

		HISTORIC PRESERVATION COMMISSION AGENDA ITEM EXECUTIVE SUMMARY				
		Agenda Item Title/Address:		COA: 107-109 E Main St.		
		Proposal:		Exterior Renovation		
		Petitioner:		City of St. Charles		
		Please check appropriate box (x)				
		PUBLIC HEARING			MEETING 9/5/18	X
AGENDA ITEM CATEGORY:						
X	Certificate of Appropriateness (COA)			Façade Improvement Plan		
	Preliminary Review			Landmark/District Designation		
	Discussion Item			Commission Business		
ATTACHMENTS:						
Application						
Agenda Item from Government Services Committee Meeting						
Exterior Work Information						
Pictures						
EXECUTIVE SUMMARY:						
<p>The City has purchased the property at 107-109 E. Main St., also known as the former George's Sport Building. In the Fall of 2017, the City hired Schramm Construction to complete interior work on the building.</p> <p>At the August 27, 2018 Government Services Committee Meeting, the next phase of the project was approved to start moving forward. That next phase includes many exterior renovations, some of the ones proposed are listed below:</p> <p>North Main St. Elevation:</p> <ul style="list-style-type: none"> • Clean and tuckpoint existing masonry wall • Repair or replace metal roof over windows • Remove facing above store front windows and install new signboard • Remove and replace all windows • Remove two existing doors <p>South (courtyard) Elevation:</p> <ul style="list-style-type: none"> • Remove all windows and doors for replacement • Remove section of wall for new door • Remove stairs and build new ramp along the side of adjacent building 						
RECOMMENDATION / SUGGESTED ACTION:						
Provide feedback and recommendations on approval of the COA.						

APPLICATION FOR COA REVIEW
HISTORIC PRESERVATION "CERTIFICATE OF APPROPRIATENESS"



COMMUNITY & ECONOMIC DEVELOPMENT DEPARTMENT / CITY OF ST. CHARLES

(630) 377-4443

To be filled out by City Staff

Permit #: _____ Date Submitted: 8/30/18 COA # _____ Admin. Approval: _____

APPLICATION INFORMATION

Address of Property: 107-109 E. MAIN ST. (FORMER GEORGE'S SPORT)

Use of Property: ☒ Commercial, business name: _____

☐ Residential ☐ Other: _____

Project Type:

☒ Exterior Alteration/Repair

☒ Windows

☒ Doors

☒ Siding - Type: WOOD

☒ Masonry Repair

☐ Other _____

☐ Awnings/Signs

☐ New Construction

☐ Primary Structure

☐ Additions

☐ Deck/Porch

☐ Garage/Outbuilding

☐ Other _____

☐ Demolition

☐ Primary Structure

☐ Garage/Outbuilding

☐ Other _____

☐ Relocation of Building

Description:

SEE ATTACHED EXECUTIVE SUMMARY

Applicant Information:

Name (print): CITY OF ST. CHARLES

Address: 2 E. MAIN ST.

Phone: 630.377.4916

Email: PSUHR@STCHARLESIL.GOV

Applicant is (check all that apply):

☒ Property Owner

☐ Business Tenant

☐ Project contractor

☐ Architect/Designer

Property Owner Information (if not the Applicant)

Name (print): _____

Address: _____

Signature: _____


APPLICANT/AUTHORIZED AGENT SIGNATURE

I agree that all work shall be in accordance with the plans, specifications and conditions which accompany this application, and I have read and understand the Historic Preservation COA General Conditions.

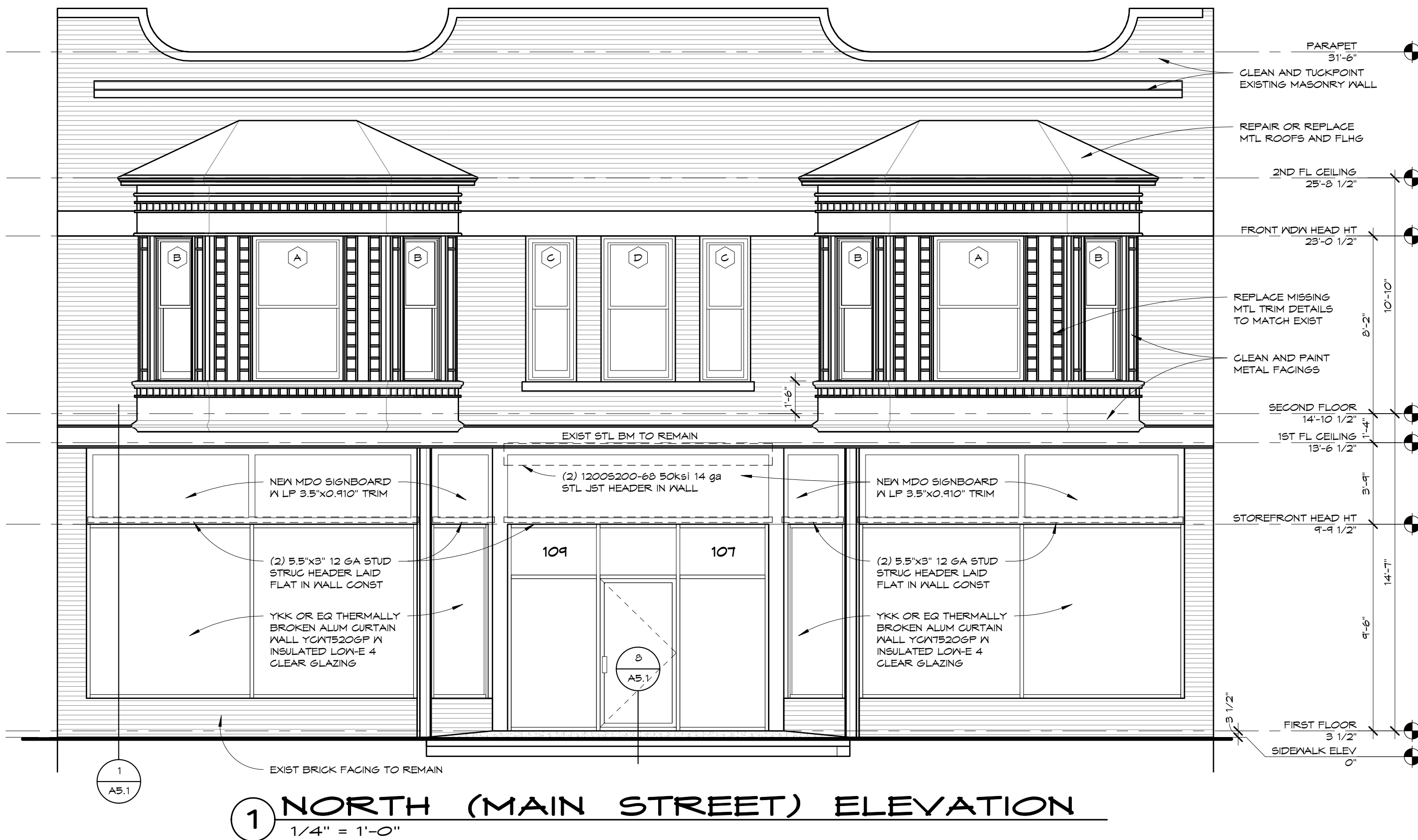
Signature: Peter J. Suh Date: 08/30/2018

PETER SUHR, DIRECTOR OF PUBLIC WORKS

AGENDA ITEM FROM 8/27/18 GOVERNMENT SERVICES COMMITTEE MEETING

	AGENDA ITEM EXECUTIVE SUMMARY		Agenda Item number: 4.d
	Title:	Recommendation to Approve Agreement for Design, Construction Documents and Construction Services for the Renovation to City Owned Building at 107-109 East Main Street (Former George's Sport) to Schramm Construction	
	Presenter:	Peter Suhr	
Meeting: Government Services Committee Date: August 27, 2018			
Proposed Cost: \$44,350		Budgeted Amount: \$900,000	Not Budgeted: <input type="checkbox"/>
<p>Executive Summary <i>(if not budgeted please explain):</i></p> <p>The City purchased the property at 107-109 Main Street otherwise known as the former George's Sport Building in 2012 with intent to utilize the building or land as a compliment to the adjacent Arcada Theatre. In 2012, the building was in fair condition, however has slowly continued to deteriorate over time. The Public Works Department is responsible for the care and maintenance of City owned buildings including George's Sport.</p> <p>Recognizing the continued deteriorating conditions of the building, Public Works recently retained Schramm Construction to perform much needed demolition work on the interior of the building and roof replacement in the Fall of 2017.</p> <p>Now that the building is weathertight, the focus is on providing continued improvements to the building in preparation for a potential tenant or adaptive reuse of the space. Working with staff, Schramm Construction and their consulting architect, Paul Lankenau, have prepared the next appropriate scope of work to be considered as identified in the attached proposal. In general, the work proposed includes design and construction documents for continued exterior improvements and interior buildout of "white box" spaces including structural, mechanical, electrical, plumbing and fire protection upgrades. The proposed work also includes continued demolition and abatement on the interior of the building which is needed to assess the structural components of the building.</p> <p>Once the construction documents are complete this Fall, the City will be in a position to bid and construct the project if desired. Project costs for construction is preliminary estimated between \$800,000 - \$950,000 and will be confirmed and approved after bidding.</p>			
<p>Attachments <i>(please list):</i></p> <p>*Schramm Construction Proposal</p>			
<p>Recommendation/Suggested Action <i>(briefly explain):</i></p> <p>Recommendation to Approve Agreement for Design, Construction Documents and Construction Services for the Renovation to City Owned Building at 107-109 East Main Street (Former George's Sport) to Schramm Construction</p>			

C:\Users\Paul\Lankenau Architecture PC\Clients\Schramm Construction\Main Street St Charles\Revit Model\107-109 E Main Street St Charles.rvt



1 NORTH (MAIN STREET) ELEVATION
1/4" = 1'-0"



2 SOUTH (COURTYARD) ELEVATION
1/4" = 1'-0"

PHASE 1 ALTERATIONS TO 107-109 E. MAIN STREET ST. CHARLES, ILLINOIS

PROJECT JURISDICTION, ZONING AND USES:
ZONING JURISDICTION - CITY OF ST. CHARLES, ILLINOIS
ZONING CLASSIFICATION - CBD-1 CENTRAL BUSINESS DISTRICT
USE S-1 (MODERATE HAZARD STORAGE) BASEMENT
A-2 (ASSEMBLY) FIRST FLOOR
B (BUSINESS) SECOND FLOOR

BUILDING CODES, ORDINANCES AND REGULATIONS:
ILLINOIS ENERGY CONSERVATION CODE - USING IECC 2015
(INTERNATIONAL ENERGY CONSERVATION CODE) WITH
STATE OF ILLINOIS AMENDMENTS
2015 IEBC (INTERNATIONAL EXISTING BUILDING CODE)
2015 IBC (INTERNATIONAL BUILDING CODE)
2015 INTERNATIONAL MECHANICAL CODE
2015 INTERNATIONAL FUEL GAS CODE
2014 NATIONAL ELECTRIC CODE NFPA 70
2014 STATE OF ILLINOIS PLUMBING CODE
2015 INTERNATIONAL FIRE CODE
1997 ILLINOIS ACCESSIBILITY CODE
NFPA 101 LIFE SAFETY CODE
LOCAL REGULATIONS AND AMENDMENTS TO ALL CODES

CLIMATIC AND GEOGRAPHIC DESIGN CRITERIA:
GROUND SNOW LOAD = 30 PSF (POUNDS PER SQ FT)
WIND LOAD = 25 PSF
SEISMIC DESIGN CATEGORY = B
CONCRETE SUBJECT TO: SEVERE WEATHERING
FROST LINE DEPTH = 42"
OUTDOOR WINTER DESIGN TEMPERATURE = -5° F
AIR FREEZING INDEX: 2,000
MEAN ANNUAL TEMPERATURE: 48.5° F

FIRE RATINGS AND SEPARATION DESIGN CRITERIA:
1. EXISTING EXTERIOR FIRE RATINGS TO REMAIN - NOT DETERMINED
2. INTERIOR FLOOR AND WALL CONSTRUCTION TO PROVIDE
1 HR MIN RATING PLUS SMOKE BARRIERS AT THE FOLLOWING
LOCATIONS:
A. BETWEEN ALL TENANTS
B. BETWEEN FIRST AND SECOND FLOOR USES (A-2 TO B)
(NOT REQD BASEMENT TO 1ST FLOOR - SAME TENANT)
C. STAIRWAY ENCLOSURES
D. CORRIDOR WALLS PER CITY AMENDMENT (MAY INCLUDE GLASS)
E. ALL MECHANICAL/PLUMBING SHAFTS
3. CONTRACTOR TO FIRESTOP AND FIRE CAULK ALL OPENINGS
PENETRATING RATED CONSTRUCTION

FIRE SPRINKLERS / FIRE PROTECTION / DRAFTSTOPPING:
1. CONTRACTOR TO DESIGN AND PROVIDE AUTOMATIC FIRE
PROTECTION PER NFPA 13 AS REQUIRED BY THE LOCAL
JURISDICTION, INCLUDING A NEW WATER SERVICE WITH
BACK-FLOW PREVENTER.

