEMENT: 0 SF

FINAL IMPERVIOUS AREA WITHIN SITE DISTURBANCE LIMITS:
 ROOFTOP: 306 SQ.FT.
 TOTAL IMPERVIOUS AREA: 995 SQ.FT.
 IMPERVIOUS RATIO OF DISTURBANCE LIMITS: 1.0



SHEETS: C101, C102, C200

CHADBOURNE AVENUE

SCHOOL DISTRICT PROPERTY

EXISTING 22 STALL PARKING LOT

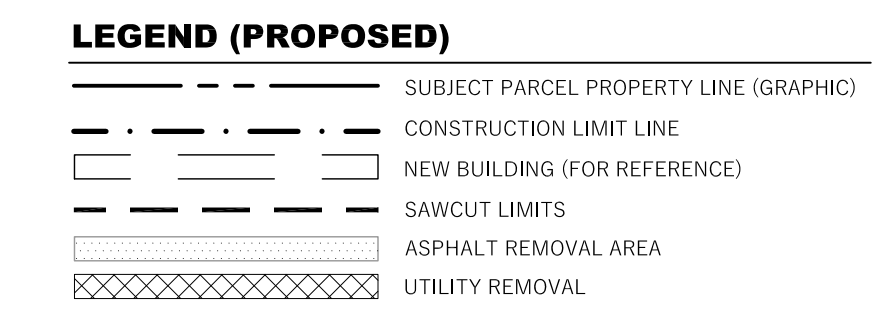
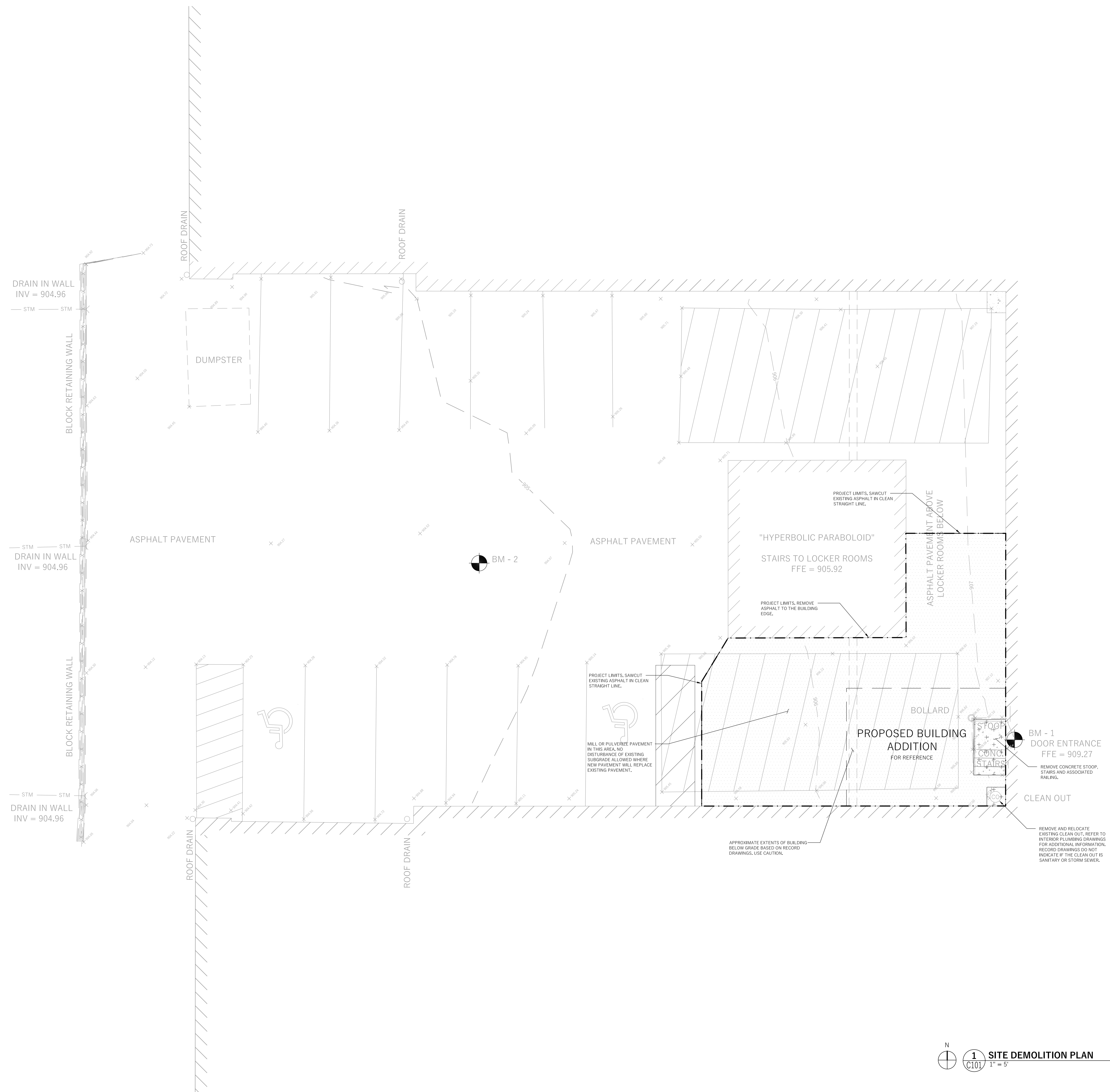
EXISTING BUILDING

PROPOSED ELEVATOR ADDITION

REGENT STREET

NORTH ROBY STREET

SPOONER STREET

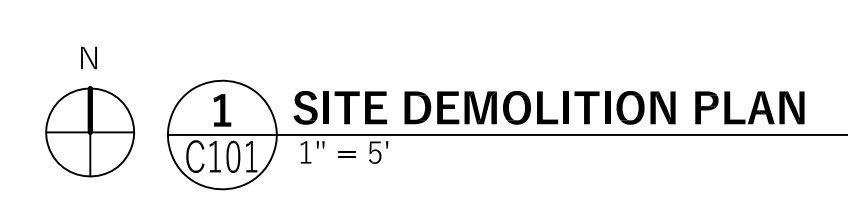


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DEMOLITION NOTES

- THIS PLAN INDICATES ITEMS ON THE SITE, NOT INCLUDING INTERNAL BUILDING DEMOLITION, INTENDED FOR DEMOLITION BASED ON THE CURRENT SITE DESIGN THAT HAVE BEEN IDENTIFIED BY A REASONABLE OBSERVATION OF THE EXISTING CONDITIONS THROUGH FIELD SURVEY RECONNAISSANCE, "DIGGERS HOTLINE" LOCATION, AND GENERAL "STANDARD OF CARE". THERE MAY BE ADDITIONAL ITEMS THAT CAN NOT BE IDENTIFIED BY A REASONABLE ABOVE GROUND OBSERVATION, WHICH ARE NOT INCLUDED WITHIN THE FIELD SURVEY BY OTHERS, OF WHICH THE ENGINEER WOULD HAVE NO KNOWLEDGE OR MAY BE A PART OF ANOTHER DESIGN DISCIPLINE. IT IS THE CONTRACTOR'S / BIDDER'S RESPONSIBILITY TO REVIEW THE PLANS, INSPECT THE SITE AND PROVIDE HIS OWN DUE DILIGENCE TO INCLUDE IN HIS BID WHAT ADDITIONAL ITEMS, IN HIS OPINION, MAY BE NECESSARY FOR DEMOLITION. ANY ADDITIONAL ITEMS IDENTIFIED BY THE CONTRACTOR / BIDDER SHALL BE IDENTIFIED IN THE BID AND REPORTED TO THE OWNER AND ENGINEER OF RECORD. WYSER ENGINEERING TAKES NO RESPONSIBILITY FOR ITEMS ON THE PROPERTY THAT COULD NOT BE LOCATED BY A REASONABLE OBSERVATION OF THE PROPERTY OR OF WHICH THEY WOULD HAVE NO KNOWLEDGE.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR IS RESPONSIBLE FOR:
 - EXAMINING ALL SITE CONDITIONS RELATIVE TO THE CONDITIONS INDICATED ON THE ENGINEERING DRAWINGS, ANY DISCREPANCIES ARE TO BE REPORTED TO THE OWNER AND ENGINEER AND RESOLVED PRIOR TO THE START OF CONSTRUCTION.
 - VERIFYING UTILITY ELEVATIONS AND NOTIFYING OWNER AND ENGINEER OF ANY DISCREPANCIES, NO WORK SHALL BE PERFORMED UNTIL THE DISCREPANCIES ARE RESOLVED.
 - NOTIFYING ALL UTILITIES PRIOR TO THE REMOVAL OF ANY UNDERGROUND UTILITIES.
 - NOTIFYING THE OWNER, DESIGN ENGINEER AND LOCAL CONTROLLING MUNICIPALITY 48 HOURS PRIOR TO THE START OF CONSTRUCTION TO ARRANGE FOR APPROPRIATE CONSTRUCTION INSPECTION.
- CONTRACTOR IS SOLELY RESPONSIBLE FOR SITE SAFETY DURING THE CONSTRUCTION OF THESE IMPROVEMENTS.
- CONTRACTOR SHALL KEEP ALL STREETS AND ADJOINING SHARED ACCESS ROADWAYS FREE AND CLEAR OF ALL CONSTRUCTION RELATED DIRT, DUST AND DEBRIS.
- ALL TREES WITHIN THE CONSTRUCTION LIMITS SHALL BE REMOVED UNLESS SPECIFICALLY CALLED OUT FOR PROTECTION. ALL TREES TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY, STUMPS SHALL BE GROUND TO PROPOSED SURGRADE.
- PERFORM TREE PRUNING IN ALL LOCATIONS WHERE PROPOSED PAVEMENT AND / OR UTILITY INSTALLATION ENDOURCH WITHIN THE EXISTING DRIP LINE OF THE TREES TO REMAIN. ALL TRENCHING WITHIN THE EXISTING DRIP LINE OF THE TREES TO REMAIN SHALL BE DONE RADIALY AWAY FROM THE TRUNK IF ROOTS IN EXCESS OF 1" DIAMETER ARE EXPOSED. ROOTS MUST BE CUT BY REPUTABLE TREE PRUNING SERVICE PRIOR TO ANY TRANSVERSE TRENCHING.
- CONTRACTOR SHALL COORDINATE PRIVATE UTILITY REMOVAL / ABANDONMENT AND NECESSARY RELOCATIONS WITH RESPECTIVE UTILITY COMPANY, COORDINATION REQUIRED PRIOR TO CONSTRUCTION.
- ABANDONED / REMOVED ITEMS SHALL BE DISPOSED OF OFF SITE UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL INSTALL A PEDESTRIAN FENCE AROUND ALL EXCAVATIONS TO BE LEFT OPEN OVERNIGHT AS REQUIRED.
- CONTRACTOR TO REMOVE EXISTING UTILITY PIPE AND BACKFILL WITH SELECT FILL OR PROVIDE PIPE BACK-FILLING WITHIN BUILDING FOOTPRINT USING "LOW DENSITY CONCRETE / FLOWABLE FILL".
- GRANULAR BACKFILL MATERIALS ARE REQUIRED FOR FILL UNDER PROPOSED PAVED AREAS.
- RESTORATION OF THE EXISTING RIGHT-OF-WAYS AS NEEDED ARE CONSIDERED INCIDENTAL AND SHOULD BE PART OF THE COST OF THE UNDERGROUND IMPROVEMENTS. DEMOLITION AND REMOVAL, THIS INCLUDES, BUT IS NOT LIMITED TO, CURB & GUTTER, SIDEWALK, TOPSOIL, SEEDING AND MULCHING.
- ANY SANITARY SEWER, SANITARY SEWER SERVICES, WATER MAIN, WATER SERVICES, STORM SEWER, OR OTHER UTILITIES, WHICH ARE DAMAGED BY THE CONTRACTORS, SHALL BE REPAIRED TO THE OWNER'S SATISFACTION AT THE CONTRACTOR'S EXPENSE.
- ALL SITE SIGNAGE SHALL BE SALVAGED FOR REUSE AND SHALL BE THE PROPERTY OF THE OWNER IF REUSE IS NOT NECESSARY ON THIS PROJECT.



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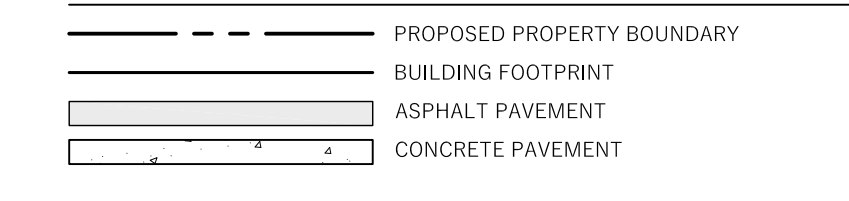
**Madison Metropolitan School District
Randall Elementary School**
1802 Regent Street, Madison, WI 53726

Revisions:

Drawn By: DOS
Date: 08 MAR 16
Job No.: 140248-14
Sheet No.: C101

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LEGEND (PROPOSED)



0' 2.5' 5' 7.5'
1" = 5' on 30'x42'
NTS on 11'x17'

GENERAL NOTES

- 1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS WAS SHOT IN THE FIELD THE WEEK OF NOVEMBER 13TH, 2016. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS, CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
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DRAIN IN WALL
INV = 904.96

BLOCK RETAINING WALL

DRAIN IN WALL
INV = 904.96

BLOCK RETAINING WALL

DRAIN IN WALL
INV = 904.96

ASPHALT PAVEMENT

ASPHALT PAVEMENT

BM - 2

REMOVE EXISTING STRIPING AND REPLACE WITH NEW 5'X5' ADA STALL LANDING AREA

"HYPERBOLIC PARABOLOID"
STAIRS TO LOCKER ROOMS
FFE = 905.92

12.8'
4.1'
4.5'
3.7'

BOLLARD

PROPOSED ELEVATOR ADDITION

BM - 1
DOOR ENTRANCE
FFE = 909.27

CLEAN OUT

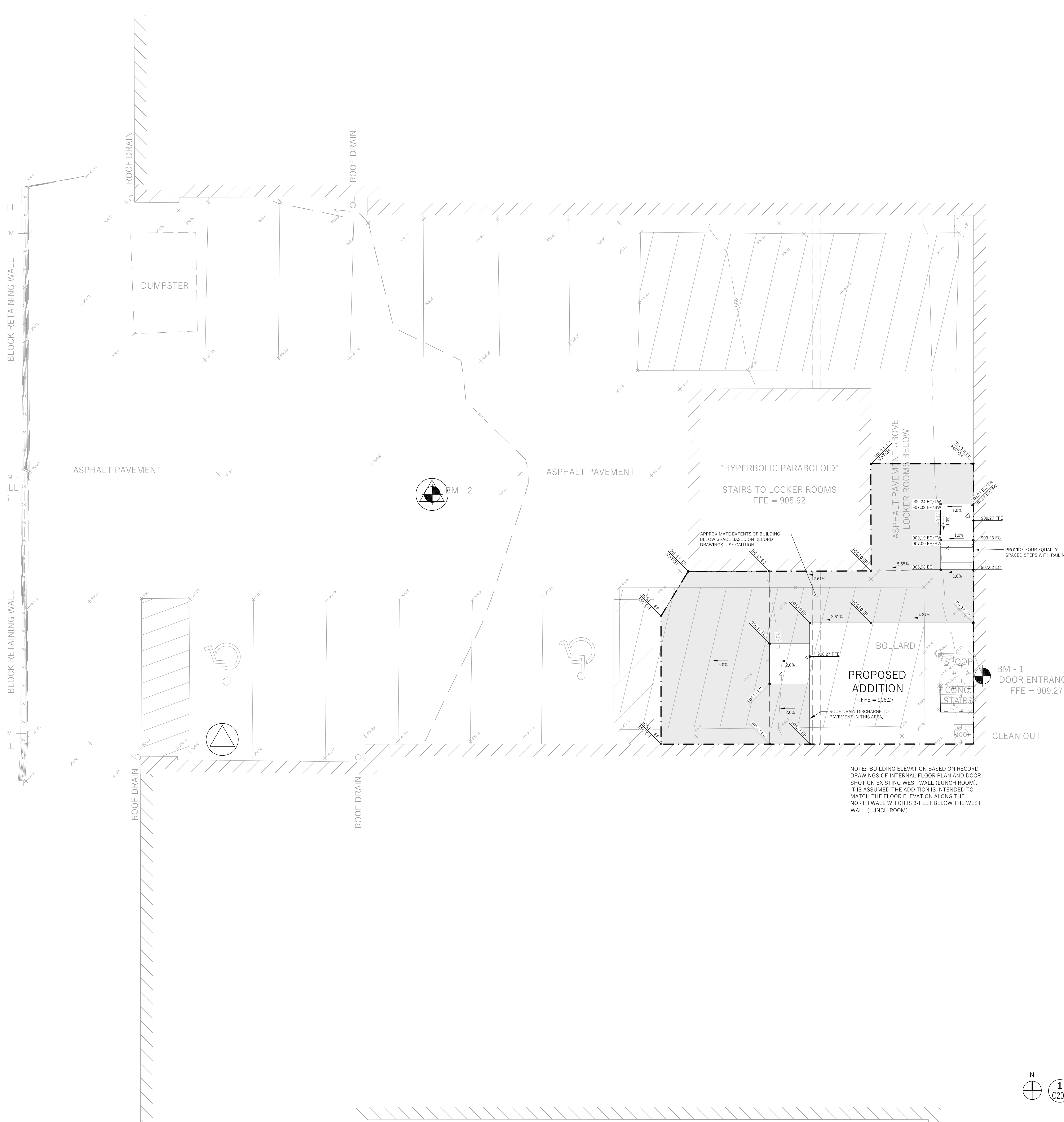
CONTRACTOR TO FIELD VERIFY ALL EXISTING INTERIOR COLUMN LINES AND TRANSFER COLUMN LINES INTO THE PROPOSED ADDITION.

APPROXIMATE EXTENTS OF BUILDING BELOW GRADE BASED ON RECORD DRAWINGS, USE CAUTION.

1
C102
DETAIL SITE PLAN
1" = 5'

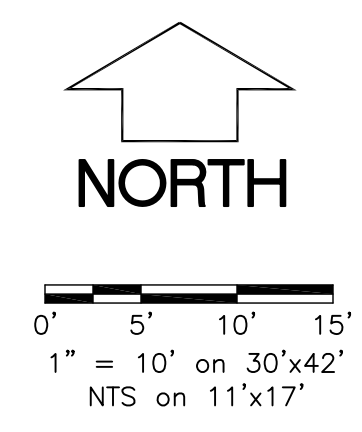
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Madison Metropolitan School District
Randall Elementary School
1802 Regent Street, Madison, WI 53726
Revisions:
Drawn By: DOS
Date: 08 MAR 16
Job No.: 140248-14
Sheet No.: C102



LEGEND (PROPOSED)

- PROPERTY BOUNDARY
- ▭ BUILDING FOOTPRINT
- ▭ ASPHALT PAVEMENT
- ▭ CONCRETE PAVEMENT
- 905 — PROPOSED MAJOR CONTOUR
- 906 — PROPOSED MINOR CONTOUR
- 906.73 EP — SPOT GRADE
- - - DRAINAGE GRADE BREAK
- DRAINAGE ARROW
- 1.0%



GENERAL NOTES

1. UNDERLYING SITE CONTOURS AND INFORMATION BASED ON TOPOGRAPHIC & UTILITY DATA AS WAS SHOT IN THE FIELD THE WEEK OF NOVEMBER 29TH, 2015. WYSER ENGINEERING SHALL NOT BE HELD RESPONSIBLE FOR ANY ERRORS OR OMISSIONS THAT MAY ARISE AS A RESULT OF ERRONEOUS OR INCOMPLETE INFORMATION PROVIDED BY OTHERS. CONTRACTOR TO CONFIRM ALL ELEVATIONS, GENERAL DRAINAGE AND EARTHWORK REQUIREMENTS PRIOR TO CONSTRUCTION.
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6. ALL MUNICIPAL UTILITY CONNECTIONS, WORK IN ROW, PUBLIC OUTLOTS AND PUBLIC EASEMENTS SHALL BE IN ACCORDANCE WITH CITY OF MADISON STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION - LATEST EDITION.

