

ADDENDUM #1

May 14, 2020

TRANSMITTED VIA EMAIL: 18 pages

TO: ALL PLAN HOLDERS AND POTENTIAL BIDDERS
FROM: TIFFANY McCANTS, PURCHASING OFFICER
SUBJECT: ENKA MIDDLE SCHOOL RE-ROOF PHASE V

RFP# 17-20

The following specifications and drawings are hereby made a part of the original documents. Bidders shall acknowledge receipt of this addendum by notation in the space provided on the Proposal Form.

Addendum includes: Pre-Bid meeting notes and attendees with additional drawings from the architect.

Addendum #1

RFP# 17-20

Addendum #1

Pre-Bid Minutes

Enka Middle School Metal Retrofit Phase V

May 12, 2020

A. Introduce Participants:

a. Owner

- i. Tim Fierle**
- ii. Carol Fay**

b. Engineer

- i. Metal Roof Consultants**
 - 1. Chuck Howard, PE**
 - 2. Kent Childress**
 - 3. Brad Howard**

c. Contractors

- i. Bobby Driscoll, LaFave's Construction Co., Inc.**
- ii. Ben Bullock, Muter Construction Company, LLC**
- iii. Donnie Baker, Southern Metal Systems, Inc.**
- iv. Adan Merrill, WNC Roofing**
- v. Dan Peeper, Tecta America**
- vi. Dwayne Stroud, City Scape**

B. Description of project - Metal retrofit roof for the front portions of the Enka Middle School building. The specific descriptions of required work at these buildings is shown in the bid documents.

C. Plans and Specifications - Available 5/5/20 online from the owner per Tiffany McCants email dated 5/5/20. All contractors have received the plans and specifications.

- a. Plans date - 4/8/20**
- b. Specifications date - 5/5/20**

D. Bid Date - May 20, 2020 - *1:00 PM*

**E. Bid Delivery – Buncombe County Schools Central Office
175 Bingham Road
Asheville, NC 28806**

F. Contract to be issued in early June 2020 and work starts prior to July 1, 2020.

G. Review Specifications

- a. ASCE 7-10 instead of ASCE 7-16
- b. MRC can prepare engineered shop drawings (fee = \$4,500)
- c. Add a separate HVAC Allowance of \$10,000 for any work that will be necessary to address possible ducting and venting of the existing window louvers which will be under the new metal roof.
- d. Add a separate wall panel in the new wall behind the rear peak of the entrance ridge, allowing access into the new cavity by removing surface fasteners if necessary, without having to remove any flashing.
- e. The two (2) existing skylights will be removed, covered with a structural metal roof panel, and covered with rock wool insulation on all curb sides and over the new panel covering.
- f. Contractors can return to the roof area to gather further existing information is desired by contacting the front office of the school.
- g. The drawings for the front addition (lower roof) are attached for the contractor's use, but all information must be field verified by the contractor.
- h. Contractors were instructed to pay special attention to the two-envelope submittal of bids described
- i. Two envelope bid submittal:
 - i. This requirement is added to the "General Information on Submitting Proposals" section of the RFP as section 78615657.
 - ii. Bids will be opened utilizing a 2-envelope system as submitted by the proposing contractors. The outer envelope shall contain the contractor's Bonds with Power of Attorney, Subcontractor Form and MBE forms. The inner envelope shall contain the contractor's proposal form. The outer envelope will be opened first to determine if there appears to be a minimum of 3 bids that have acceptable Bonds, subcontractor form and MBE forms. Upon this determination, all proposals will be opened, and the proposal amounts read aloud in the public bid opening.

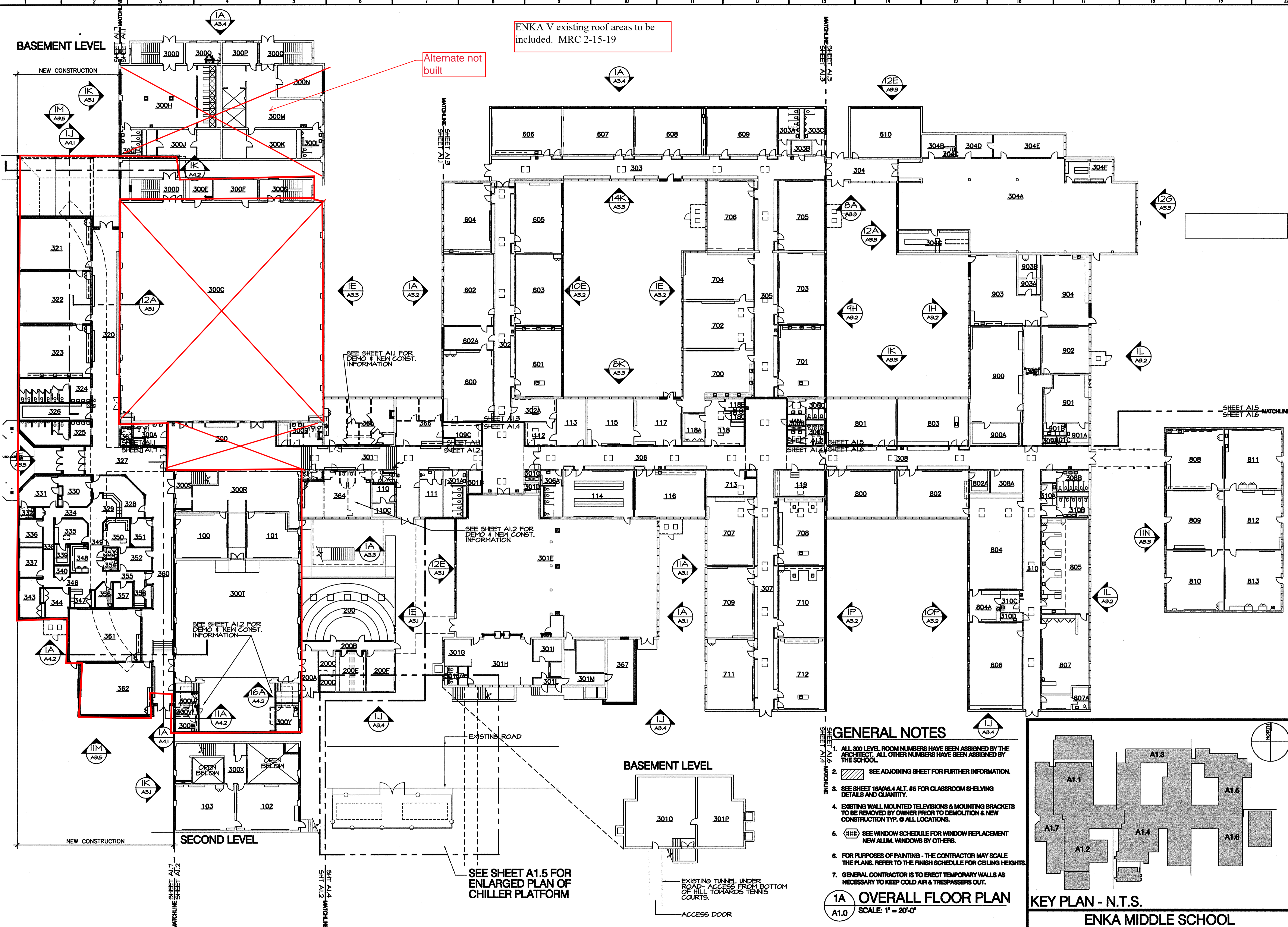
H. Review Drawings

- a. All contractors were in possession of the bid drawings and no questions were made concerning them.**
- b. The drawings are prepared to be printed on 24"x36" paper with the correct scale at $3/32" = 1'-0"$. Contractors to determine actual dimensions in field or use the dimensions shown on the bid drawings.**

I. Walk site with contractors

- a. No questions not answered above.**

These minutes constitute Addendum #1 for this project and must be acknowledged on the bid form. They will be considered part of the contract documents.



ENKA V existing roof areas to be included. MRC 2-15-19

Alternate not built

SEE SHEET A11 FOR DEMO & NEW CONST. INFORMATION

SEE SHEET A12 FOR DEMO & NEW CONST. INFORMATION

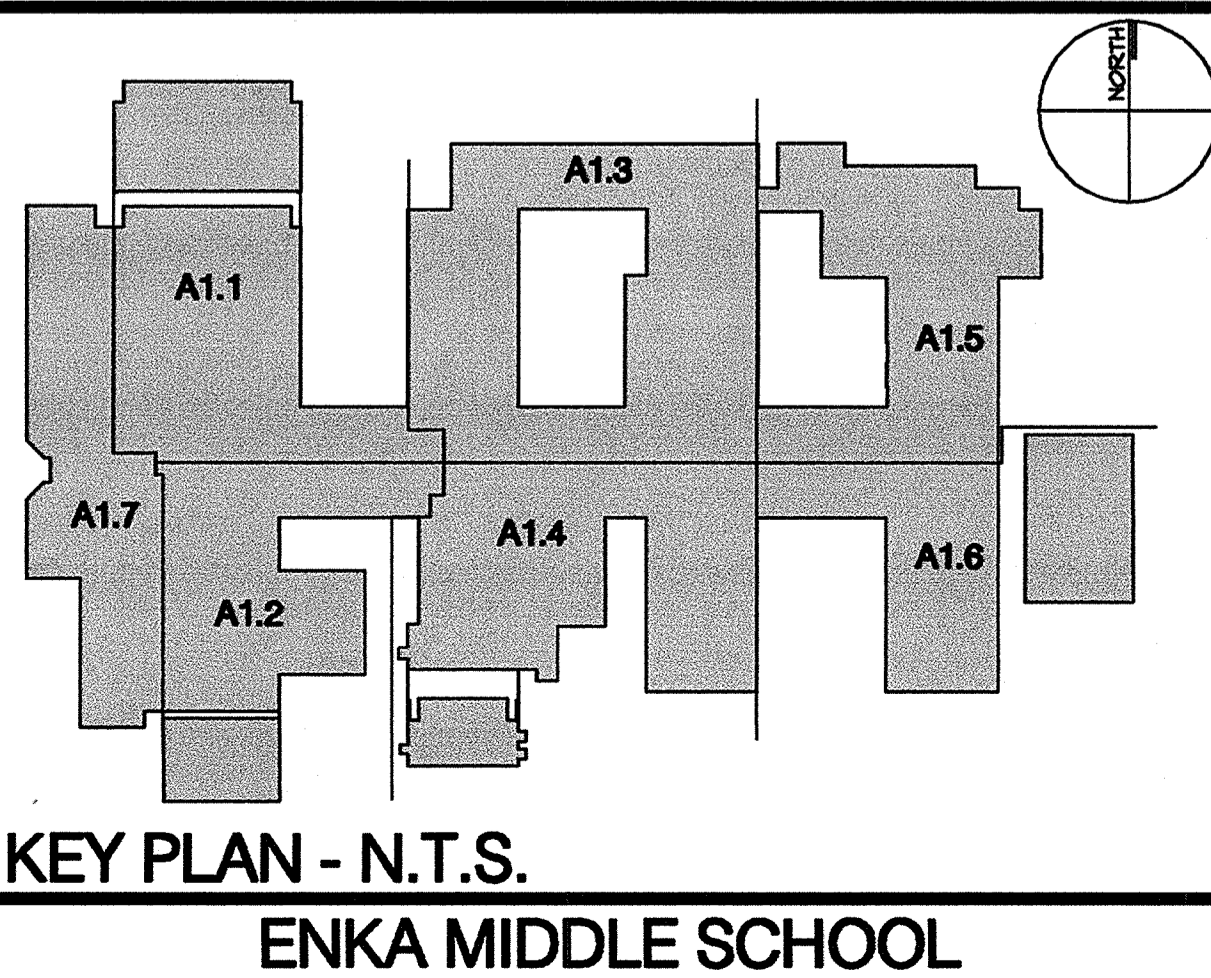
SEE SHEET A12 FOR DEMO & NEW CONST. INFORMATION

SEE SHEET A1.5 FOR ENLARGED PLAN OF CHILLER PLATFORM

GENERAL NOTES

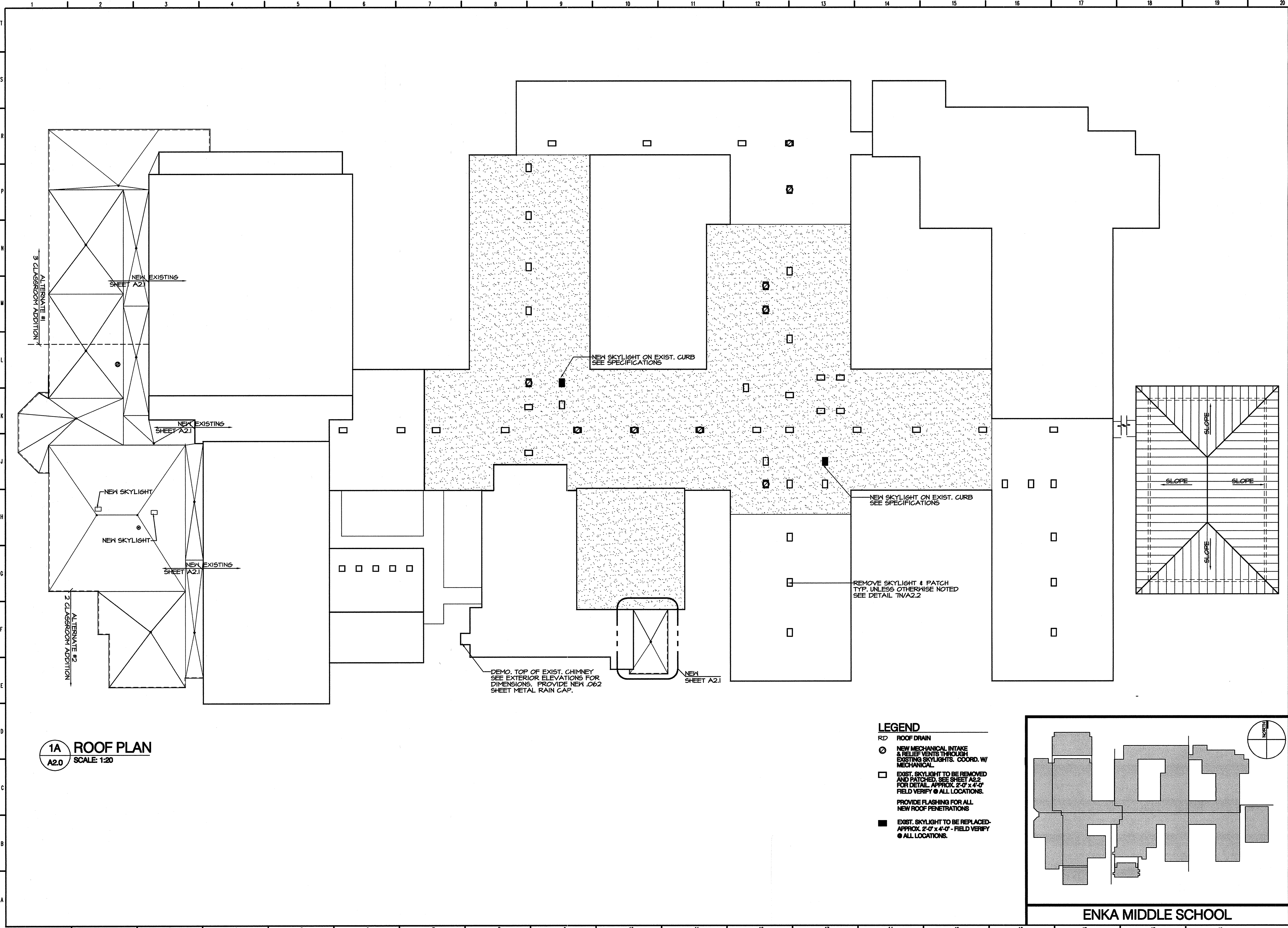
1. ALL 900 LEVEL ROOM NUMBERS HAVE BEEN ASSIGNED BY THE ARCHITECT. ALL OTHER NUMBERS HAVE BEEN ASSIGNED BY THE SCHOOL.
2. SEE ADJOINING SHEET FOR FURTHER INFORMATION.
3. SEE SHEET 16A/A6.4 ALT. #6 FOR CLASSROOM SHELVING DETAILS AND QUANTITY.
4. EXISTING WALL MOUNTED TELEVISIONS & MOUNTING BRACKETS TO BE REMOVED BY OWNER PRIOR TO DEMOLITION & NEW CONSTRUCTION TYP. @ ALL LOCATIONS.
5. (###) SEE WINDOW SCHEDULE FOR WINDOW REPLACEMENT NEW ALUM. WINDOWS BY OTHERS.
6. FOR PURPOSES OF PAINTING - THE CONTRACTOR MAY SCALE THE PLANS. REFER TO THE FINISH SCHEDULE FOR CEILING HEIGHTS.
7. GENERAL CONTRACTOR IS TO ERECT TEMPORARY WALLS AS NECESSARY TO KEEP COLD AIR & TRESPASSERS OUT.

1A OVERALL FLOOR PLAN
A1.0 SCALE: 1" = 20'-0"



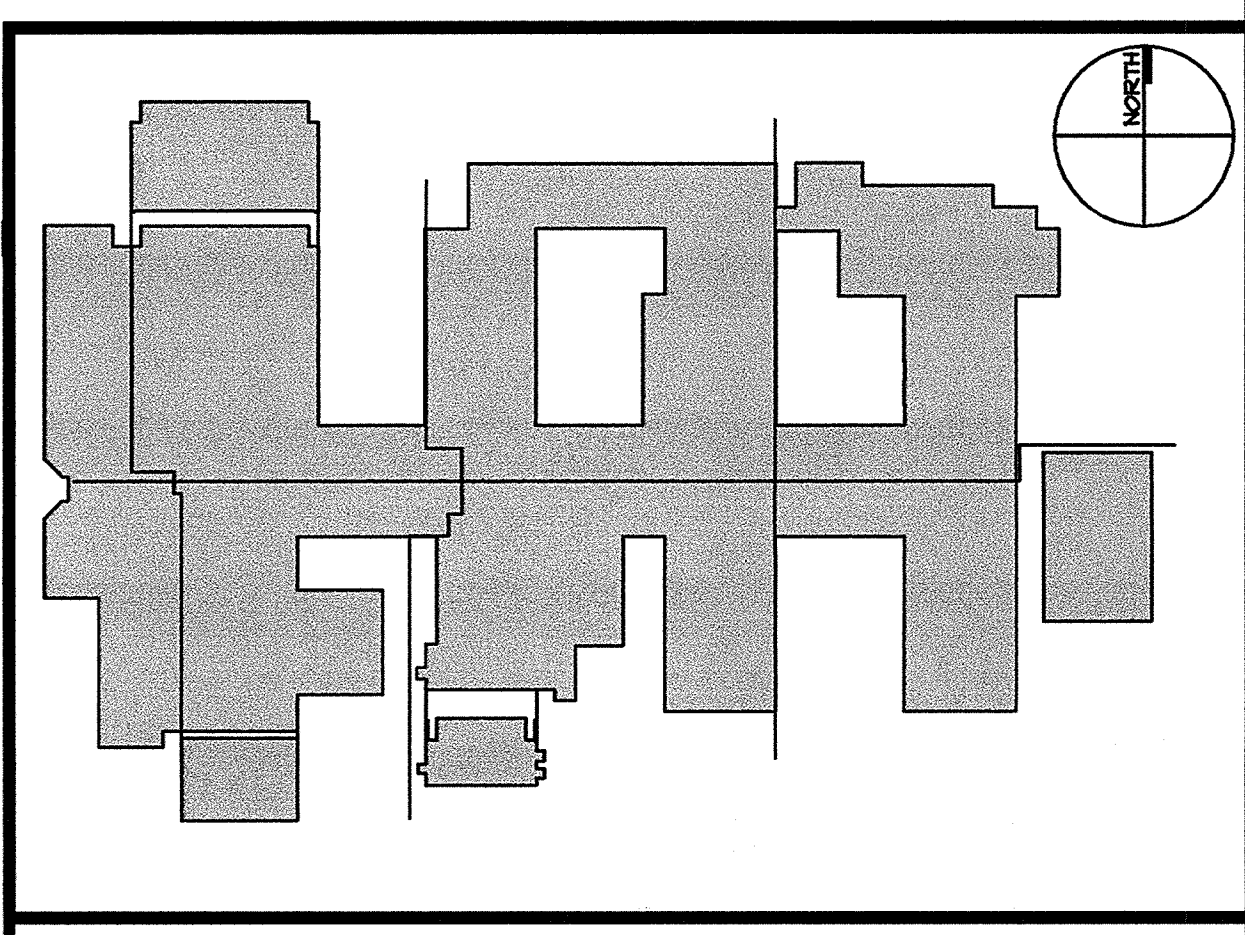
KEY PLAN - N.T.S.
ENKA MIDDLE SCHOOL

Date	
REVISIONS/SUBMISSIONS	
No.	
Designed B.E.W.	168 PATTON AVENUE
Drawn B.E.W.	ASHEVILLE, NC 28801
Checked B.E.W.	828 / 236-9892
Reviewed B.E.W.	facsimile: 828 / 236-9896
Scale AS NOTED	
Date	DECEMBER 18, 2000
BOWERS, ELLIS & WATSON ARCHITECTS, P.A.	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS	
ENKA MIDDLE SCHOOL	
Drawing Title	OVERALL FLOOR PLAN
Drawing No.	A1.0
4 OF 51	