2. DRAFTSTOPPING SHALL BE PROVIDED AS REQUIRED IN
FLOOR CONSTRUCTION WHEN THE CEILING IS SUSPENDED
BELOW THE JOISTS, OR CONSTRUCTED OF OPEN VEE JOISTS.
DRAFTSTOPPING SHALL DIVIDE THE FLOOR AREA INTO 1,000
SQ FT MAXIMUM AREAS AND SHALL USE APPROVED MATERIALS
SUCH AS 1/2" GYPSUM BOARD AND SEALANT.

3. FIRESTOPPING SHALL BE PROVIDED AS REQUIRED TO CUT
OFF CONCEALED DRAFT OPENINGS (HORIZ AND VERT),
BETWEEN STORIES, AND TOP STORY AND ROOF BY
FIRESTOPPING WITH APPROVED MATERIALS AT CEILINGS,
FLOORS, SOFFITS, DROP CEILINGS, STAIRS, PIPES AND
OTHER OPENINGS. HORIZONTAL CAVITIES 10 FEET OR WIDER
SHALL BE FIRESTOPPED.

CONSTRUCTION TYPE:
EXISTING CONSTRUCTION TYPE IIB
(2 HR RATED EXT BEARING WALLS, NO RATINGS REQD ON
FLOORS)
AS REQD FOR FIRE SEPARATION LISTED SEPARATELY
NON-COMBUSTIBLE EXTERIOR WALLS / INTERIOR ELEMENTS,
FLOORS AND ROOF OF ANY PERMITTED MATERIAL
EXISTING PARTY WALL FIRE RATING TO REMAIN

STRUCTURAL DESIGN LOADS - RISK CATEGORY III:
EXISTING FLOORS TO BE UPGRADED DUE TO NEW USES
USE A-2 FLOORS INCL ENTRY VESTIBULE = 100 PSF LL + DL
USE B FLOORS = 50 PSF LL + DL
USE B CORRIDORS = 50 PSF LL + DL
STAIRS = 100 PSF LL + DL
ROOF - EXISTING CAPACITY UNDETERMINED
WIND LOAD FOR NEW EXTERIOR WALLS/GLAZING ONLY = 25 PSF
GUARDRAILS AND HANDRAILS = 50 LB PER LIN FT MIN AND 200
LB LOAD IN ANY DIRECTION AND AT ANY POINT ALONG THE TOP
(50 LB POINT LOAD ON INFILL COMPONENTS)

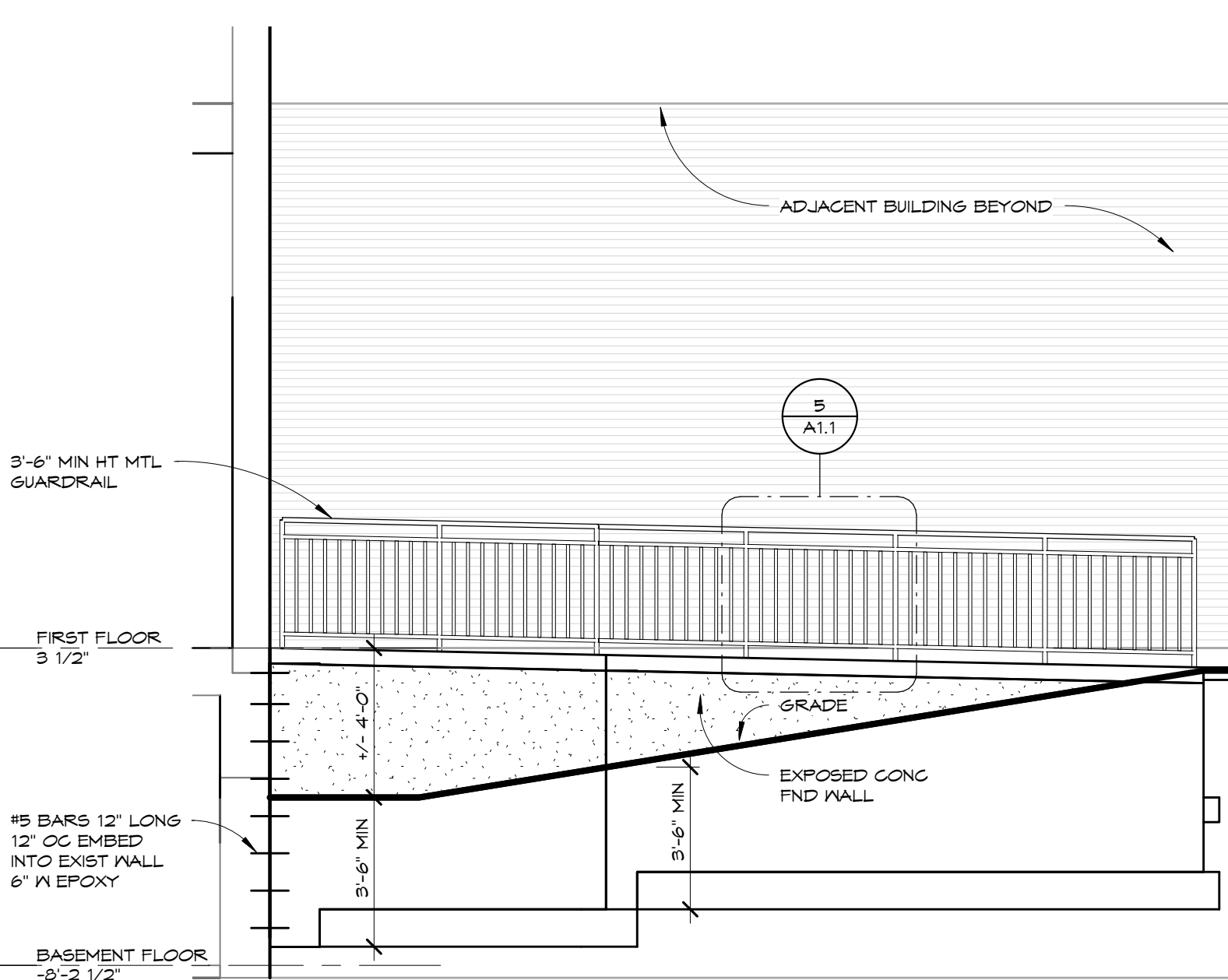
STRUCTURAL MATERIALS:
ALL VALUES ARE THE MINIMUM REQUIRED
FLOOR/CEILING JOISTS, HEADERS, RAFTERS:
CANADIAN SPF #1/2: E = 1.4 MILLION PSI / Fv = 135 PSI
Fb = 875 PSI BASE (1,006 PSI REPETITIVE MEMBERS)
STUDS (REPETITIVE MEMBERS)
CANADIAN SPF STUD GRADE: E=1.2 MILLION PSI
Fb=675 PSI / Fv=135 PSI / Fc=125 PSI (WITH GRAIN)
US SOUTHERN PINE STUD GRADE: E=1.4 MILLION PSI
Fb=750 PSI / Fv=175 PSI / Fc=125 PSI (WITH GRAIN)
MANUFACTURED MATERIAL: KEYSERHAUSENER I-LEVEL OR
ARCHITECT APPROVED EQUAL (FOLLOW ALL
MANUFACTURER'S INSTRUCTIONS)
LVL BEAMS (INT) PSF BEAMS (INT) PSF COLUMNS (INT)
Fb=2,600 PSI Fb=2,900 PSI Fb=2,400 PSI
Fv=265 PSI Fv=240 PSI Fv=190 PSI
Fc=750 PSI Fc=750 PSI Fc=425 PSI
E=2.0 MILLION PSI E=2.0 MILLION PSI E=1.9 MILLION PSI
STEEL: 50 KSI
CONCRETE: 3,000 PSI FOUNDATIONS AND INTERIOR FLATWORK
4,000 PSI EXTERIOR FLATWORK (AIR ENTRAINED FROM 5% TO 7%)
SOILS: DESIGN BASED ON 1,500 PSF MINIMUM BEARING

ENERGY CODE REGULATIONS AND RATINGS REQUIRED:
1. THESE PLANS HAVE BEEN PREPARED TO MEET OR EXCEED THE
ENVELOPE REQUIREMENTS OF THE 2015 IECC AS REQUIRED BY
THE STATE OF ILLINOIS PRESCRIPTIVE REQUIREMENTS.
2. MINIMUM PRESCRIPTIVE INSULATION R-VALUES:
ROOF AND WALLS: EXISTING TO REMAIN
3. NEW WINDOWS MAXIMUM U-FACTOR 0.45 AND SHGC OF 0.40
4. NEW ENTRY DOORS MAXIMUM U-FACTOR 0.71 AND SHGC 0.40
5. CONTRACTOR TO INSTALL A PERMANENT ENERGY
CERTIFICATE VERIFYING THE INSTALLED RATINGS, ETC ON
THE ELECTRIC DISTRIBUTION PANEL

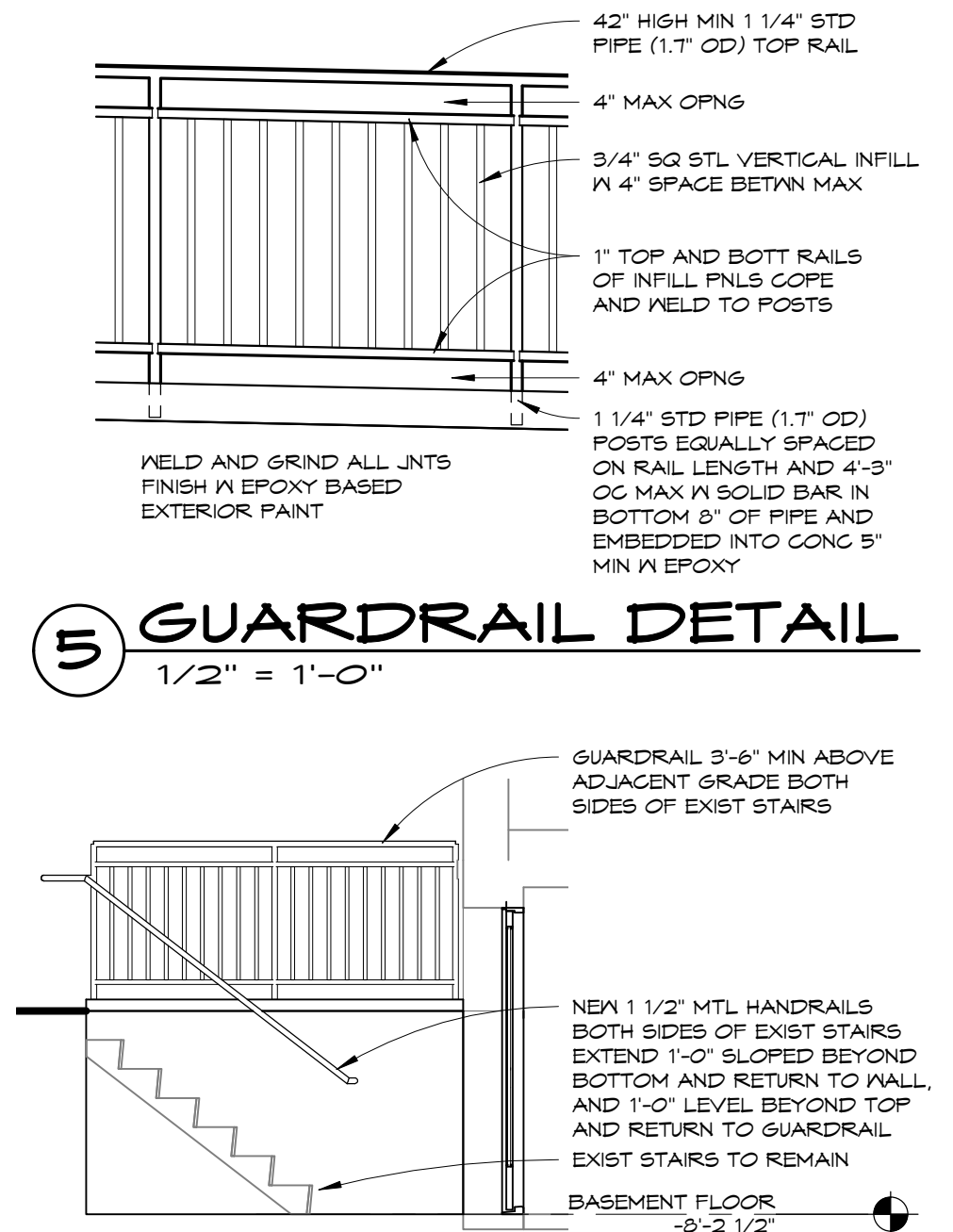
- GENERAL NOTES:**
- DO NOT SCALE DRAWINGS. USE DIMENSIONS LISTED OR
CLARIFY WITH ARCHITECT IF FIELD DIMENSIONS DIFFER.
 - NOTIFY ARCHITECT OF ANY DIMENSIONAL DISCREPANCIES
OR CONFLICTING INFORMATION ON DRAWINGS AT ONCE FOR
CLARIFICATION.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR ALL MEANS AND
METHODS OF CONSTRUCTION, AND ALL SAFETY MEASURES
REQUIRED BY OSHA OR OTHER GOVERNING AGENCIES.
 - FOR WINDOWS WHOSE SILL IS MORE THAN 12" ABOVE
FINISHED GRADE OR A SURFACE BELOW, THE LOWEST PART
OF THE OPENING SHALL BE 36" MINIMUM ABOVE THE ROOM
FLOOR LINE OR IT SHALL HAVE A FALL PROTECTION DEVICE
OR OPENING LIMITED TO 4" MAXIMUM.
 - GLAZING SHALL COMPLY WITH IBC CODE CHAPTER 24
INCLUDING SAFETY GLASS IN ANY DOOR AND WITHIN 24" OF
A DOOR. (IF THE BOTTOM EDGE IS 60" OR LESS ABOVE THE
FLOOR) AT STAIRWAYS AND RAILINGS, AND IN ANY
AREA REQUIRED BY THE CODE EVEN IF NOT SPECIFICALLY
NOTED OR SHOWN ON DRAWINGS.
 - STAIRWAYS SHALL COMPLY WITH IBC CODE CHAPTER 10
WITH A MAXIMUM RISER HEIGHT OF 7" AND A MINIMUM TREAD
DEPTH OF 11" PLUS A NOSING OF 3/4" TO 1 1/4". TREADS
WITH NO NOSING SHALL BE A MINIMUM DEPTH OF 12".
HEADROOM ABOVE A STAIR SHALL NOT BE LESS THAN 6'-8"
MEASURED VERTICALLY FROM THE NOSING OR LANDING.
 - RAMPS SHALL COMPLY WITH IBC CODE SECTION 1012 WITH
A MAXIMUM SLOPE OF 1" IN 12" AND MAXIMUM RISE OF 30".
 - HANDRAILS SHALL COMPLY WITH IBC CODE SECTION 1014
AND SHALL BE PROVIDED ON BOTH SIDE OF ALL STAIRS
AND RAMPS. SHALL BE CONTINUOUS THE ENTIRE RUN AND
LOCATED AT A HEIGHT OF 34" TO 38", SHALL EXTEND 12"
SLOPING BEYOND THE BOTTOM RISER AND LEVEL FOR 12"
BEYOND THE UPPER RISER, AND SHALL INCLUDE RETURNS
TO THE WALLS. HANDRAILS SHALL HAVE A DIAMETER OF
1 1/4" TO 2", AND CLEARANCE TO THE WALL OF 1 1/2" MIN.
 - GUARD RAILS SHALL COMPLY WITH IBC CODE SECTION 1015
AND SHALL BE PROVIDED ON ALL WALKING SURFACES MORE
THAN 30" ABOVE THE GRADE OR OTHER FLOOR, INCLUDING
AT THE OPEN SIDES OF STAIRS AND RAMPS. GUARD RAILS
SHALL NOT BE LESS THAN 42" TALL, AND SHALL NOT ALLOW
PASSAGE OF A 4" SPHERE.
 - CONTRACTOR TO PROVIDE ADDRESS NUMBERS ACCEPTABLE
TO THE JURISDICTION.