CONSTRUCTION SITE EROSION CONTROL REQUIREMENTS

1. ALL EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE IMPLEMENTED IN ACCORDANCE WITH THE CURRENT WISCONSIN DEPARTMENT OF NATURAL RESOURCES (WDNR) EROSION AND SEDIMENT CONTROL TECHNICAL STANDARDS (191r.a.dgw).
2. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO SITE DISTURBANCE.
3. ENGINEER / OWNER / CITY OF MADISON HAS THE RIGHT TO REQUIRE CONTRACTOR TO IMPLEMENT ADDITIONAL EROSION CONTROL MEASURES AS NECESSARY. CONTRACTOR MUST NOTIFY THE CITY OF MADISON BUILDING INSPECTOR TWO (2) WORKING DAYS IN ADVANCE OF ANY SOIL DISTURBANCE ACTIVITIES.
4. EROSION AND SEDIMENT CONTROL PRACTICES SHALL BE INSPECTED ONCE PER WEEK AND FOLLOWING EACH RAINFALL EVENT. INSPECTION REPORTING SHALL BE IN ACCORDANCE WITH MUNICIPAL REQUIREMENTS SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
5. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION AND SEDIMENT CONTROL PRACTICES IN WORKING ORDER. EROSION CONTROL MEASURES SHALL BE REMOVED ONLY AFTER SITE CONSTRUCTION IS COMPLETE WITH ALL SOIL SURFACES HAVING AN ESTABLISHED VEGETATIVE COVER.
6. DEWATERING PRACTICES SHALL COMPLY WITH TECHNICAL STANDARD 1061.
7. ALL SLOPES EXCEEDING 25% (4:1) SHALL BE STABILIZED WITH A CLASS 1 TYPE B EROSION MAT.
8. DUST CONTROL SHALL BE MITIGATED IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1068.
9. ALL DISTURBED AREAS SHALL BE SEEDED AND MULCHED IMMEDIATELY FOLLOWING FINAL GRADING ACTIVITIES.
10. SEED MIX AND RATE SHALL BE, AT A MINIMUM, IN ACCORDANCE WITH WDNR TECHNICAL STANDARD 1059.
11. PRIOR TO CONSTRUCTION, CONTRACTOR SHALL PROVIDE VEGETATION PLAN FOR ENGINEER / OWNER FOR APPROVAL.

N
1 GRADING PLAN
C200 1" = 5'

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WYSER
 ENGINEERING

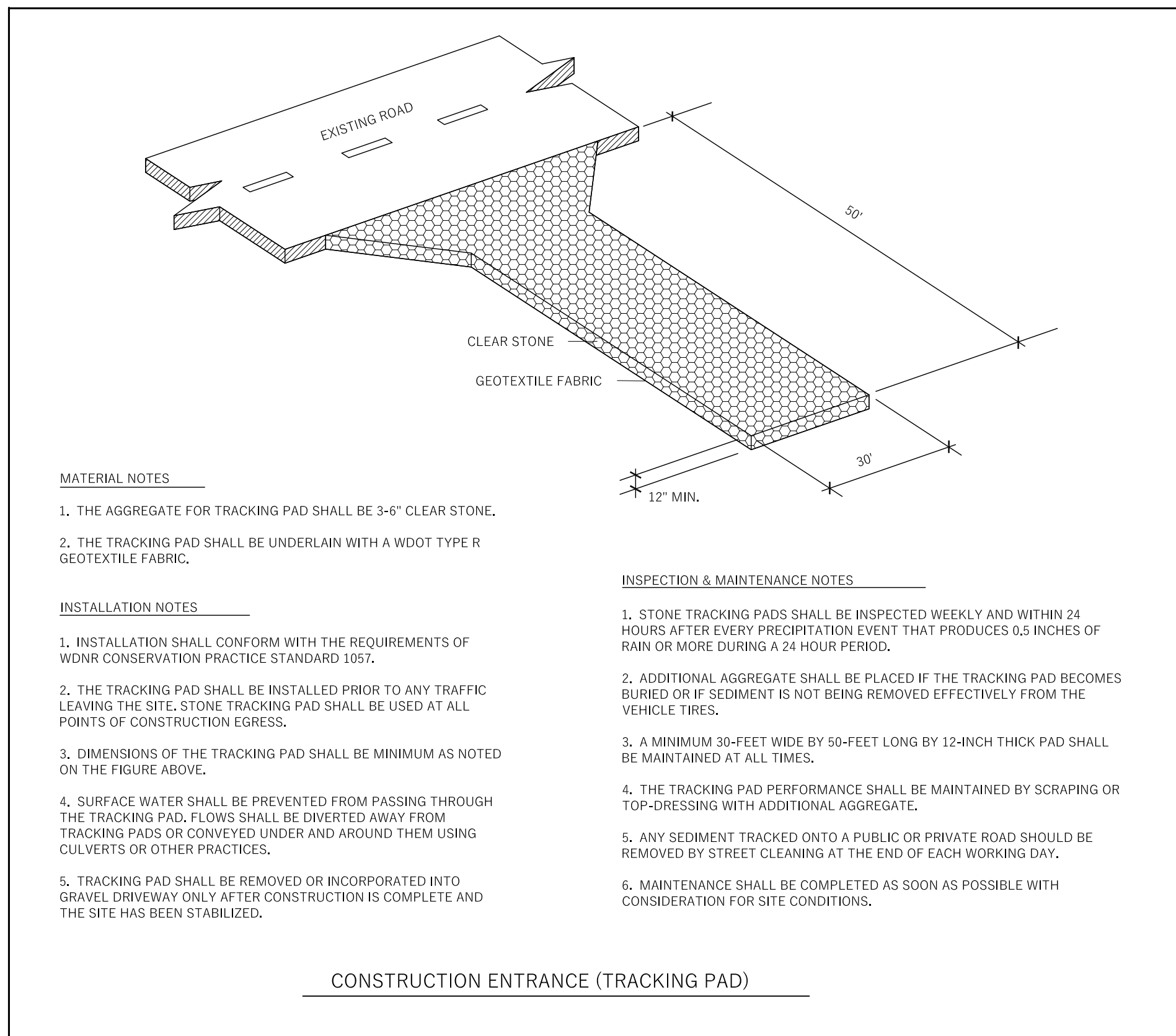
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Job No.:	140248-14
Sheet No.:	C200

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6



1
C300
NTS

DETAILS

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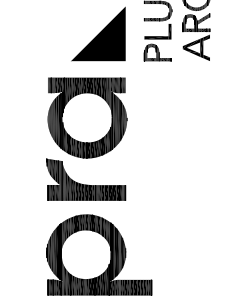
Revisions:

Drawn By:
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Date:
08 MAR 16

Job No.:
140248-14
Sheet No.:

C300

Madison Metropolitan School District
Randall Elementary School
1802 Regent Street, Madison, WI 53726



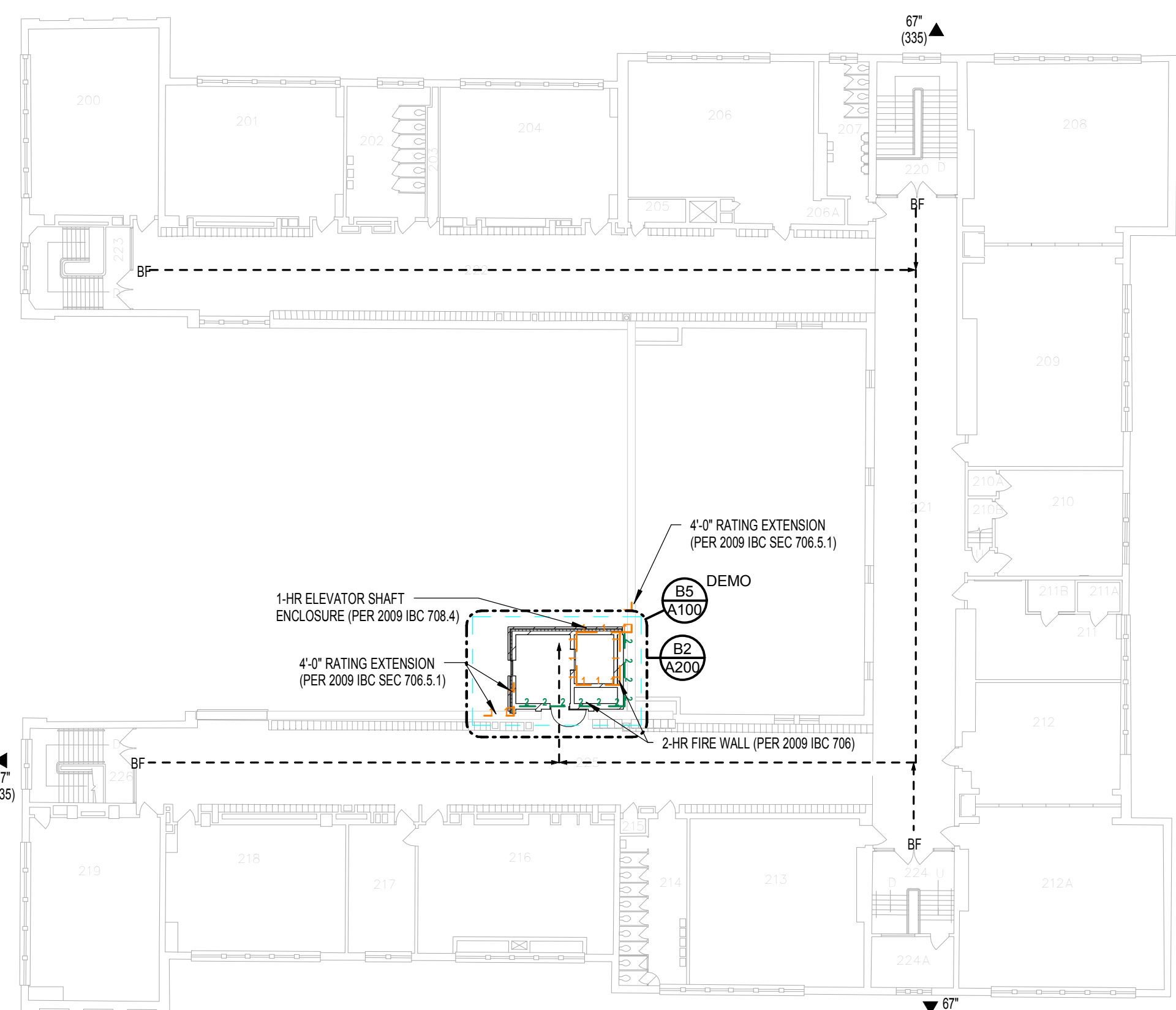
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A

B

C

D

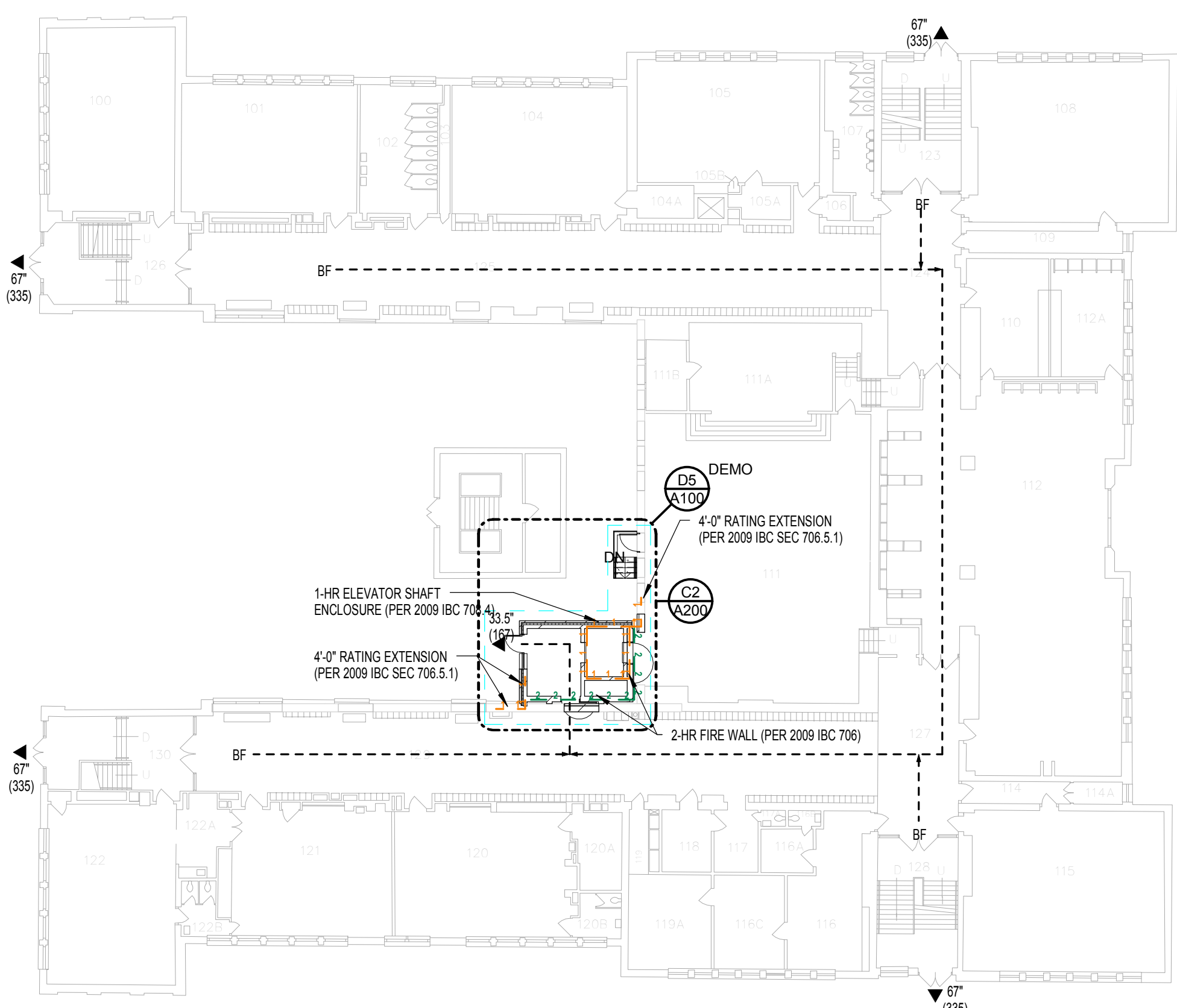


B1 SECOND FLOOR LIFE SAFETY PLAN
A100 1" = 20'-0"

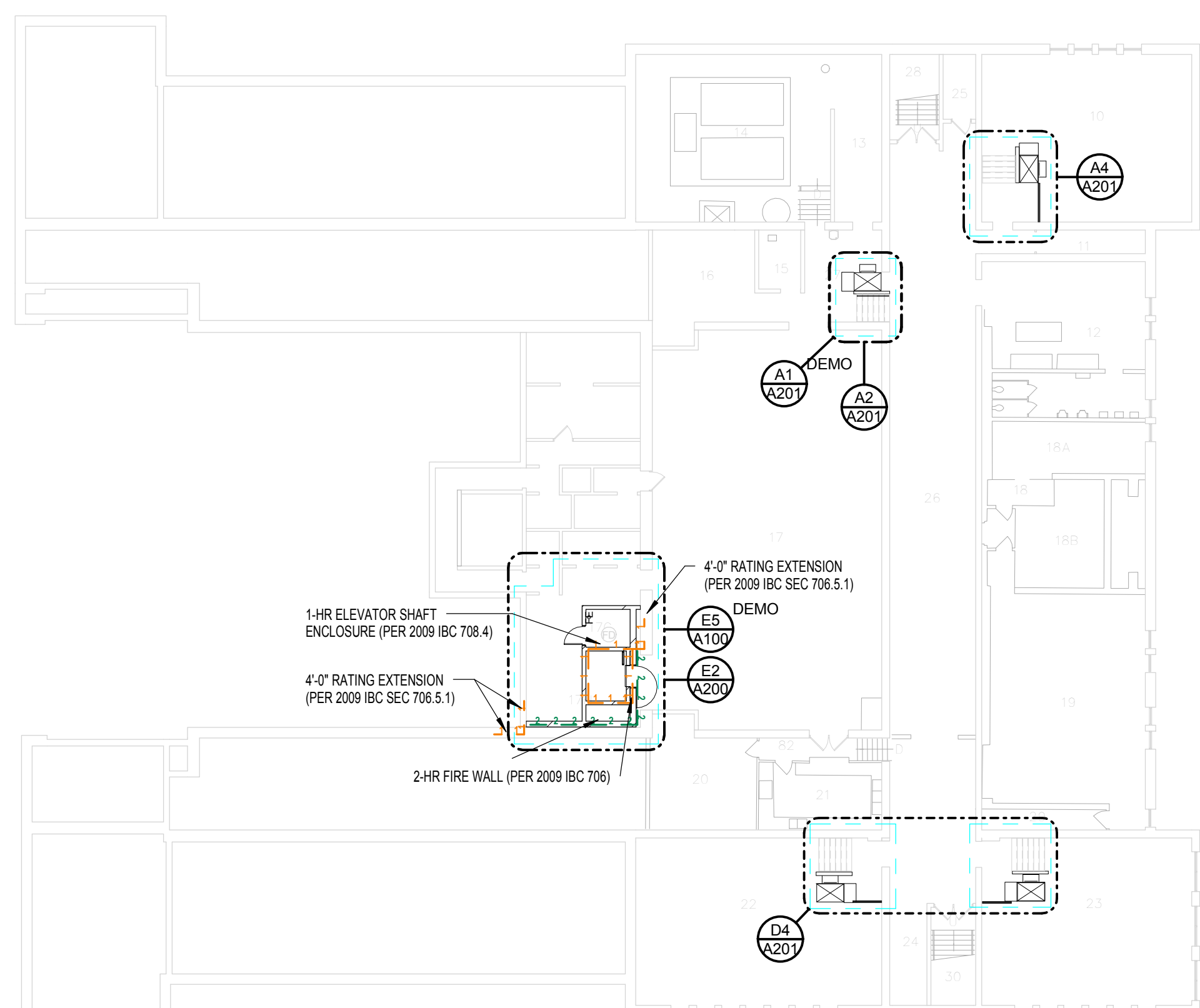
- SUMMARY OF CODE REVIEW WORKSHEETS/INFORMATION:**
- ONE HOUR FIRE RESISTIVE WALL ASSEMBLY
 - TWO HOUR FIRE RATED FIRE WALL
 - EXIT / EGRESS
 - ACCESSIBLE MEANS OF EGRESS
 - (000) MAX OCCUPANTS ACCOMMODATED BY EXIT
 - X' EXIT WIDTH
 - F FIRE EXTINGUISHER
 - D DRINKING FOUNTAIN

Occupant Load

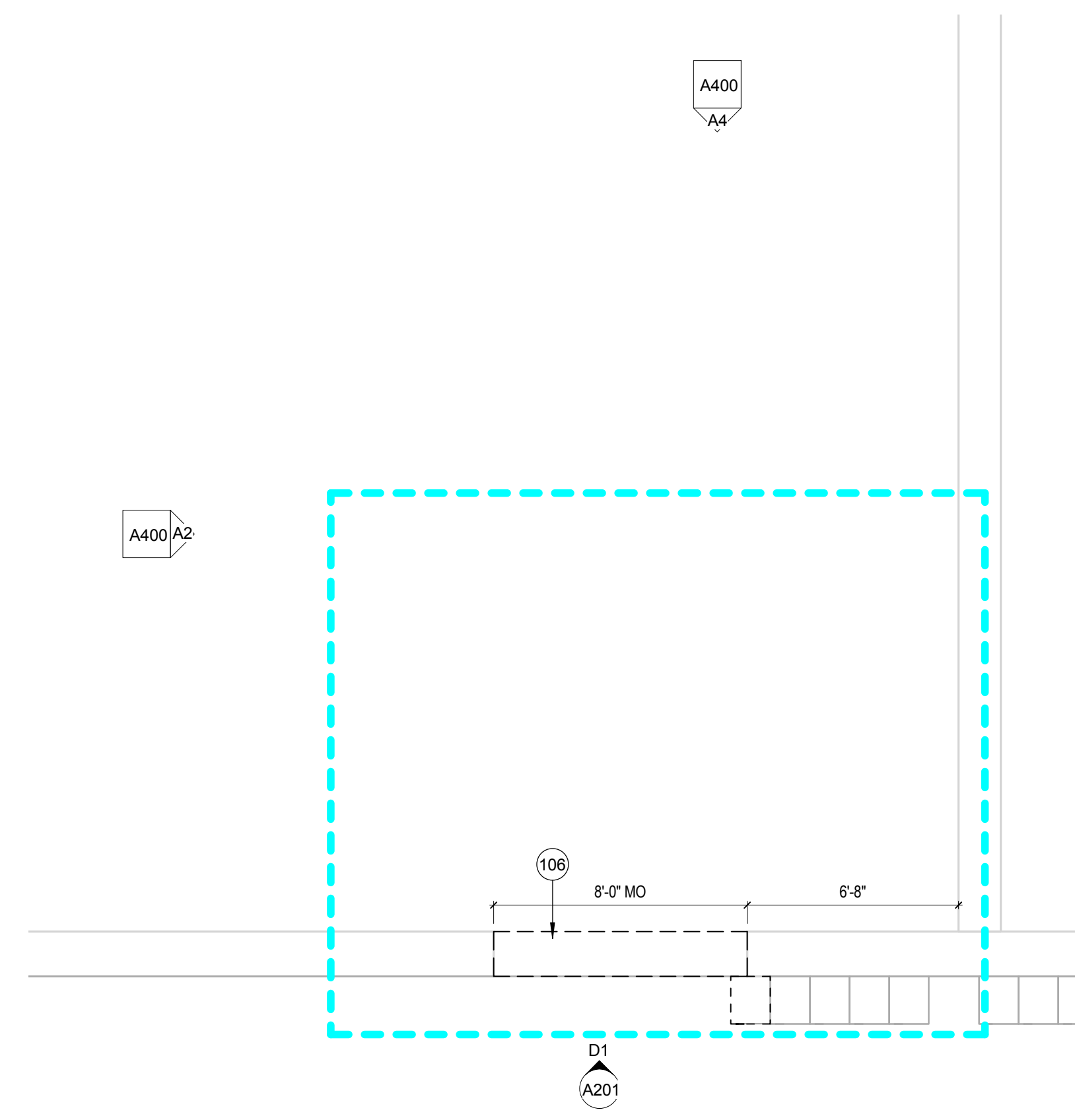
Notes:
Existing building occupant load remains unchanged with the proposed addition/remodel work.