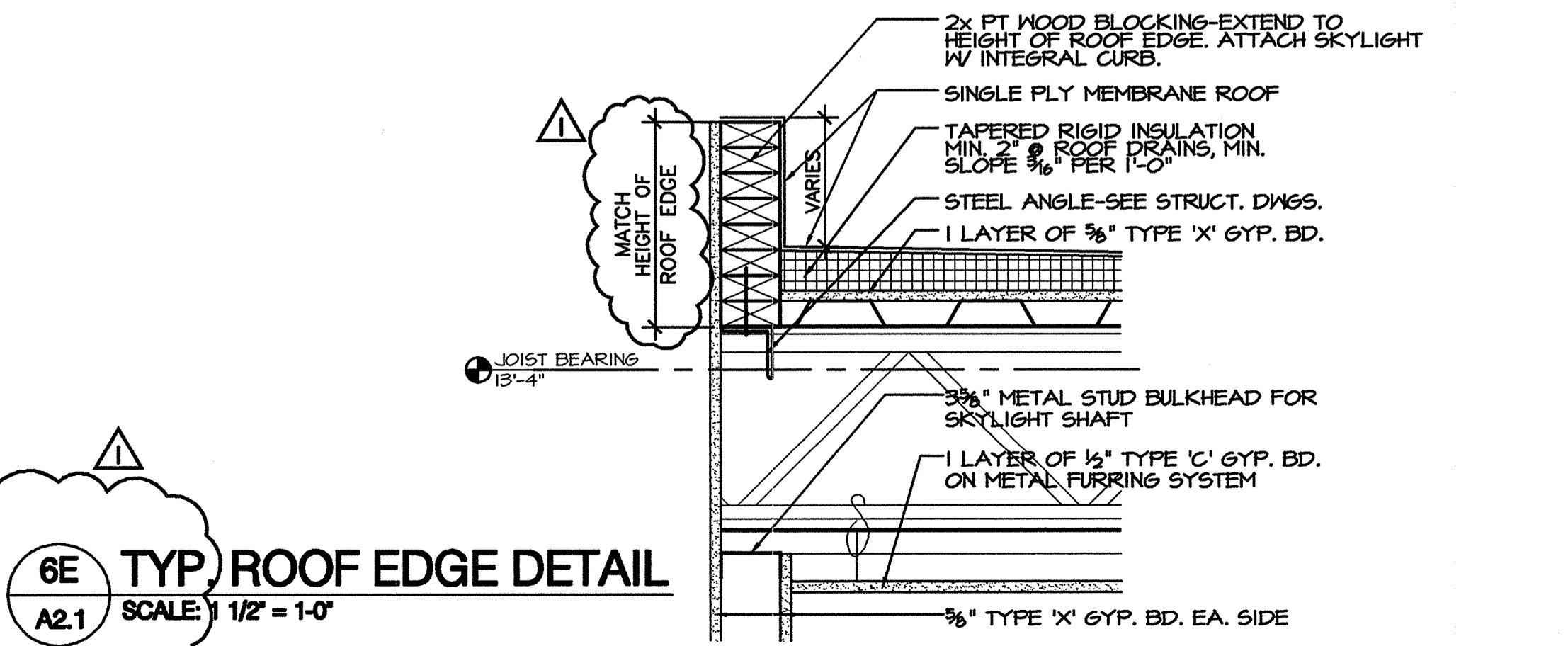
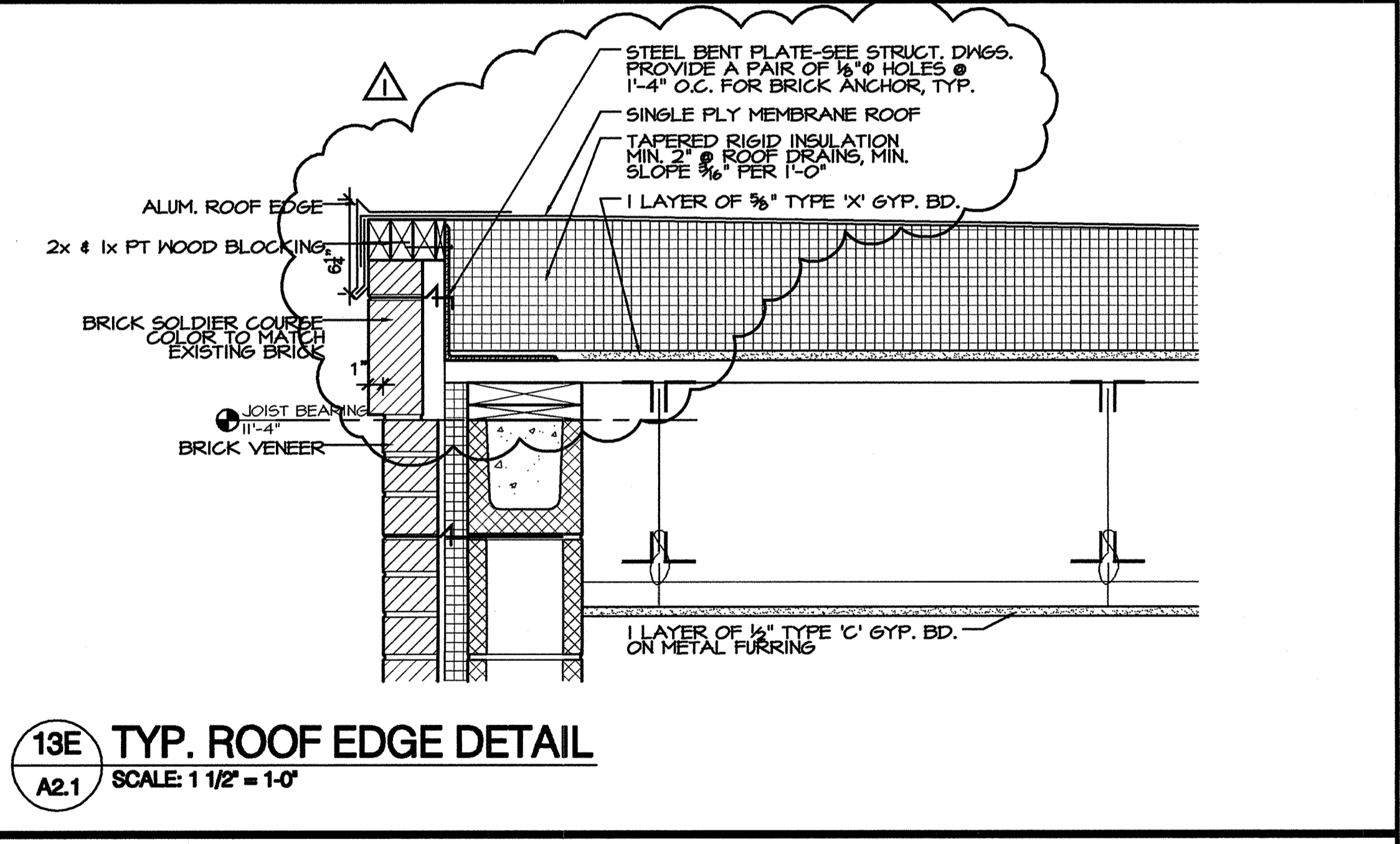
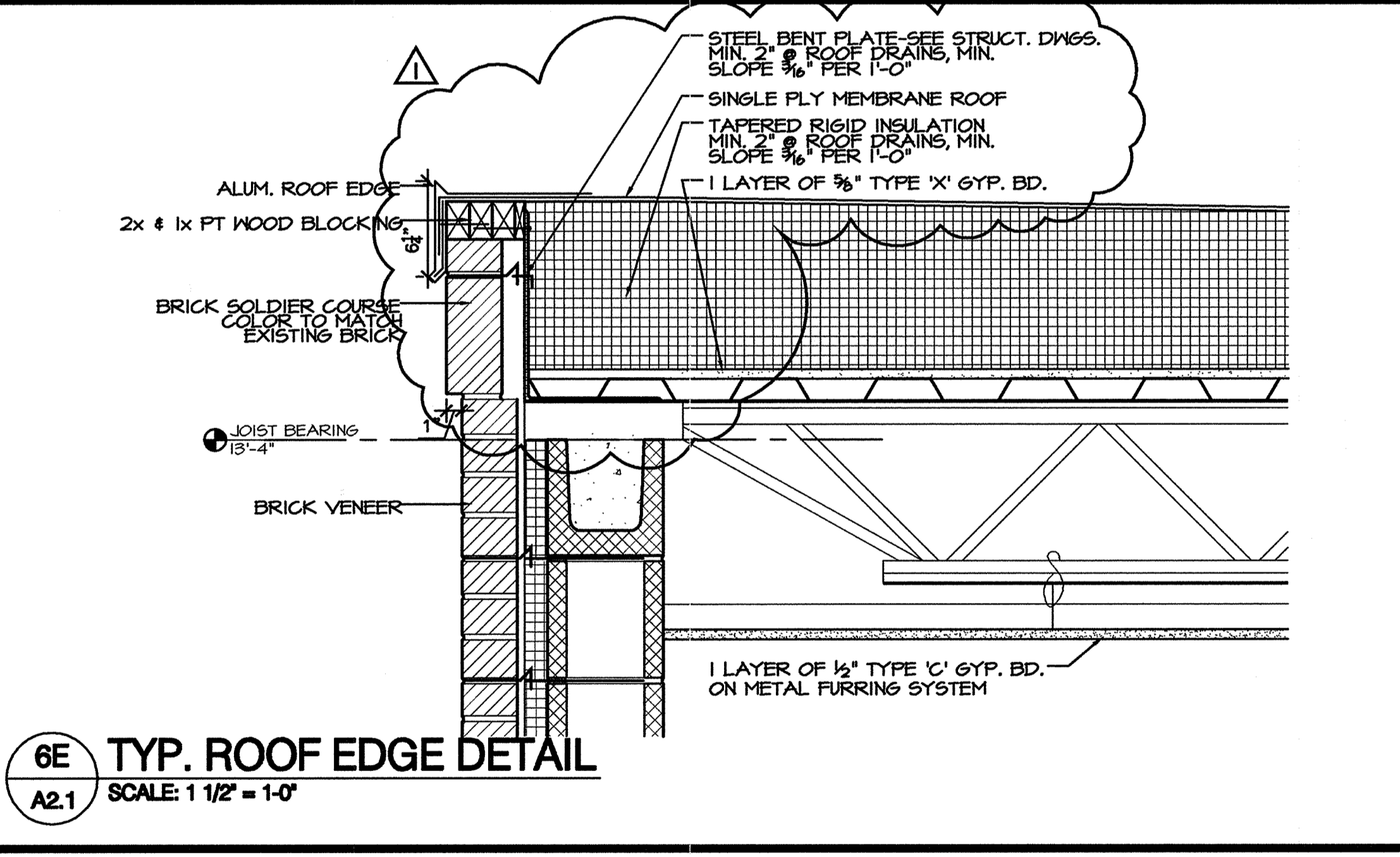
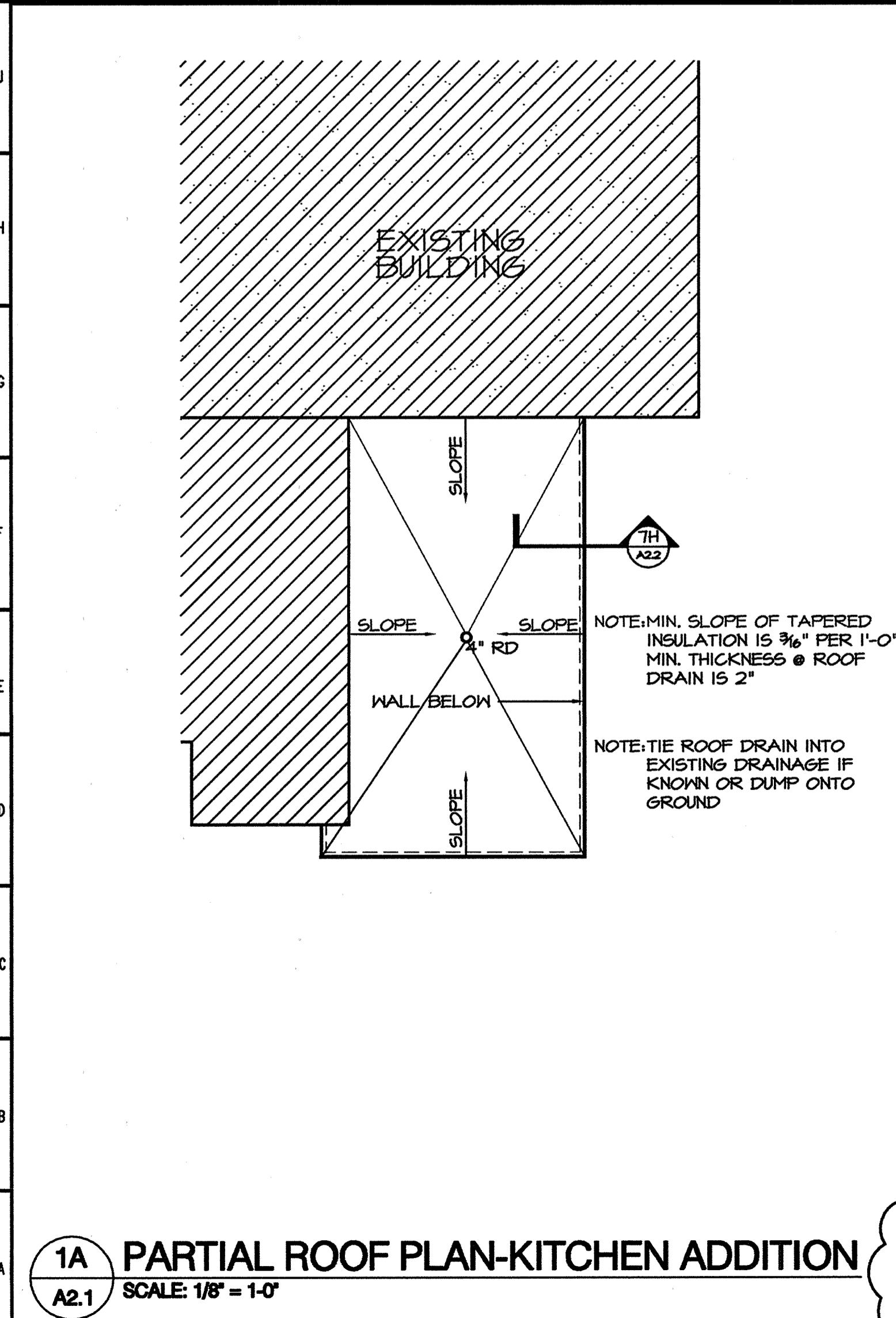
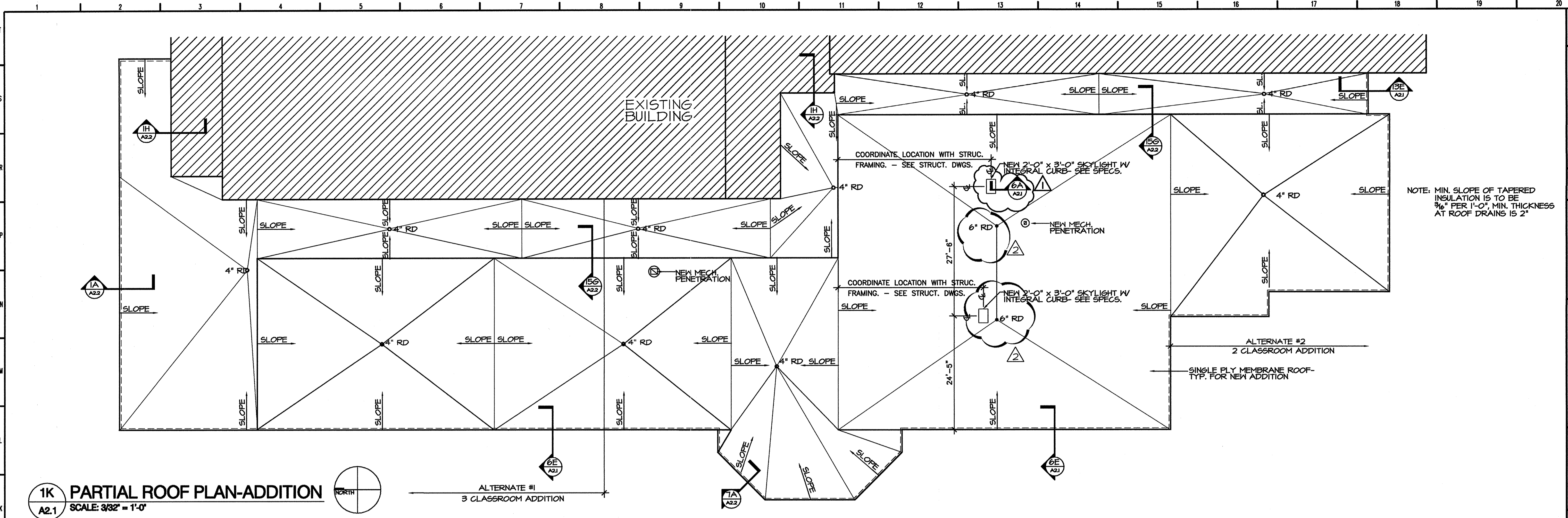
1A ROOF PLAN
A2.0 SCALE: 1:20

- LEGEND**
- RD ROOF DRAIN
 - ⊗ NEW MECHANICAL INTAKE & RELIEF VENTS THROUGH EXISTING SKYLIGHTS. COORD. W/ MECHANICAL.
 - EXIST. SKYLIGHT TO BE REMOVED AND PATCHED. SEE SHEET A2.2 FOR DETAIL. APPROX. 2'-0" x 4'-0" FIELD VERIFY @ ALL LOCATIONS.
PROVIDE FLASHING FOR ALL NEW ROOF PENETRATIONS
 - EXIST. SKYLIGHT TO BE REPLACED. APPROX. 2'-0" x 4'-0" - FIELD VERIFY @ ALL LOCATIONS.



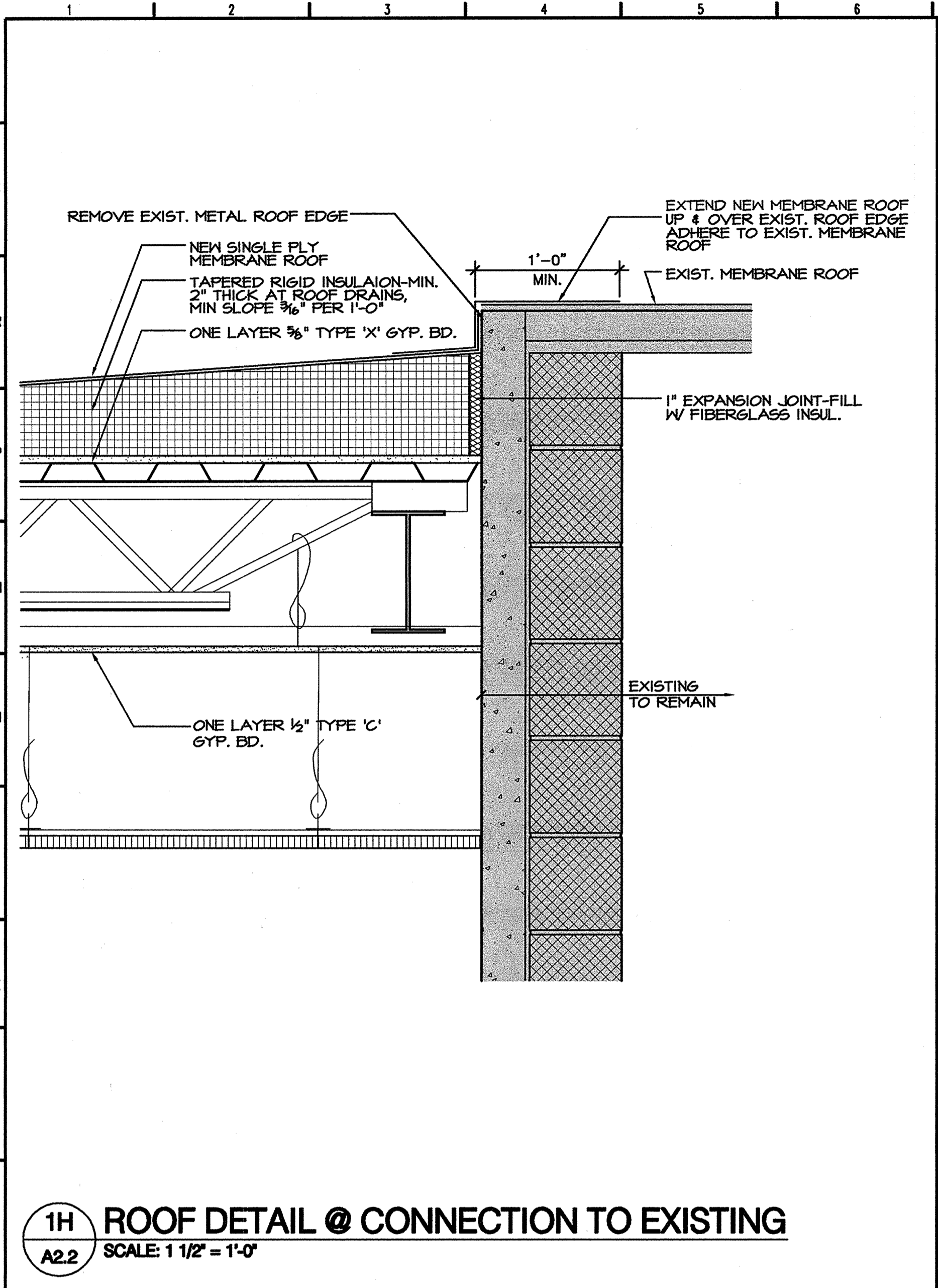
ENKA MIDDLE SCHOOL

Date	
REVISIONS/SUBMISSIONS	
No.	
Designed: B.E.W. Drawn: B.E.W. Checked: B.E.W. Reviewed: B.E.W. Scale: AS NOTED Date: DECEMBER 18, 2000	
168 PATTON AVENUE ASHEVILLE, NC 28801 828 / 236-9892 facsimile: 828 / 236-9896	
BOWERS ELLIS & WATSON ARCHITECTS/PA	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS ENKA MIDDLE SCHOOL	
Drawing Title	OVERALL ROOF PLAN
Drawing No.	A2.0
	16 OF 51