DRAWING SHEET LIST

SHEET	SHEET NAME
A1.1	COVER SHEET & EXTERIOR ELEVATIONS
A2.1	DEMOLITION PLANS
A3.1	FOUNDATION AND BASEMENT PLAN
A4.1	FIRST AND SECOND FLOOR PLANS
A5.1	SECTIONS AND DETAILS



3 COURTYARD RAMP ELEVATION
1/4" = 1'-0"



4 BSMT STAIR DETAIL
1/4" = 1'-0"

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PHASE 1 BUILDING ALTERATIONS AT
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ILLINOIS
OWNER - THE CITY OF ST. CHARLES, ILLINOIS
CONTRACTOR - SCHRAMM CONSTRUCTION CORP
3520 SWENSON AVE, ST. CHARLES ILLINOIS 60114
630-584-1200

ISSUED FOR DESIGN REVIEW

These plans were drawn by me
or under my direct supervision,
and to the best of my
knowledge comply with all
applicable building codes listed
(seal must be affixed for permit)

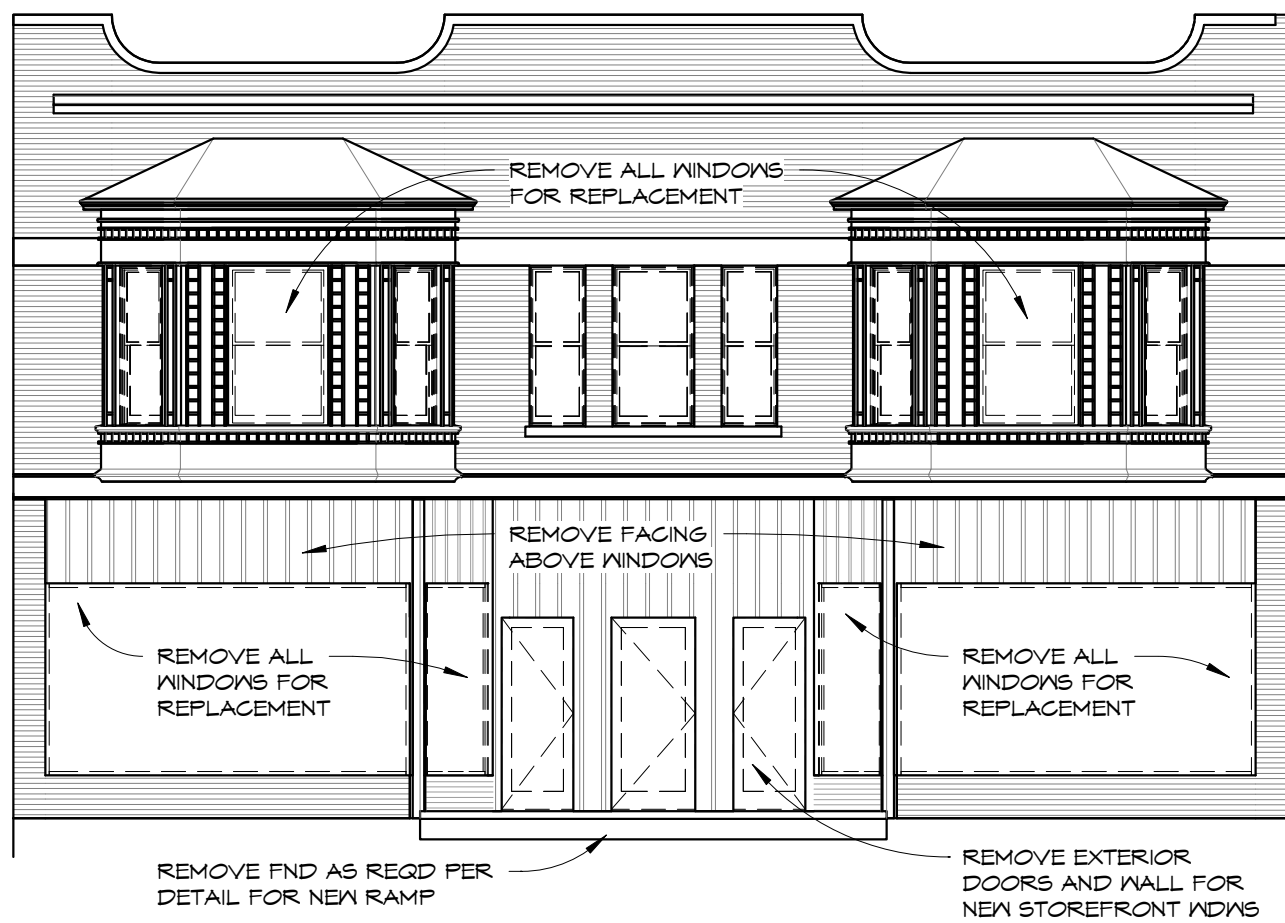
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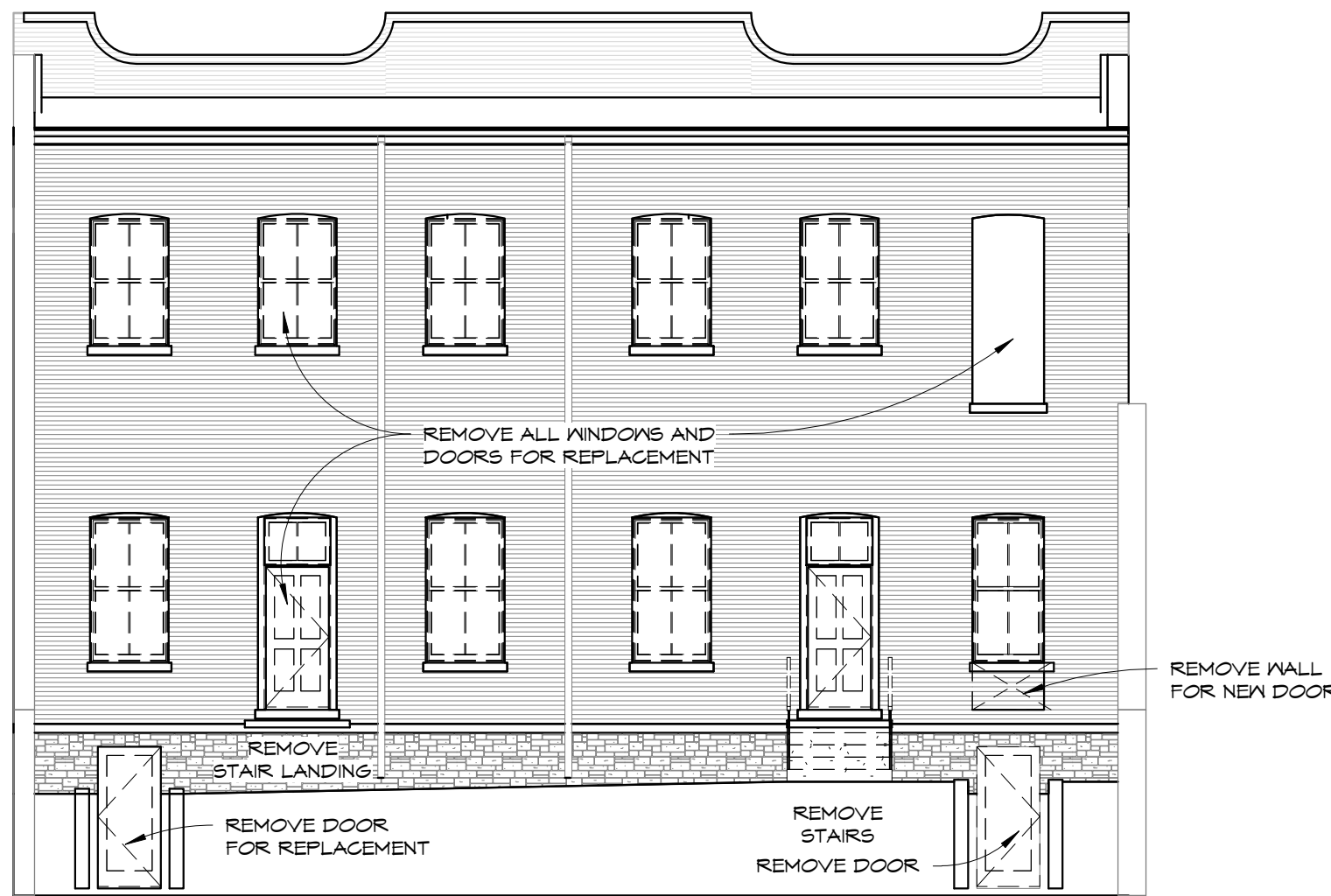
REVISION SCHEDULE		
ID	DATE	DESCRIPTION