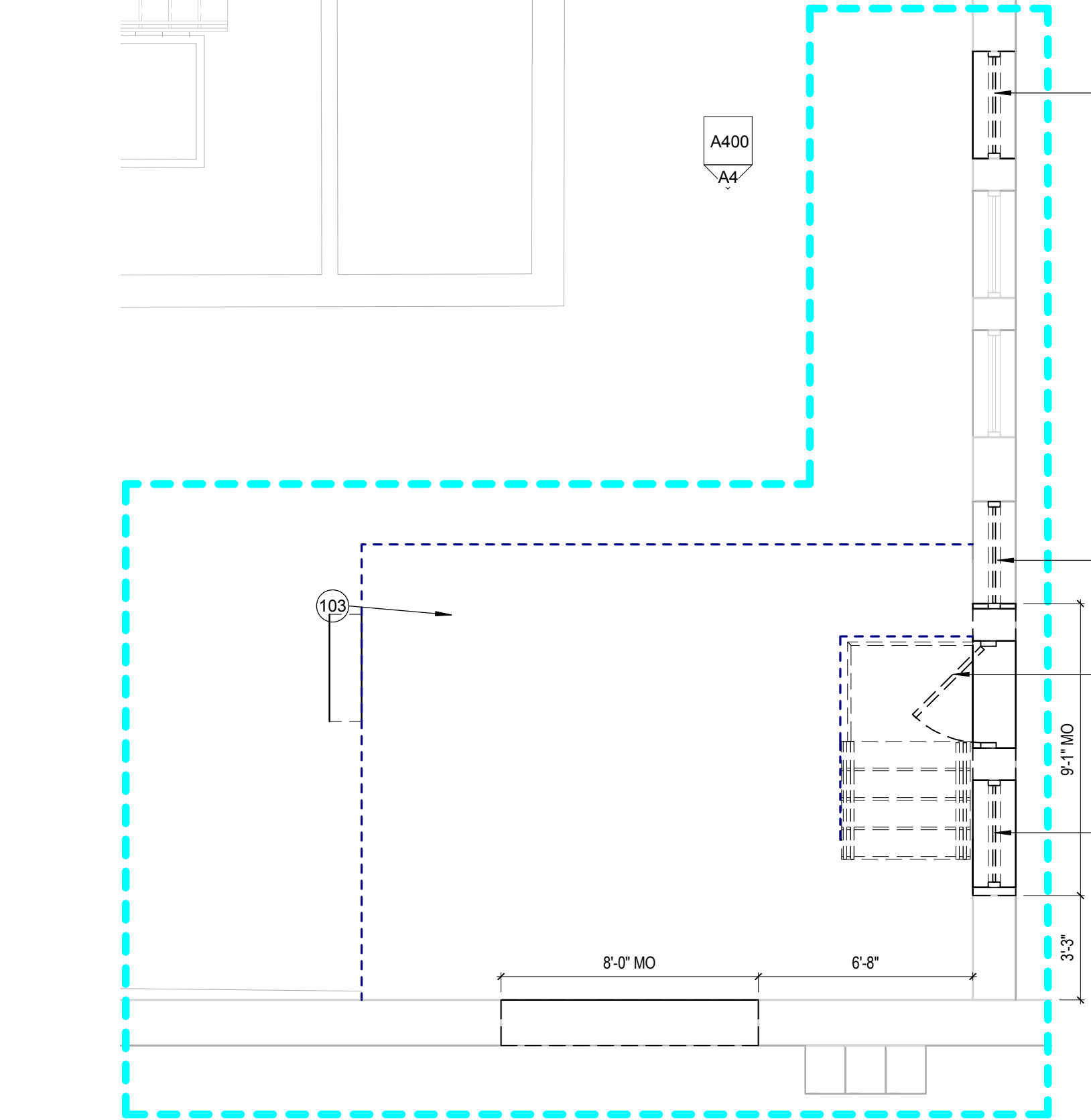
C1 FIRST FLOOR LIFE SAFETY PLAN
A100 1" = 20'-0"



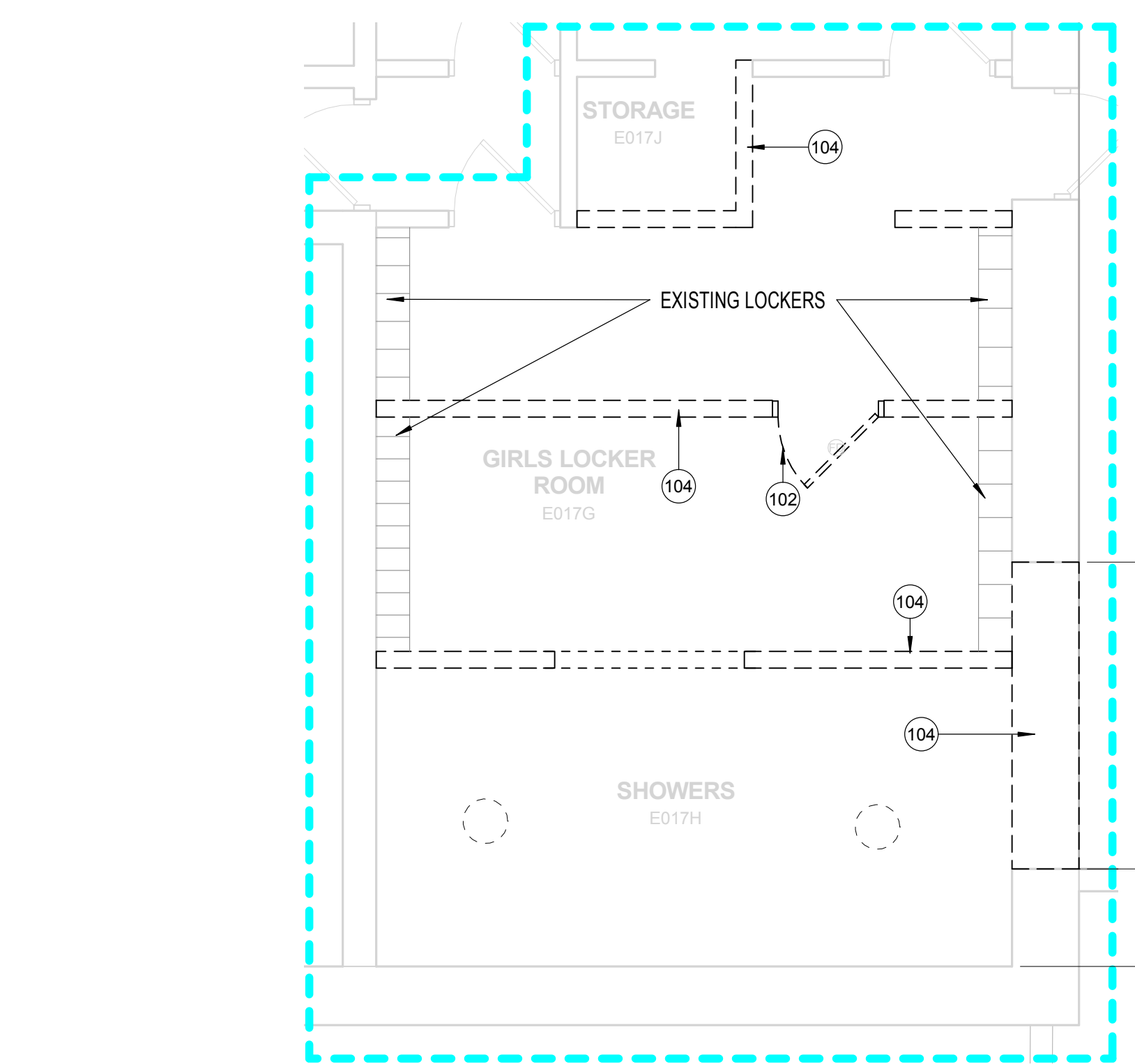
E1 BASEMENT LIFE SAFETY PLAN
A100 1" = 20'-0"



B5 PARTIAL SECOND FLOOR DEMOLITION PLAN
A100 1/4" = 1'-0"



D5 FIRST FLOOR ENLARGED DEMOLITION PLAN
A100 1/4" = 1'-0"



E5 BASEMENT ENLARGED DEMOLITION PLAN
A100 1/4" = 1'-0"

- DEMOLITION PLAN - SYMBOLS LEGEND**
- EXISTING WALLS TO REMAIN
 - EXISTING WALLS TO BE REMOVED
 - EXISTING DOOR TO REMAIN
 - EXISTING DOOR TO BE REMOVED
 - EXISTING ITEM TO REMAIN
 - EXISTING ITEM TO BE REMOVED
 - 1 DEMOLITION PLAN KEYNOTE
 - CONSTRUCTION LIMITS

- DEMOLITION PLAN - GENERAL NOTES**
- A. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.
 - B. VERIFY EXACT COMPOSITION OF EXISTING WALLS TO BE REMOVED.
 - C. REMOVE FLOOR FINISHES, INCLUDING SETTING BED IN CERAMIC TILE AREAS, WHERE NEW FLOORING IS INDICATED IN ROOM FINISH SCHEDULE.
 - D. REMOVE SUSPENDED CEILINGS AND RELATED HANGERS, OR GYPSUM BOARD PLASTER CEILINGS WHERE NEW CEILINGS ARE INDICATED ON REFLECTED CEILING PLAN OR ROOM FINISH SCHEDULE.
 - E. REMOVE ALL COLUMN FINISHES, INCLUDING GYPSUM BOARD AND FURRINGS, FROM EXISTING STRUCTURAL COLUMNS.
 - F. REMOVE ALL INTERIOR AND WALL MOUNTED ITEMS IN AREAS TO BE REMODELED (REFER TO ROOM FINISH SCHEDULE) INCLUDING BUT NOT LIMITED TO: CABINETS, EQUIPMENT, LOCKERS, TOILET PARTITIONS, SHELVING, HOOKSTRIPS, HANDRAILS, CLOSET POLES, CHALK AND TACK BOARDS, MIRRORS, WALL AND CEILING TRIM, BASE.
 - G. REFER TO PLUMBING, HVAC AND ELECTRICAL PLANS FOR ADDITIONAL DEMOLITION ITEMS AND NOTES. COORDINATE WORK WITH PLUMBING, HVAC AND ELECTRICAL REQUIREMENTS.
 - H. COORDINATE DEMOLITION OF LOAD BEARING WALLS WITH STRUCTURAL PLANS.
 - I. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.
 - J. CONSTRUCT A DUST-PROOF PARTITION TO SEPARATE AREAS OF CONSTRUCTION FROM ADJACENT OCCUPIED AREAS OUTSIDE SCOPE OF CONSTRUCTION. REFER TO DETAIL E44800.

NOTE #	DEMOLITION PLAN NOTE
100	REMOVE EXTERIOR STAIR AND RAILINGS.
101	REMOVE WINDOW AND SILL.
102	REMOVE DOOR, FRAME, SALVAGE DOOR AND RETURN TO OWNER.
103	REMOVE PAVEMENT.
104	REMOVE INTERIOR WALL.
105	REMOVE INTERIOR STAIR.
106	REMOVE PORTION OF EXTERIOR WALL.
107	REMOVE CONCRETE POST.
111	REMOVE UNIT VENT.
114	
115	
116	

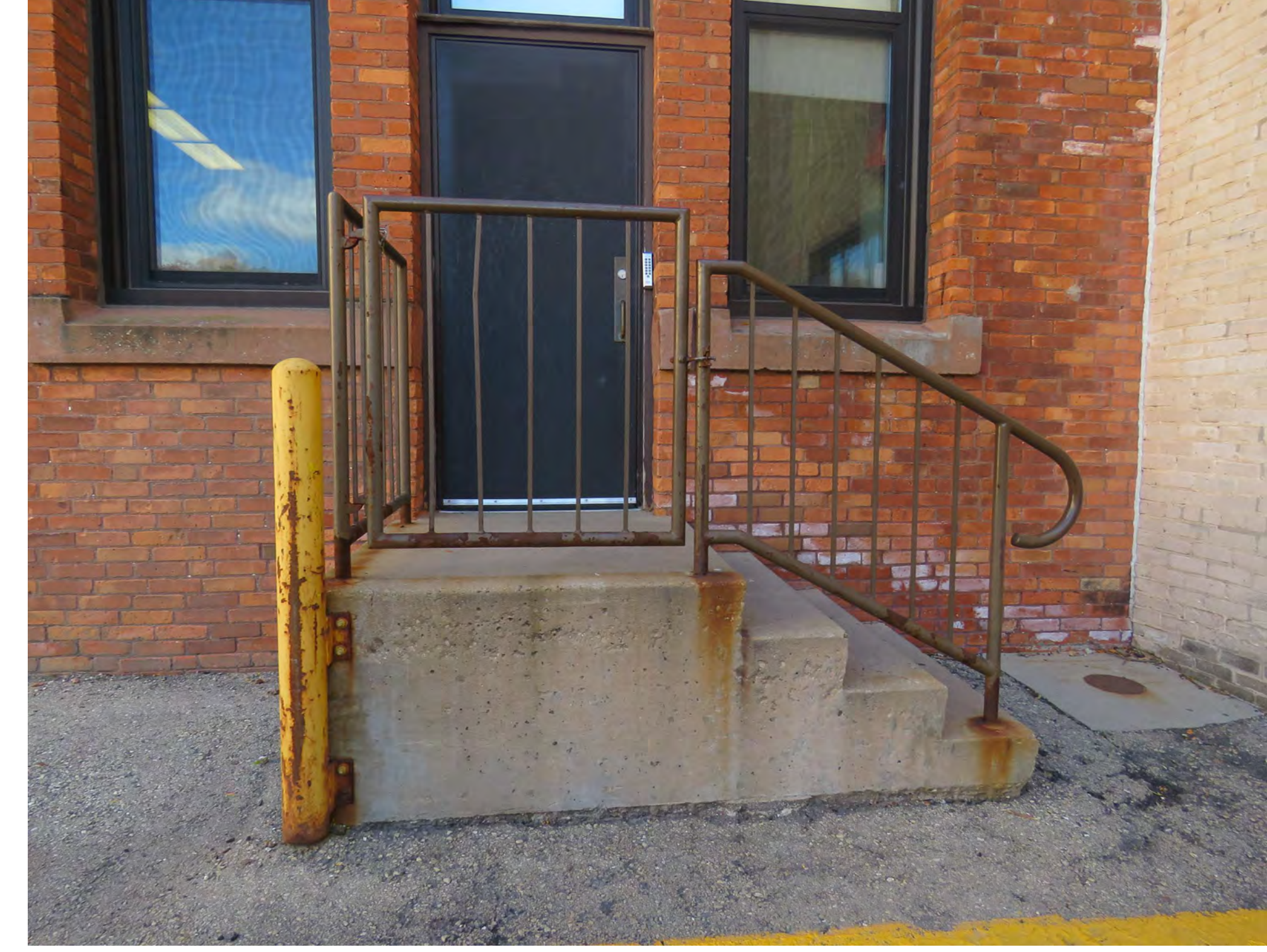
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B1
A110 VIEW TOWARDS EXISTING CAFETERIA EXIT & LOCATION OF NEW ADDITION



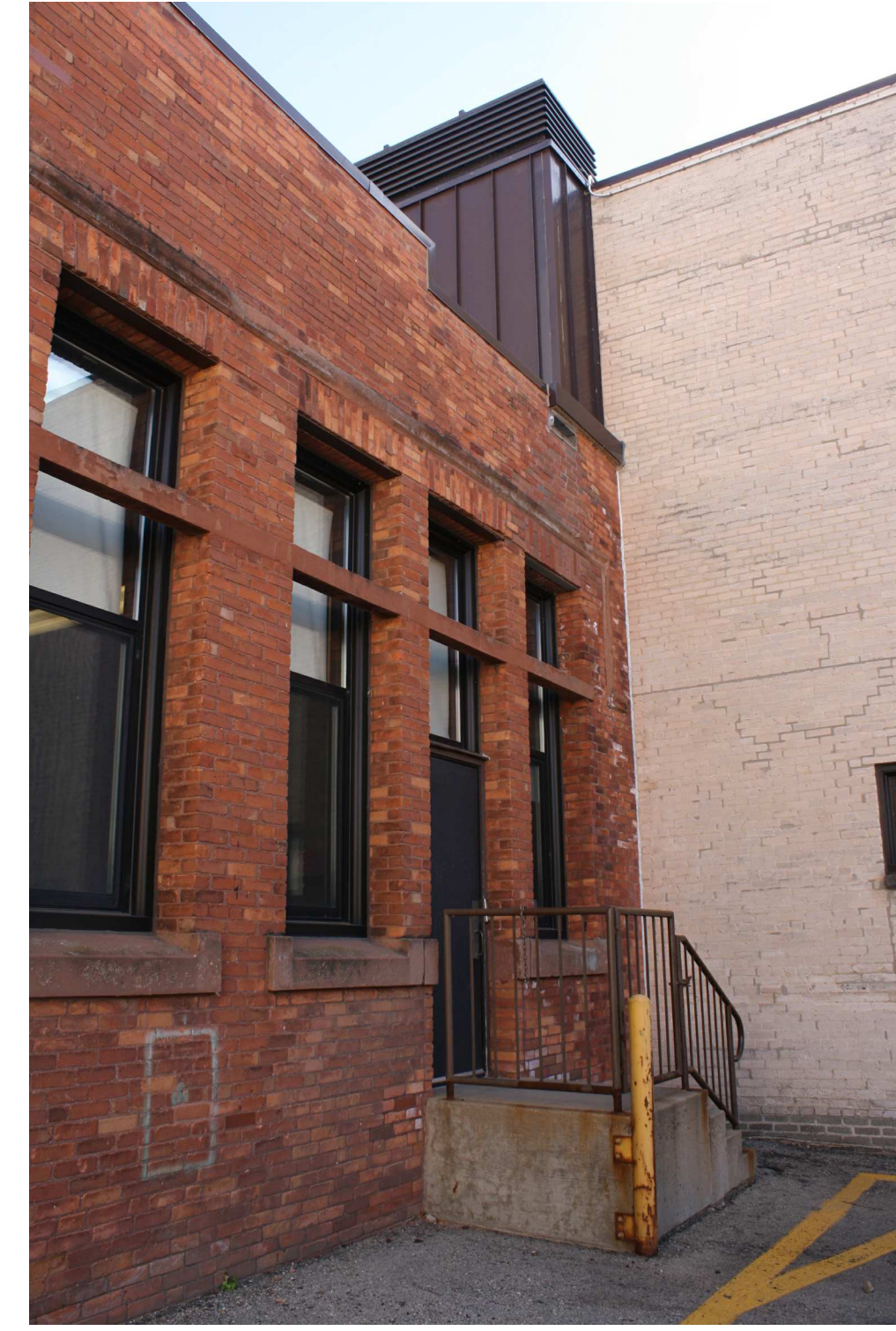
B3
A110 VIEW TOWARDS EXISTING CAFETERIA EXIT & LOCATION OF NEW ADDITION