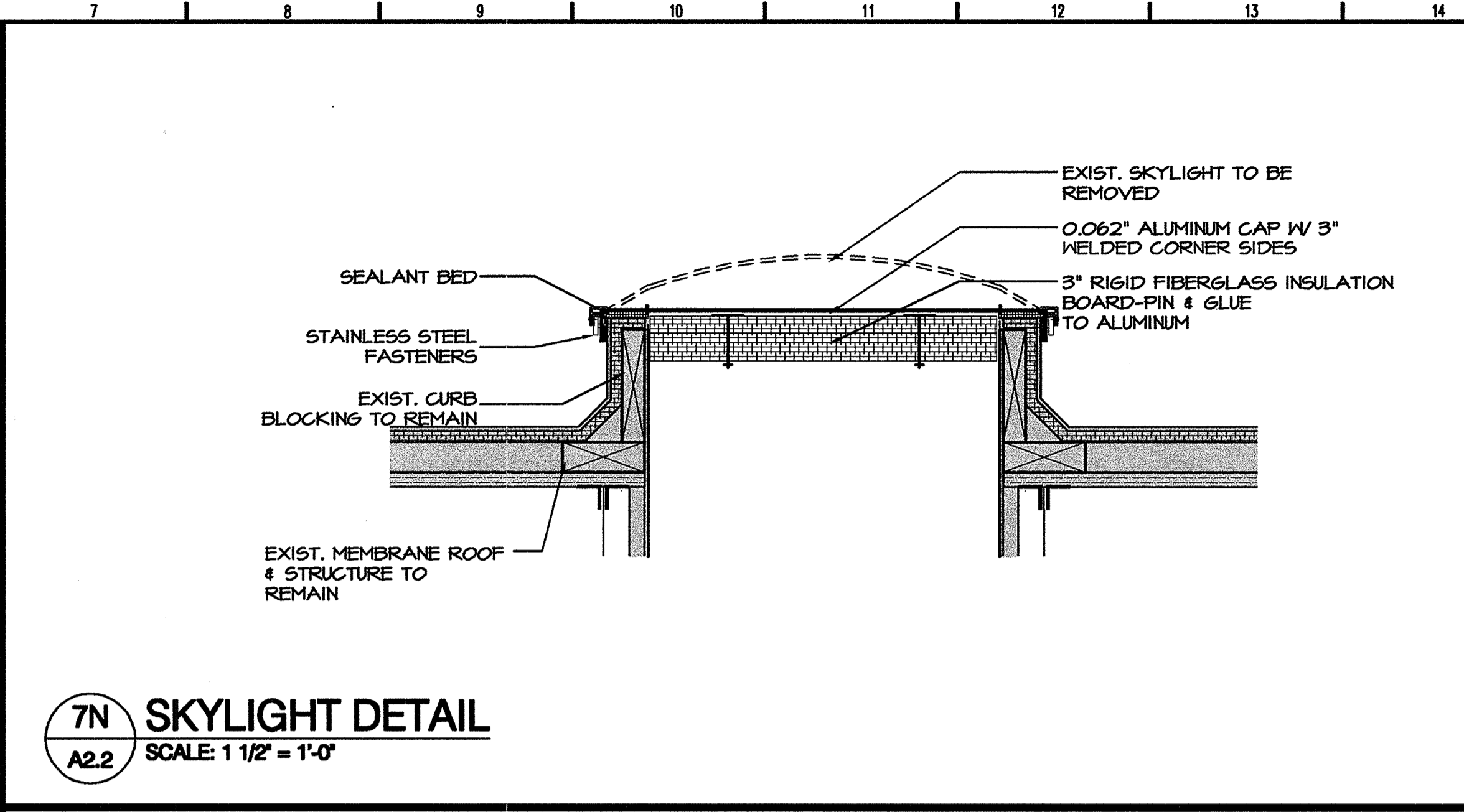


Date	01/17/01
REVISIONS/SUBMISSIONS	
No.	
APPENDIX #1	AS-BUILT'S
Designed	B.E.W.
Drawn	B.E.W.
Checked	B.E.W.
Reviewed	B.E.W.
Scale	AS NOTED
Date	DECEMBER 18, 2000
168 PATTON AVENUE ASHEVILLE, NC 28801 828 / 236-9892 facsimile: 828 / 236-9896	
BOWERS ELLIS & WATSON ARCHITECTS/PA	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS ENKA MIDDLE SCHOOL	
Drawing Title: PARTIAL ROOF PLANS Drawing No.: A2.1	
17 OF 51	

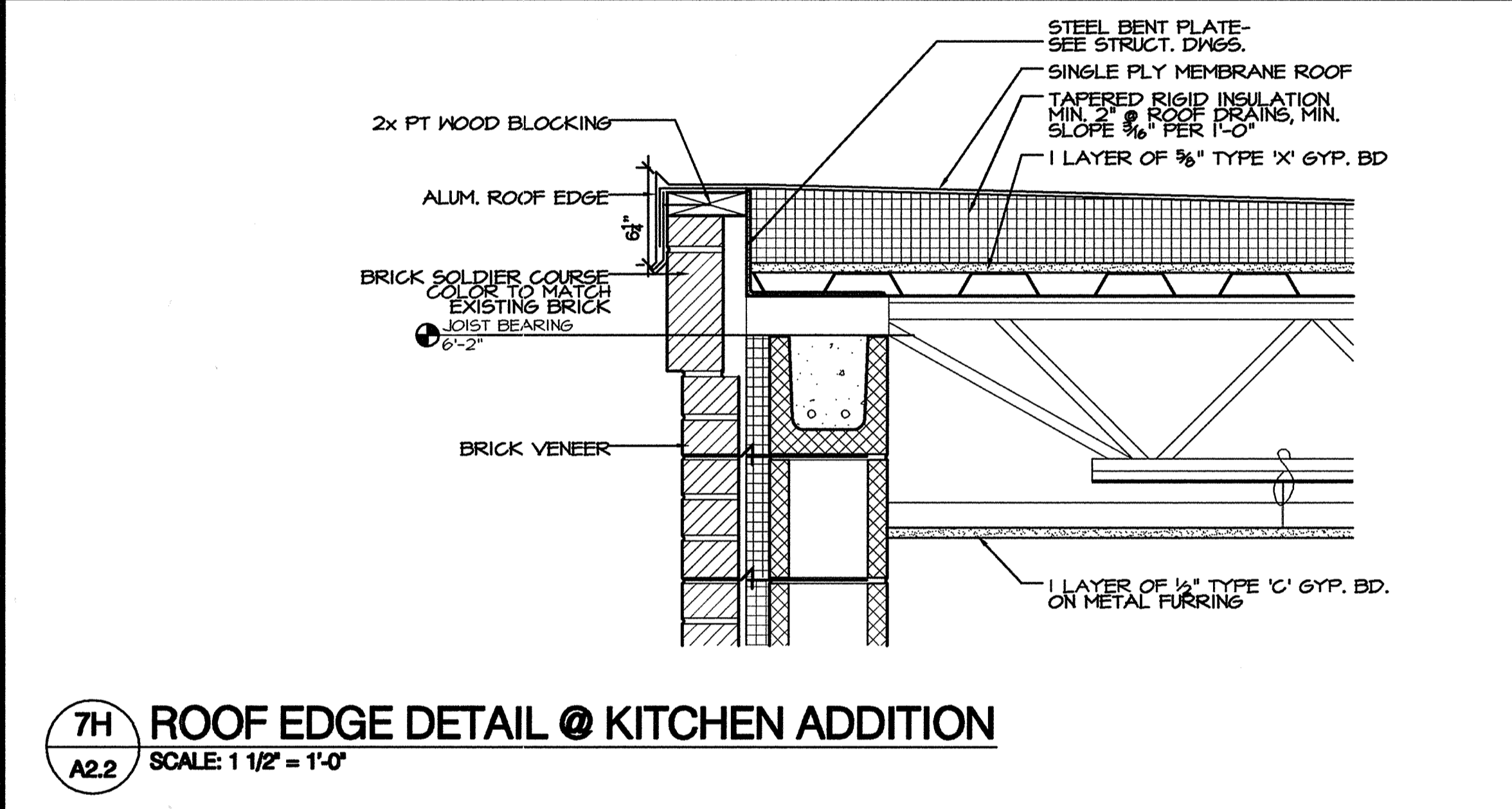
ENKA MIDDLE SCHOOL



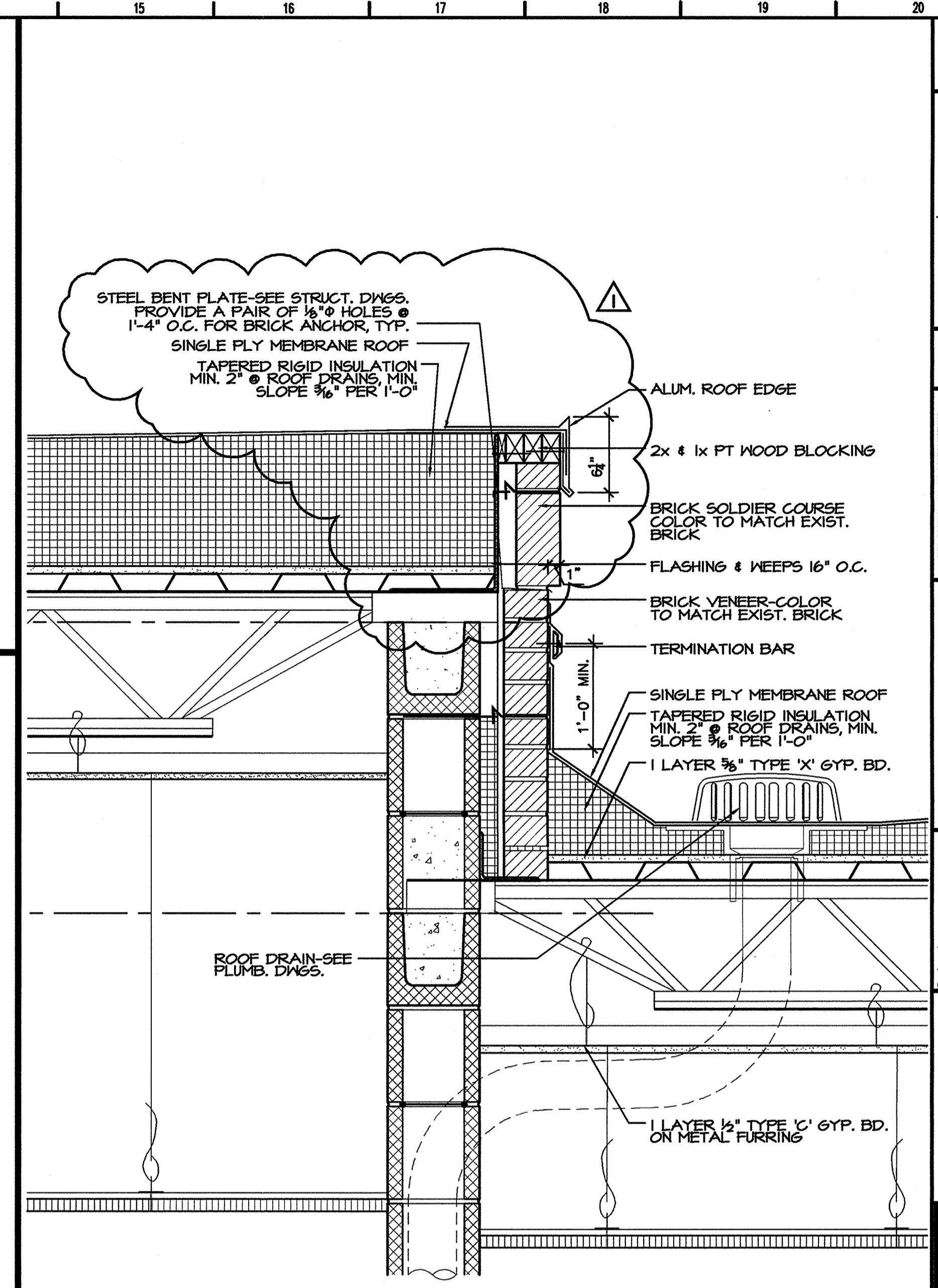
1H ROOF DETAIL @ CONNECTION TO EXISTING
 A2.2 SCALE: 1 1/2" = 1'-0"



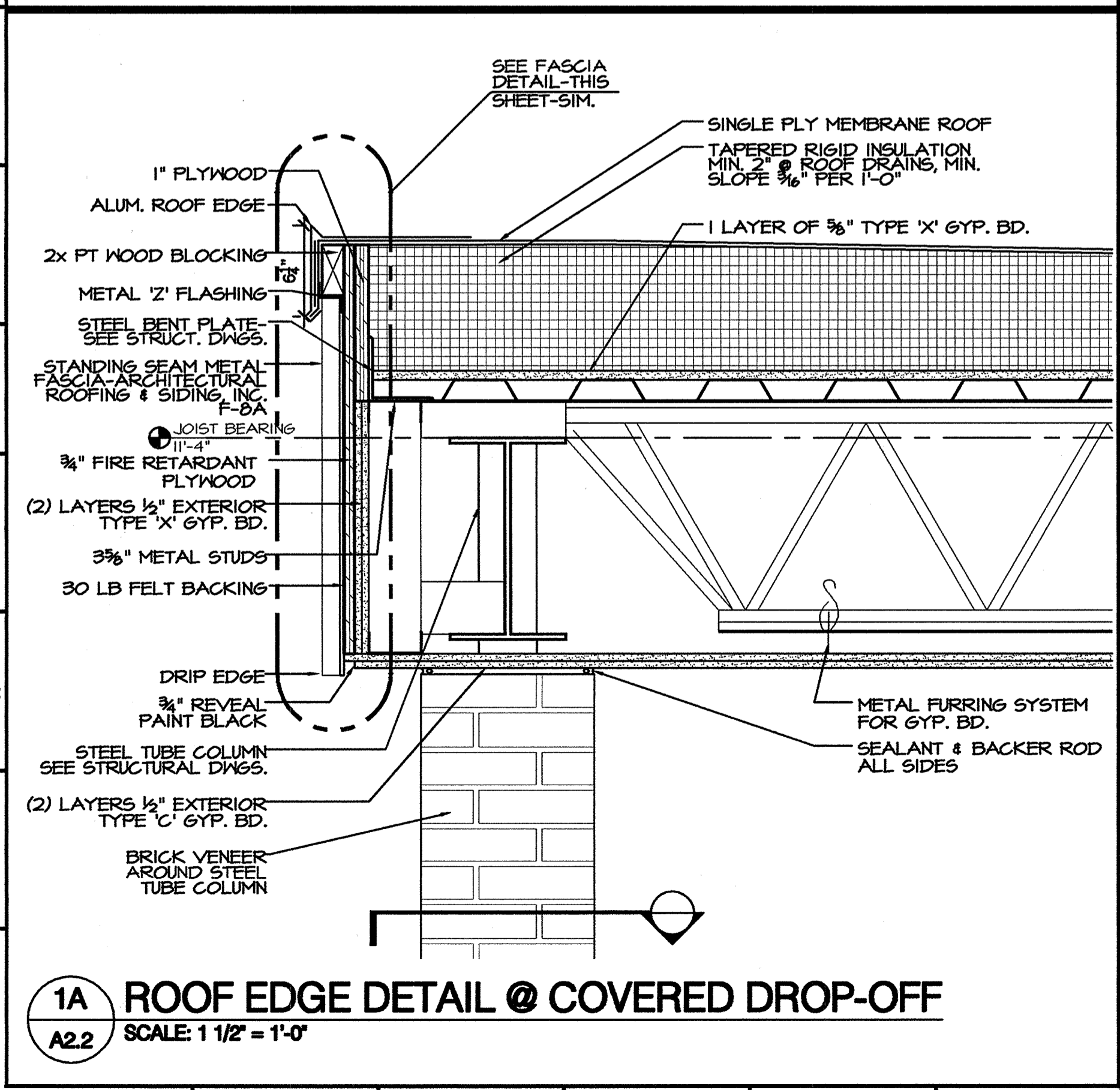
7N SKYLIGHT DETAIL
 A2.2 SCALE: 1 1/2" = 1'-0"



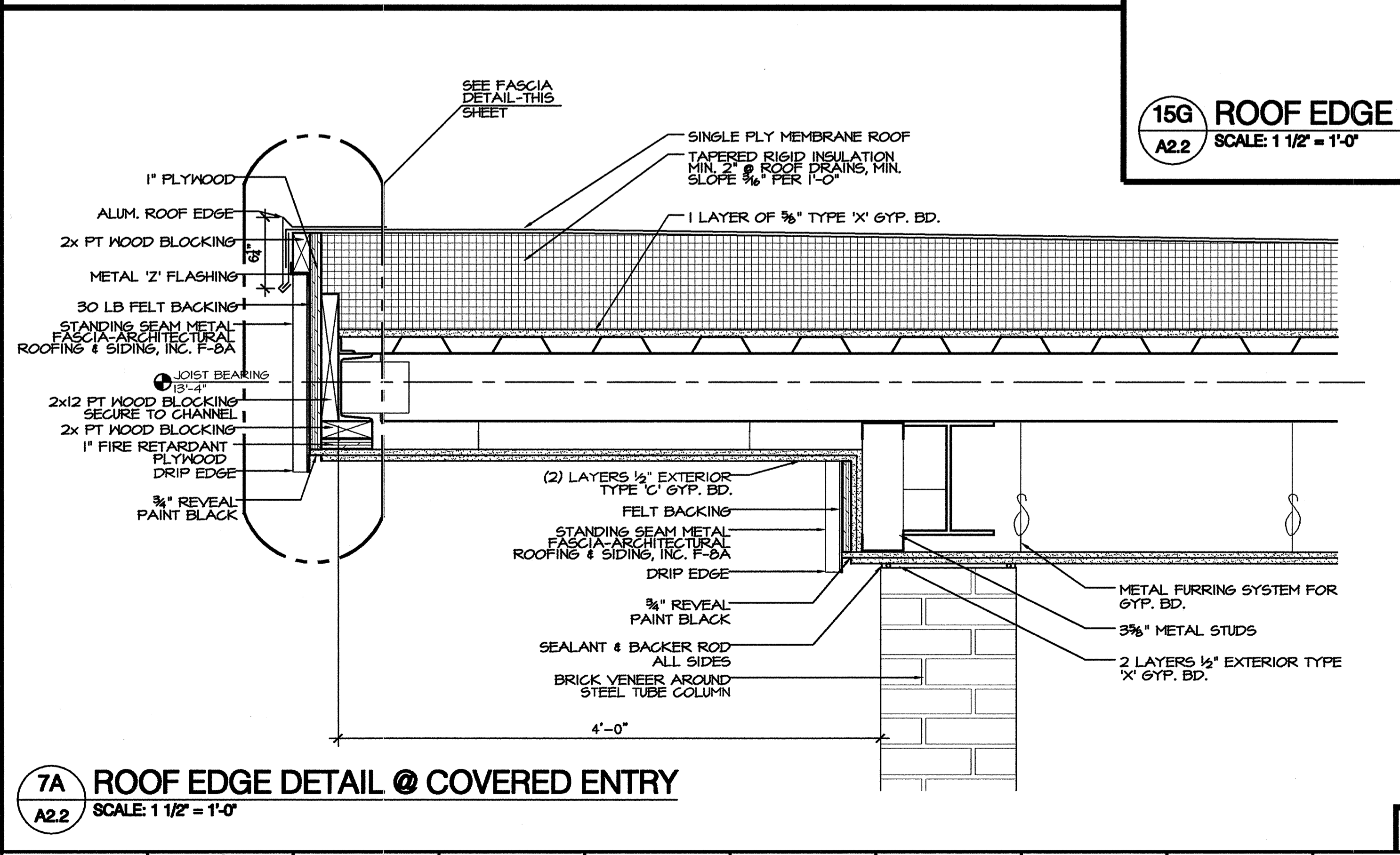
7H ROOF EDGE DETAIL @ KITCHEN ADDITION
 A2.2 SCALE: 1 1/2" = 1'-0"



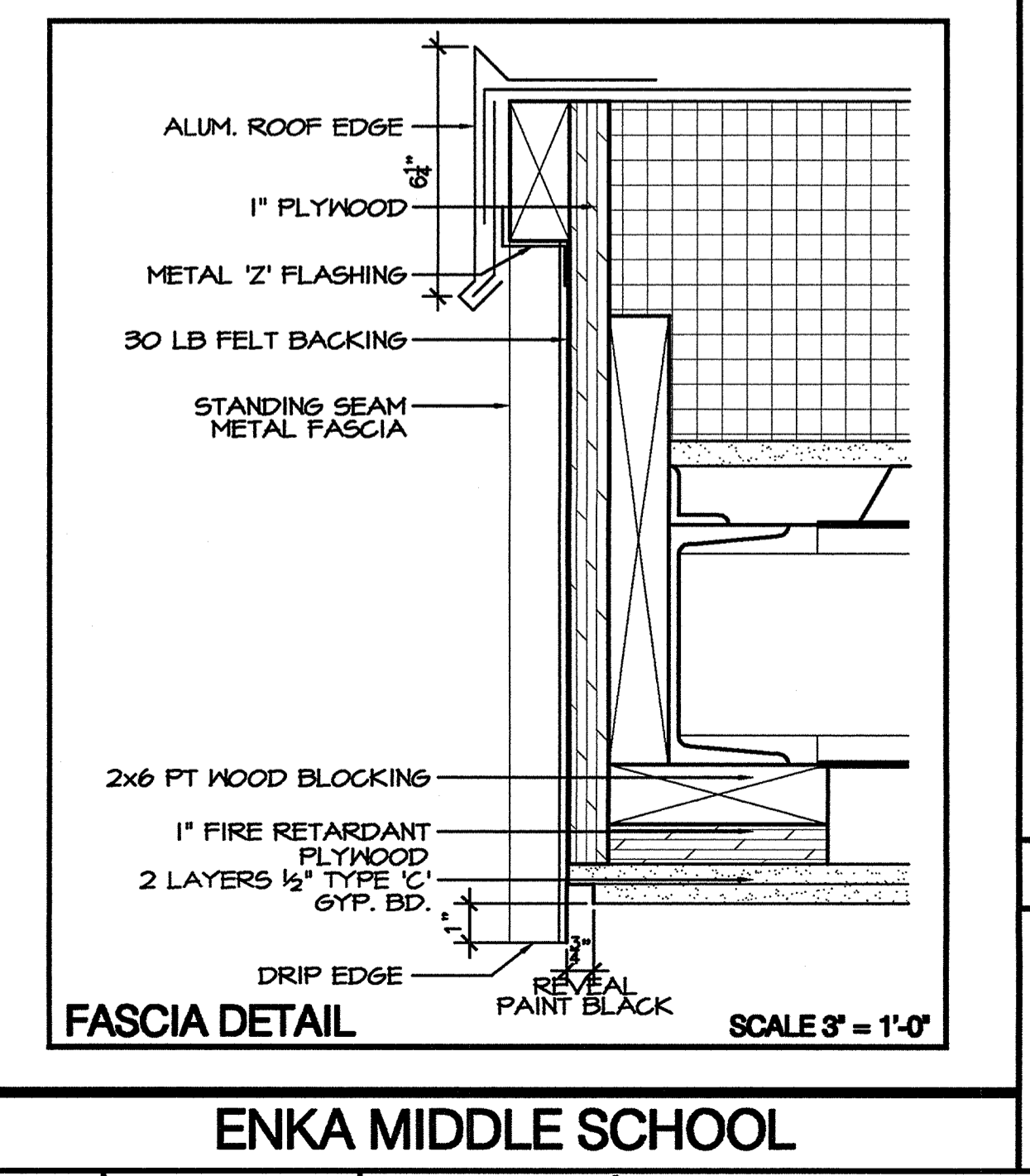
15G ROOF EDGE DETAIL
 A2.2 SCALE: 1 1/2" = 1'-0"