ISSUE DATE 8/29/2018
DRAWN BY PRL
CHECKED BY PRL
PROJECT NUMBER 18011
**COVER SHEET &
EXTERIOR ELEVATIONS**
A1.1

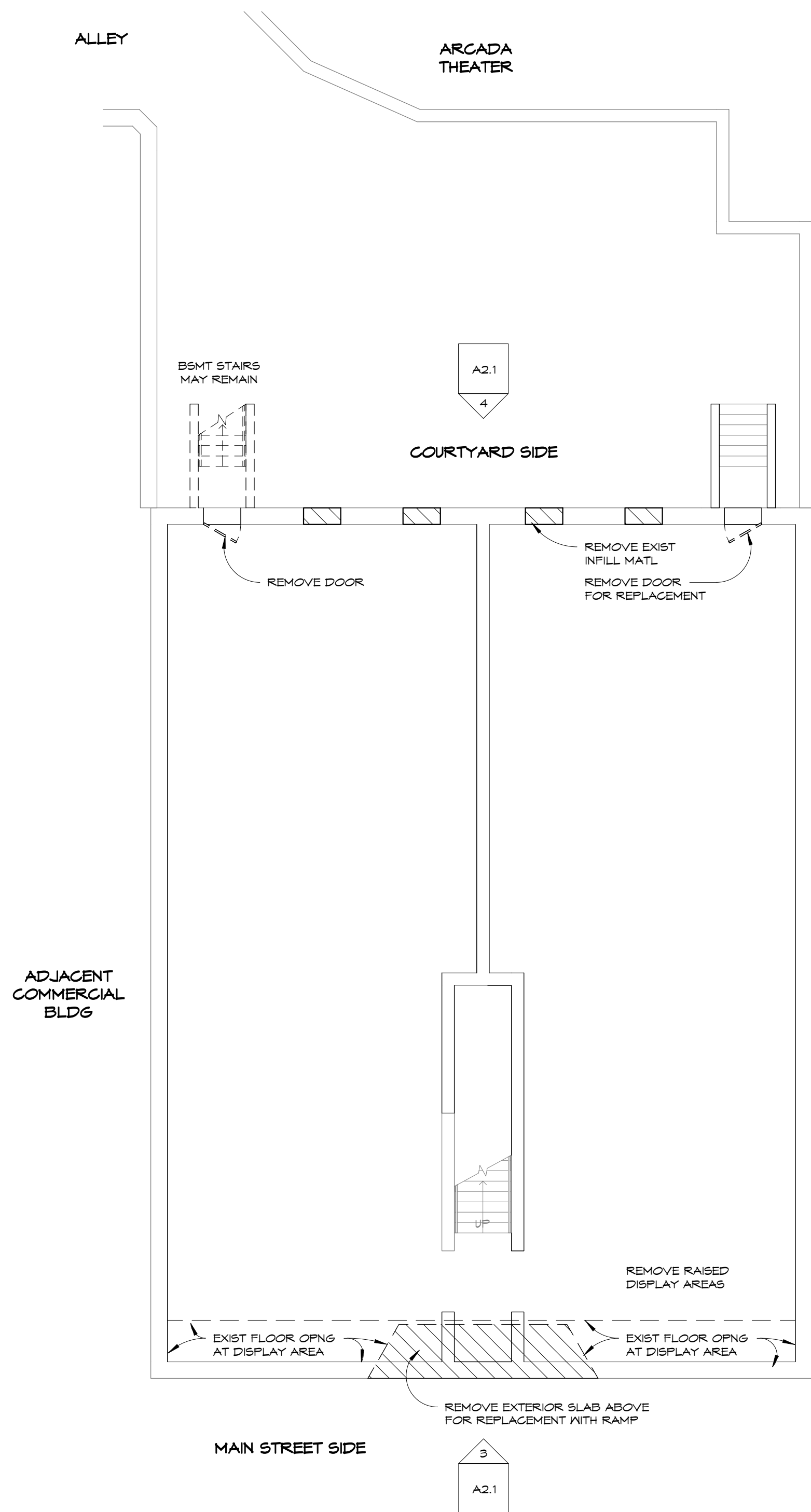
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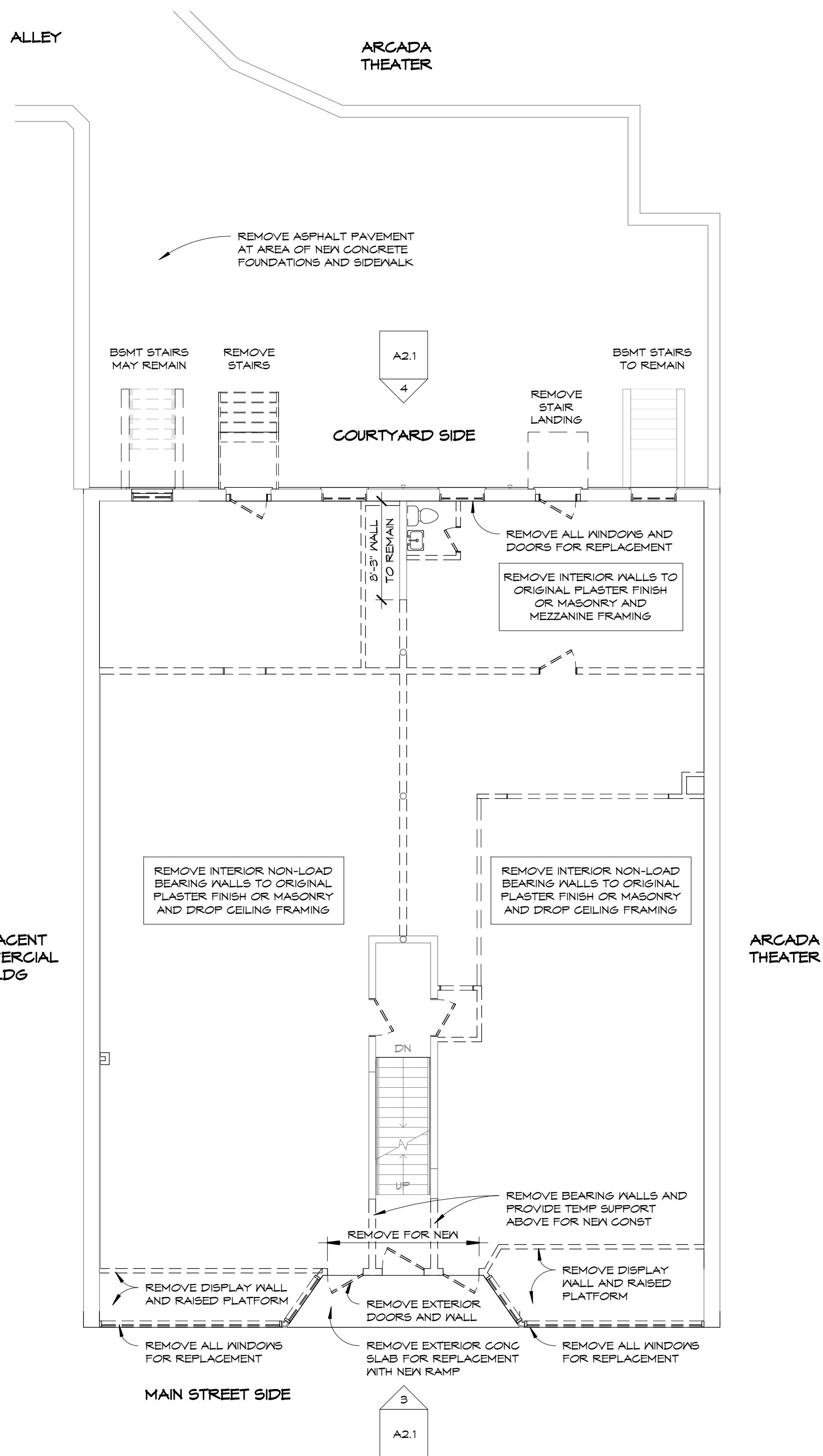
③ NORTH (MAIN ST) ELEVATION DEMO
1/8" = 1'-0"



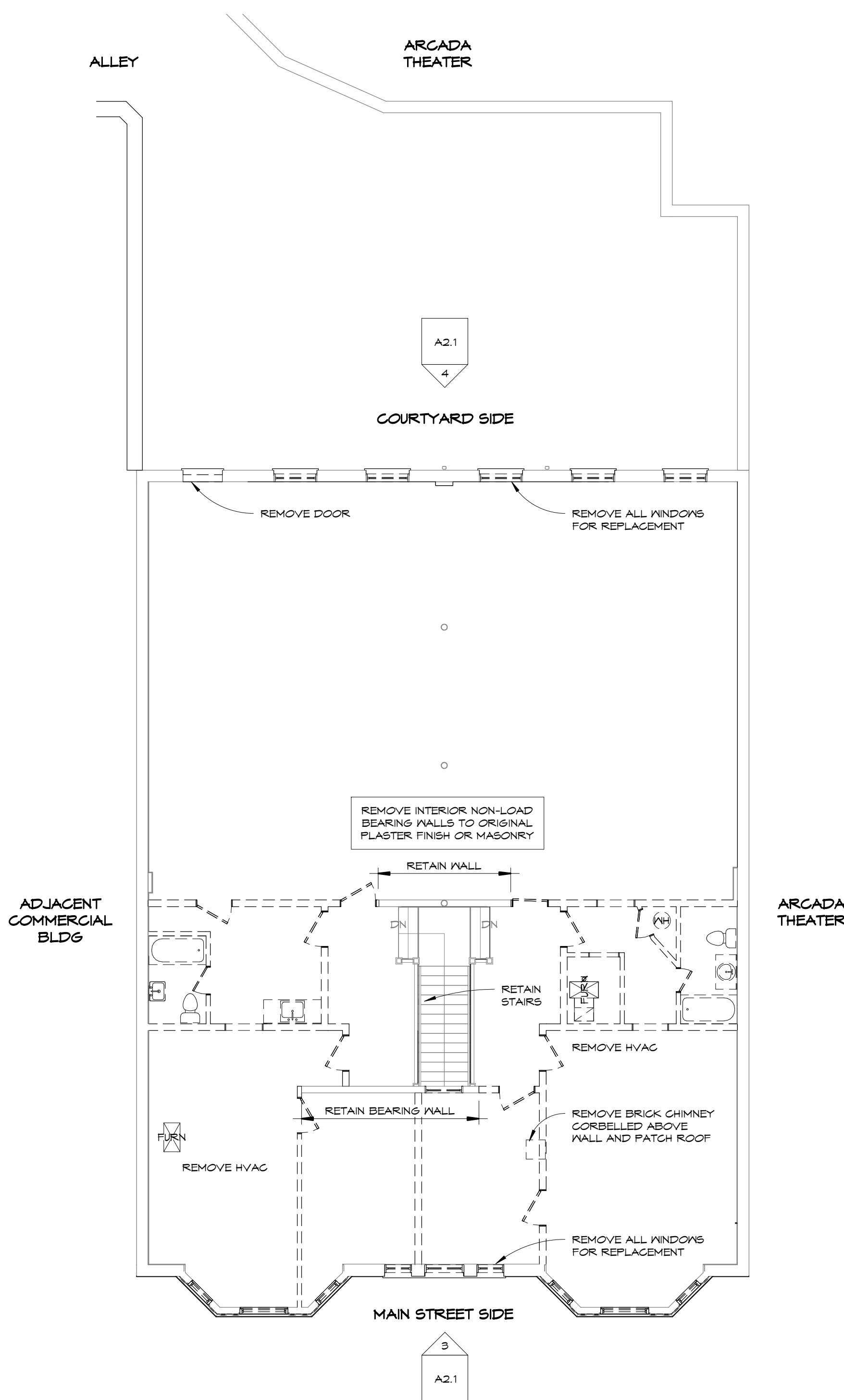
④ SOUTH ELEVATION DEMO
1/8" = 1'-0"



⑤ BASEMENT DEMOLITION PLAN
1/8" = 1'-0"



① FIRST FLOOR DEMOLITION PLAN
1/8" = 1'-0"



② SECOND FLOOR DEMOLITION PLAN
1/8" = 1'-0"

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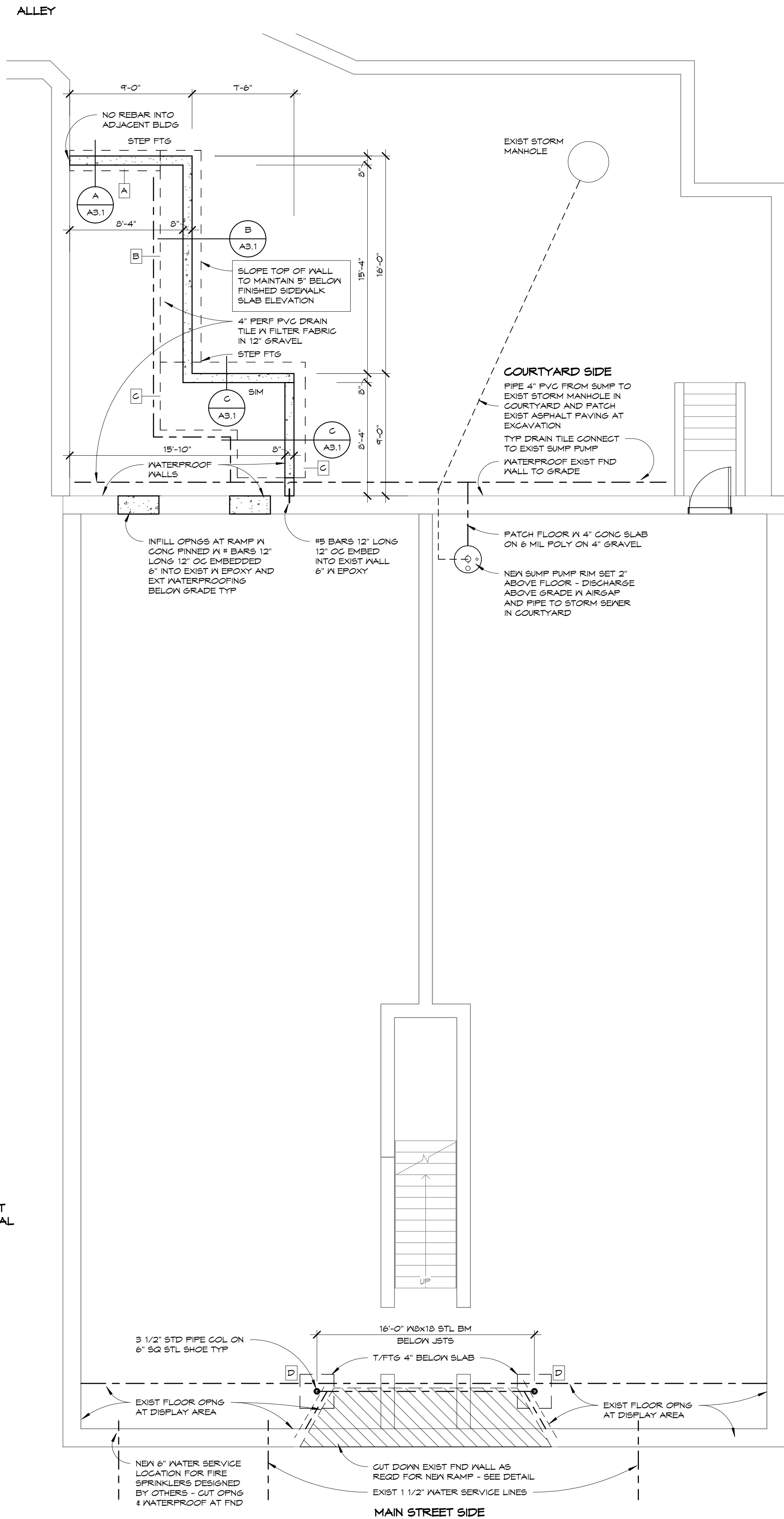
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DEMOLITION PLANS