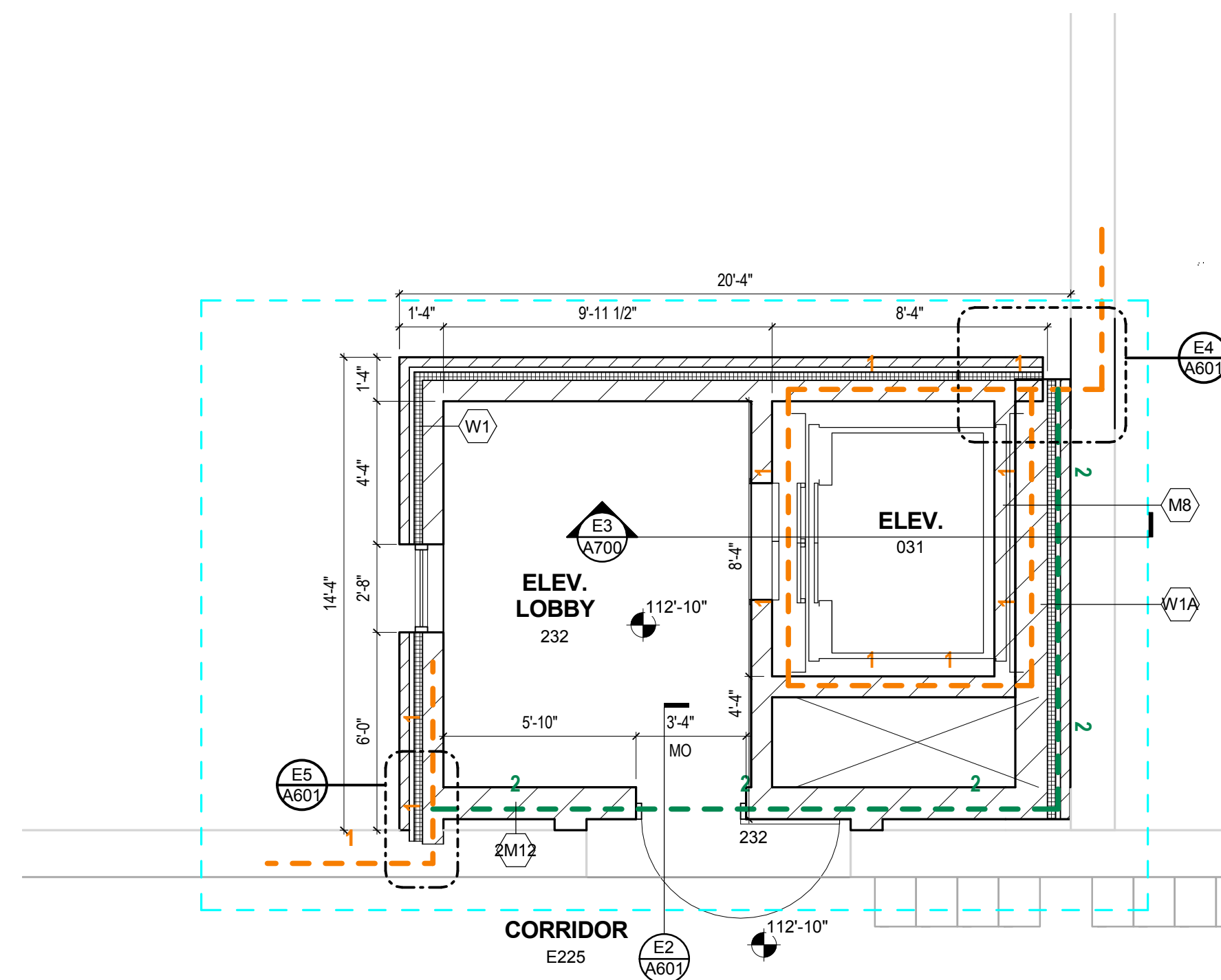
B5
A110 VIEW OF EXISTING CAFETERIA EXIT STAIR



D1
A110 VIEW OF EXISTING MAINTENANCE BUILDING



D3
A110 VIEW TOWARDS EXISTING CAFETERIA EXIT & LOCATION OF NEW ADDITION



FLOOR PLAN - SYMBOLS LEGEND

	NEW WALL/PARTITION		EXISTING WALL TO REMAIN
	NEW DOOR		EXISTING DOOR TO REMAIN
	SECTION REFERENCE		DETAIL REFERENCE
	EXTERIOR ELEVATION		WINDOW TYPE
	INTERIOR ELEVATION		WALL/PARTITION TYPE
	FLOOR PLAN KEYNOTE		FLOOR DRAIN - PITCH FLOOR TO DRAIN
	CONSTRUCTION LIMITS		
	ONE HOUR FIRE RESISTIVE CONSTRUCTION		
	TWO HOUR FIRE RESISTIVE CONSTRUCTION		

FLOOR PLAN - GENERAL NOTES

A. DIMENSIONS ON FLOOR PLAN ARE BASED ON FACE OF FINISHED WALL TO FACE OF FINISHED WALL (NOMINAL).

B. VERIFY ALL DIMENSIONS AND CONDITIONS AT JOB SITE. PORTIONS OF EXISTING CONSTRUCTION MAY HAVE BEEN REMOVED BY OWNER.

C. MAINTAIN CONTINUOUS UTILITY SERVICE TO ALL SPACES IN THE BUILDING NOT AFFECTED BY THIS WORK. COORDINATE WITH OWNER ANY DISRUPTION IN SERVICES REQUIRED TO PERFORM WORK OR TO MODIFY EXISTING PIPING, DUCTWORK OR ANY ASSOCIATED EQUIPMENT.

D. REFER TO SHEET A890 FOR ROOM FINISH SCHEDULE AND NOTES.

E. REFER TO SHEET A890 FOR DOOR SCHEDULES, DOOR TYPES, AND NOTES.

NOTE #	FLOOR PLAN NOTE
--------	-----------------

KEYNOTE LEGEND - EXTERIOR WALL TYPES

TAG	EXTERIOR WALL DESCRIPTION
W1	EXTERIOR WALL - MASONRY CAVITY WALL CONSISTING OF 4" FACE BRICK, 1-3/4" AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CONCRETE MASONRY UNIT BACK-UP WALL WITH ADJUSTABLE (TWO-PIECE) HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPS/VENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPS/VENTS AT TOP/BOTTOM OF CAVITY.
W1A	EXTERIOR WALL - MASONRY CAVITY WALL CONSISTING OF 4" FACE BRICK, 1-3/4" AIR SPACE, 3" RIGID INSULATION, SPRAY APPLIED AIR AND VAPOR BARRIER SYSTEM ON 8" CAST IN PLACE CONCRETE BACK-UP WALL WITH ADJUSTABLE (TWO-PIECE) HORIZONTAL MASONRY JOINT REINFORCING @ 16" OC (REFER TO STRUCTURAL DRAWINGS FOR REQUIRED VERTICAL REINFORCING). PROVIDE CAVITY DRAINAGE MATERIAL, FLASHING, CAVITY WEEPS/VENTS @ 24" OC AND MASONRY EXPANSION AND CONTROL JOINTS. COMPARTMENTALIZE THE CAVITY AND PROVIDE CAVITY WEEPS/VENTS AT TOP/BOTTOM OF CAVITY.
WB3	EXTERIOR WALL (BELOW GRADE): REINFORCED CAST-IN-PLACE CONCRETE FOUNDATION WALL. PROVIDE 2" RIGID FOUNDATION INSULATION, EXTEND 48" VERTICALLY ON WALL AND 24" HORIZONTALLY BELOW FLOOR SLAB.
WB4	EXTERIOR WALL (BELOW GRADE): 12" REINFORCED CAST-IN-PLACE CONCRETE FOUNDATION WALL WITH SHEET MEMBRANE WATERPROOFING. TERMINATE ALL MEMBRANE PERIMETER EDGES WITH 1/8" x 1" ALUMINUM COMPRESSION BAR WITH CONTINUOUS SEALANT. SHEET MEMBRANE MUST INTERFACE WITH VERTICAL WALL AIR & VAPOR BARRIER LINE. PROVIDE 2" RIGID FOUNDATION INSULATION, EXTEND FULL HEIGHT VERTICALLY.

KEYNOTE LEGEND - INTERIOR PARTITION TYPES

TAG	INTERIOR PARTITION DESCRIPTION
ZM12	INTERIOR MASONRY PARTITION: 12" CONCRETE BLOCK, PROVIDE 2 HR RATED UL #1465 DESIGN WHERE 2 HR CONSTRUCTION IS INDICATED ON PLANS.
M8	INTERIOR MASONRY PARTITION: 8" CONCRETE BLOCK
P6	INTERIOR PARTITION: 6" STEEL STUDS @ 16" OC WITH ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE. PROVIDE 1 HR RATED UL #1465 DESIGN WHERE 1 HR CONSTRUCTION IS INDICATED ON PLANS.

MASONRY PARTITIONS - GENERAL NOTES

MASONRY PARTITIONS INDICATED WITH THE FOLLOWING HATCH PATTERN:

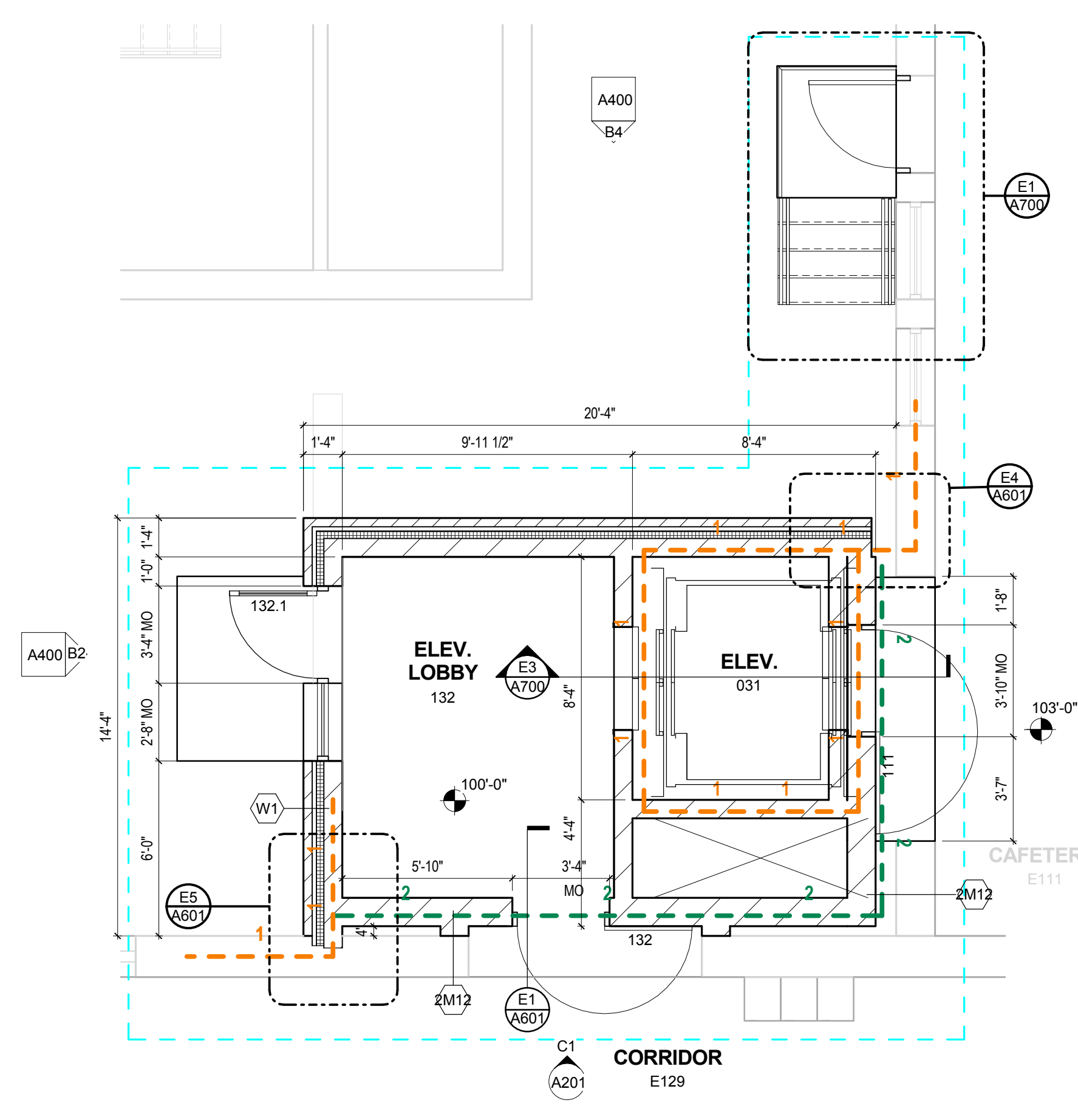
ALL MASONRY PARTITIONS SHALL BE 8" CONCRETE BLOCK UNLESS OTHERWISE NOTED OR DIMENSIONED. REFER TO FLOOR PLAN FOR PARTITION THICKNESS.

PROVIDE UL RATED CONCRETE BLOCK AT ALL FIRE RATED PARTITIONS.

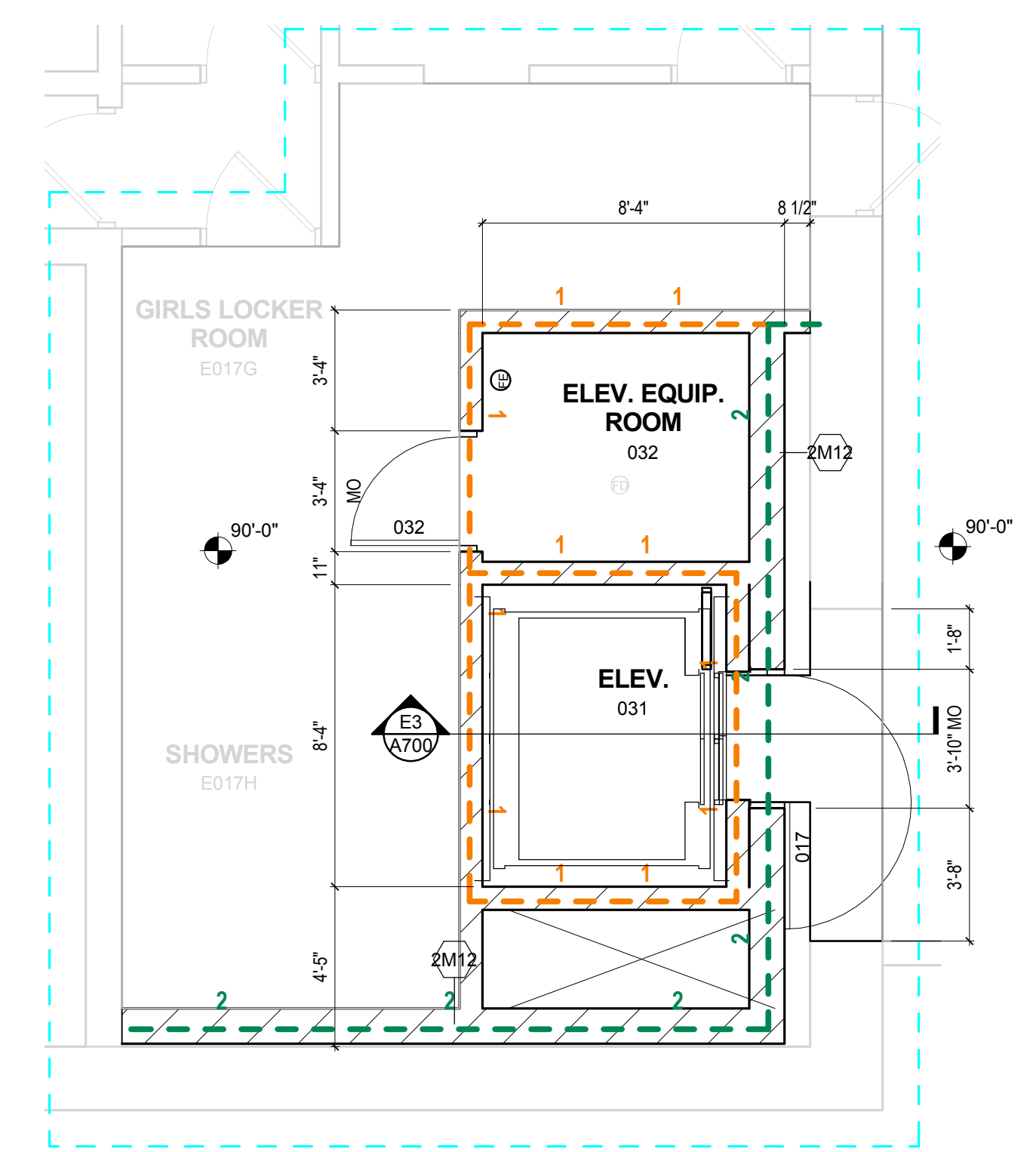
SEAL ALL WALL PENETRATIONS AT PERIMETER AND FIRESTOP ALL RATED PARTITIONS.

EXTEND CONCRETE BLOCK PARTITIONS FULL HEIGHT TO UNDERSIDE OF STEEL DECK ABOVE (OR PRECAST PLANK ABOVE IF APPLICABLE). REFER TO DETAIL A6410. PROVIDE HORIZONTAL MASONRY JOINT REINFORCEMENT AT 16" OC VERTICALLY. REFER TO STRUCTURAL DRAWINGS FOR VERTICAL REINFORCEMENT REQUIREMENTS.