1A ROOF EDGE DETAIL @ COVERED DROP-OFF
 A2.2 SCALE: 1 1/2" = 1'-0"

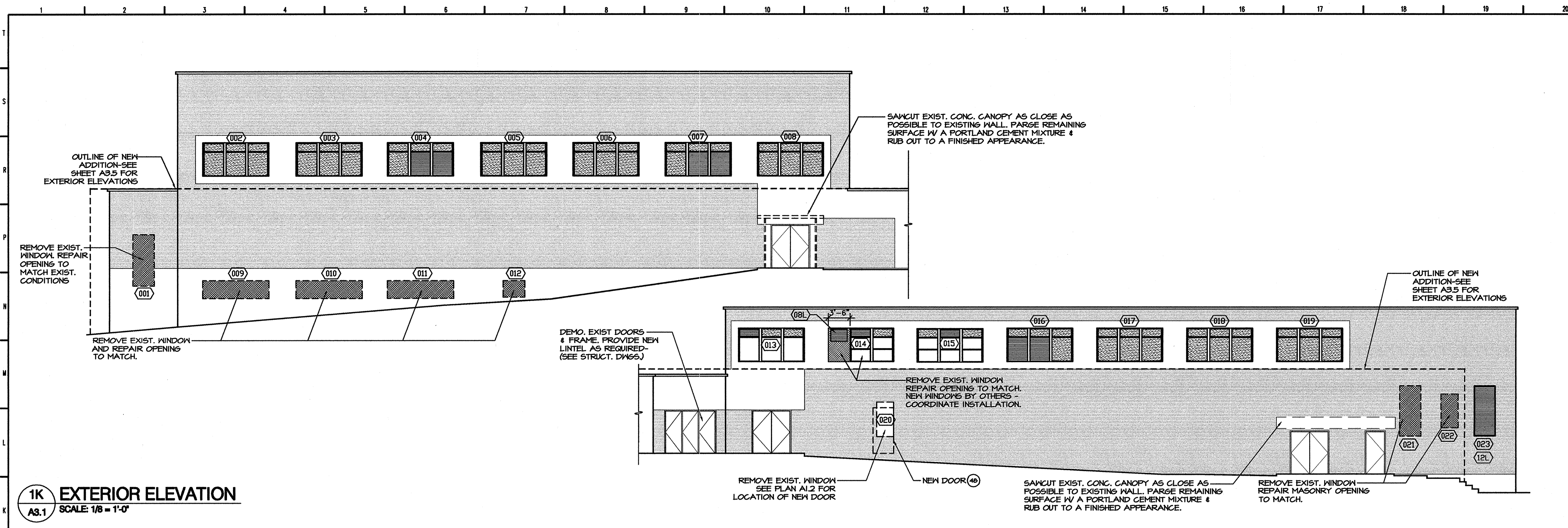


7A ROOF EDGE DETAIL @ COVERED ENTRY
 A2.2 SCALE: 1 1/2" = 1'-0"

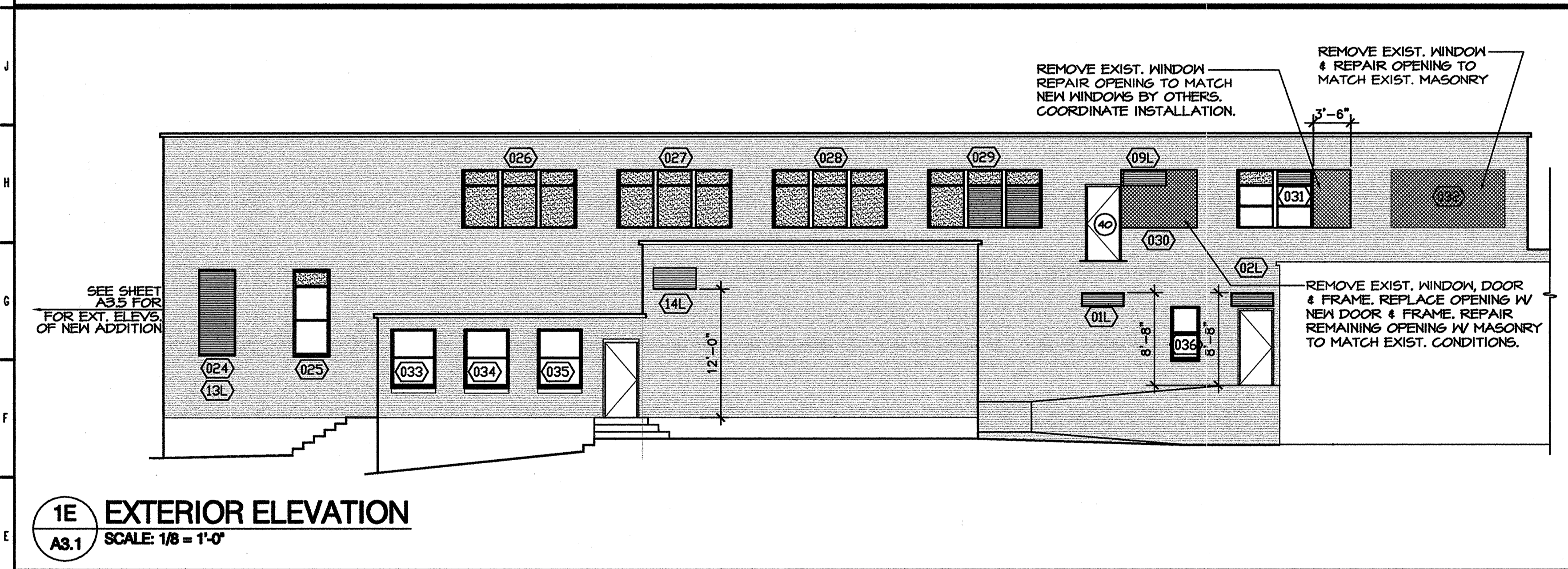


FASCIA DETAIL
 SCALE 3" = 1'-0"

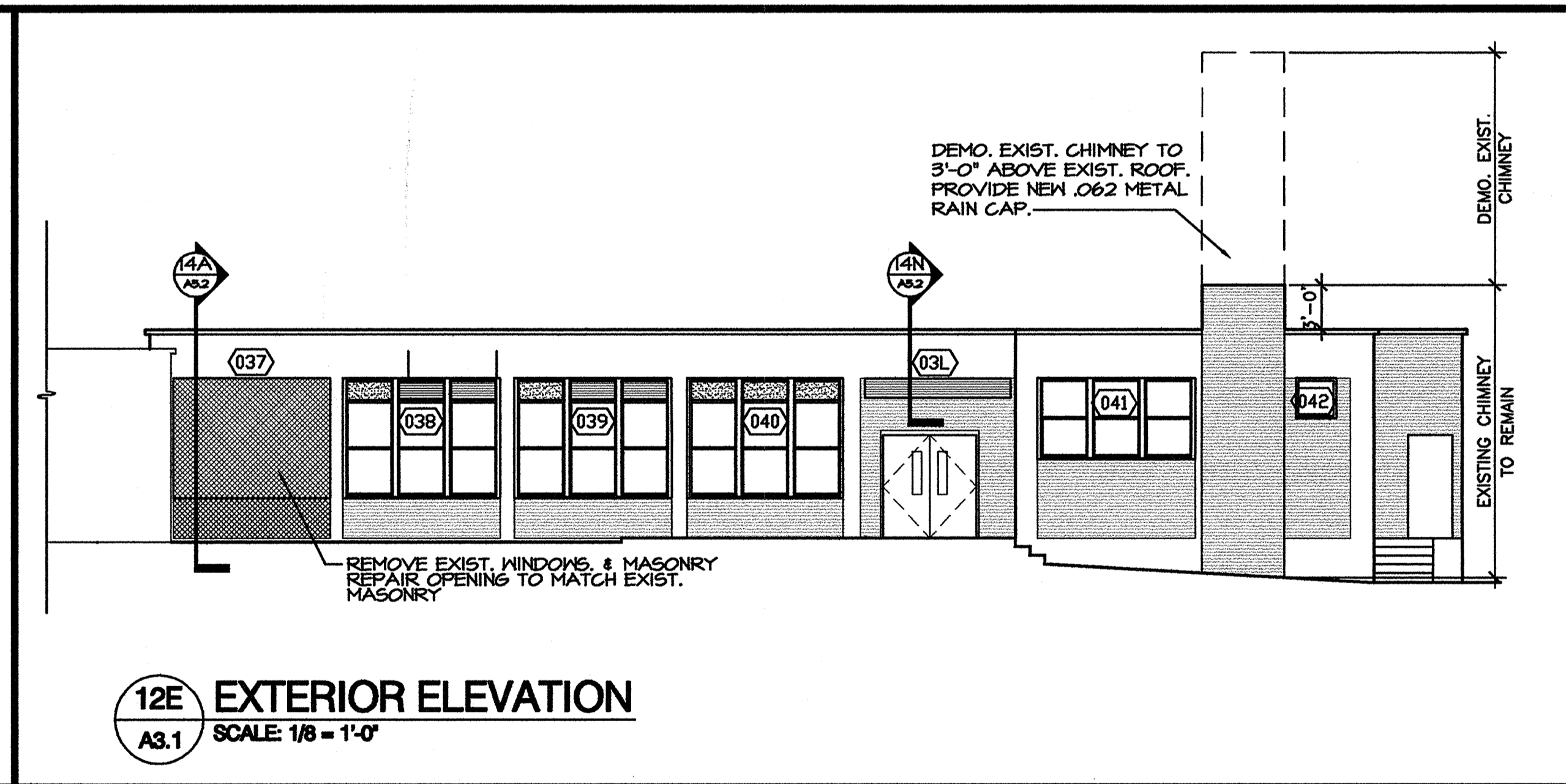
Date	01/17/01
REVISIONS/SUBMISSIONS	
ADDENDUM #1	
No.	
DESIGNED BY	B.E.W.
DRAWN BY	B.E.W.
CHECKED BY	B.E.W.
REVIEWED BY	B.E.W.
SCALE	AS NOTED
DATE	DECEMBER 18, 2000
168 PATTON AVENUE ASHVILLE, NC 28801	828 / 236-9992
BOWERS ELLIS & WATSON ARCHITECTS, P.A. 5766 828 / 236-9996	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS ENKA MIDDLE SCHOOL	
Drawing Title	ROOF DETAILS
Drawing No.	A2.2
18 OF 51	



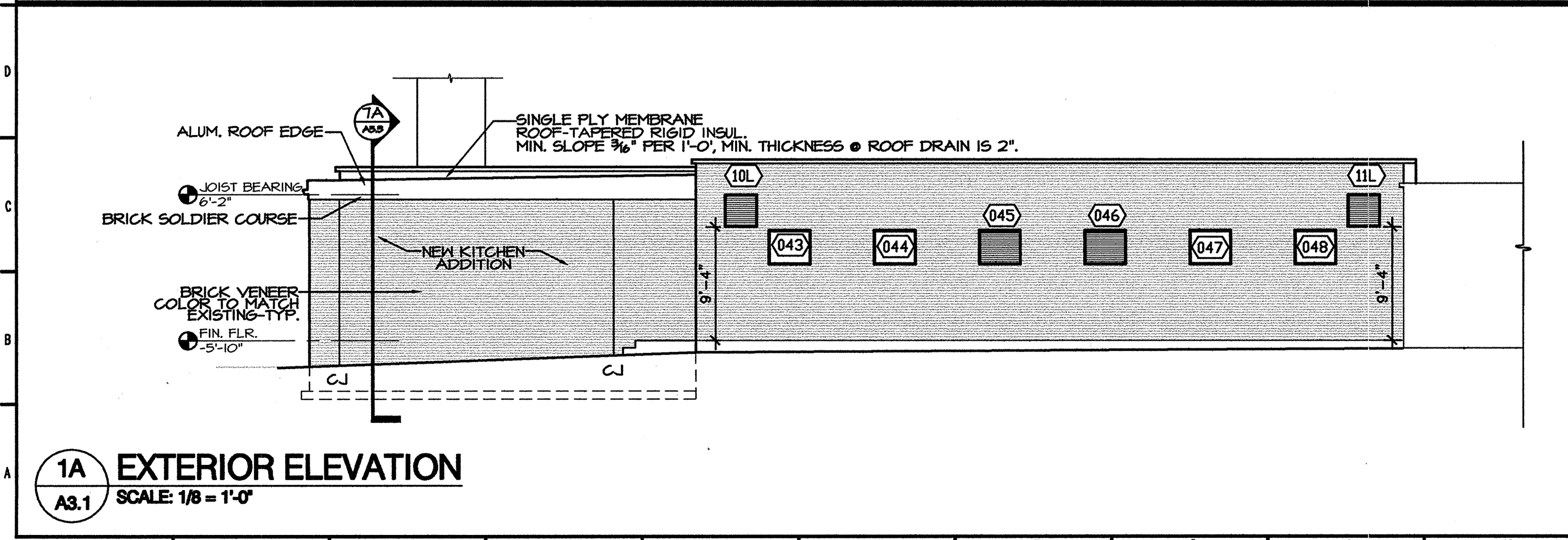
1K EXTERIOR ELEVATION
A3.1 SCALE: 1/8" = 1'-0"



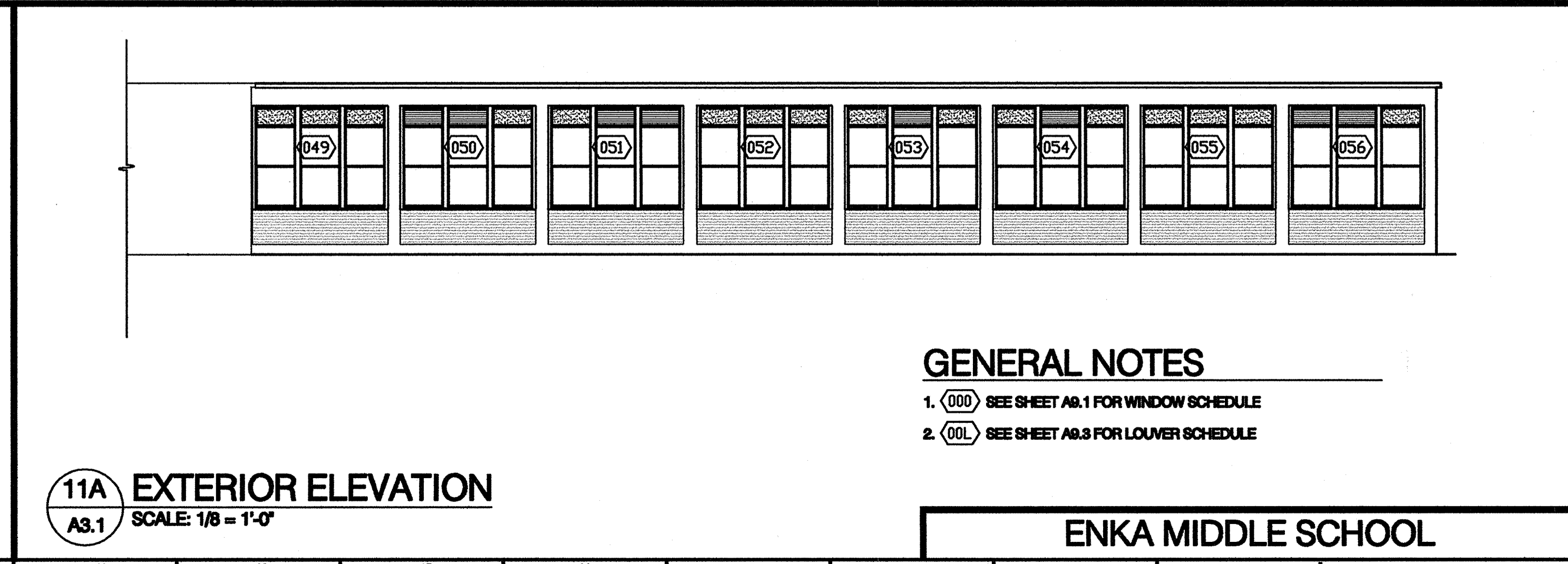
1E EXTERIOR ELEVATION
A3.1 SCALE: 1/8" = 1'-0"



12E EXTERIOR ELEVATION
A3.1 SCALE: 1/8" = 1'-0"



1A EXTERIOR ELEVATION
A3.1 SCALE: 1/8" = 1'-0"

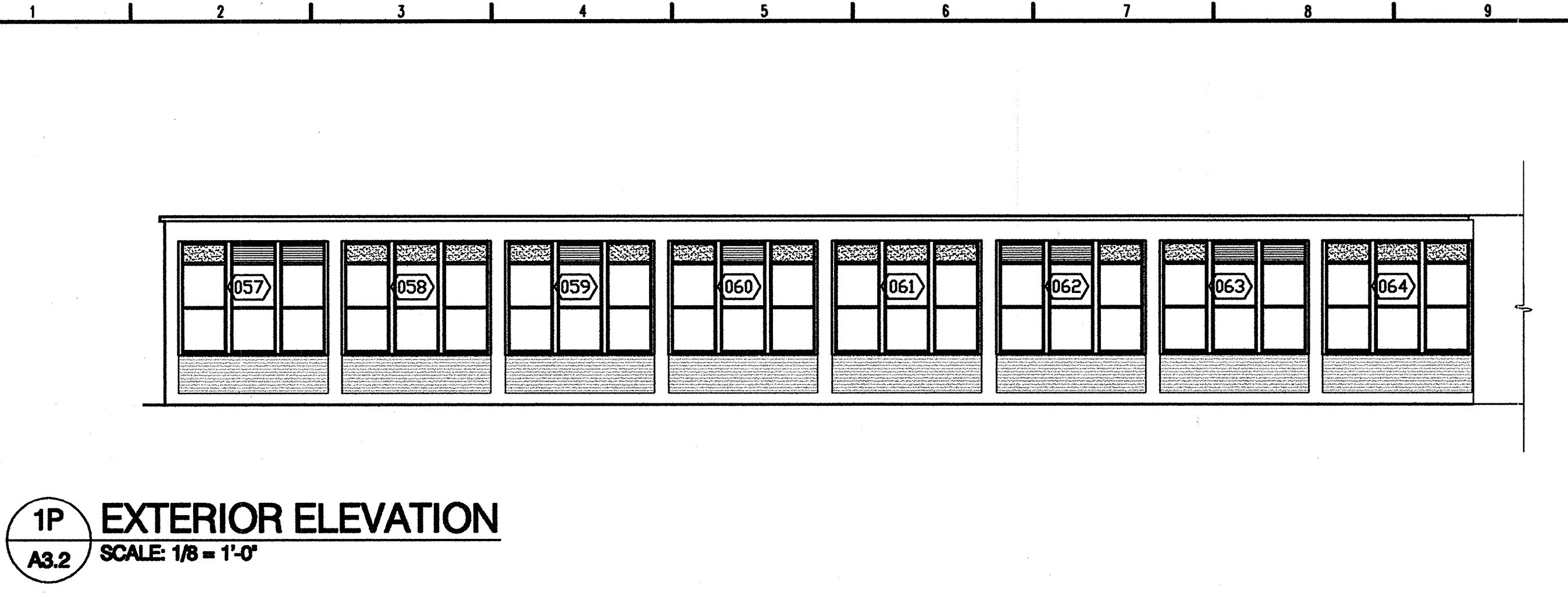


11A EXTERIOR ELEVATION
A3.1 SCALE: 1/8" = 1'-0"

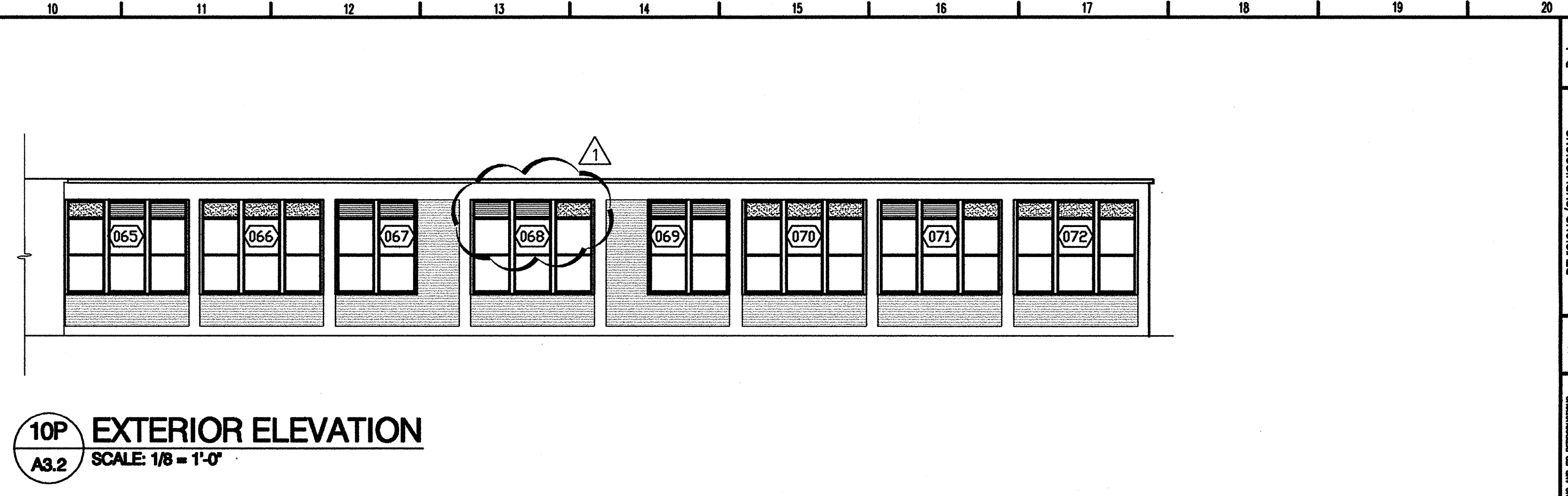
GENERAL NOTES
1. (000) SEE SHEET A2.1 FOR WINDOW SCHEDULE
2. (00L) SEE SHEET A2.3 FOR LOUVER SCHEDULE