A2.1

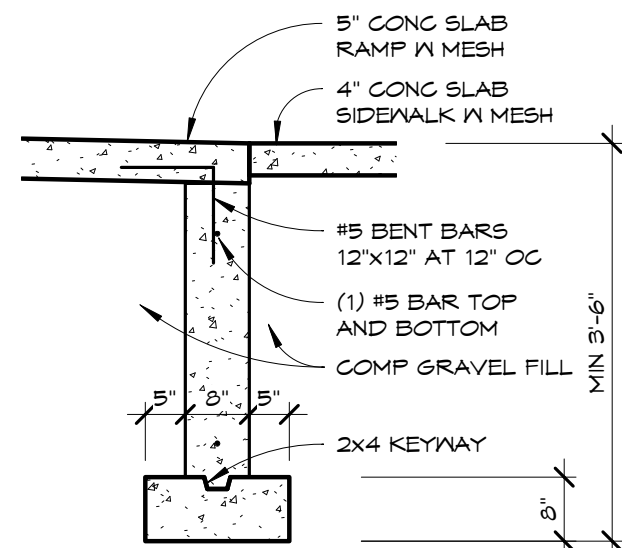
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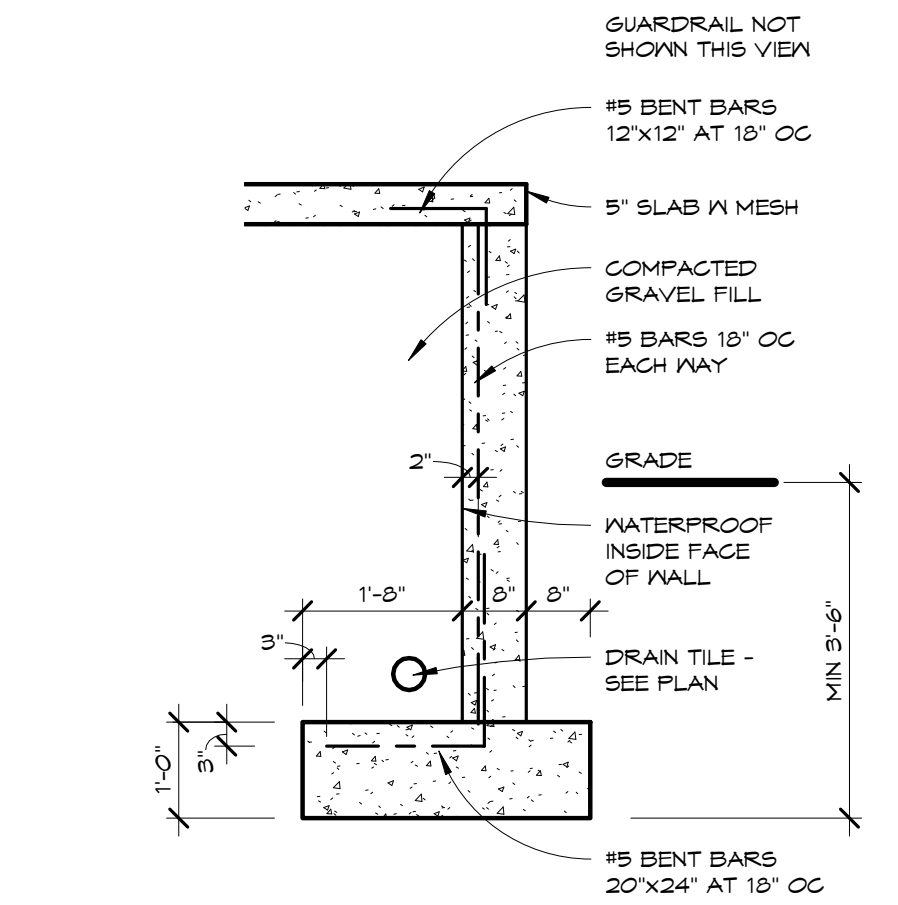


1 FOUNDATION PLAN
3/16" = 1'-0"

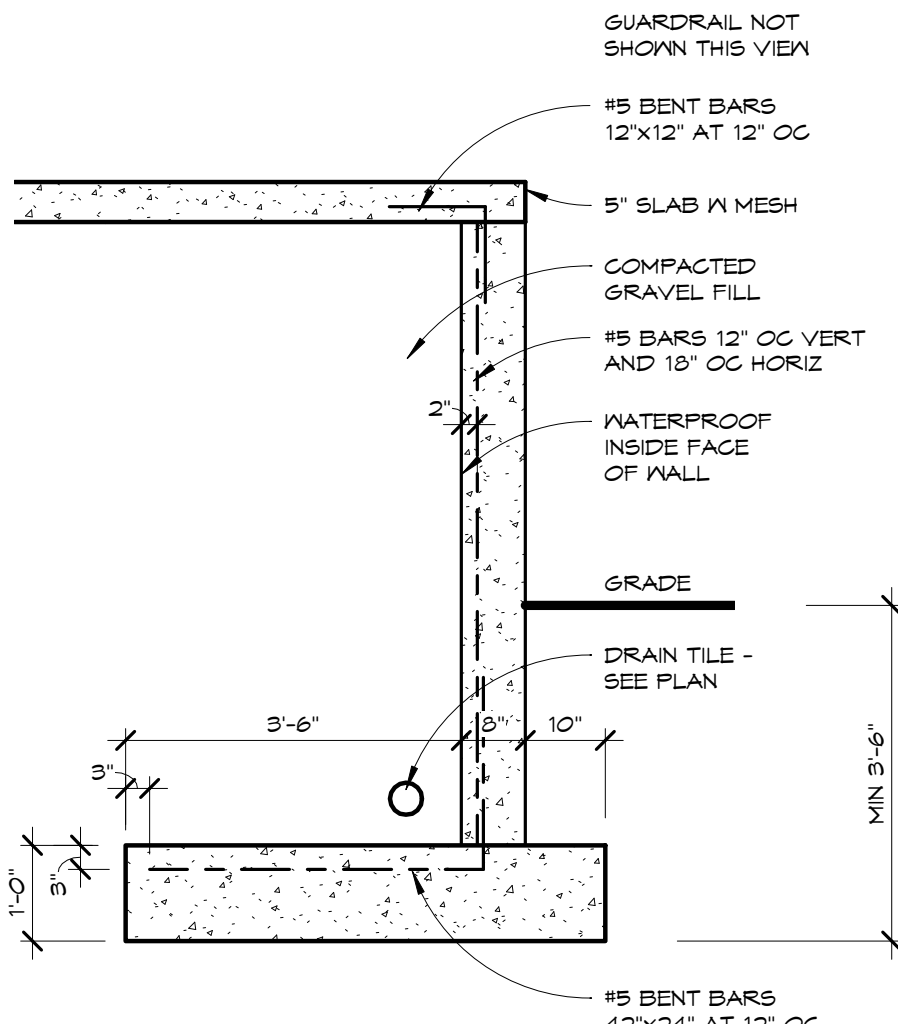
A FND WALL SECT
1/2" = 1'-0"



B RETAINING WALL
1/2" = 1'-0"

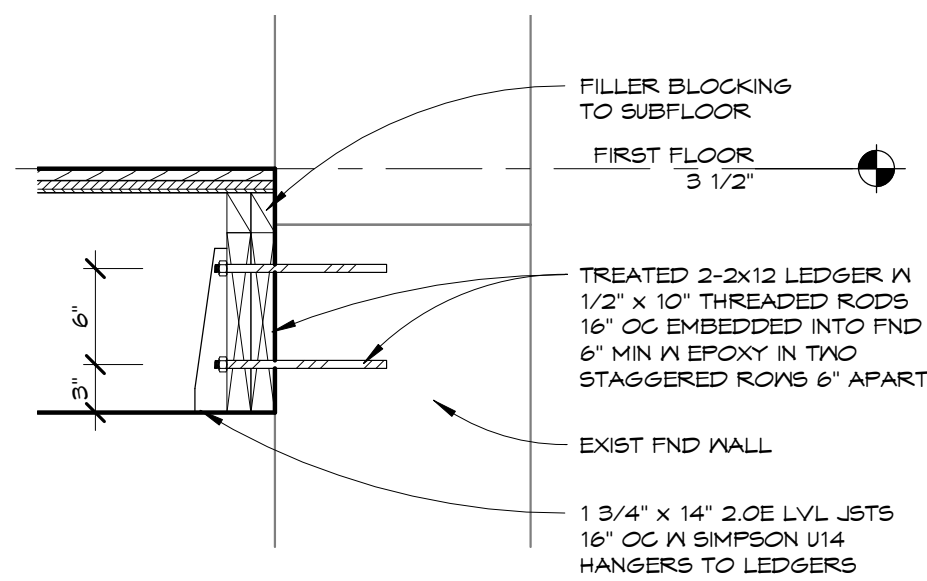


C RETAINING WALL
1/2" = 1'-0"

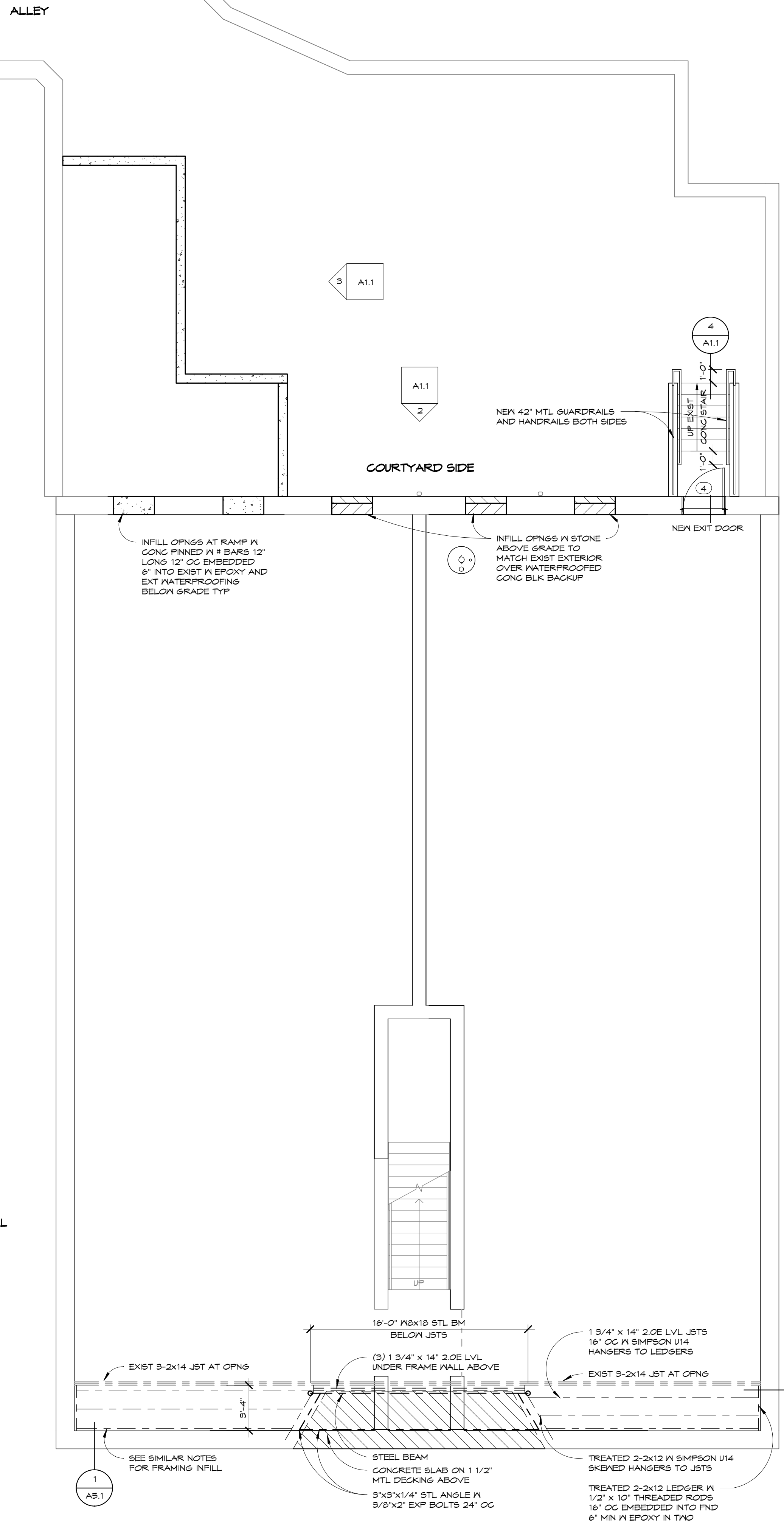


FOOTING SCHEDULE	
FOOTING TYPE	FOOTING SIZE WITH CODE MINIMUM 1500 PSF SOIL
A	18"x8" STRIP FTG
B	36"x12" STRIP FTG
C	60"x12" STRIP FTG
D	30"x30"x12" PLAIN CONC FTG