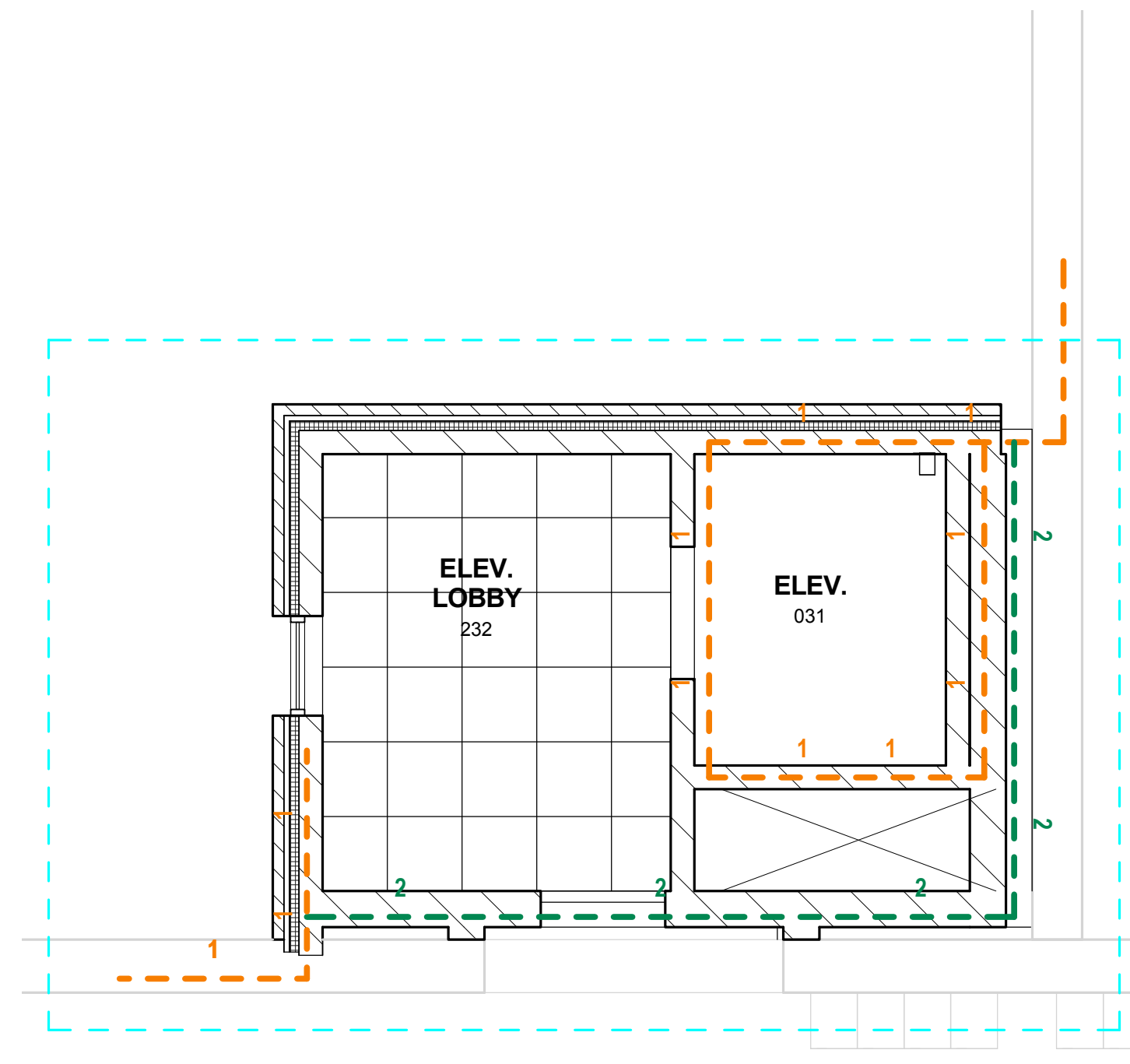
B2 SECOND FLOOR ENLARGED PLAN
A200
1/4" = 1'-0"



C2 FIRST FLOOR ENLARGED PLAN
A200
1/4" = 1'-0"



E2 BASEMENT ENLARGED PLAN
A200
1/4" = 1'-0"



REFLECTED CEILING PLAN - SYMBOLS LEGEND

	2' x 4' SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE		EXIT LIGHT
	2' x 2' SUSPENDED EXPOSED GRID ACOUSTIC CEILING TILE		AUDIO SPEAKER
	RETURN, TRANSFER, EXHAUST GRILLE		SMOKE DETECTOR
	SUPPLY GRILLE		HEAT DETECTOR
	SLOT DIFFUSER		GYPSUM BOARD CEILING OR BULKHEAD
	1 x 4 FLUORESCENT LIGHT		CEILING RECESSED TV BRACKET
	2 x 2 FLUORESCENT LIGHT		CEILING HEIGHT
	2 x 4 FLUORESCENT LIGHT		REFLECTED CEILING PLAN NOTE
	FLUORESCENT SURFACE-MOUNT LIGHT		CONSTRUCTION LIMITS
	SURFACE-MOUNTED LIGHT		ONE HOUR FIRE RESISTIVE CONSTRUCTION
	RECESSED DOWN LIGHT		TWO HOUR FIRE RESISTIVE CONSTRUCTION

REFLECTED CEILING PLAN - GENERAL NOTES

A. PERIMETER CEILING TILES SHALL NOT BE LESS THAN 4".

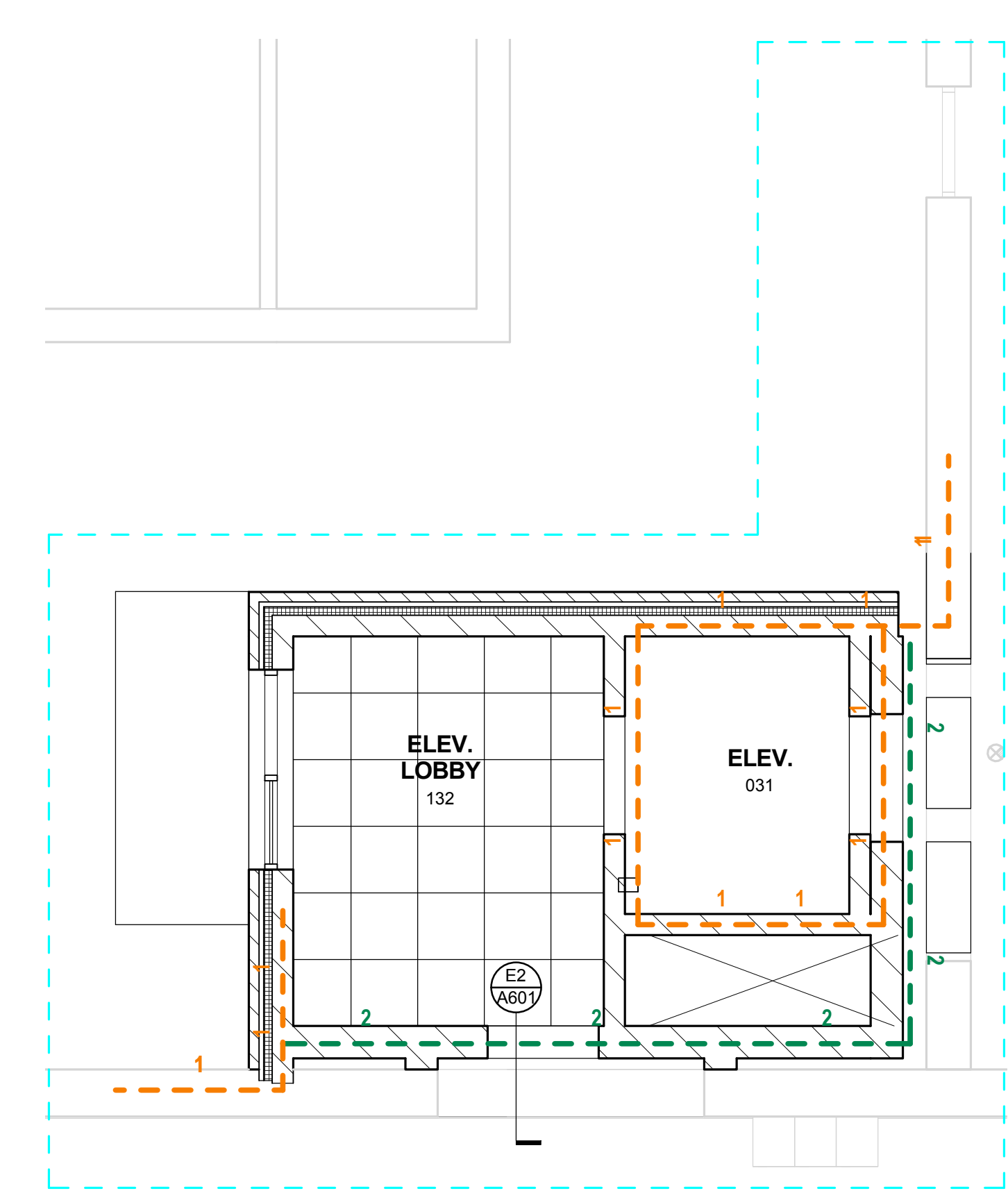
B. LOCATE ALL SPRINKLER HEADS, SMOKE DETECTORS, AUDIO SPEAKERS, HEAT SENSORS IN THE CENTER OF CEILING TILE (OR IN THE CENTER OF THE RAISED/RECESSED FIELD OF A PATTERNED TILE).

C. REMOVE EXISTING CEILING SYSTEM WHERE NEW WALLS PENETRATE EXISTING CEILING SYSTEMS TO REMAIN. PATCH TO MATCH EXISTING CEILING SYSTEM TO NEW WALL.

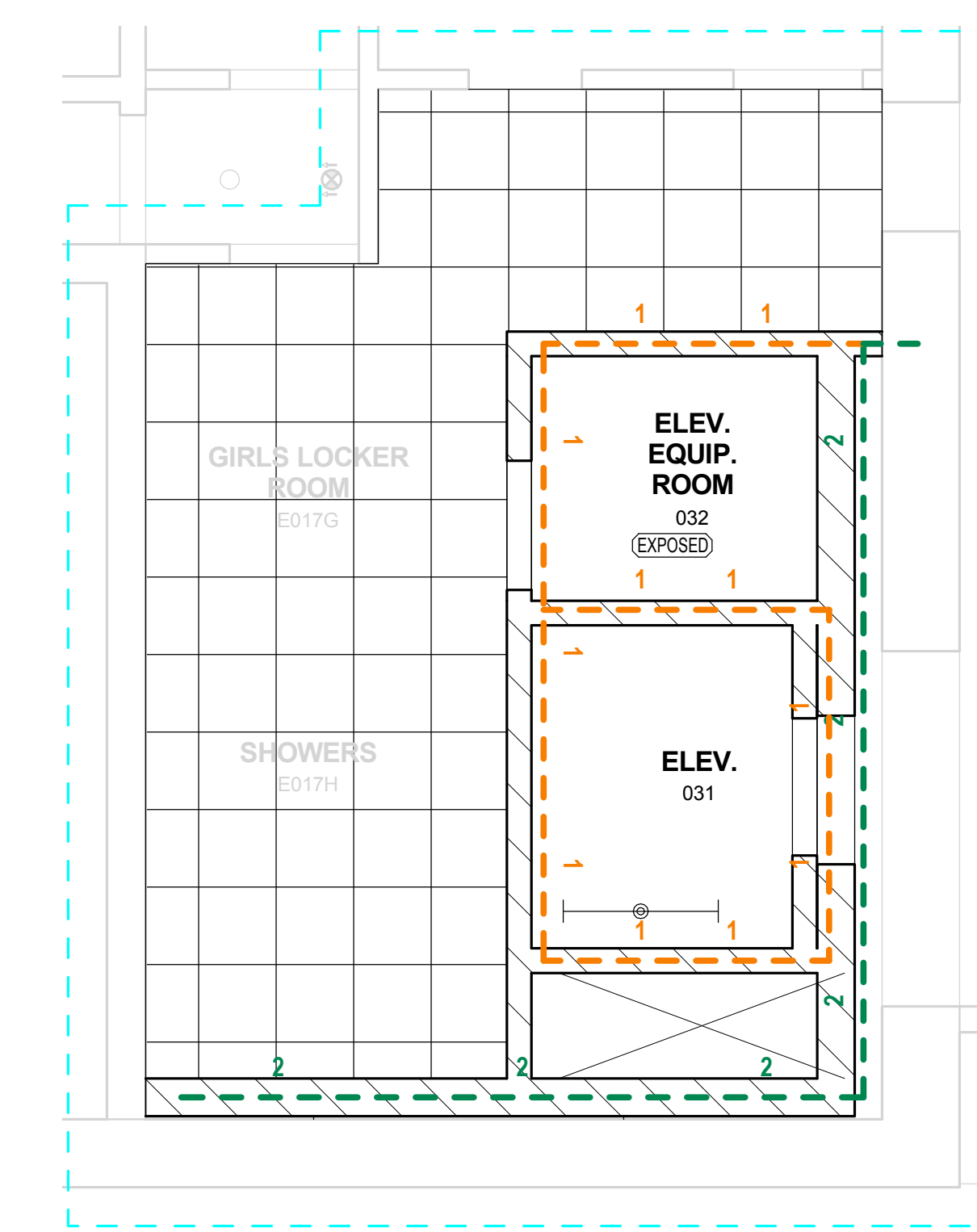
D. CEILING HEIGHTS SHALL BE (9'-0") UNLESS NOTED OTHERWISE ON THE REFLECTED CEILING PLANS.

NOTE #	REFLECTED CEILING PLAN NOTE
--------	-----------------------------

B5 SECOND FLOOR REFLECTED CEILING PLAN
A200
1/4" = 1'-0"



C5 FIRST FLOOR REFLECTED CEILING PLAN
A200
1/4" = 1'-0"

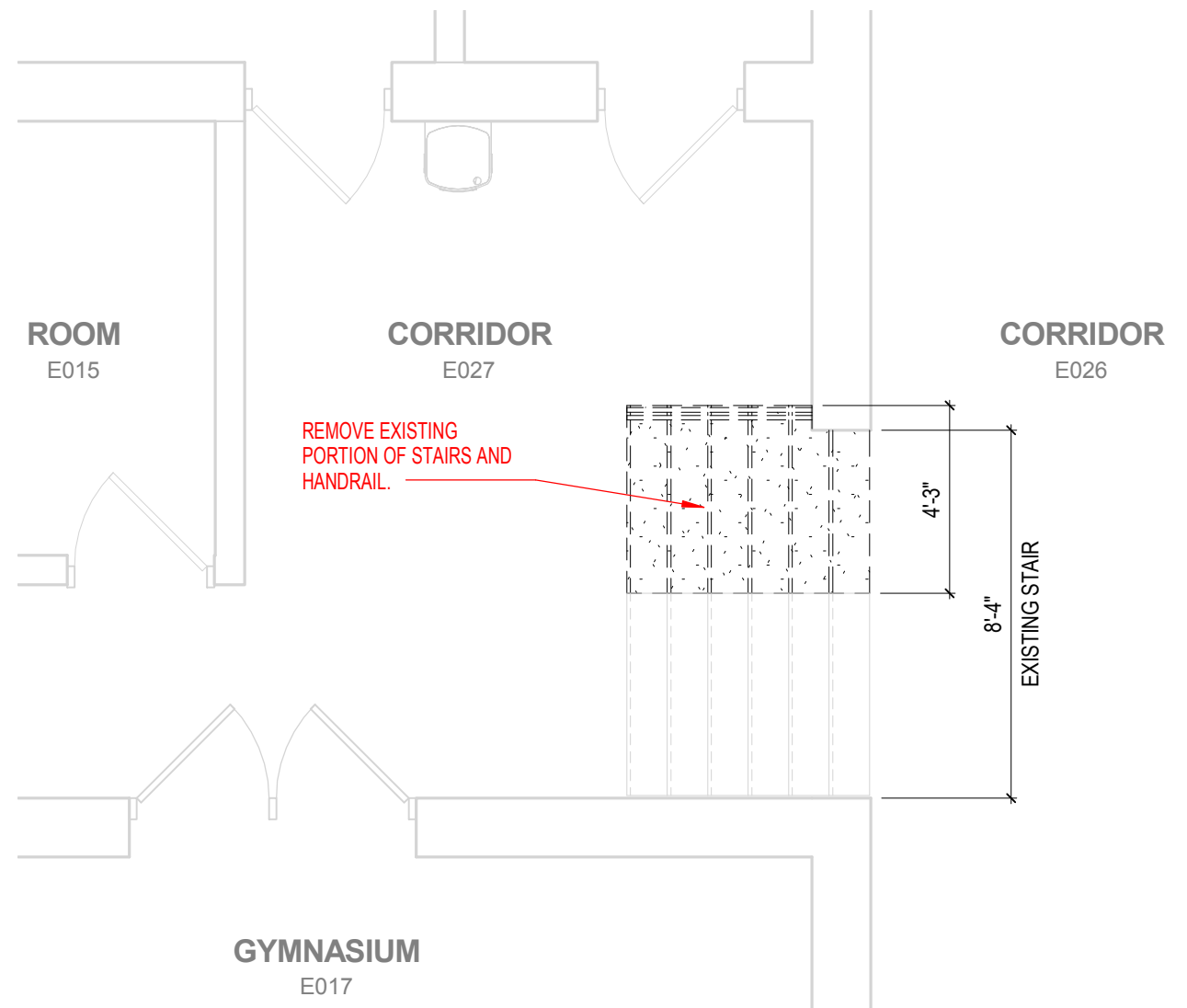


E5 BASEMENT REFLECTED CEILING PLAN
A200
1/4" = 1'-0"

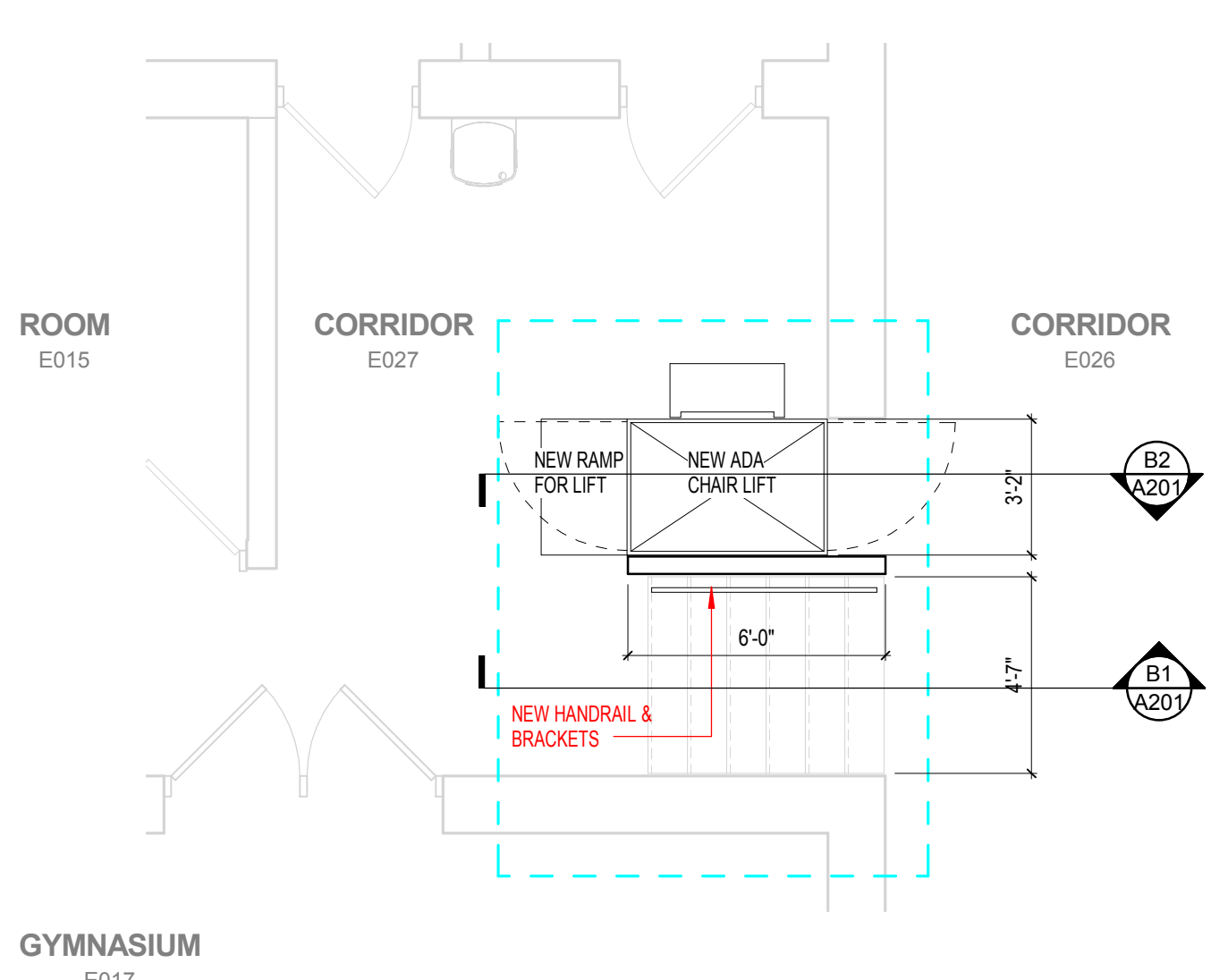
NOTE #	DEMOLITION PLAN NOTE
100	REMOVE EXTERIOR STAIR AND RAILINGS.
101	REMOVE WINDOW AND SILL.
102	REMOVE DOOR, FRAME, SALVAGE DOOR AND RETURN TO OWNER.
103	REMOVE PAVEMENT.
104	REMOVE INTERIOR WALL.
105	REMOVE INTERIOR STAIR.
106	REMOVE PORTION OF EXTERIOR WALL.
107	REMOVE CONCRETE POST.
111	REMOVE UNIT VENT.
114	
115	
116	

KEYNOTE LEGEND - INTERIOR PARTITION TYPES	
TAG	INTERIOR PARTITION DESCRIPTION
ZM12	INTERIOR MASONRY PARTITION: 12" CONCRETE BLOCK. PROVIDE 2 HR RATED UL #465 DESIGN WHERE 2 HR CONSTRUCTION IS INDICATED ON PLANS.
M8	INTERIOR MASONRY PARTITION: 8" CONCRETE BLOCK.
P6	INTERIOR PARTITION: 6" STEEL STUDS @ 16" OC WITH ONE LAYER 5/8" GYPSUM BOARD @ EACH FACE. PROVIDE 1 HR RATED UL #465 DESIGN WHERE 1 HR CONSTRUCTION IS INDICATED ON PLANS.