ENKA MIDDLE SCHOOL

Date	
REVISIONS/SUBMISSIONS	
No.	
Project: 188 PATTON AVENUE ASHEVILLE, NC 28801 Drawn: B.E.W. Checked: B.E.W. Revised: B.E.W. Scale: AS NOTED Date: DECEMBER 18, 2000	828 / 236-9982 Facsimile: 828 / 236-9986
BOWERS ELLIS & WATSON ARCHITECTS, P.A.	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS	
ENKA MIDDLE SCHOOL	
Drawing Title: EXTERIOR ELEVATIONS Drawing No.: A3.1 19 OF 51	



1P EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"



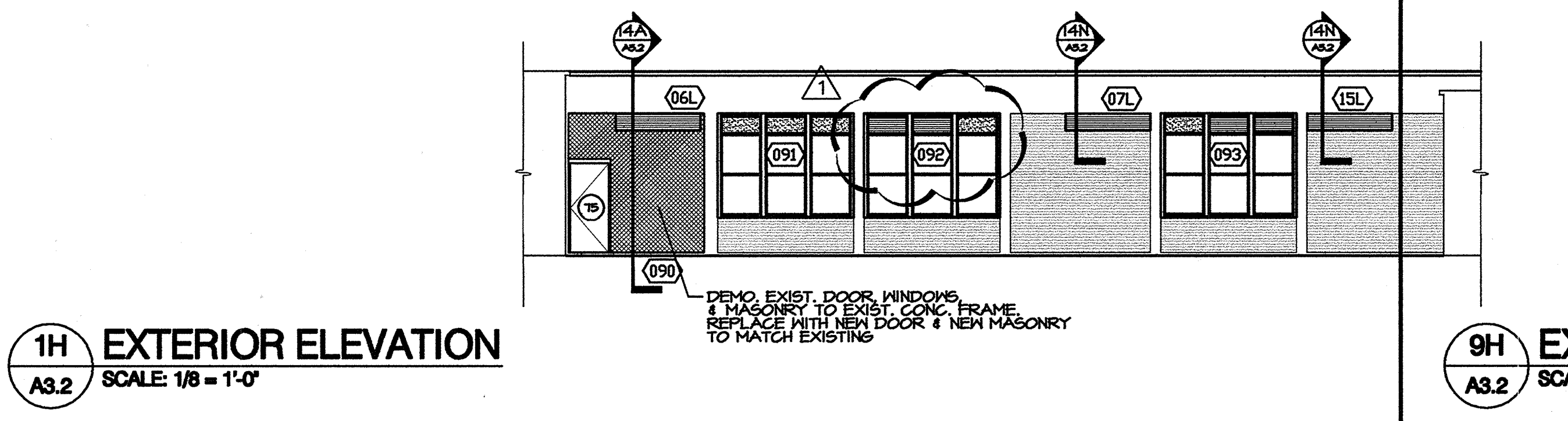
10P EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"



1L EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"

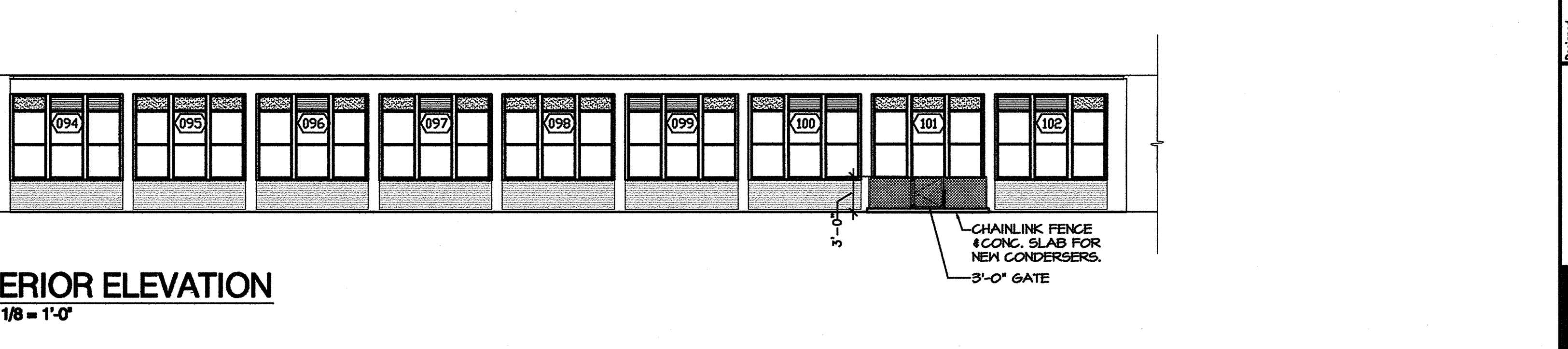
CHAINLINK FENCE & CONC. SLAB FOR NEW CONDENSERS.
3'-0" GATE

DEMO. EXIST. DOOR, WINDOWS & MASONRY TO EXIST. CONC. FRAME. REPLACE WITH NEW DOOR & NEW MASONRY TO MATCH EXISTING.



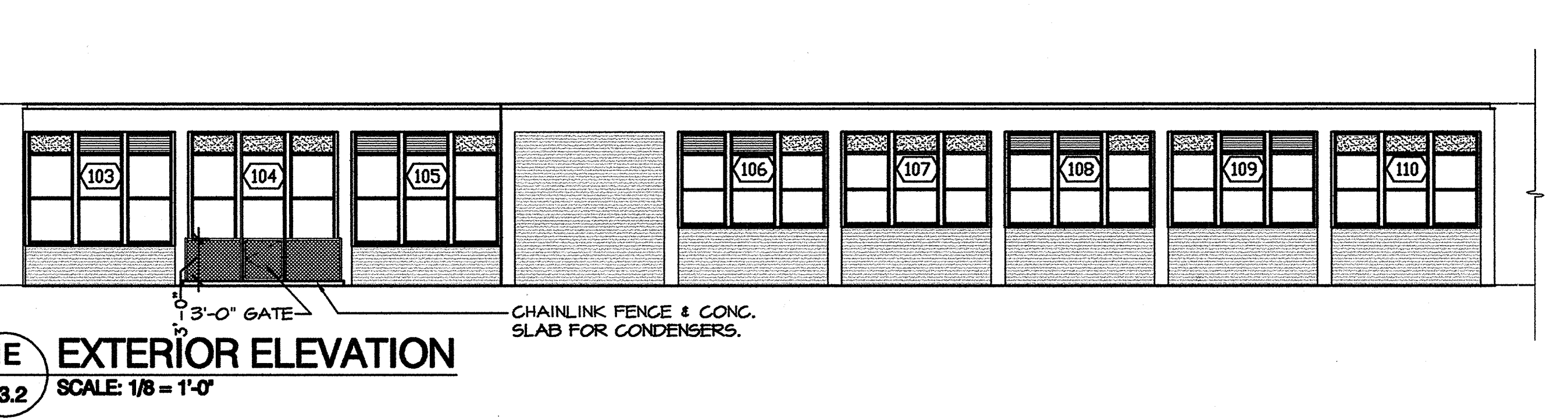
1H EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"

DEMO. EXIST. DOOR, WINDOWS & MASONRY TO EXIST. CONC. FRAME. REPLACE WITH NEW DOOR & NEW MASONRY TO MATCH EXISTING.



9H EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"

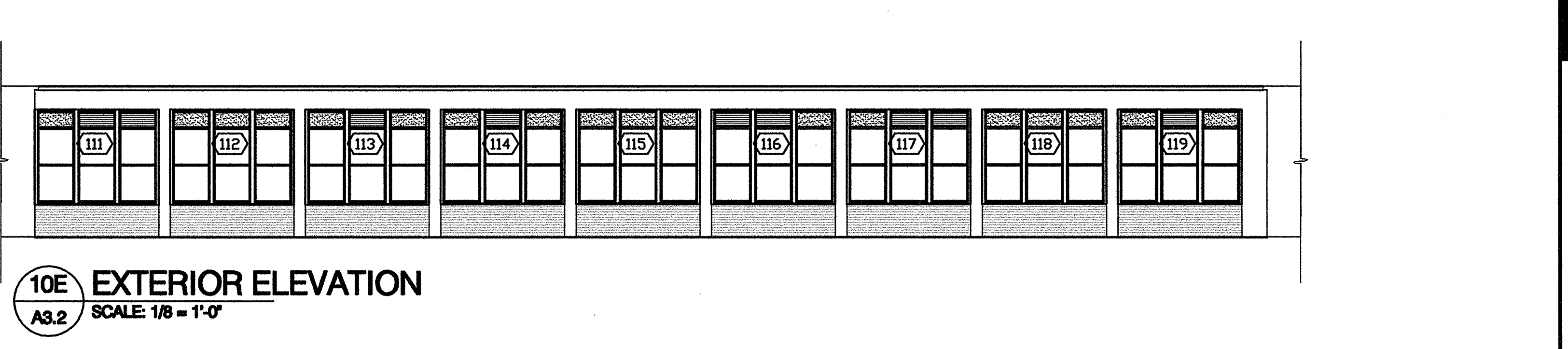
CHAINLINK FENCE & CONC. SLAB FOR NEW CONDENSERS.
3'-0" GATE



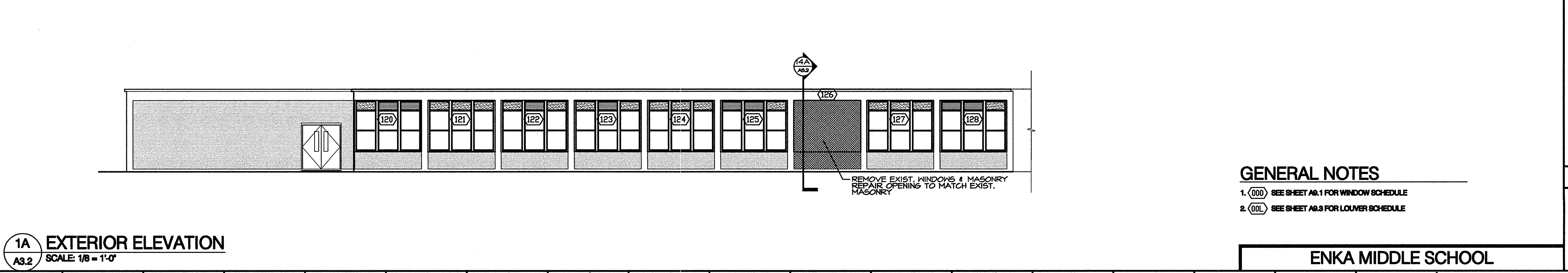
1E EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"

3'-0" GATE

CHAINLINK FENCE & CONC. SLAB FOR CONDENSERS.



10E EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"



1A EXTERIOR ELEVATION
A3.2 SCALE: 1/8" = 1'-0"

REMOVE EXIST. WINDOWS & MASONRY. REPAIR OPENING TO MATCH EXIST. MASONRY.

GENERAL NOTES

1. (000) SEE SHEET A9.1 FOR WINDOW SCHEDULE
2. (001) SEE SHEET A9.3 FOR LOUVER SCHEDULE

ENKA MIDDLE SCHOOL

REVISIONS/SUBMISSIONS	Date
AS-BUILT, WINDOW PACKAGE	
No.	
1	

DESIGNED BY: B.E.W.
DRAWN BY: B.E.W.
CHECKED BY: B.E.W.
REVIEWED BY: B.E.W.
SCALE: AS NOTED
DATE: DECEMBER 18, 2000

188 PATTON AVENUE
ASHEVILLE, NC 28801

828 / 236-9962

facsimile:
828 / 236-9966

BOWERS ELLIS & WATSON ARCHITECTS PA

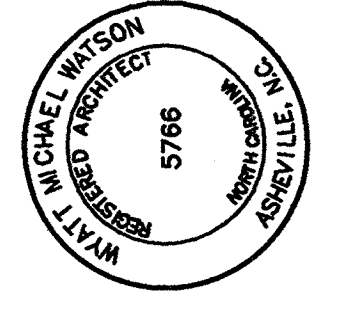
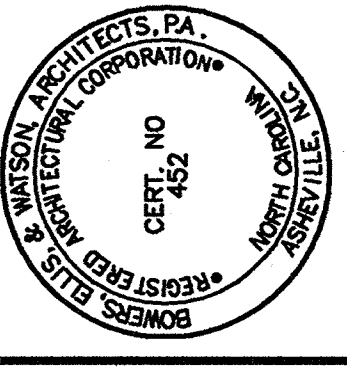
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS

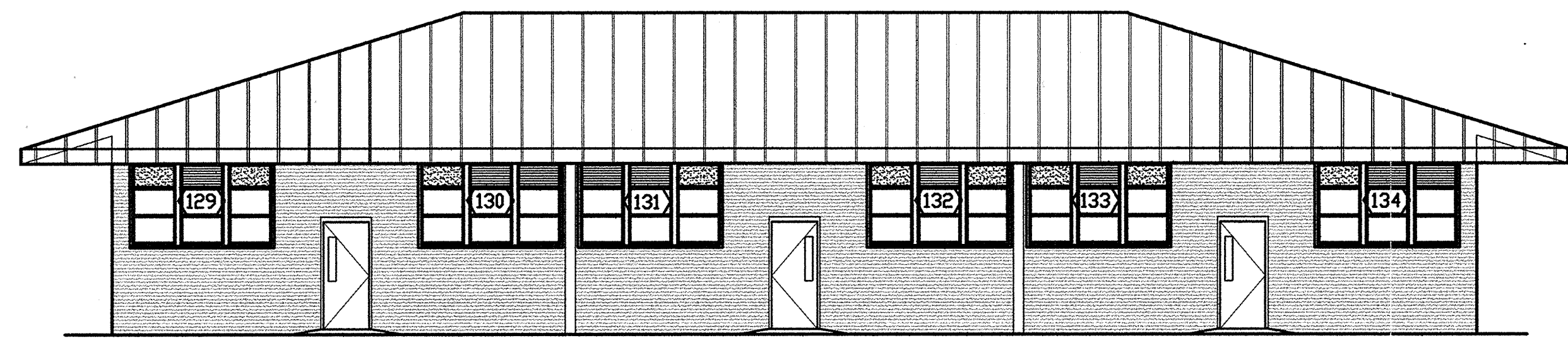
ENKA MIDDLE SCHOOL

Drawing Title: EXTERIOR ELEVATIONS

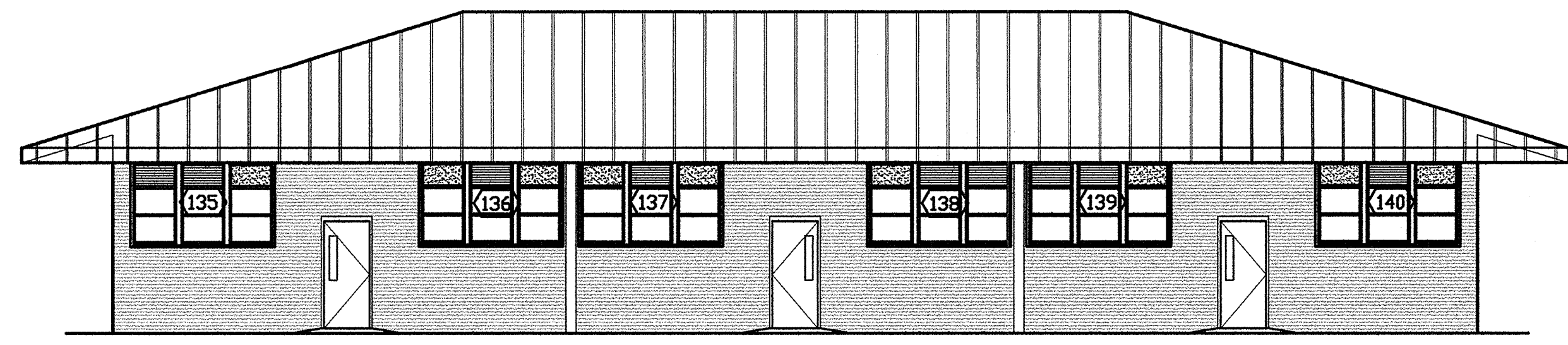
Drawing No. **A3.2**

20 OF 51





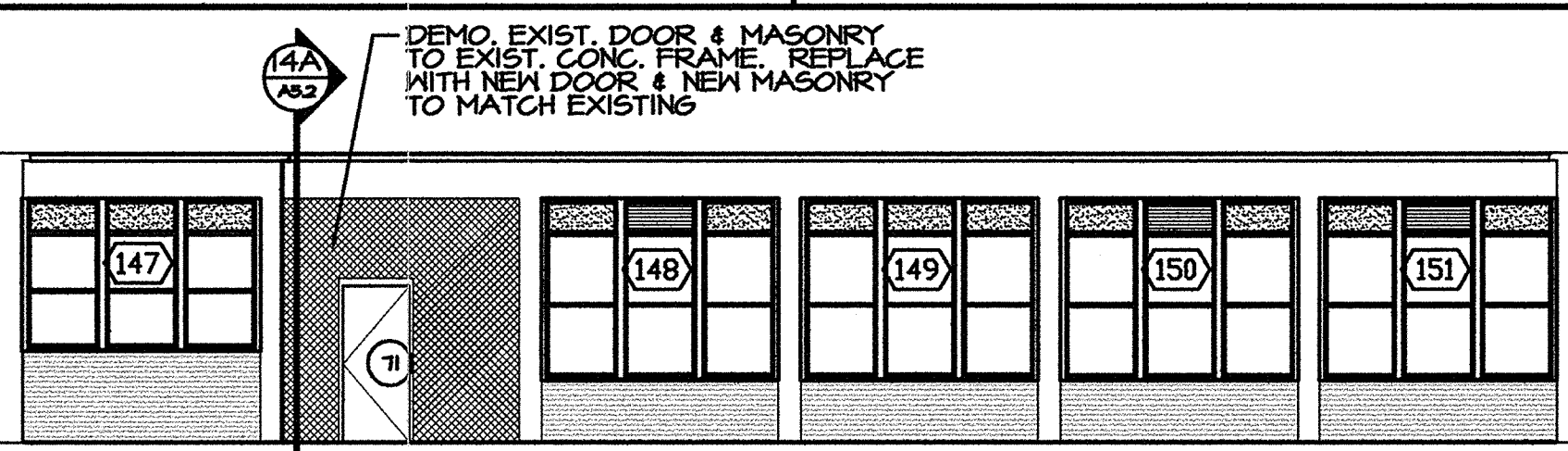
1N EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



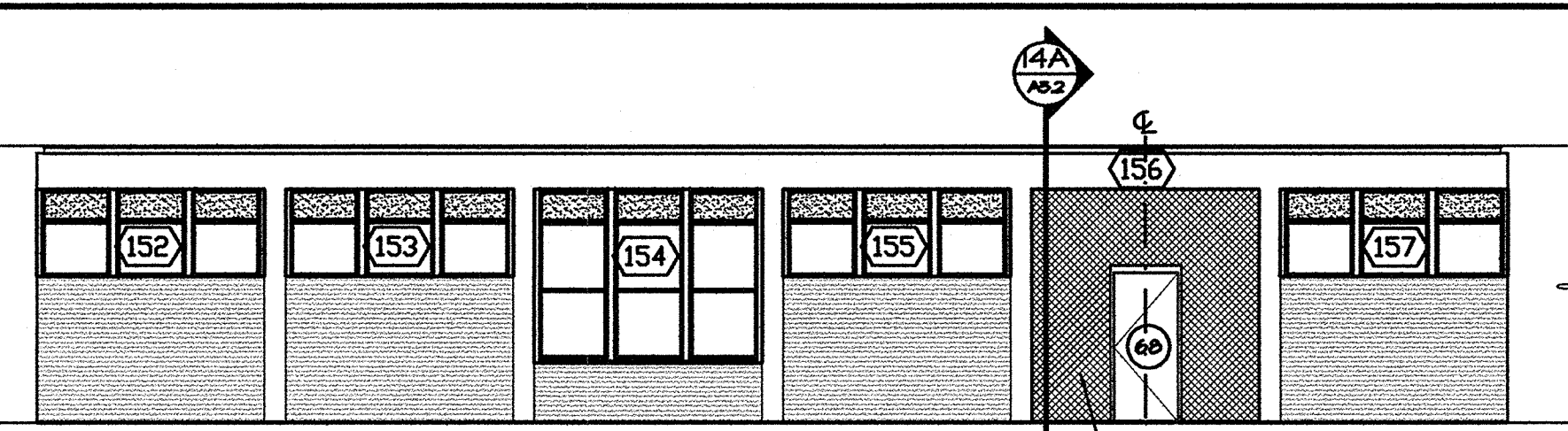
11N EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



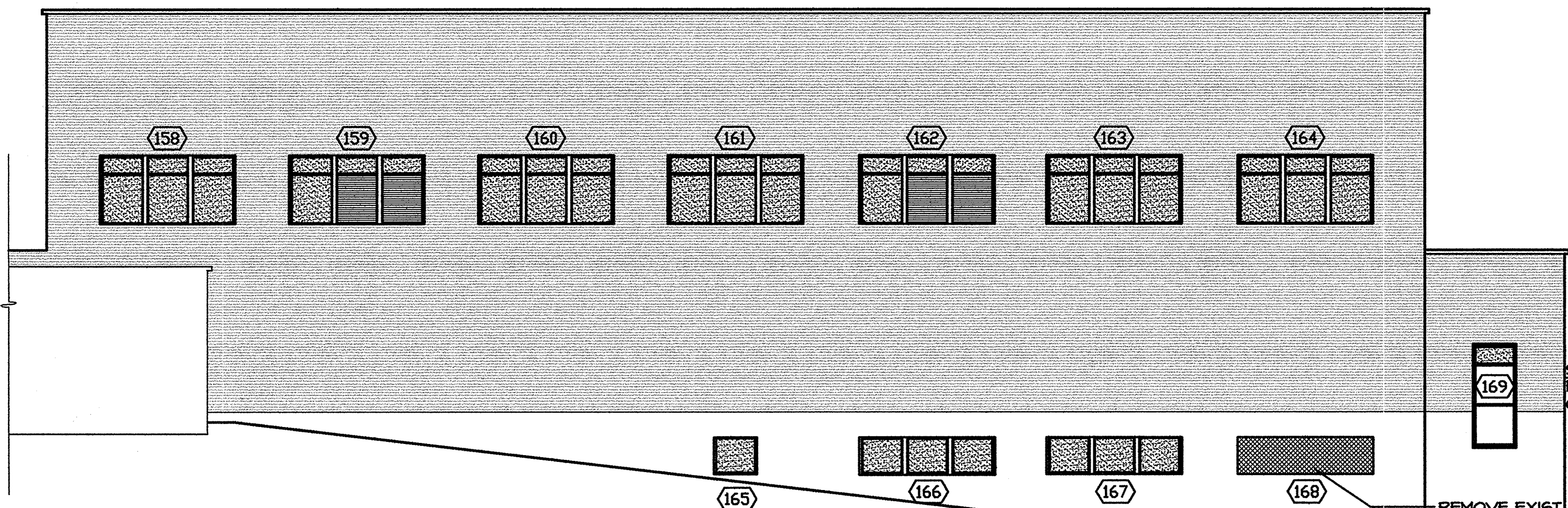
1K EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