D LEDGER DETAIL
1" = 1'-0"



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2 BASEMENT FLOOR PLAN
3/16" = 1'-0"

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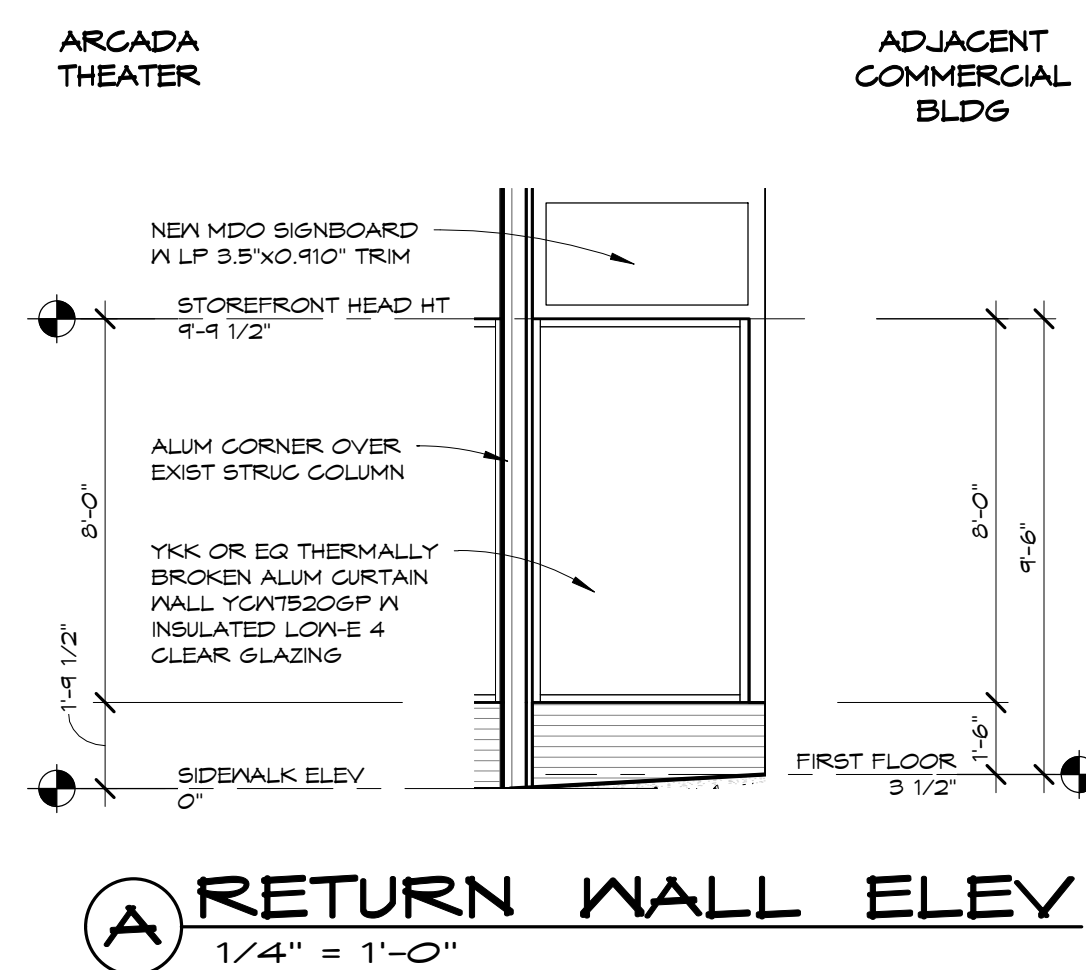
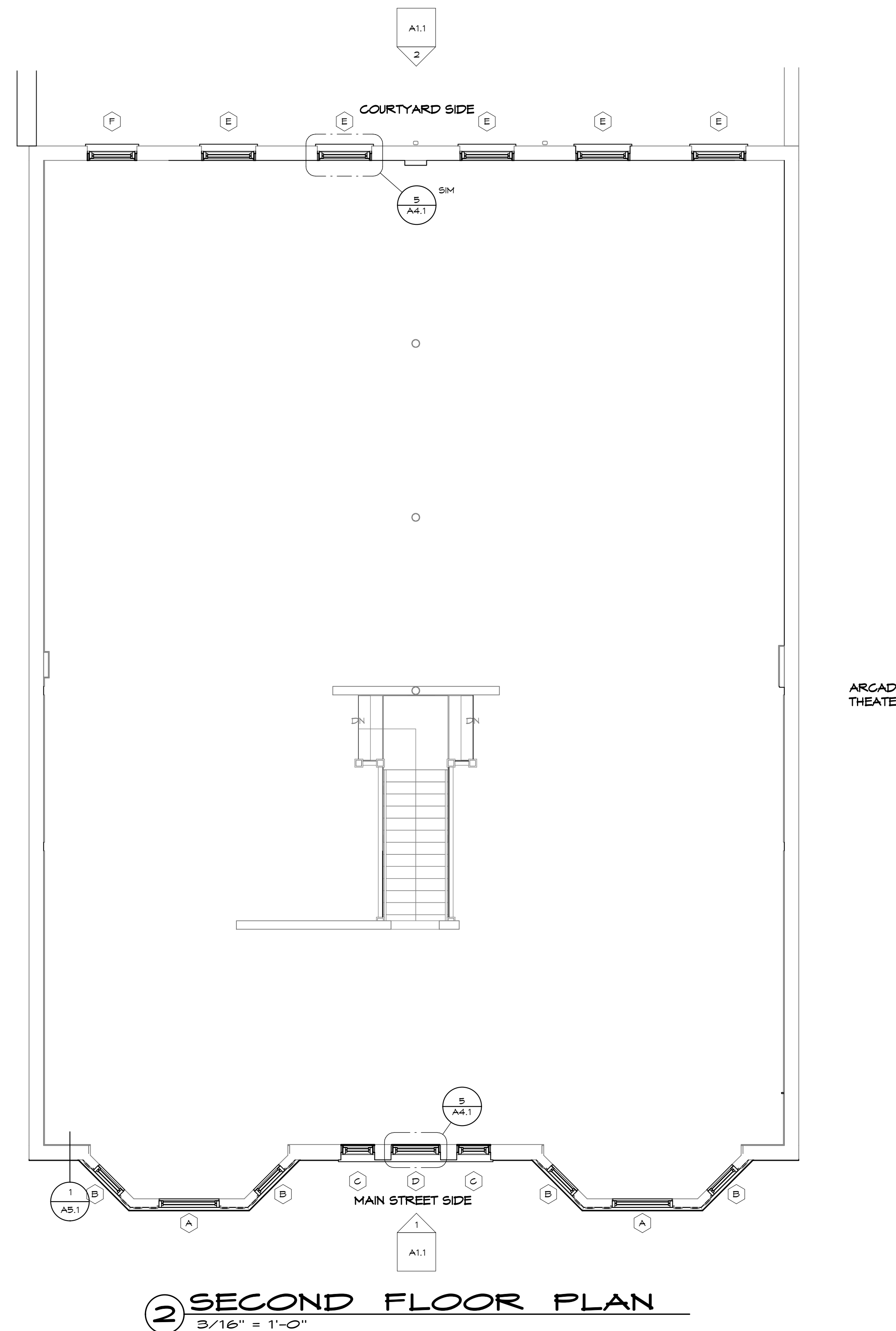
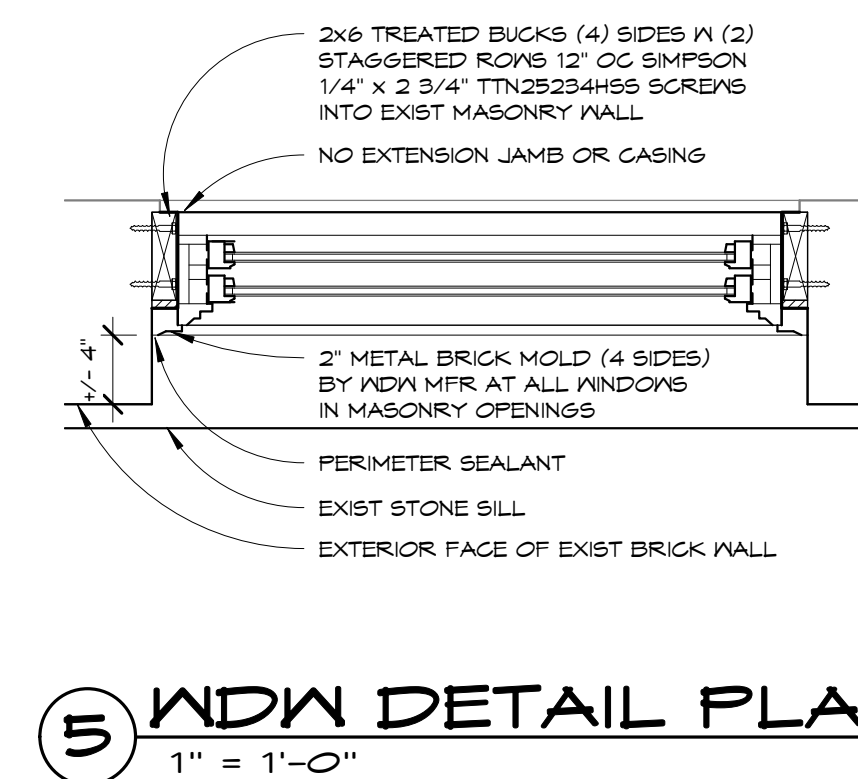
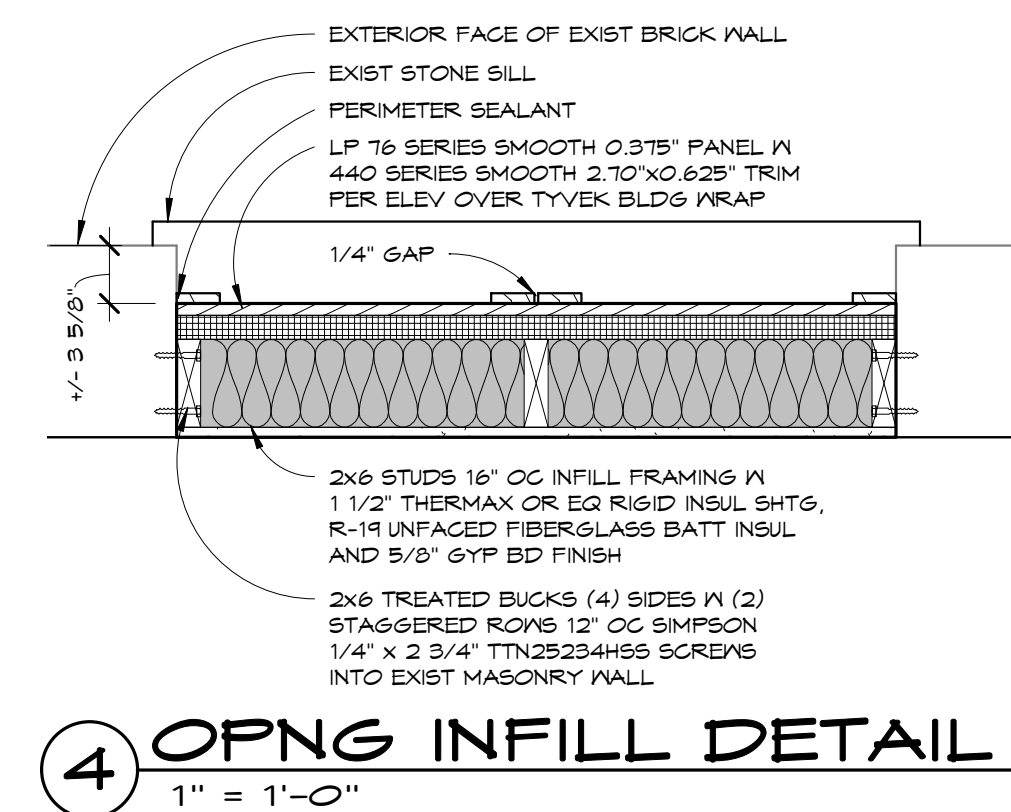
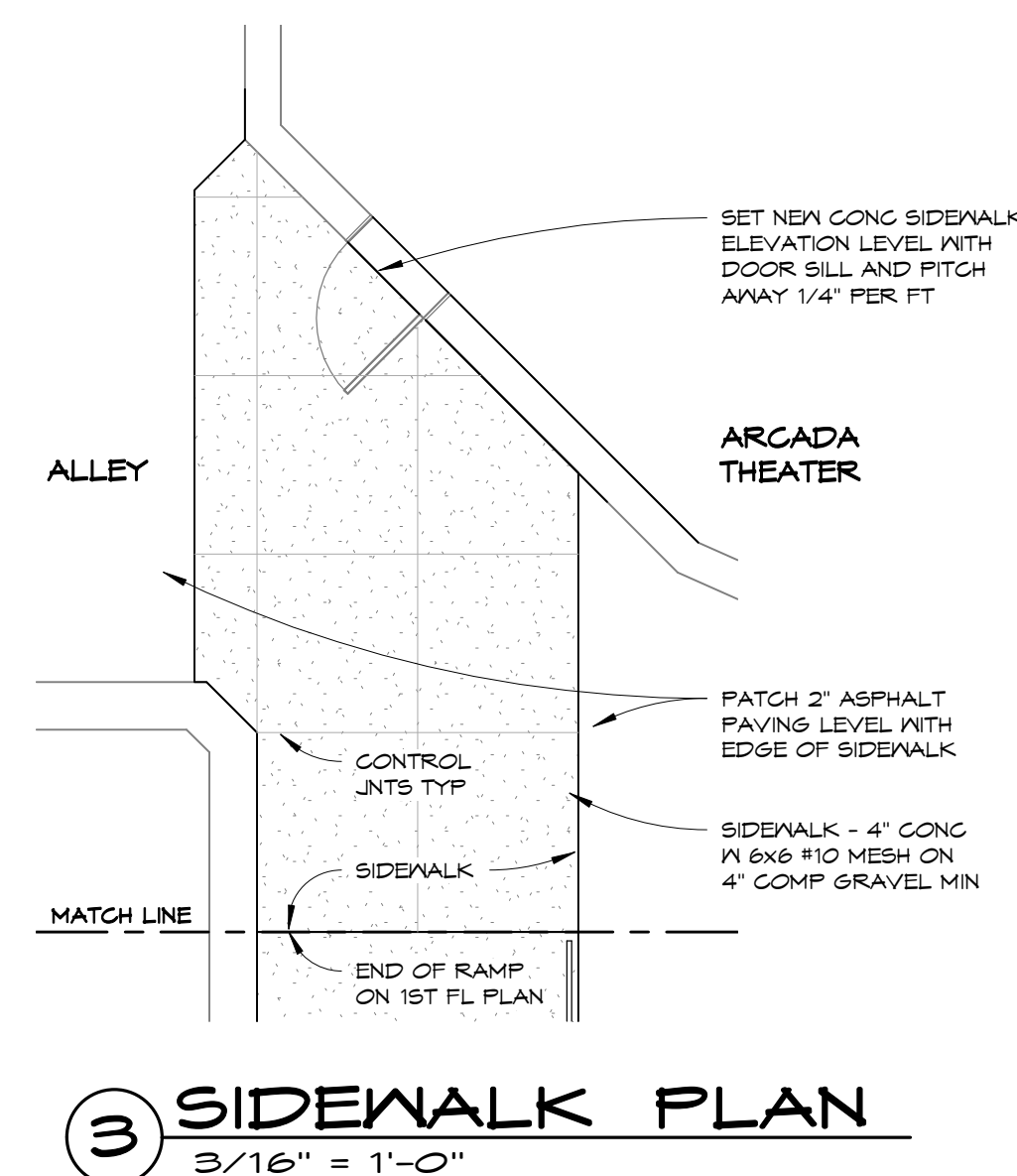
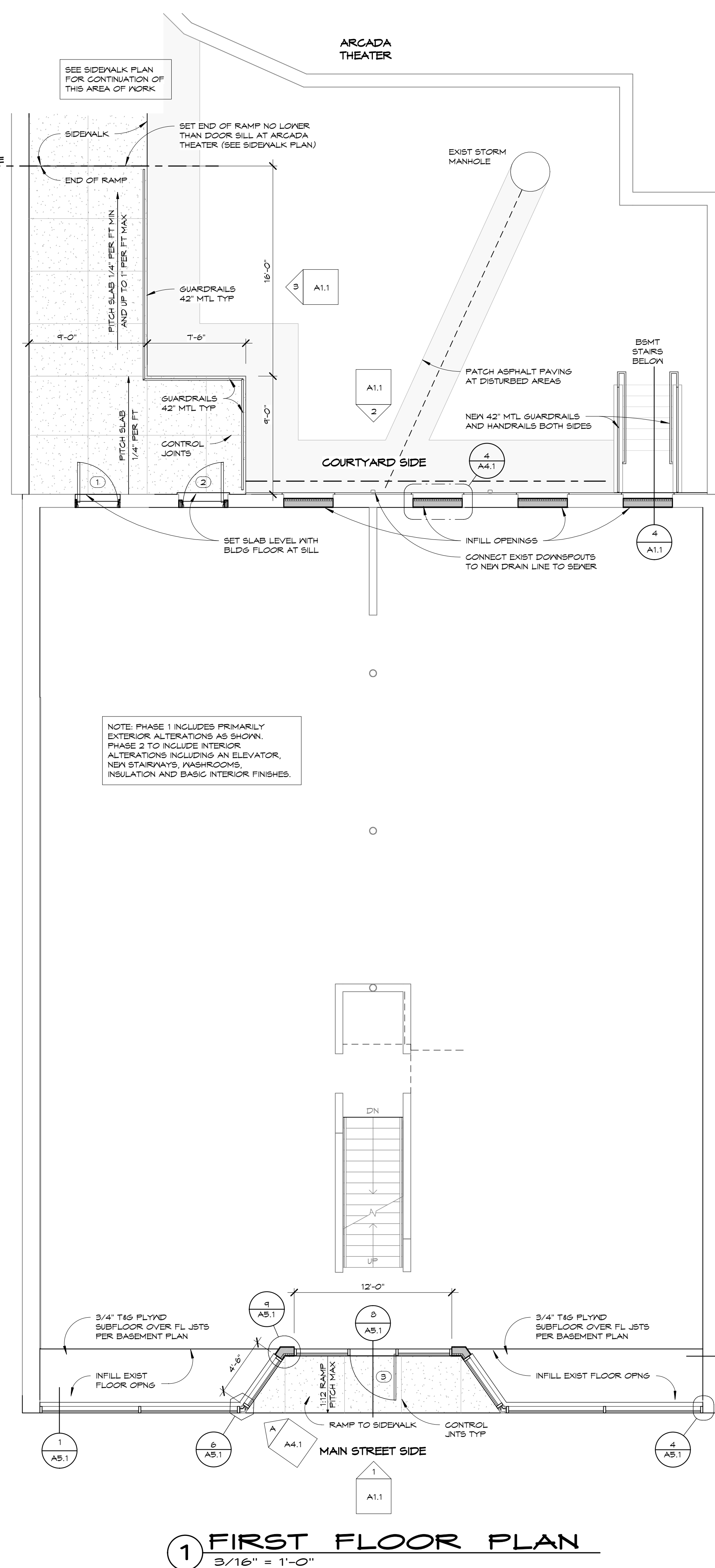
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REVISION SCHEDULE		
ID	DATE	DESCRIPTION