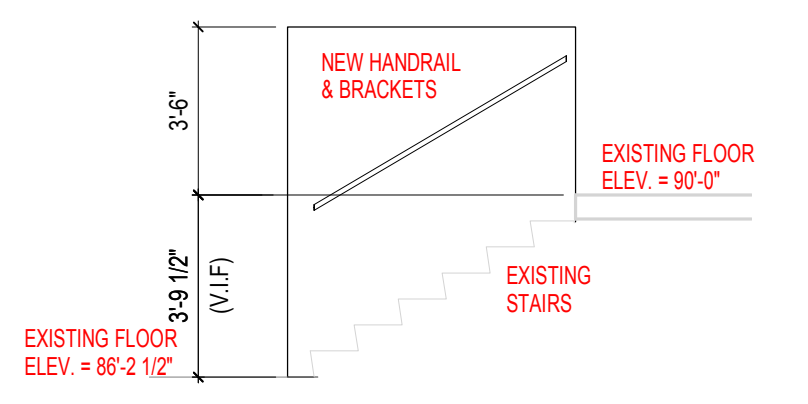
KEYNOTE LEGEND - CONSTRUCTION TYPES	
TAG	CONSTRUCTION DESCRIPTION
C1	LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
E3	ALUMINUM ENTRANCE SYSTEM WITH 1/4" TEMPERED INSULATING GLASS.
E7	INSULATED STEEL DOOR WITH INSULATING GLASS.
G2	METAL COPING SYSTEM: METAL COPING ON TREATED 2x WOOD BLOCKING.
G4	METAL SCUPPER: (EDIT FOR SIZE AND STYLE).
G8	METAL COUNTERFLASHING: TWO PIECE "SNAP-IN" METAL COUNTERFLASHING WITH SURFACE MOUNTED RECEIVER WITH MECHANICAL FASTENERS @ 12" OC WITH NEOPRENE WASHERS @ EXPOSED FASTENER HEADS.
G10	METAL COUNTERFLASHING: TWO PIECE "SNAP-IN" METAL COUNTERFLASHING WITH RECEIVER BUILT INTO MASONRY MORTAR JOINT.
R1	SINGLE PLY ROOFING SYSTEM: LOOSELY LAID AND BALLASTED EPDM MEMBRANE WITH BALLAST PROTECTIVE MAT ON X" OF RIGID INSULATION (ON VAPOR RETARDER) ON 3/8" EXTERIOR SHEATHING ON METAL DECK.
R2	SINGLE PLY ROOFING SYSTEM: FULLY ADHERED EPDM MEMBRANE ON X" OF RIGID INSULATION (ON VAPOR RETARDER) ON 3/8" EXTERIOR SHEATHING ON METAL DECK.
S1	REINFORCED CONCRETE SLAB ON VAPOR BARRIER ON DRAINAGE FILL.



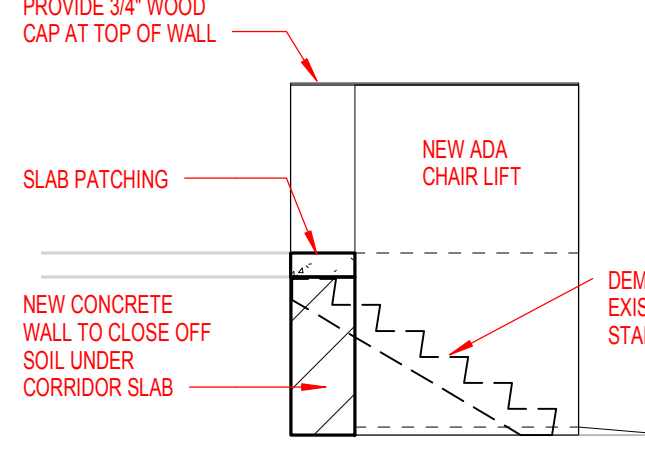
A1
A201 BASEMENT ENLARGED DEMOLITION LIFT PLAN
1/4" = 1'-0"



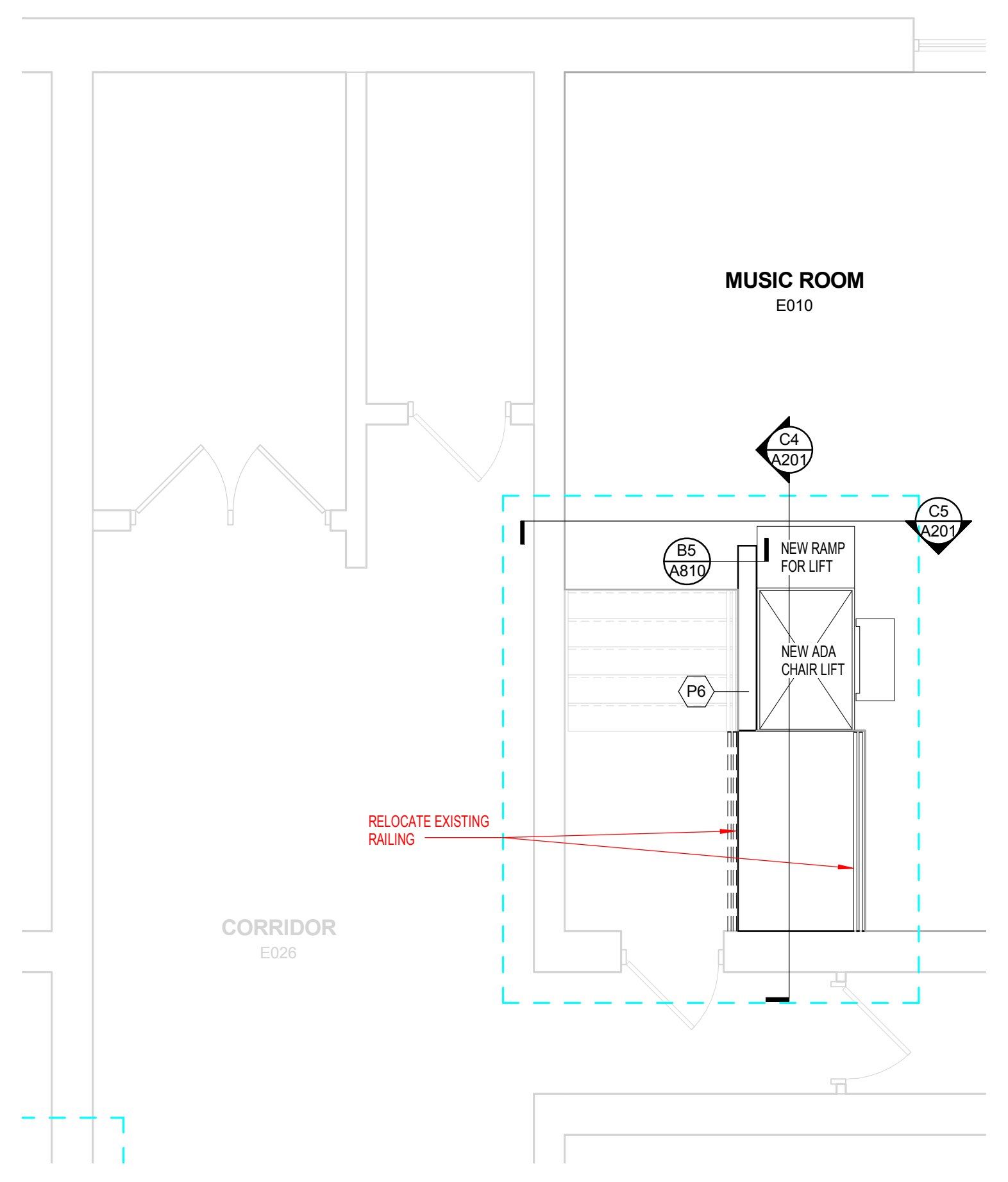
A2
A201 BASEMENT ENLARGED LIFT PLAN
1/4" = 1'-0"



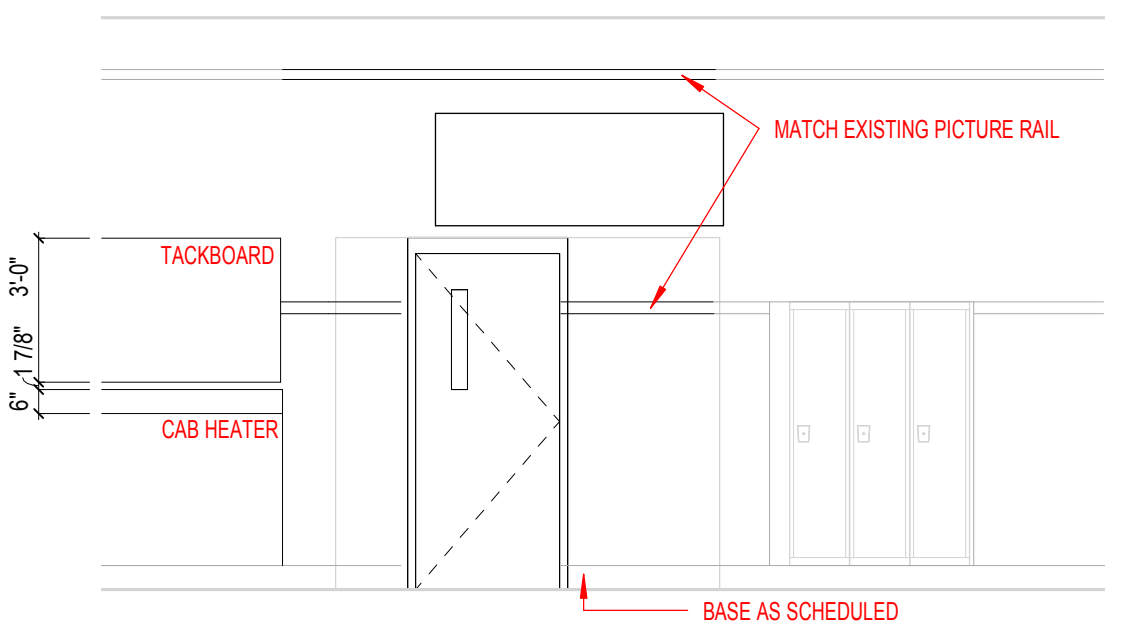
B1
A201 SECTION THRU EXISTING STAIRS
1/4" = 1'-0"



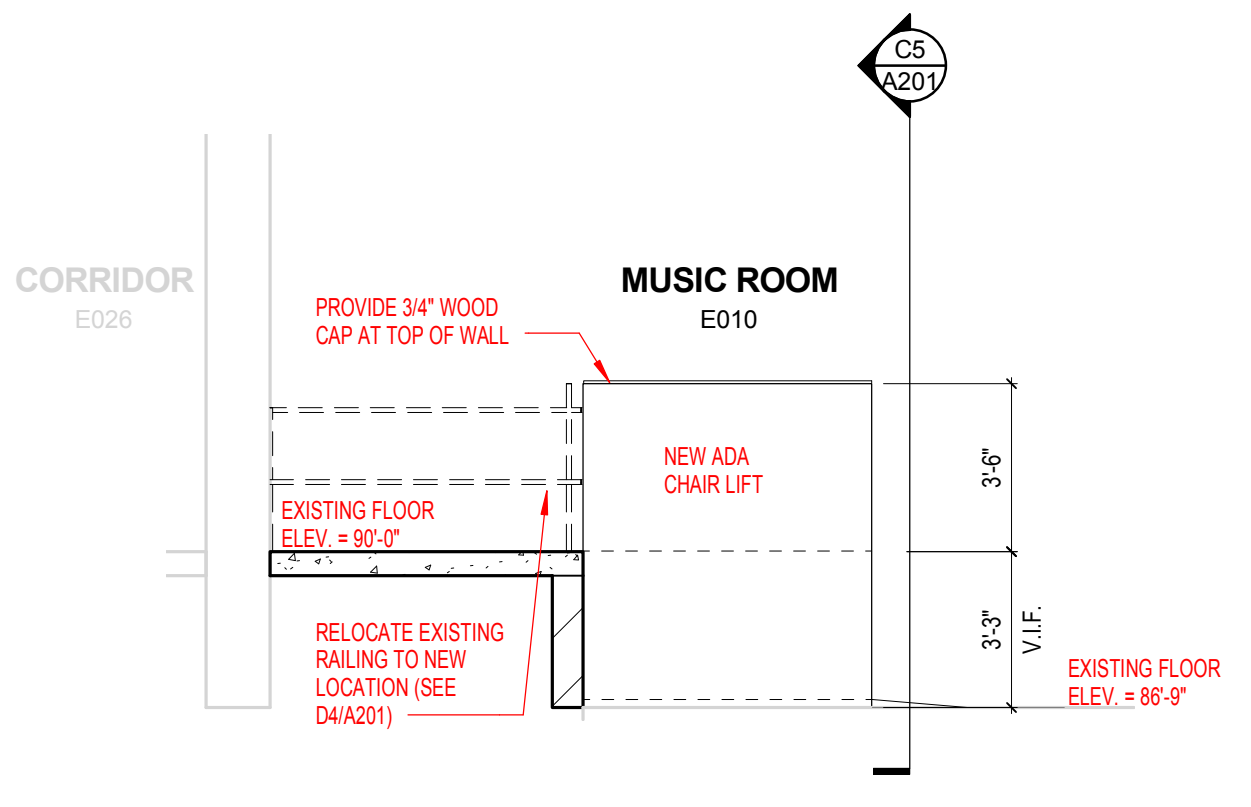
B2
A201 SECTION THRU NEW LIFT
1/4" = 1'-0"



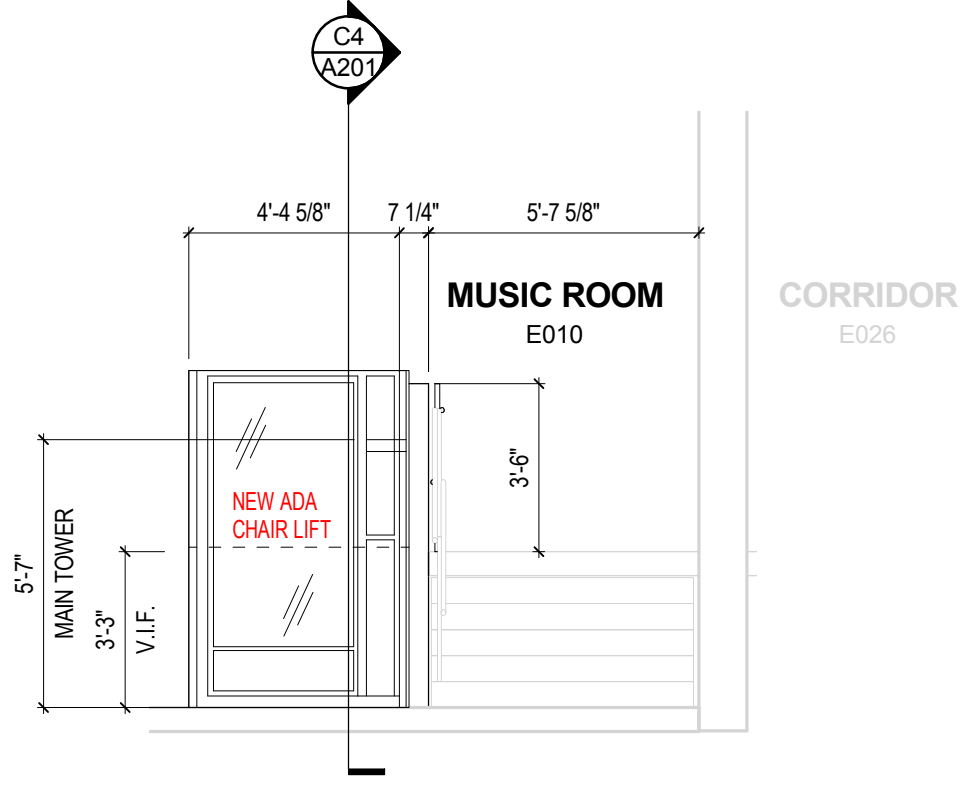
A4
A201 BASEMENT ENLARGED LIFT PLAN
1/4" = 1'-0"



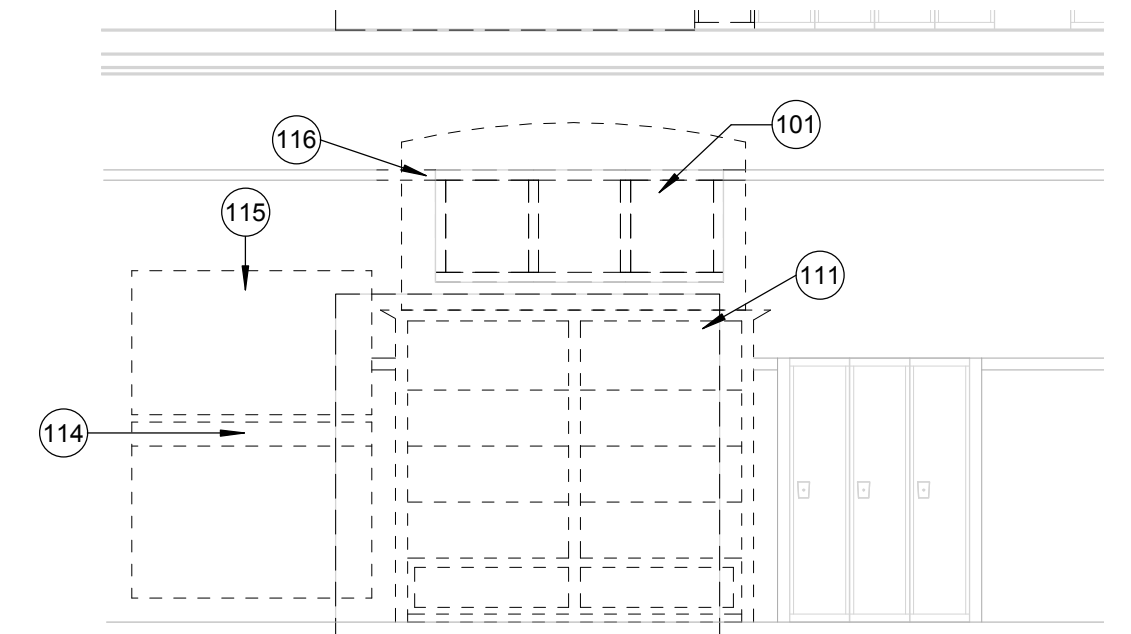
C1
A201 NEW INTERIOR ELEVATION
1/4" = 1'-0"