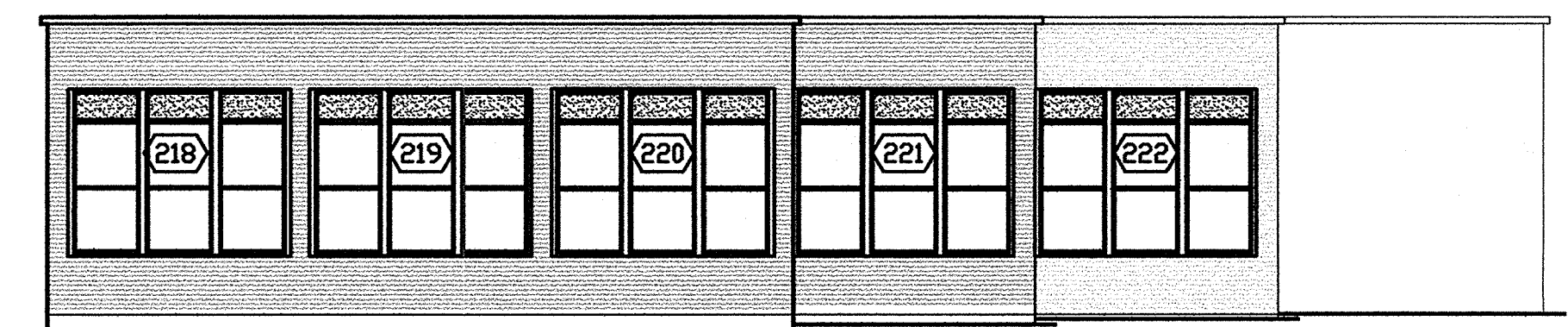
8K EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



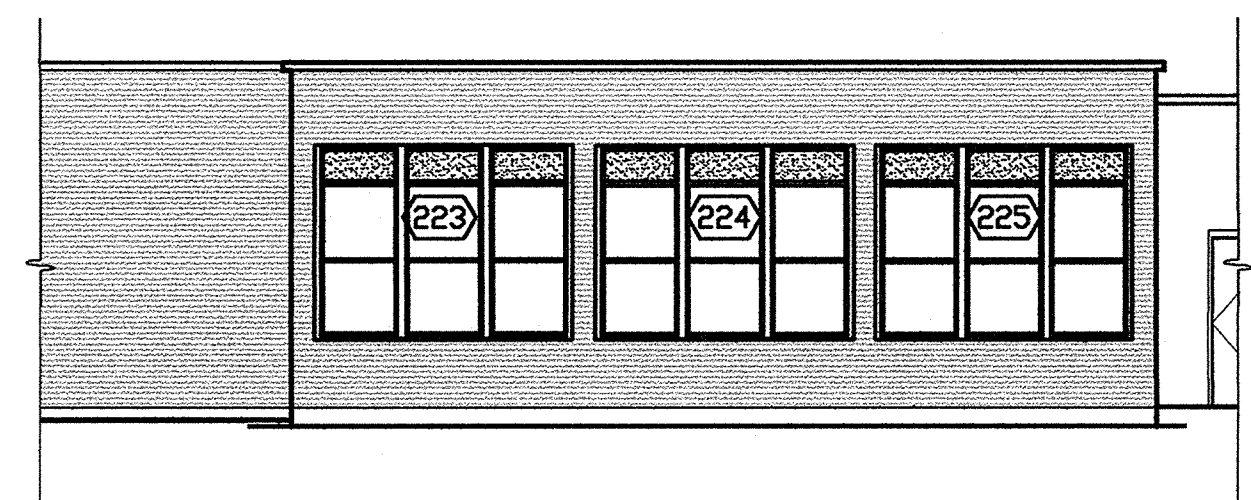
14K EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



1E EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



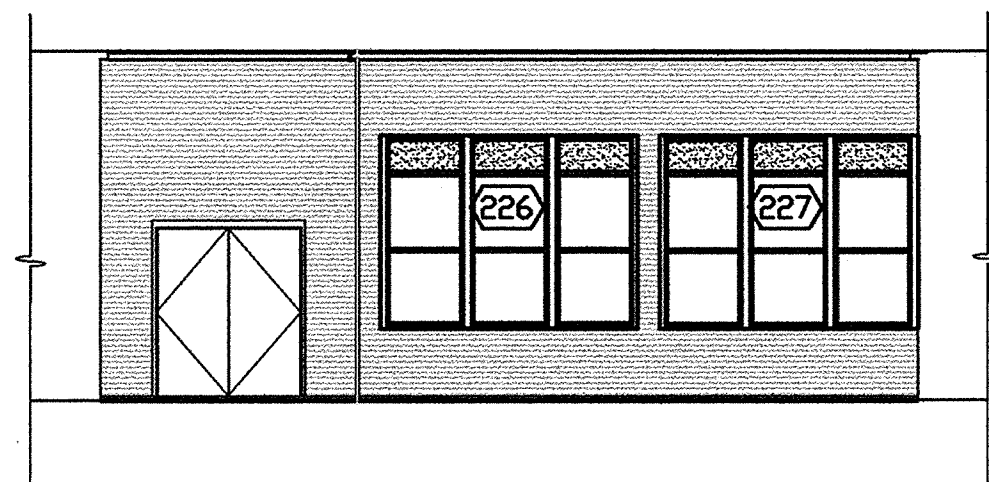
12G EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



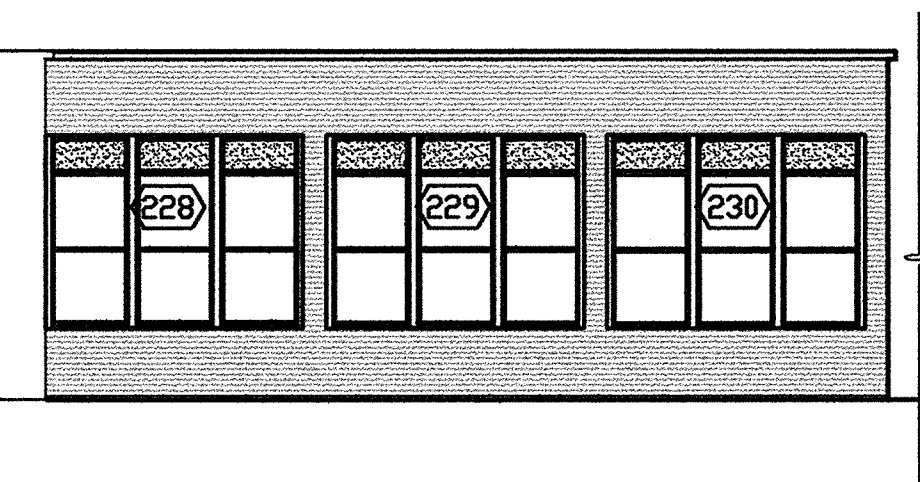
12E EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



1A EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



8A EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"



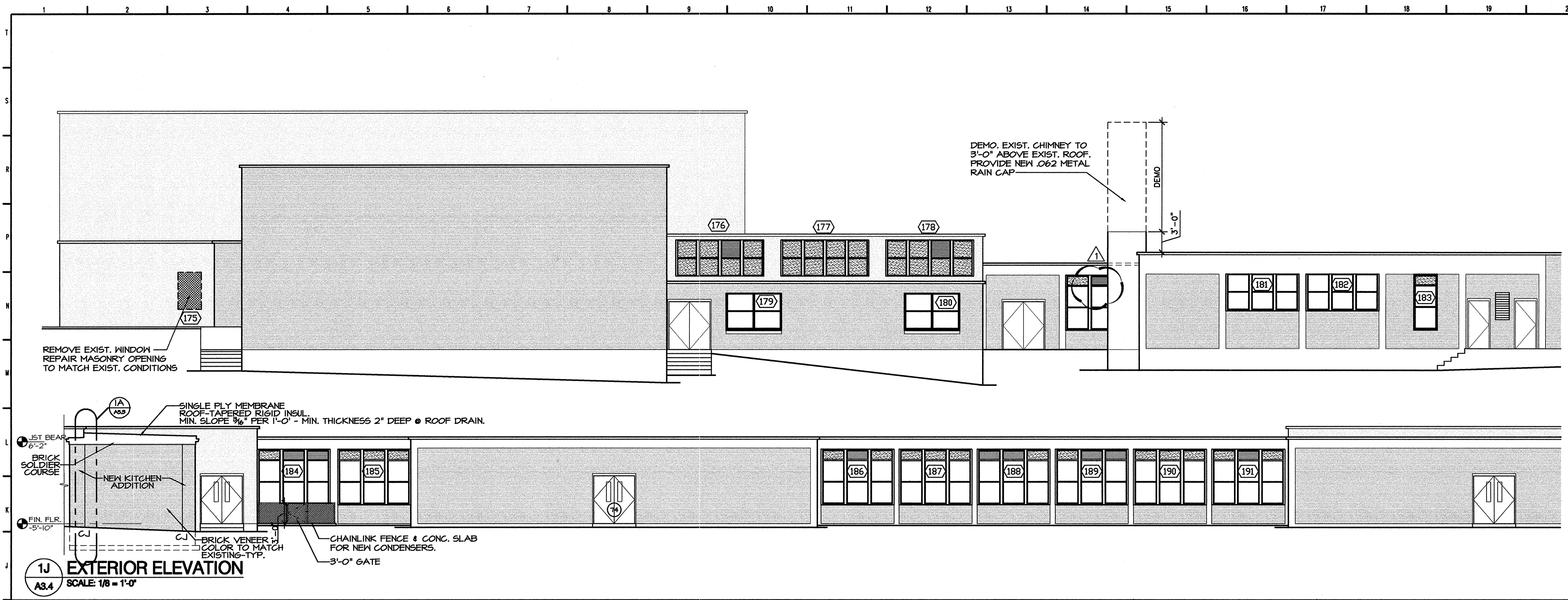
12A EXTERIOR ELEVATION
A3.3 SCALE: 1/8" = 1'-0"

GENERAL NOTES

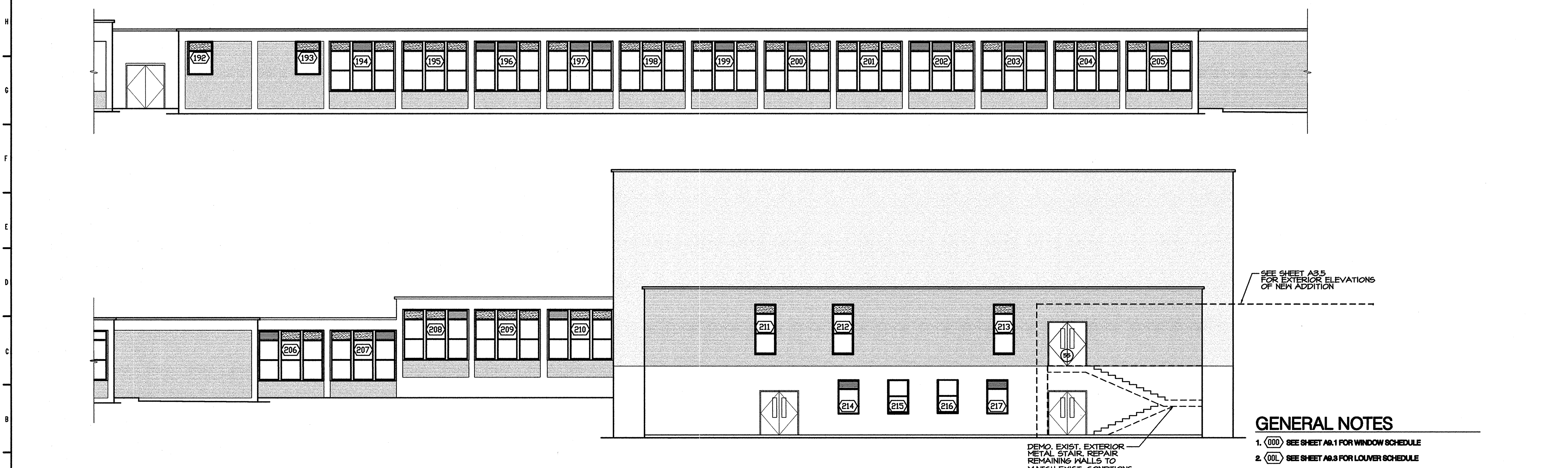
1. (000) SEE SHEET A8.1 FOR WINDOW SCHEDULE
2. (00L) SEE SHEET A8.3 FOR LOUVER SCHEDULE

ENKA MIDDLE SCHOOL

Date	
REVISIONS/SUBMISSIONS	
No.	
Designed	BEW.
Drawn	BEW.
Checked	BEW.
Reviewed	BEW.
Scale	AS NOTED
Date	DECEMBER 18, 2000
<p>168 PATTON AVENUE ASHEVILLE, NC 28801</p> <p>828 / 236-9892</p> <p>facsimile: 828 / 236-9896</p> <p>BOWERS ELLIS & WATSON ARCHITECTS/PA</p>	
<p>GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS</p> <p>ENKA MIDDLE SCHOOL</p>	
Drawing Title	EXTERIOR ELEVATIONS
Drawing No.	A3.3
21 OF 51	



1J EXTERIOR ELEVATION
 A3.4 SCALE: 1/8" = 1'-0"

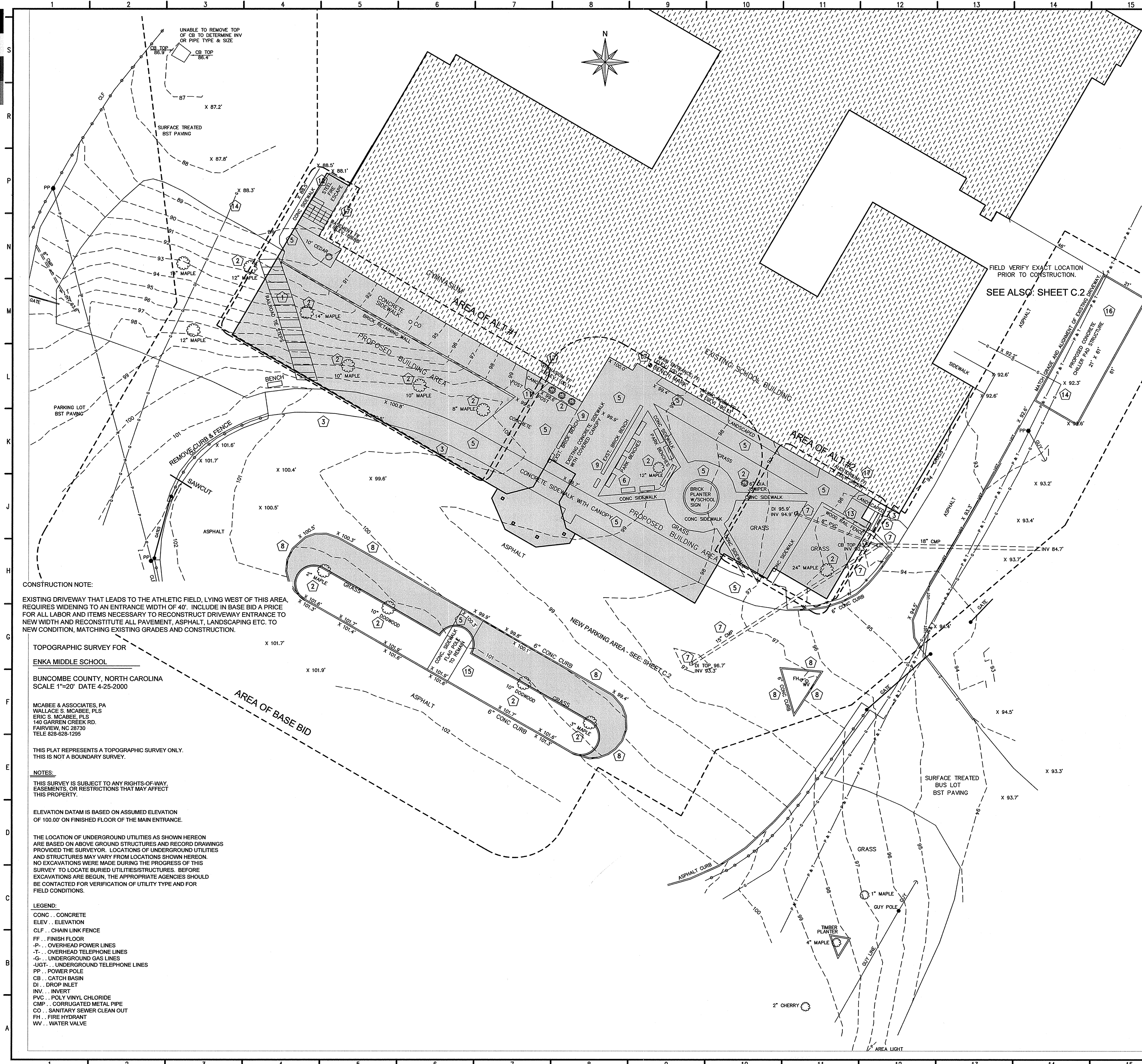


1A EXTERIOR ELEVATION
 A3.4 SCALE: 1/8" = 1'-0"

- GENERAL NOTES**
1. (000) SEE SHEET A3.1 FOR WINDOW SCHEDULE
 2. (00L) SEE SHEET A3.3 FOR LOUVER SCHEDULE

Date	
REVISIONS/SUBMISSIONS	
No.	AS-BUILT, WINDOW PACKAGE
Designed	B.E.W.
Drawn	B.E.W.
Checked	B.E.W.
Reviewed	B.E.W.
Scale	AS NOTED
Date	DECEMBER 18, 2000
168 PATTON AVENUE ASHEVILLE, NC 28801 828 / 236-9892 facsimile: 828 / 236-9896	
BOWERS ELLIS & WATSON ARCHITECTS, P.A.	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS	
ENKA MIDDLE SCHOOL	
Drawing Title: EXTERIOR ELEVATIONS Drawing No.:	
A3.4 22 OF 51	

ENKA MIDDLE SCHOOL



KEYED PLAN NOTES	
1	DEMOLISH AND REMOVE FROM SITE, THE EXISTING R/R CROSS TIE STEPS. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF THIS ITEM.
2	DEMOLISH AND REMOVE FROM SITE ALL TREES, SHRUBBERY, GROUNDCOVERS, AND ASSOCIATED BRUSH, LIMBS AND STUMPS AS INDICATED. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF THIS ITEM.
3	DEMOLISH AND REMOVE FROM SITE ALL ASPHALT PAVING AS INDICATED. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF THIS ITEM.
4	NOT USED
5	DEMOLISH AND REMOVE FROM SITE ALL CONCRETE SIDEWALK AS INDICATED. PROVIDE SMOOTH SAWCUTS AND TRANSITIONS AS REQUIRED. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL OF THIS ITEM.
6	STORE ON SITE ALL BENCHES AND SITE FURNISHINGS AS DIRECTED. SOME ITEMS MAY BE MOVED OR SALVAGED BY SCHOOL. GENERAL CONTRACTOR IS RESPONSIBLE FOR COORDINATION OF REMOVAL OF ITEMS NOT SALVAGED OR MOVED.
7	DEMOLISH AND REMOVE FROM SITE ALL STORM SEWER PIPING AND CATCH BASINS AS INDICATED. ALL ASSOCIATED TRENCHES RESULTING FROM THE EXCAVATION AND DEMOLITION OF THESE ITEMS MUST BE RECONSTITUTED AND RECOMPACTED TO A CONDITION THAT FULLY COMPLIES WITH THE GEOTECHNICAL SPECIFICATIONS SET FOR THIS PROJECT. (98% STANDARD PROCTOR WITHIN BUILDING LIMITS; 95% STANDARD PROCTOR OUTSIDE BUILDING LIMITS.)
8	SAWCUT AND DEMOLISH CONCRETE CURB AND GUTTER, ASPHALT PAVING, ETC. AS INDICATED TO PROVIDE A FLUSH TRANSITION CONDITION BETWEEN THE EXISTING ASPHALT AND THE NEW CONCRETE CURB AND GUTTER AND ASPHALT DRIVEWAY. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER DISPOSAL AND HANDLING OF THESE ITEMS.
9	DEMOLISH AND REMOVE EXISTING BRICK BENCHES AND ASSOCIATED FOOTINGS, ETC. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND REINSTALLATION OF THESE ITEMS.
10	NOT USED
11	SAWCUT AND REMOVE EXISTING CANOPY COVER AND ASSOCIATED COLUMNS, PIERS, FOOTINGS, ETC. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND REINSTALLATION OF THESE ITEMS. WORK IN THIS AREA WILL BE EXPOSED AND EXTREME CAUTION IS TO BE USED AS TO BARRICADING AND PROTECTION / SAFETY.
12	DEMOLISH AND REMOVE EXISTING STEEL FIRE ESCAPE STRUCTURE AND ASSOCIATED COLUMNS, PIERS, FOOTINGS, SIDEWALK AND SLAB ON GRADE BELOW, ETC. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND REINSTALLATION OF THESE ITEMS.
13	DEMOLISH AND REMOVE EXISTING WOOD RAIL FENCE AND ASSOCIATED POSTS, FOOTINGS, ETC. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND REINSTALLATION OF THESE ITEMS.
14	VERIFY LOCATION OF EXISTING UNDERGROUND GAS LINES PRIOR TO CONSTRUCTION. RELOCATE EXISTING UNDERGROUND GAS LINES AS NECESSARY TO FACILITATE NEW CONSTRUCTION. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND REINSTALLATION OF THESE ITEMS. COORDINATE WITH MECHANICAL. RECONSTITUTE ANY ASPHALT THAT REQUIRES DEMOLITION FOR NEW TRENCHES TO NEW CONDITION, MATCHING EXISTING GRADES.
15	A NEW SIGN WILL BE PROVIDED BY THE OWNER. SIGN IS TO BE INSTALLED BY GENERAL CONTRACTOR PER SIGN MANUFACTURER'S SPECIFICATION. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND INSTALLATION OF THESE ITEMS.
16	CLEAR AND GRUB AREA FOR NEW CHILLER PAD STRUCTURE AND PIPE TRENCH LANE. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND INSTALLATION OF THESE ITEMS. REFER TO MECHANICAL AND STRUCTURAL FOR PAD DETAILS.
17	EMERGENCY EGRESS FROM BUILDING MUST BE PROVIDED AND MAINTAINED THROUGHOUT DURATION OF PROJECT. COORDINATE WITH SCHOOL AS NECESSARY.