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PROJECT NUMBER 18011

FOUNDATION AND
BASEMENT PLAN
A3.1



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PROJECT NUMBER	1801

FIRST AND SECOND FLOOR PLANS

A4.1

WINDOW SCHEDULE									
MARK	TYPE	MANUFACTURER	MODEL	SIZE		BRK GLD 2" OGEE	GLAZING	COMMENTS	
				WIDTH	HEIGHT		TYPE		
A	ALUM GLAD WD	ANDERSEN	E SERIES DH	4'-2"	6'-0"		LOW E4 INSUL	4" MAX LIMITED OPNG BOTT SASH	
B	ALUM GLAD WD	ANDERSEN	E SERIES DH	2'-6"	6'-0"		LOW E4 INSUL	4" MAX LIMITED OPNG BOTT SASH	
C	ALUM GLAD WD	ANDERSEN	E SERIES DH	2'-0 3/4"	6'-5 3/4"	YES	LOW E4 INSUL	4" MAX LIMITED OPNG BOTT SASH	
D	ALUM GLAD WD	ANDERSEN	E SERIES DH	3'-1 3/4"	6'-5 3/4"	YES	LOW E4 INSUL	4" MAX LIMITED OPNG BOTT SASH	
E	ALUM GLAD WD	ANDERSEN	E SERIES DH	3'-5 3/4"	5'-4 3/4"	YES	LOW E4 INSUL	4" MAX LIMITED OPNG BOTT SASH	
F	ALUM GLAD WD	ANDERSEN	E SERIES DH	3'-1 3/4"	5'-4 3/4"	YES	LOW E4 INSUL	TEMP GLASS	
G	ALUM GLAD WD	ANDERSEN	E-SERIES FIXED	5'-2 1/2"	11'-10"		LOW E4 INSUL	TEMP GLASS	

SEE WALL SECTION FOR TYPE NOTES

FASTEN STUD CHANNEL TO STL BM W (2) #12 SELF-DRILLING SCREWS (15 POINT) 18" OC

1 1/2" FOAM INSUL

5.5" MTL CHANNEL

EXIST CAST IRON COLUMN

ALUM COLUMN COVER INCL REVEALS OF EXIST COL

SEALANT TYP

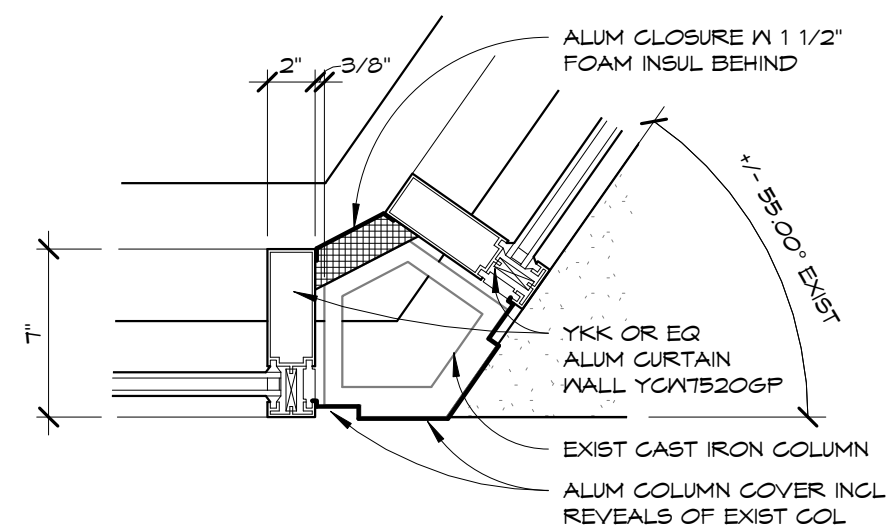
LP 3.5"X0.910" SMOOTH TRIM OVER 3/4" MDO PLYND ON TYVEK SLDS W/SPF OR EG

Diagram illustrating the installation of a fastener channel and studs in a wall assembly. The diagram shows a cross-section of a wall with various components labeled:

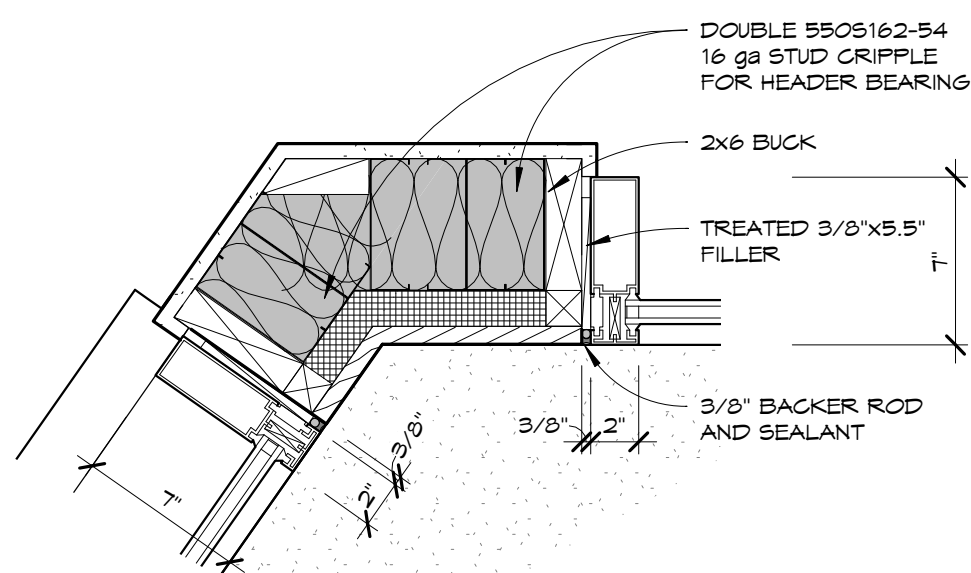
- EXTEND FLHG UP 1 1/2" AT TREATED 2x4
- 1ST FL CEILING 13'-6 1/2"
- 3/8" BACKER ROD AND SEALANT
- MTL FLHG W 3/8" STEP AT 2X2 AND 1/4" DRIP EDGE
- FASTEN STUD CHANNEL TO STUB IN #2 (1) SELF-DRILLING SCREWS (15 POINT) 18" OC AT EA STUD IN WALL CONST BELOW

② DETAIL AT BEAM
1 1/2" = 1'-0"

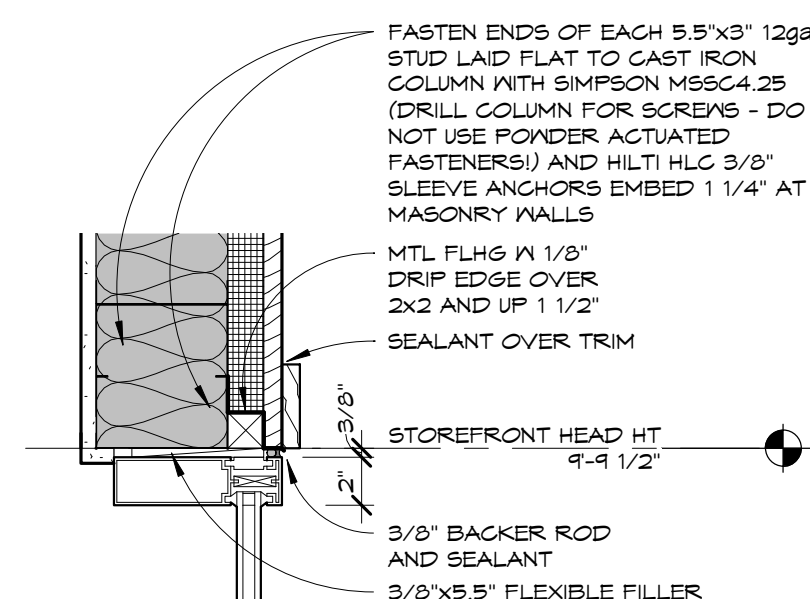
7 COLUMN AT SIGNBOARD
1 1/2" = 1'-0"



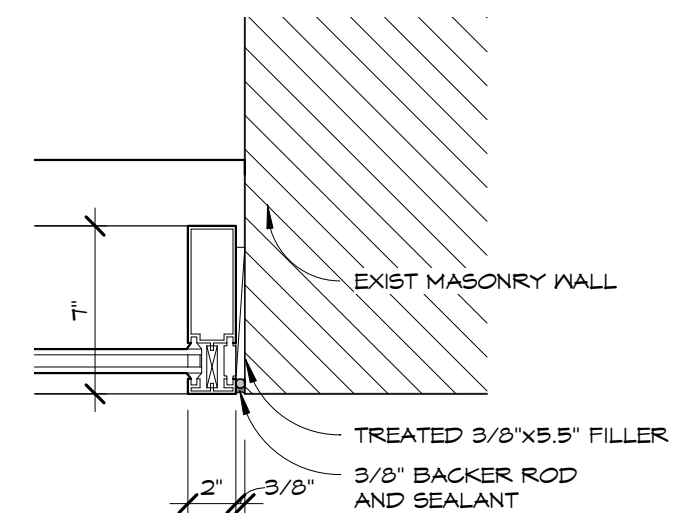
6 COLUMN DETAIL
1 1/2" = 1'-0"



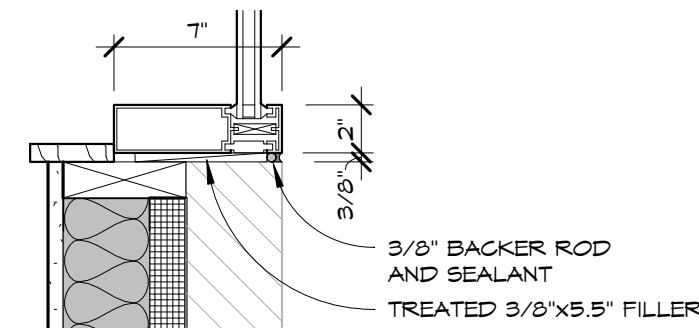
9 CORNER DETAIL



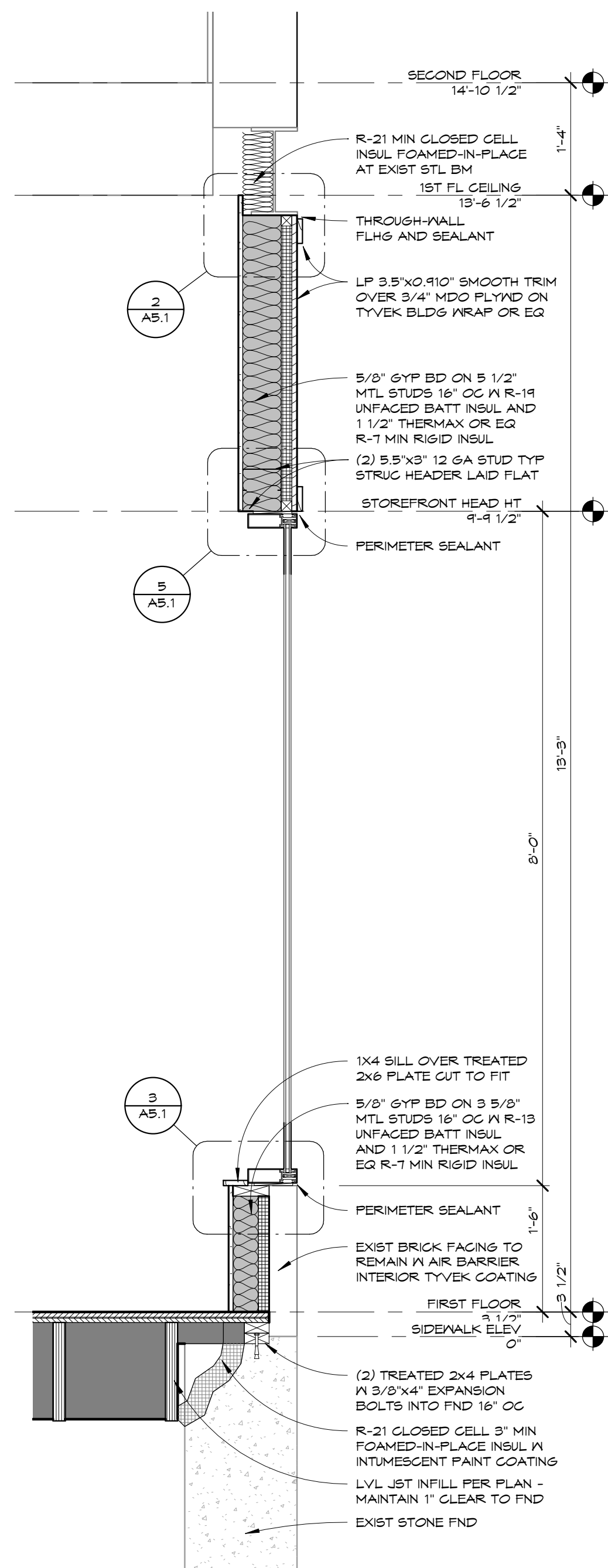
5 HEAD DETAIL
1 1/2" = 1'-0"



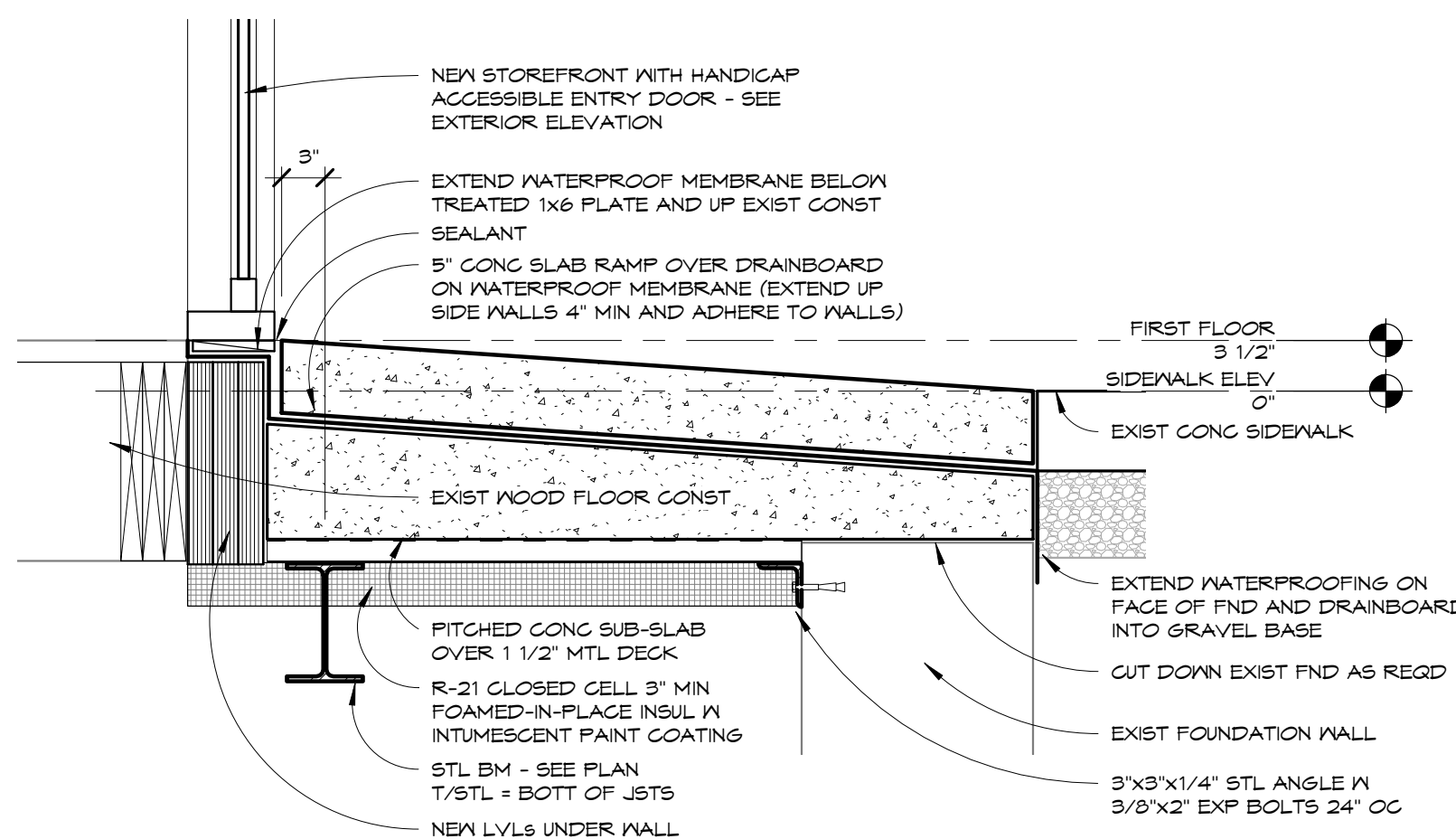
④ JAMB DETAIL
1 1/2" = 1'-0"



③ SILL DETAIL
1 1/2" = 1'-0"



1 FRONT WALL SECTION
3/4" = 1'-0"



8 FRONT RAMP SECTION
1" = 1'-0"

PHASE 1 BUILDING ALTERATIONS AT
107-109 E. MAIN STREET ST. CHARLES,
OWNER - THE CITY OF ST. CHARLES, ILLINOIS
CONTRACTOR - SCHRAMM CONSTRUCTION CORP
3520 SWENSON AVE, ST. CHARLES ILLINOIS 60174
630-584-1200

**ISSUED FOR
DESIGN REVIEW**

These plans were drawn by me
or under my direct supervision,
and to the best of my
knowledge comply with all
applicable building codes listed
(seal must be affixed for permit)

signed _____
license expires 11/30/2018
drawings _____
dated _____
Illinois Design Firm #184.006916

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REVISION SCHEDULE		
ID	DATE	DESCRIPTION

ISSUE DATE	8/29/2018
DRAWN BY	PRL
CHECKED BY	PRL
PROJECT NUMBER	18011

SECTIONS AND DETAILS

A5.1