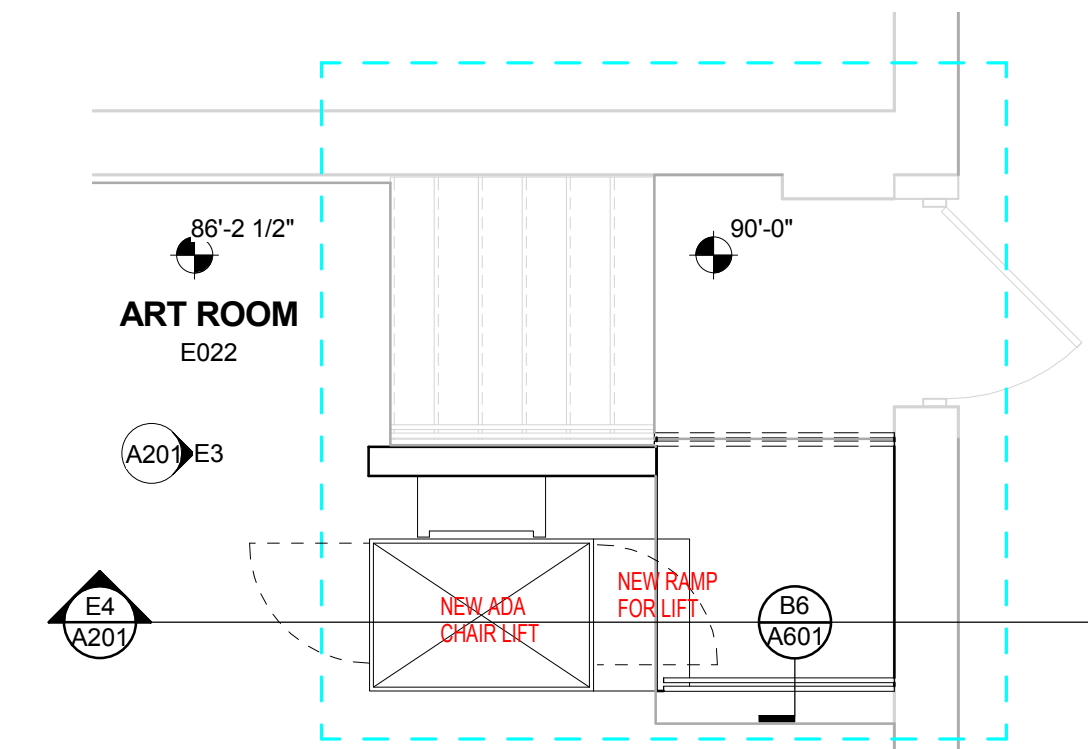
C4
A201 SECTION THRU NEW LIFT
1/4" = 1'-0"



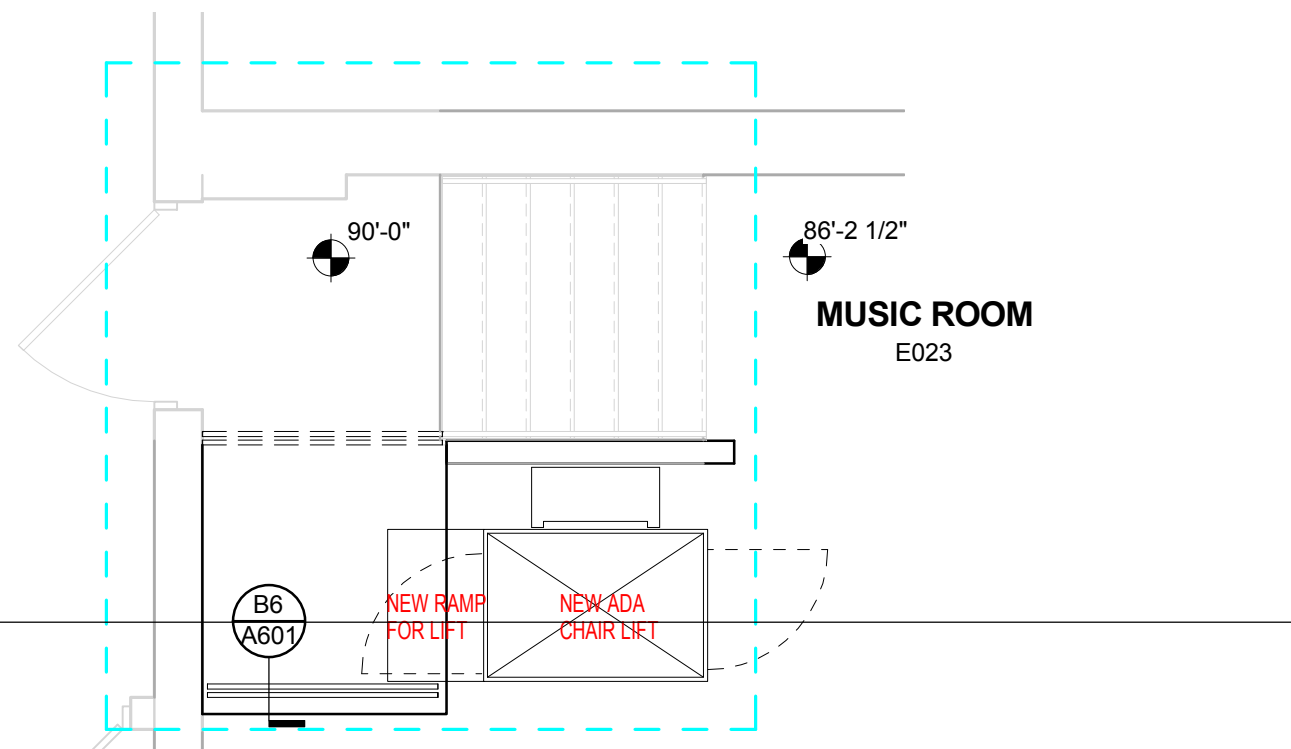
C5
A201 LIFT/STAIR ELEVATION
1/4" = 1'-0"



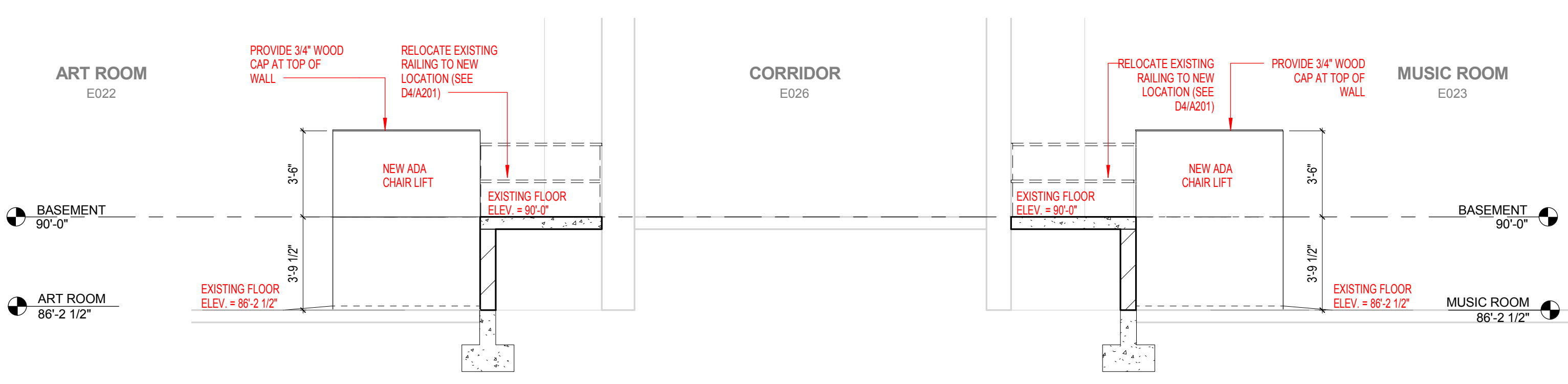
D1
A201 EXISTING AND DEMOLITION INTERIOR ELEVATION
1/4" = 1'-0"



D4
A201 BASEMENT ENLARGED LIFT PLAN
1/4" = 1'-0"



E3
A201 LIFT/STAIR ELEVATION
1/4" = 1'-0"



E4
A201 SECTION THRU NEW LIFTS
1/4" = 1'-0"

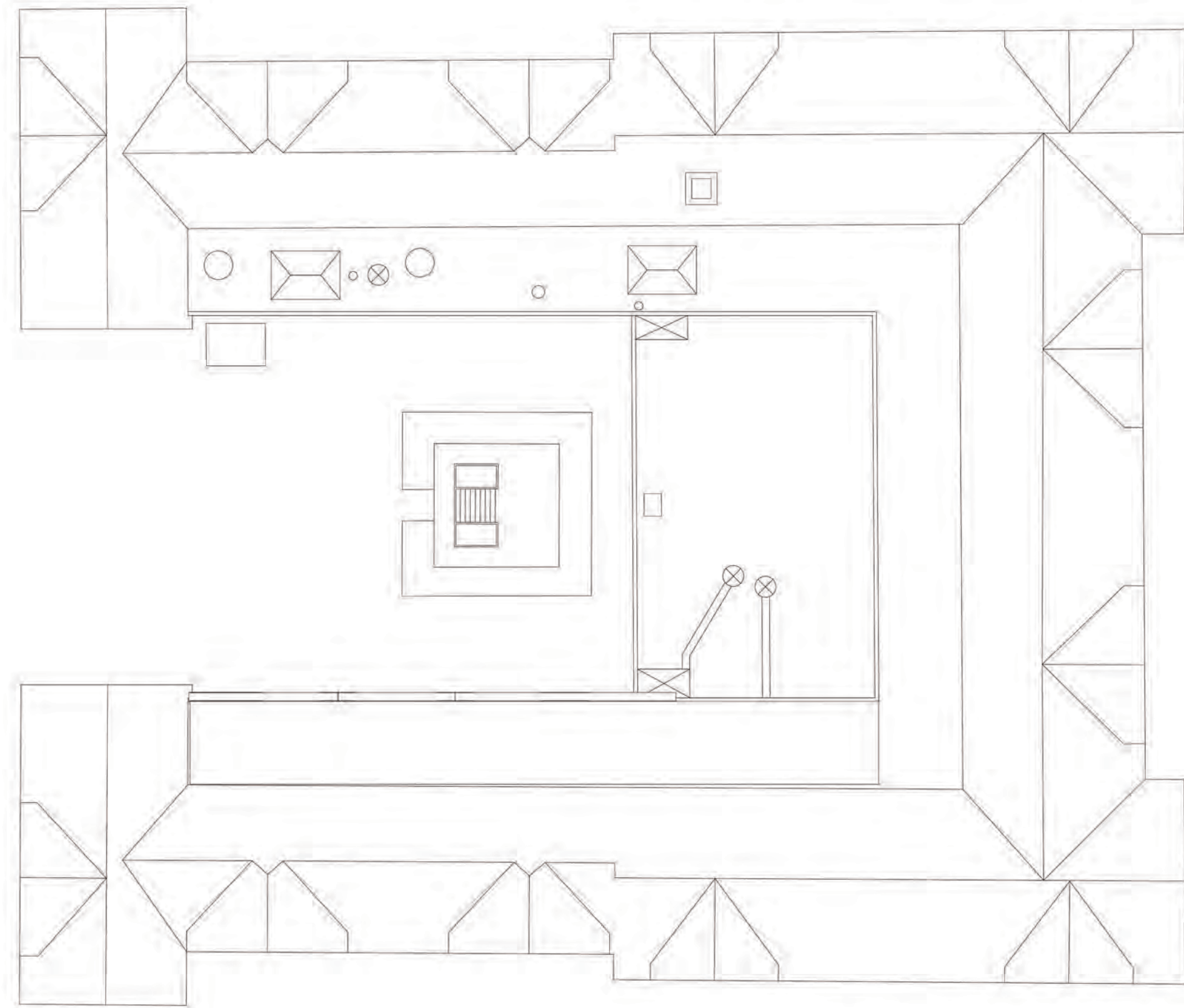
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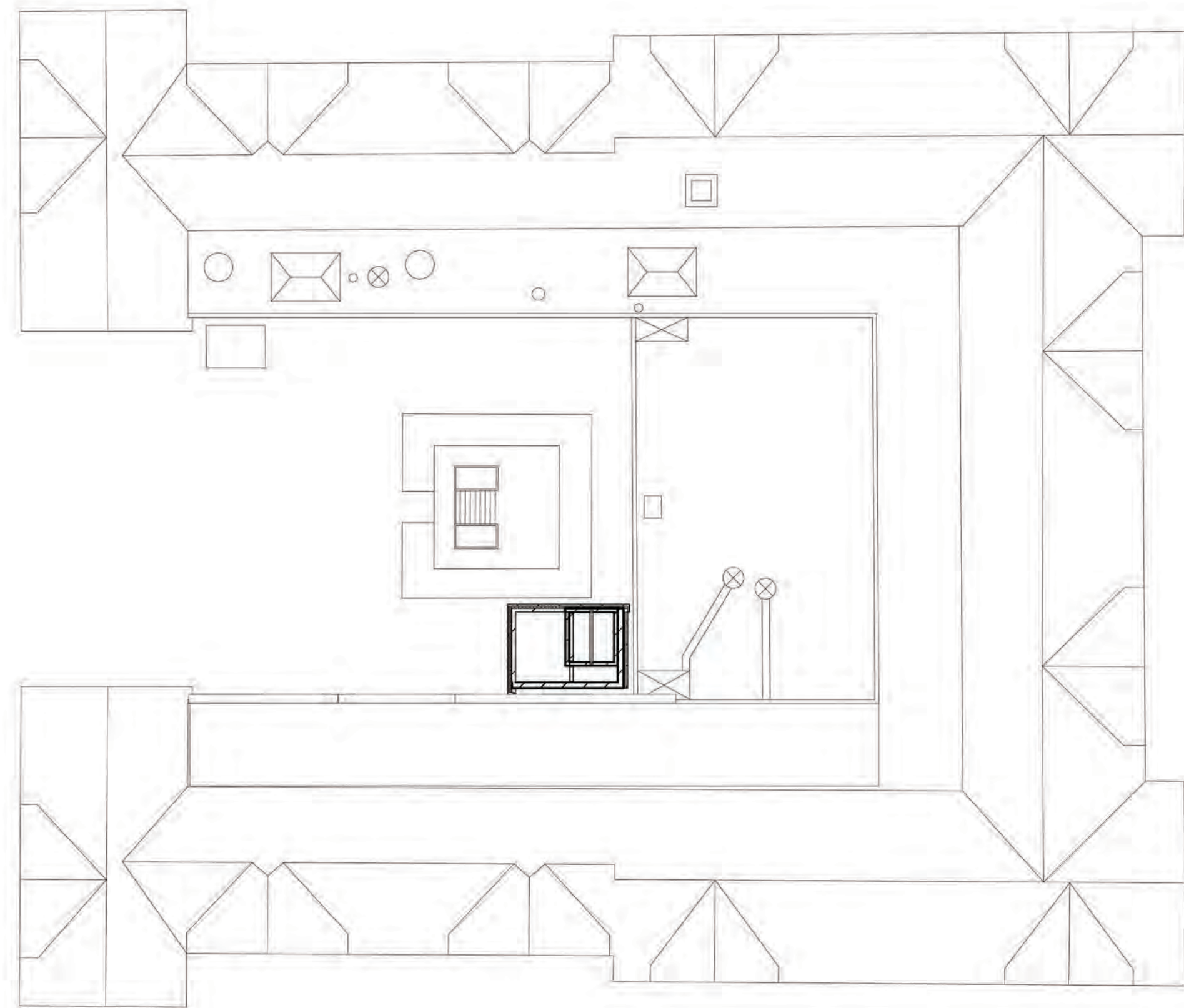
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Randall Elementary School - 5th Addition - 2016
1802 Regent St.
Madison, WI 53726

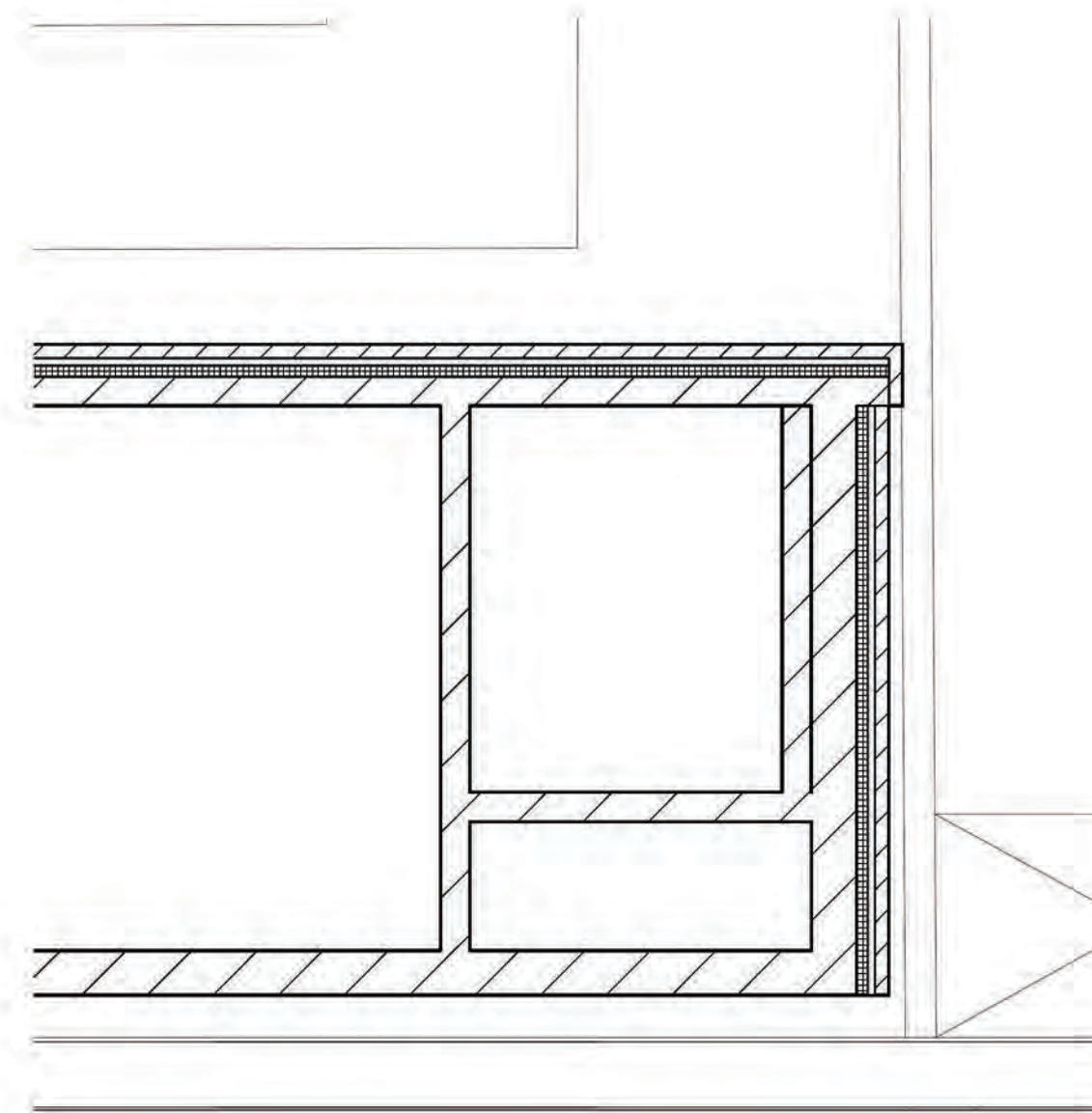
Revisions	
Drawn By:	ALS
Date:	08 MAR 16
Job No.:	140248-14
Sheet No.:	A201