CONSTRUCTION NOTE:
EXISTING DRIVEWAY THAT LEADS TO THE ATHLETIC FIELD, LYING WEST OF THIS AREA, REQUIRES WIDENING TO AN ENTRANCE WIDTH OF 40'. INCLUDE IN BASE BID A PRICE FOR ALL LABOR AND ITEMS NECESSARY TO RECONSTRUCT DRIVEWAY ENTRANCE TO NEW WIDTH AND RECONSTITUTE ALL PAVEMENT, ASPHALT, LANDSCAPING ETC. TO NEW CONDITION, MATCHING EXISTING GRADES AND CONSTRUCTION.

TOPOGRAPHIC SURVEY FOR ENKA MIDDLE SCHOOL
BUNCOMBE COUNTY, NORTH CAROLINA
SCALE 1"=20' DATE 4-25-2000
MCABEE & ASSOCIATES, PA
WALLACE S. MCABEE, PLS
ERIC S. MCABEE, PLS
140 GARREN CREEK RD.
FAIRVIEW, NC 28720
TELE 828-628-1295

THIS PLAT REPRESENTS A TOPOGRAPHIC SURVEY ONLY.
THIS IS NOT A BOUNDARY SURVEY.

NOTES:
THIS SURVEY IS SUBJECT TO ANY RIGHTS-OF-WAY, EASEMENTS, OR RESTRICTIONS THAT MAY AFFECT THIS PROPERTY.

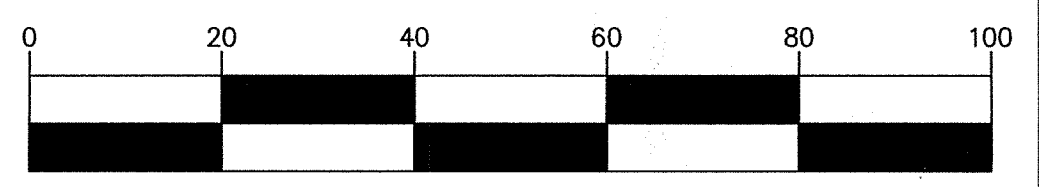
ELEVATION DATUM IS BASED ON ASSUMED ELEVATION OF 100.00' ON FINISHED FLOOR OF THE MAIN ENTRANCE.

THE LOCATION OF UNDERGROUND UTILITIES AS SHOWN HEREON ARE BASED ON ABOVE GROUND STRUCTURES AND RECORD DRAWINGS PROVIDED THE SURVEYOR. LOCATIONS OF UNDERGROUND UTILITIES AND STRUCTURES MAY VARY FROM LOCATIONS SHOWN HEREON. NO EXCAVATIONS WERE MADE DURING THE PROGRESS OF THIS SURVEY TO LOCATE BURIED UTILITIES/STRUCTURES. BEFORE EXCAVATIONS ARE BEGUN, THE APPROPRIATE AGENCIES SHOULD BE CONTACTED FOR VERIFICATION OF UTILITY TYPE AND FOR FIELD CONDITIONS.

- LEGEND:**
- CONC . . CONCRETE
 - ELEV . . ELEVATION
 - CLF . . CHAIN LINK FENCE
 - FF . . FINISH FLOOR
 - P- . . OVERHEAD POWER LINES
 - T- . . OVERHEAD TELEPHONE LINES
 - G- . . UNDERGROUND GAS LINES
 - JGT- . . UNDERGROUND TELEPHONE LINES
 - PP . . POWER POLE
 - CB . . CATCH BASIN
 - DI . . DROP INLET
 - INV . . INVERT
 - PVC . . POLY VINYL CHLORIDE
 - CMP . . CORRUGATED METAL PIPE
 - CO . . SANITARY SEWER CLEAN OUT
 - FH . . FIRE HYDRANT
 - WV . . WATER VALVE

GENERAL UTILITY NOTE:
COORDINATE WITH THE ASSOCIATED UTILITY PROVIDERS TO DEMOLISH ALL OVERHEAD UTILITY POLES, LINES, AND RELATED ITEMS AS INDICATED. REINSTALLATION OF UTILITIES ARE TO BE PROVIDED IN A MANNER THAT WILL NOT INTERRUPT UTILITY SERVICE DURING CONSTRUCTION. GENERAL CONTRACTOR IS RESPONSIBLE FOR PROPER COORDINATION AND REINSTALLATION OF THESE ITEMS.

GENERAL CONSTRUCTION NOTE:
NO WORK IS TO BEGIN ON SITE UNTIL THE GENERAL CONTRACTOR HAS CONTACTED THE PRINCIPAL OF THIS SCHOOL AND CONDUCTED A SAFETY MEETING BETWEEN ALL RESPONSIBLE PARTIES INVOLVED WITH THIS PROJECT. TOPICS DISCUSSED ARE TO INCLUDE EGRESS ROUTING FOR EMERGENCIES, TRAFFIC FLOW CHANGES, AND ITEMS THAT WILL INTERRUPT OR ALTER ANY NORMAL OR STANDARD OPERATIONS.



Date	1-17-01
REVISIONS/SUBMISSIONS	1-25-01
No.	APPENDIX #1
	APPENDIX #2
DESIGNED BY	KEPA
DRAWN BY	KEPA
CHECKED BY	KEPA
REVIEWED BY	KEPA
SCALE	AS NOTED
DATE	12-18-00

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351 Merrimon Avenue, Suite 200
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(828) 255-0780

168 PATTON AVENUE
ASHEVILLE, NC 28801

828 / 236-9992 **facsimile: 828 / 236-9996**

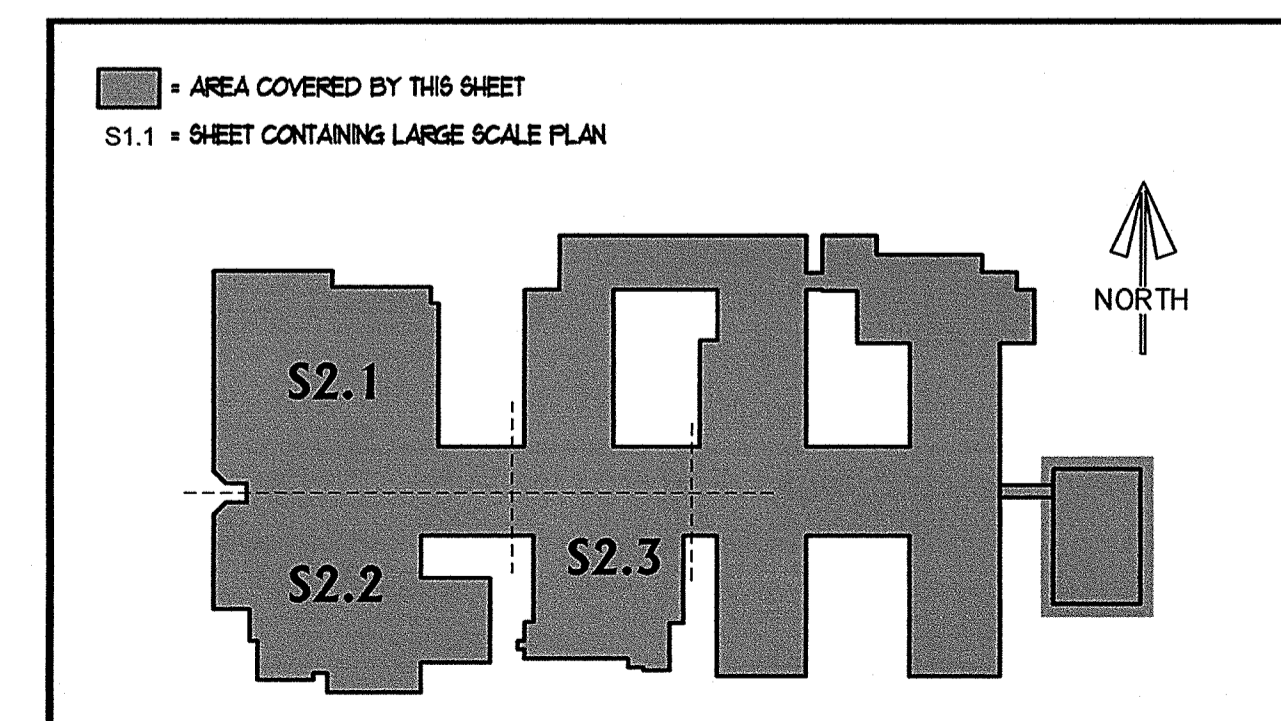
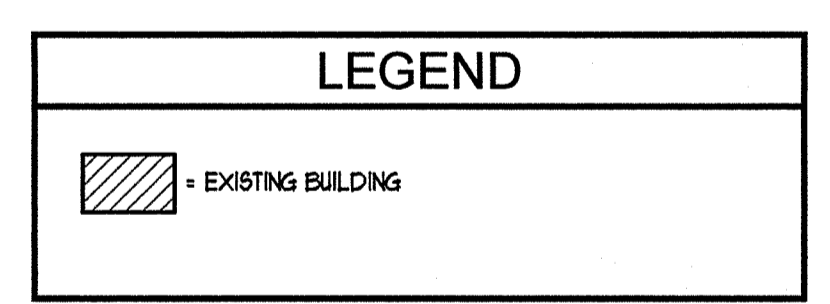
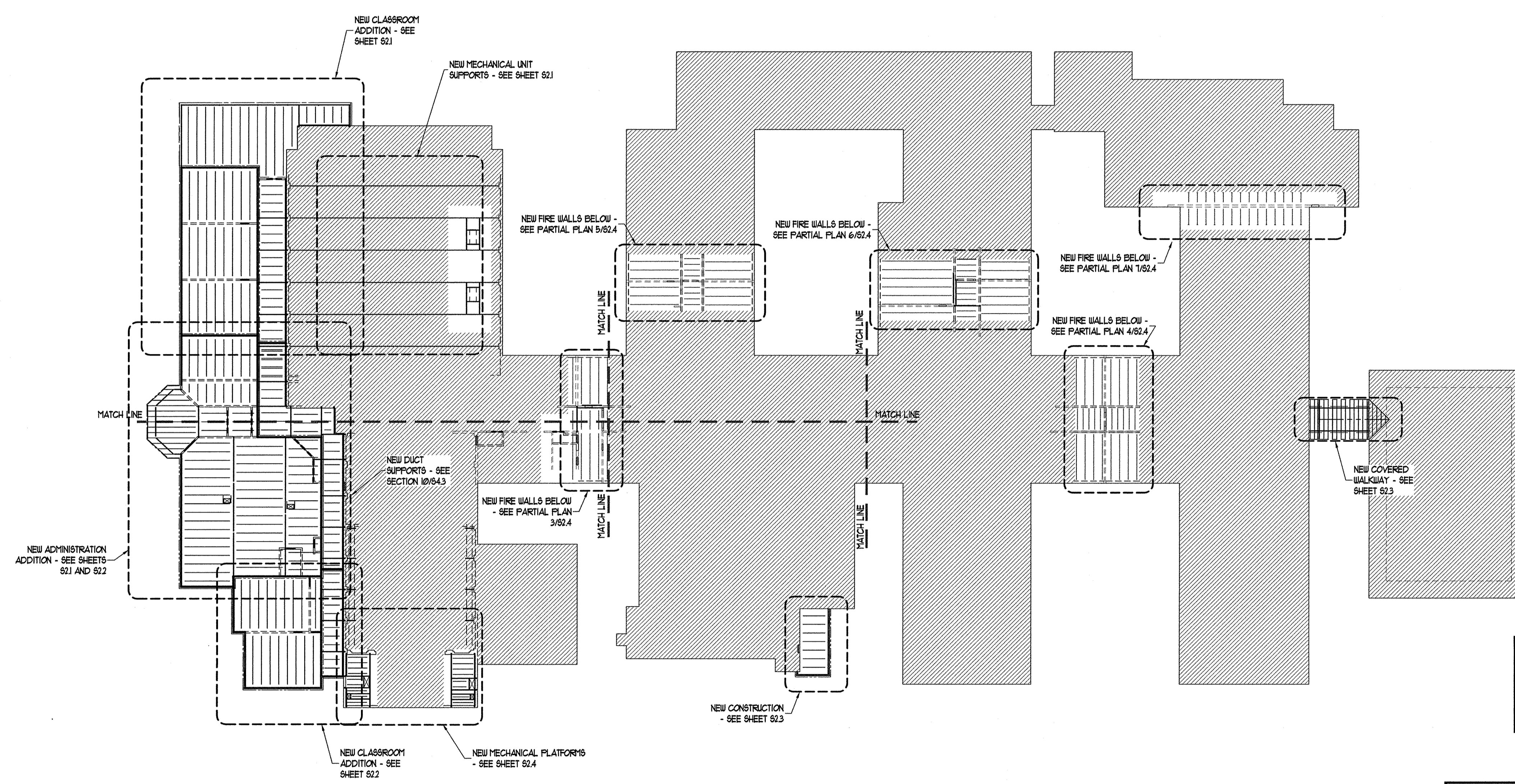
BOWERS & WATSON ARCHITECTS PA

GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS

ENKA MIDDLE SCHOOL

School

Drawing Title	Site Plan
Drawing No.	C.1
	OF



OVERALL ROOF FRAMING PLAN
 1/32"=1'-0"
 NORTH

KEY PLAN - N.T.S.
 ENKA MIDDLE SCHOOL

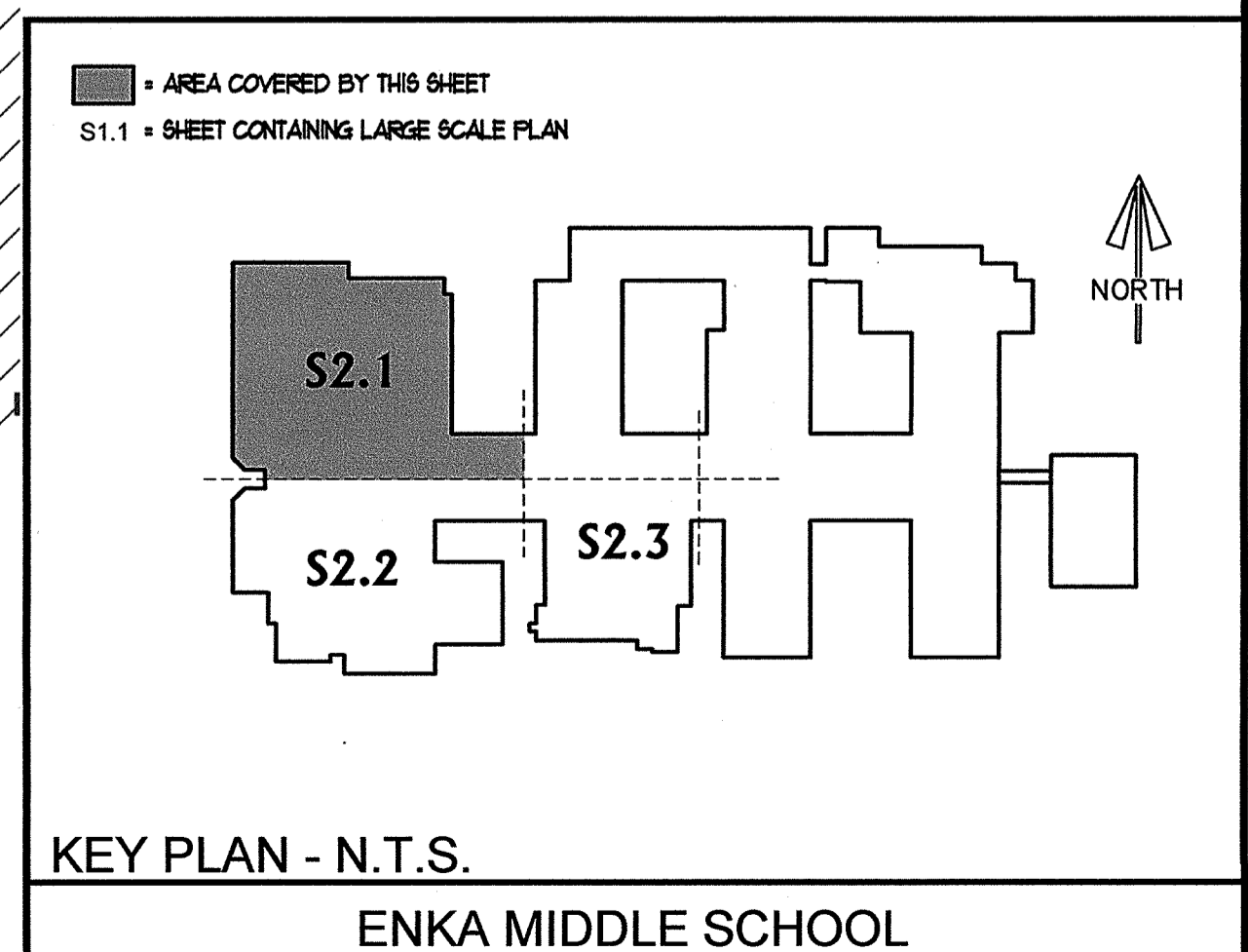
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REVISIONS/SUBMISSIONS	
No.	AS-BUILT
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 KLOESSEL Engineering, PA <small>551 Merrimon Avenue, Suite 200 Raleigh, North Carolina 27601 (888) 465-0786</small>	
Designed	KEPA
Drawn	KEPA
Checked	KEPA
Reviewed	KEPA
Scale	AS NOTED
Date	12-15-00
168 PATTON AVENUE ASHEVILLE, NC 28801 828 / 236-9992 facsimile: 828 / 236-9996	
BOWERS ELLIS & WATSON ARCHITECTS PA	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS	
ENKA MIDDLE SCHOOL <small>School</small>	
<small>Drawing Title</small> Overall Roof Framing Plan	
<small>Drawing No.</small>	
S2.0 <small>OF</small>	

EXISTING BUILDING

KEYED PLAN NOTES	
(A)	CONT. L 3 X 3 X 1/4 METAL DECK SUPPORT ANGLE. FASTEN TO MASONRY W/ 3/8" GALV. THREADED RODS @ 2'-0" O.C. (DRILL AND EPOXY) - 1/2" MIN. EMBED - PROVIDE SCREEN INSERT WHERE VOIDS ARE ENCOUNTERED
(B)	BEAR JOIST ON 3/4" X 4" X 8'-6" BE W/ (2) 3/4" X 6" HEADED STUDS ON 8" X 8" X 8" CONC. PAD ON EXIST. BRICK / CMU WALL

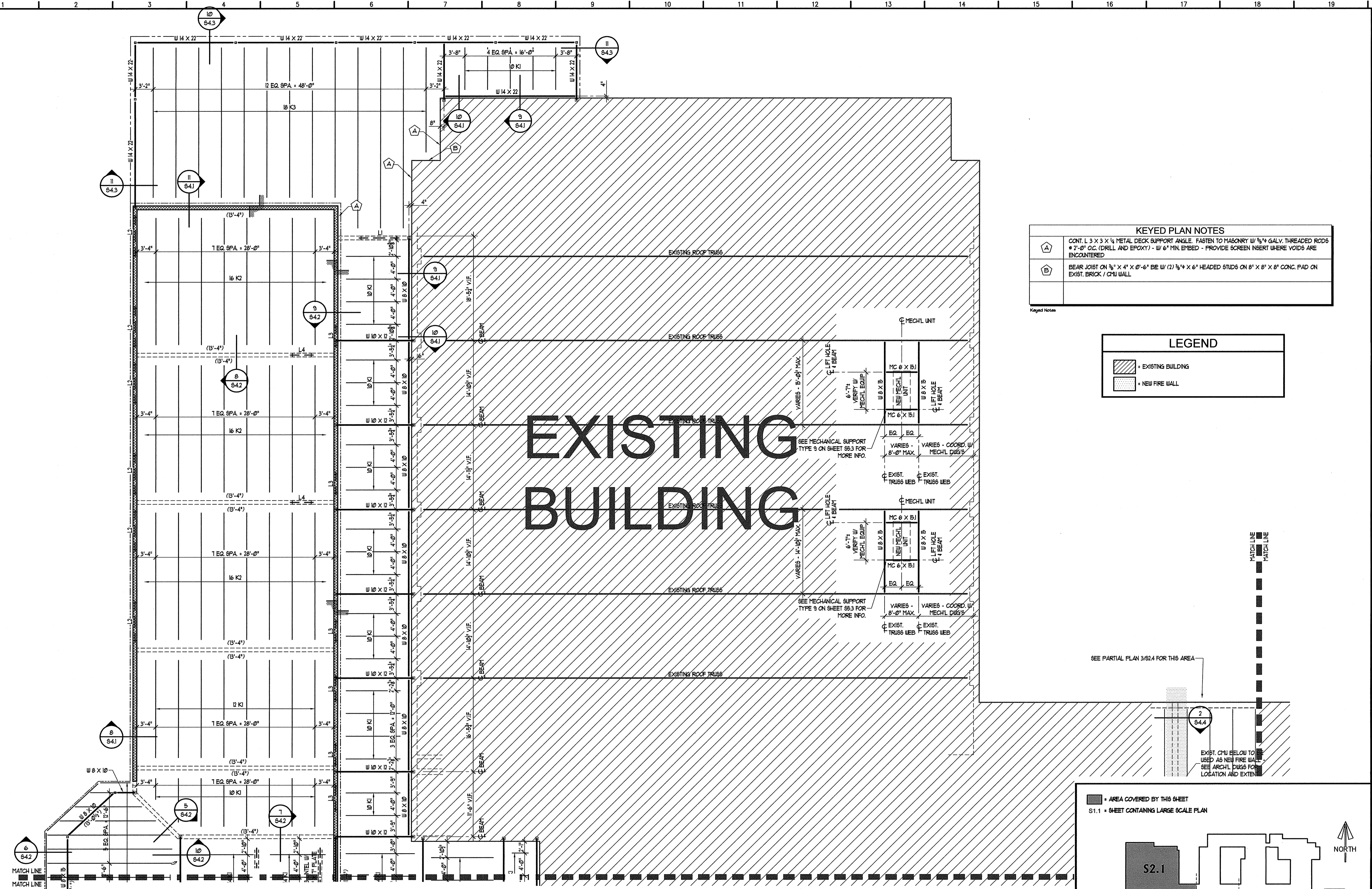
LEGEND	
	EXISTING BUILDING
	NEW FIRE WALL