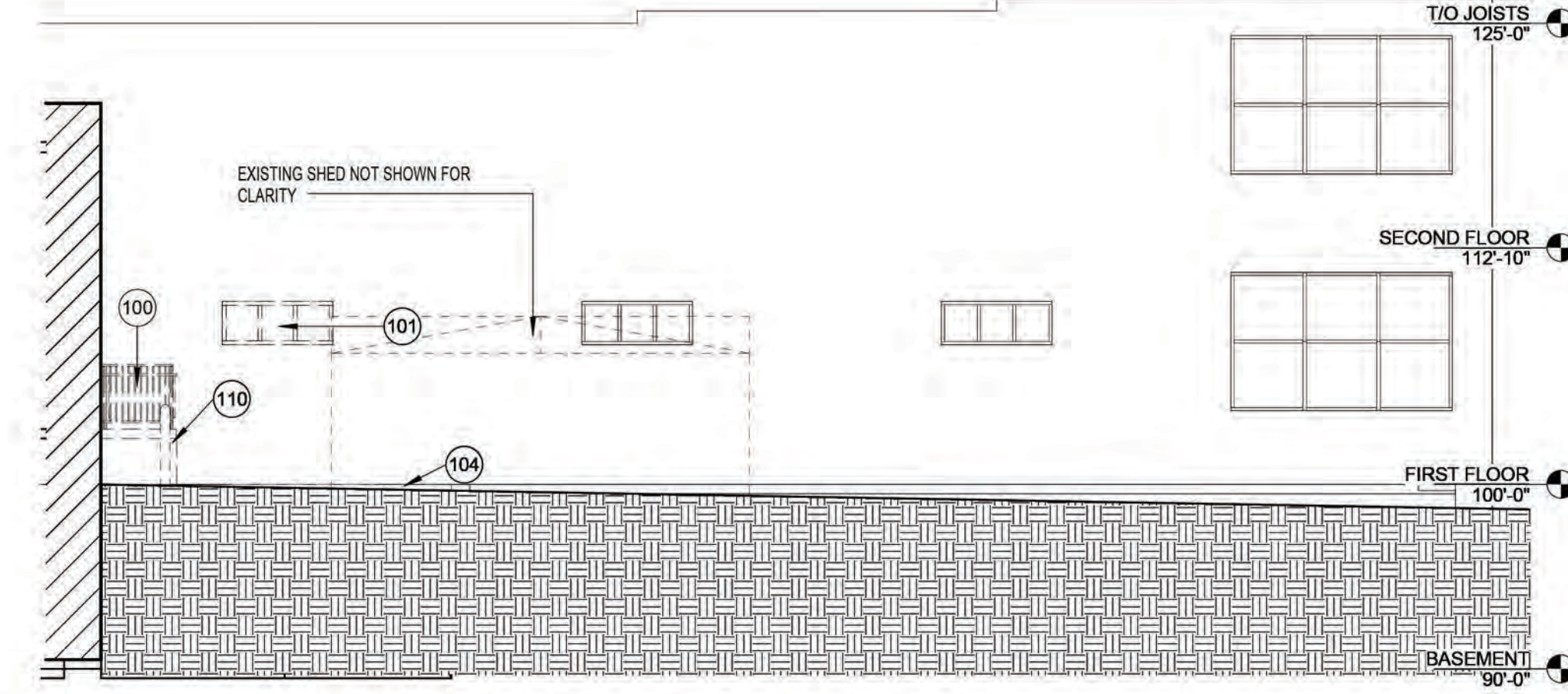
C1 ROOF DEMOLITION PLAN
A202 1" = 20'-0"



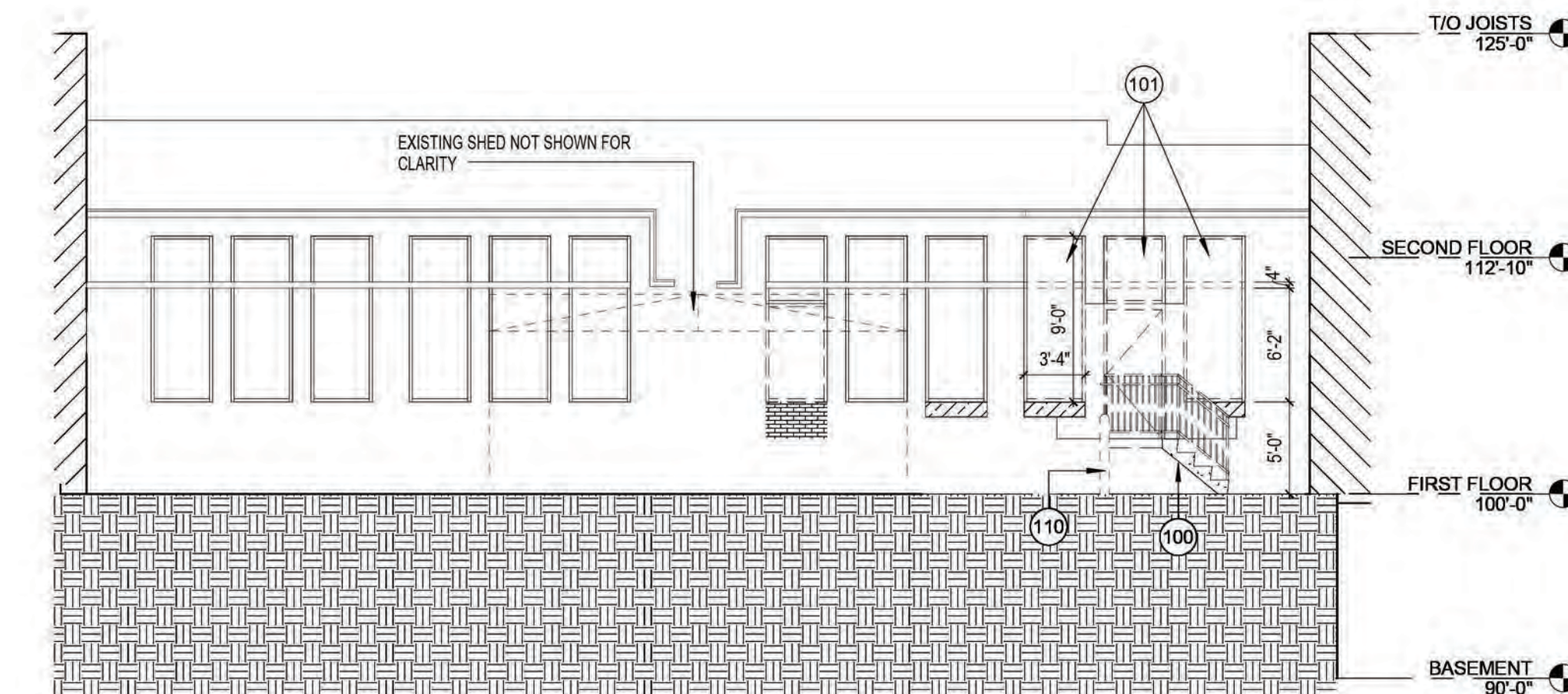
E1 ROOF PLAN
A202 1" = 20'-0"



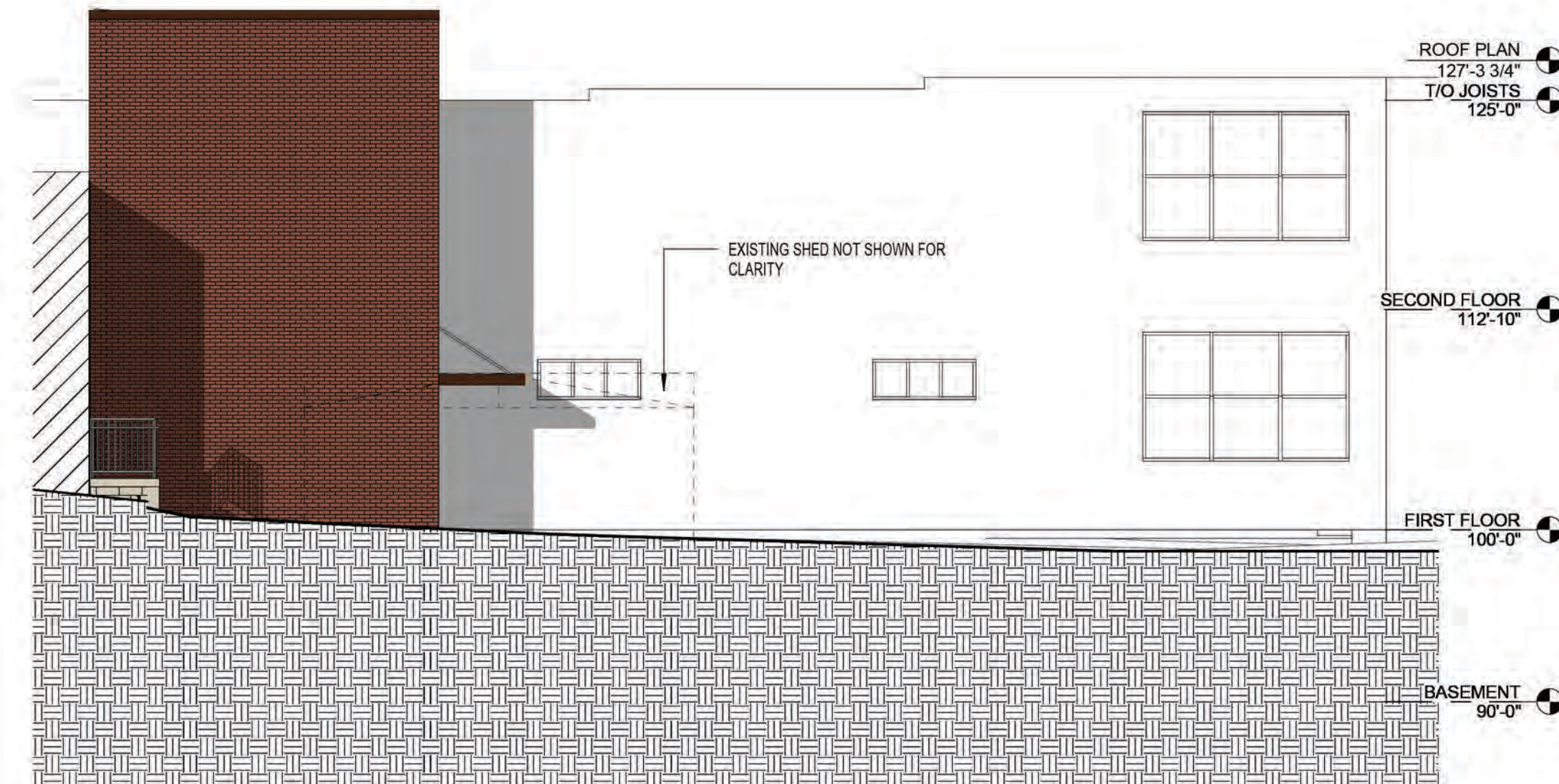
E3 ROOF PLAN
A202 1/4" = 1'-0"



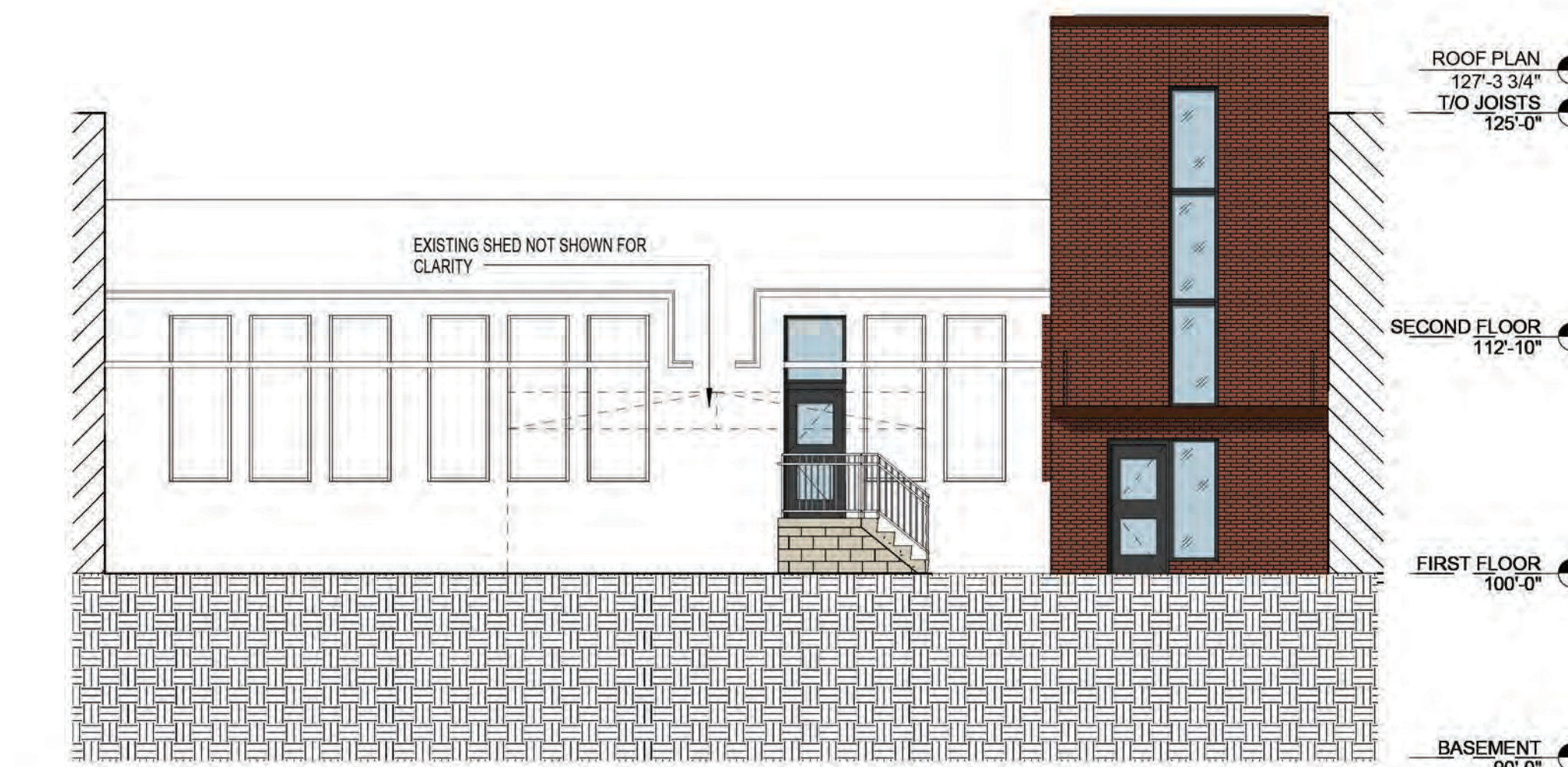
B4 NORTH ELEVATION - EXISTING AND DEMOLITION
A202 1/8" = 1'-0"



C4 WEST ELEVATION - EXISTING AND DEMOLITION
A202 1/8" = 1'-0"



D4 NORTH ELEVATION - ADDITION
A202 1/8" = 1'-0"



E4 WEST ELEVATION - ADDITION
A202 1/8" = 1'-0"

ROOF PLAN - SYMBOLS LEGEND

- DIRECTION OF STRUCTURAL SLOPE TO DRAIN
- SLOPE DIRECTION OF INSULATION TAPER SLOPE TO DRAIN. MINIMUM ALLOWABLE TAPER SLOPE SHALL BE 1/4" PER FOOT UNLESS NOTED OTHERWISE
- TAPERED INSULATION VALLEY OR RIDGE
- RD ROOF DRAIN
- +X" TAPERED INSULATION THICKNESS
- LOCATION OF CONCRETE PAVER WALKWAY
- ① ROOF PLAN NOTE
- - - CONSTRUCTION LIMITS

- ROOF PLAN - GENERAL NOTES**
- COORDINATE AND VERIFY ALL ROOF OPENINGS AND PENETRATIONS WITH STRUCTURAL, PLUMBING, HVAC, AND ELECTRICAL REQUIREMENTS.
 - PROVIDE WATER TIGHT INTEGRITY AT ALL PENETRATIONS AND EQUIPMENT PER ROOFING MANUFACTURERS STANDARD DETAILS AND REQUIREMENTS FOR WARRANTY AND CURRENT NRCA STANDARDS.
 - PROVIDE POSITIVE ROOF DRAINAGE INCLUDING TAPERED INSULATION LAYOUT. PROVIDE SADDLES AND CRICKETS AT ALL ROOF TOP EQUIPMENT AND PENETRATIONS TO ENSURE POSITIVE DRAINAGE.
 - PROVIDE 24" WIDE CONCRETE PAVER WALKWAY FROM ROOF SCUTTLE TO ALL MECHANICAL ROOFTOP UNITS AND ALL ROOF ACCESS LADDERS. PROVIDE PAVERS AROUND PERIMETER OF ROOF SCUTTLE AND HVAC ROOFTOP UNITS. PROVIDE PAVERS AT LANDINGS BELOW ROOF ACCESS LADDERS.

NOTE #	ROOF PLAN NOTE
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KEYNOTE LEGEND - CONSTRUCTION TYPES

TAG	CONSTRUCTION DESCRIPTION
C1	LAY-IN CEILING PANELS IN EXPOSED GRID SYSTEM SUSPENDED FROM STRUCTURE ABOVE.
E3	ALUMINUM ENTRANCE SYSTEM WITH TAPERED INSULATING GLASS (EDIT FOR SCHOOLS: 1/4" TAPERED GLASS IN DOORS).
E7	INSULATED STEEL DOOR WITH INSULATING GLASS.
G2	METAL COPING SYSTEM: METAL COPING ON TREATED 2x WOOD BLOCKING.
G4	METAL SCUPPER. (EDIT FOR SIZE AND STYLE).
G8	METAL COUNTERFLASHING: TWO PIECE "SNAP-IN" METAL COUNTERFLASHING WITH SURFACE MOUNTED RECEIVER WITH MECHANICAL FASTENERS @ 12" OC WITH NEOPRENE WASHERS @ EXPOSED FASTENER HEADS.
G10	METAL COUNTERFLASHING: TWO PIECE "SNAP-IN" METAL COUNTERFLASHING WITH RECEIVER BUILT INTO MASONRY MORTAR JOINT.
R1	SINGLE PLY ROOFING SYSTEM: LOOSELY LAID AND BALLASTED EPDM MEMBRANE WITH BALLAST PROTECTIVE MAT ON X" OF RIGID INSULATION (ON VAPOR RETARDER), ON 5/8" EXTERIOR SHEATHING ON (EDIT FOR ROOF FRAMING/DECKING/VAPOR RETARDER).
R2	SINGLE PLY ROOFING SYSTEM: FULLY ADHERED EPDM MEMBRANE ON X" OF RIGID INSULATION (ON VAPOR RETARDER) ON 5/8" EXTERIOR SHEATHING ON (EDIT FOR ROOF FRAMING/DECKING/VAPOR RETARDER).
S1	X" REINFORCED CONCRETE SLAB ON VAPOR RETARDER ON X" DRAINAGE FILL. (EDIT FOR THICKNESSES).

NOTE #	EXTERIOR ELEVATION NOTE
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EXTERIOR FINISH PATTERNS	EXTERIOR ELEVATIONS - GENERAL NOTES
SHINGLES	A. PAINT ALL EXPOSED STEEL LINTELS TO MATCH ADJACENT MASONRY COLOR.
BRICK	B. TRIM ALL EXTERIOR LIGHTING FIXTURES, OUTLETS, HOSE BIBBS AND ALL OTHER FINISH PENETRATIONS WITH 1/4" FIBER CEMENT TRIM (1/2").
SIDING	C. REFER TO SHEET XXX FOR WINDOW FRAME ELEVATIONS.
SHAKES	D. SEALANT COLORS TO MATCH ADJACENT FINISHED SURFACES.
	E. FIBER CEMENT COLOR TO BE REDWOOD STAIN.

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Randall Elementary School - 5th Addition - 2016
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C1
A410 VIEW FROM COURTYARD TOWARDS ELEVATOR ADDITION - MAINTENANCE BUILDING HIDDEN



E3
A410 VIEW FROM COURTYARD TOWARDS ELEVATOR ADDITION - MAINTENANCE BUILDING SHOWN

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