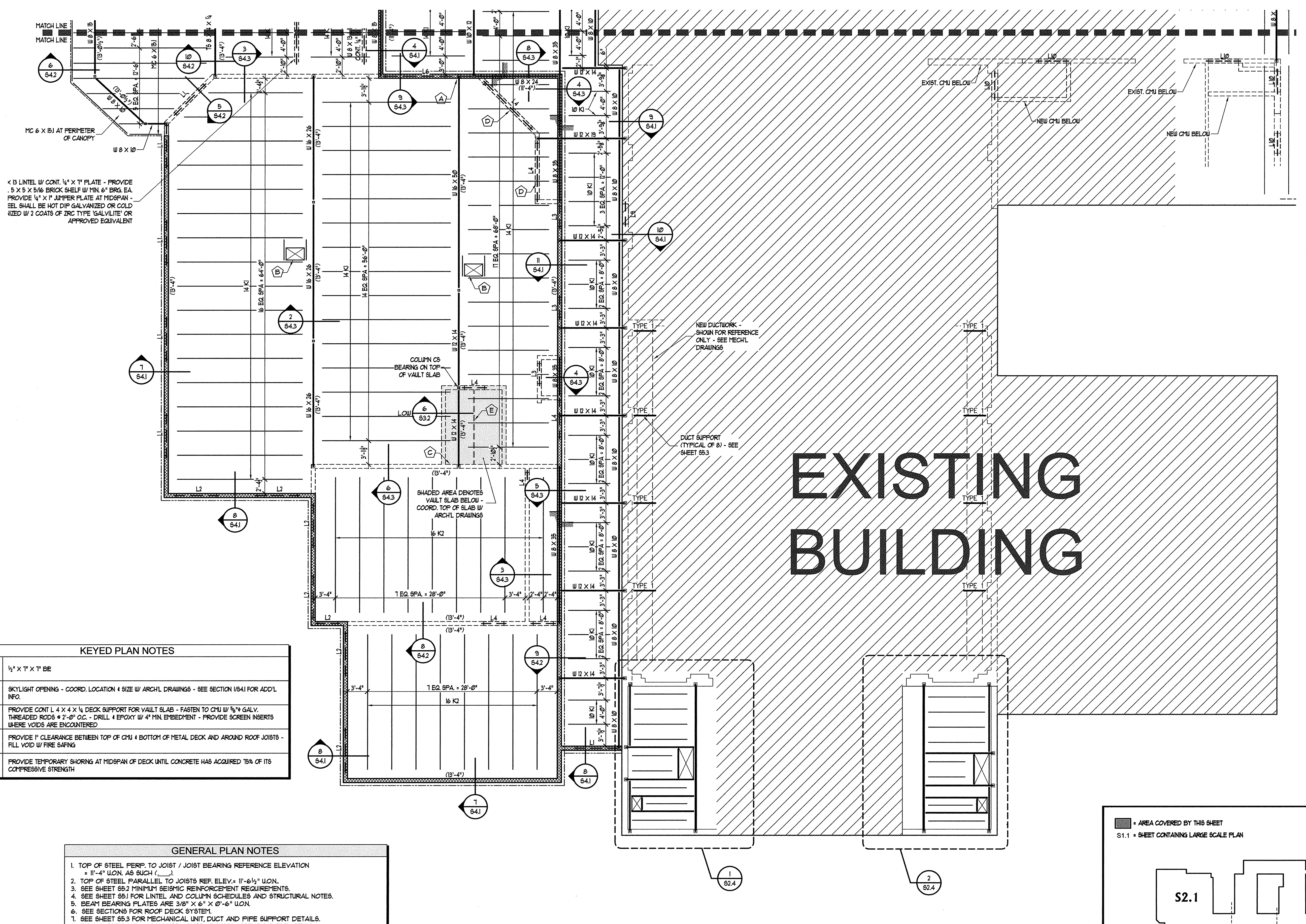
GENERAL PLAN NOTES	
1.	TOP OF STEEL PERP. TO JOIST / JOIST BEARING REFERENCE ELEVATION = 11'-4" U.O.N. AS SUCH ()
2.	TOP OF STEEL PARALLEL TO JOIST REF. ELEV. = 11'-6 1/2" U.O.N.
3.	SEE SHEET 95.2 MINIMUM SEISMIC REINFORCEMENT REQUIREMENTS.
4.	SEE SHEET 95.1 FOR LINTEL AND COLUMN SCHEDULES AND STRUCTURAL NOTES.
5.	BEAM BEARING PLATES ARE 3/8" X 6" X 8'-6" U.O.N.
6.	SEE SECTIONS FOR ROOF DECK SYSTEM.
7.	SEE SHEET 95.3 FOR MECHANICAL UNIT, DUCT, AND PIPE SUPPORT DETAILS.



Date: 08-15-04	
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Designed	KEPA
Drawn	KEPA
Checked	KEPA
Reviewed	KEPA
Scale	AS NOTED
Date	12-15-00
168 PATTON AVENUE ASHEVILLE, NC 28801 828 / 236-9992 facsimile: 828 / 236-9996	
BOWERS ELLIS & WATSON ARCHITECTS PA	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS ENKA MIDDLE SCHOOL	
Drawing Title: Partial Roof Framing Plan Drawing No.: S2.1 OF	

PARTIAL ROOF FRAMING PLAN
1/8"=1'-0"





MC 6 X 10 AT PERIMETER OF CANOPY
 1/2" X 1" X 1" PLATE - PROVIDE .5 X 5 X 5/16 BRICK SHELF W/ MIN. 6" BRG. EA. PROVIDE 1/2" X 1" JUMPER PLATE AT MIDSPAN. SEAL SHALL BE HOT DIP GALVANIZED OR COLD DIPPED W/ 2 COATS OF ZINC TYPE "GALVALITE" OR APPROVED EQUIVALENT

NEW DUCTWORK - SHOWN FOR REFERENCE ONLY - SEE MECH. DRAWINGS
 DUCT SUPPORT (TYPICAL OF 8) - SEE SHEET S5.3

SHADE AREA DENOTES VAULT SLAB BELOW - COORD. TOP OF SLAB W/ ARCH. DRAWINGS

EXISTING BUILDING

KEYED PLAN NOTES

(A)	1/2" X 1" X 1" BE
(B)	SKYLIGHT OPENING - COORD. LOCATION + SIZE W/ ARCH. DRAWINGS - SEE SECTION 1/541 FOR ADDL. INFO.
(C)	PROVIDE CONT. L. 4 X 4 X 1/4" DECK SUPPORT FOR VAULT SLAB - FASTEN TO CHU W/ 3/8" GALV. THREADED RODS @ 2'-0" O.C. - DRILL + EPOXY W/ 4" MIN. EMBEDMENT - PROVIDE SCREEN INSERTS WHERE VOIDS ARE ENCOUNTERED
(D)	PROVIDE 1" CLEARANCE BETWEEN TOP OF CHU + BOTTOM OF METAL DECK AND AROUND ROOF JOISTS - FILL VOID W/ FIRE SAFING
(E)	PROVIDE TEMPORARY SHORING AT MIDSPAN OF DECK UNTIL CONCRETE HAS ACQUIRED 75% OF ITS COMPRESSIVE STRENGTH

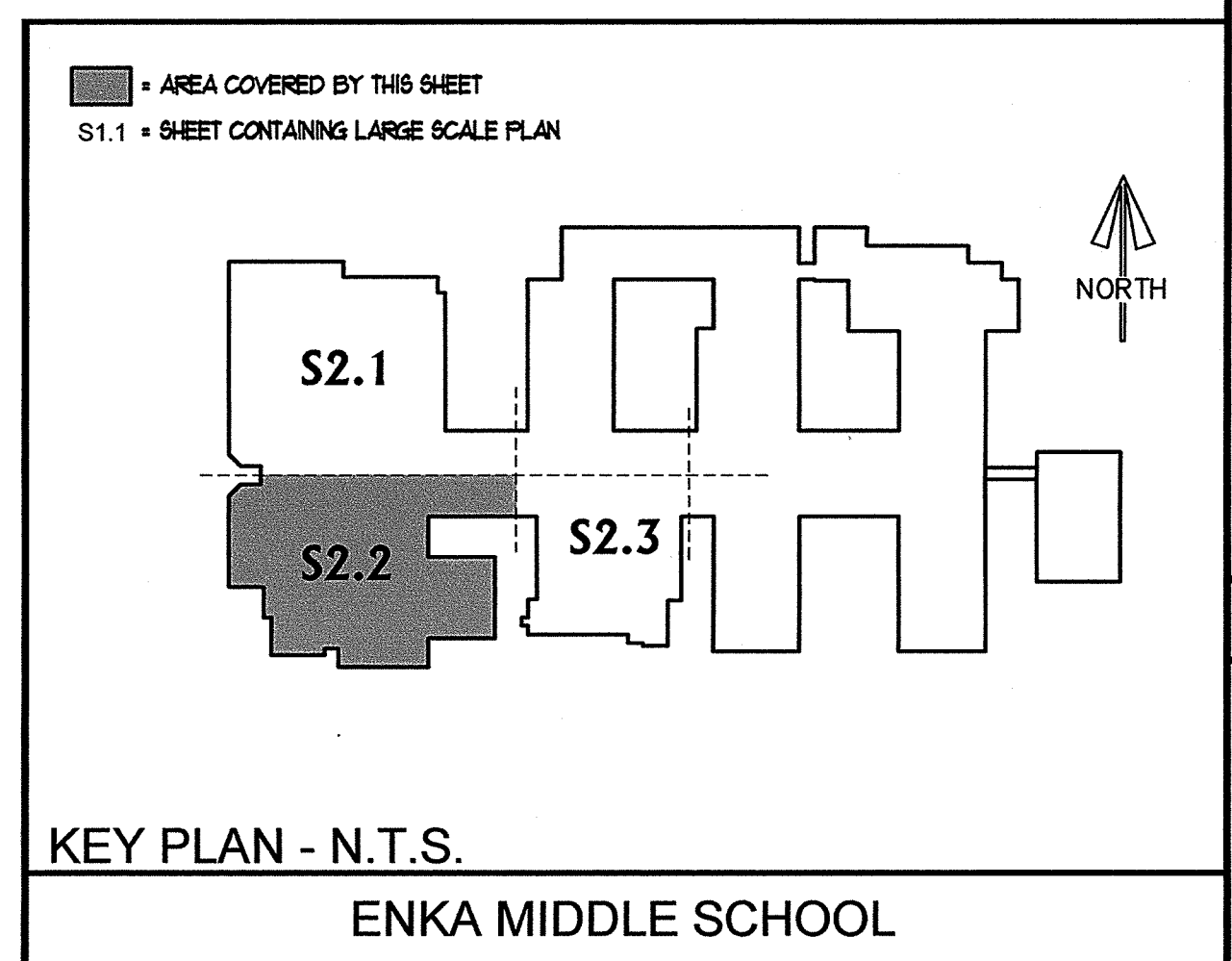
GENERAL PLAN NOTES

- TOP OF STEEL PERP. TO JOIST / JOIST BEARING REFERENCE ELEVATION = 11'-4" U.O.N. AS SUCH ()
- TOP OF STEEL PARALLEL TO JOISTS REF. ELEV. = 11'-6 1/2" U.O.N.
- SEE SHEET S5.2 MINIMUM SEISMIC REINFORCEMENT REQUIREMENTS.
- SEE SHEET S5.1 FOR LINTEL AND COLUMN SCHEDULES AND STRUCTURAL NOTES.
- BEAM BEARING PLATES ARE 3/8" X 6" X 0'-6" U.O.N.
- SEE SECTIONS FOR ROOF DECK SYSTEM.
- SEE SHEET S5.3 FOR MECHANICAL UNIT, DUCT AND PIPE SUPPORT DETAILS.
- TOP OF STEEL PERP. TO JOIST / JOIST BEARING REFERENCE ELEVATION = 10'-5 1/2" U.O.N. AS SUCH () (AT MECH. PLATFORMS)
- TOP OF STEEL PARALLEL TO JOISTS REF. ELEV. = 10'-8" U.O.N. (AT MECH. PLATFORMS)

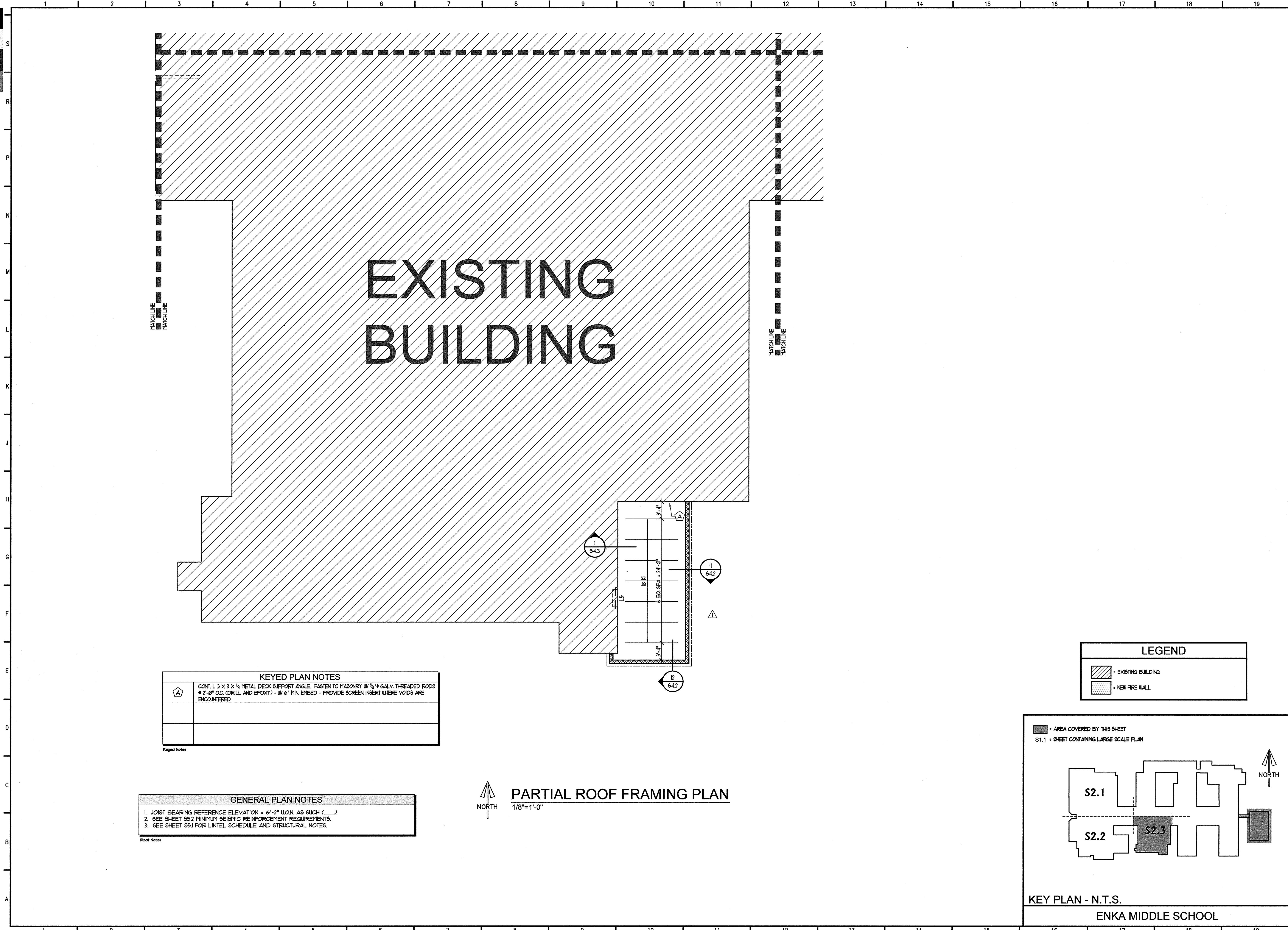
PARTIAL ROOF FRAMING PLAN
 1/8" = 1'-0"

LEGEND

	EXISTING BUILDING
	NEW FIRE WALL



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<p>GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS</p> <p>ENKA MIDDLE SCHOOL</p>		<p>Drawing Title: Partial Roof Framing Plan</p> <p>Drawing No.: S2.2</p> <p>OF</p>				
<p>KLOESEL Engineering, PA</p> <p>881 Merrimon Avenue, Suite 200 Asheville, North Carolina 28801 (828)-255-0780</p>		<p>REVISIONS/SUBMISSIONS</p> <table border="1"> <tr> <th>No.</th> <th>Date</th> </tr> <tr> <td>4-5-BUILT</td> <td>05-15-04</td> </tr> </table>	No.	Date	4-5-BUILT	05-15-04
No.	Date					
4-5-BUILT	05-15-04					
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KEYED PLAN NOTES

CONT. 1 3 X 3 X 1/4 METAL DECK SUPPORT ANGLE. FASTEN TO MASONRY W/ 3/8 GALV. THREADED RODS @ 2'-0" O.C. (DRILL AND EPOXY) - W/ 6" MIN. EMBED - PROVIDE SCREEN INSERT WHERE VOIDS ARE ENCOUNTERED

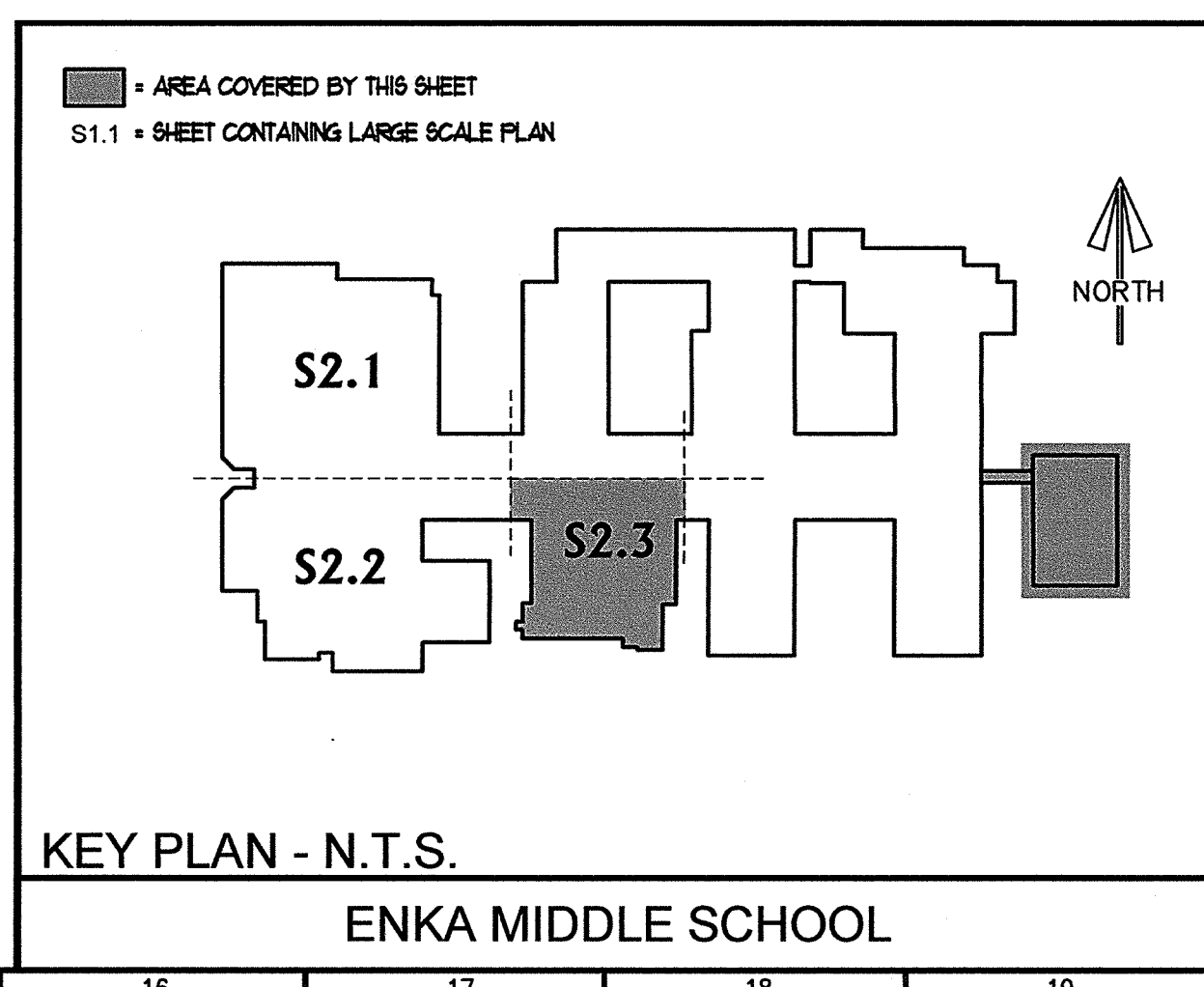
GENERAL PLAN NOTES

1. JOIST BEARING REFERENCE ELEVATION = 6'-2" U.O.N. AS SHOWN.
 2. SEE SHEET 952 MINIMUM SEISMIC REINFORCEMENT REQUIREMENTS.
 3. SEE SHEET 951 FOR LINTEL SCHEDULE AND STRUCTURAL NOTES.

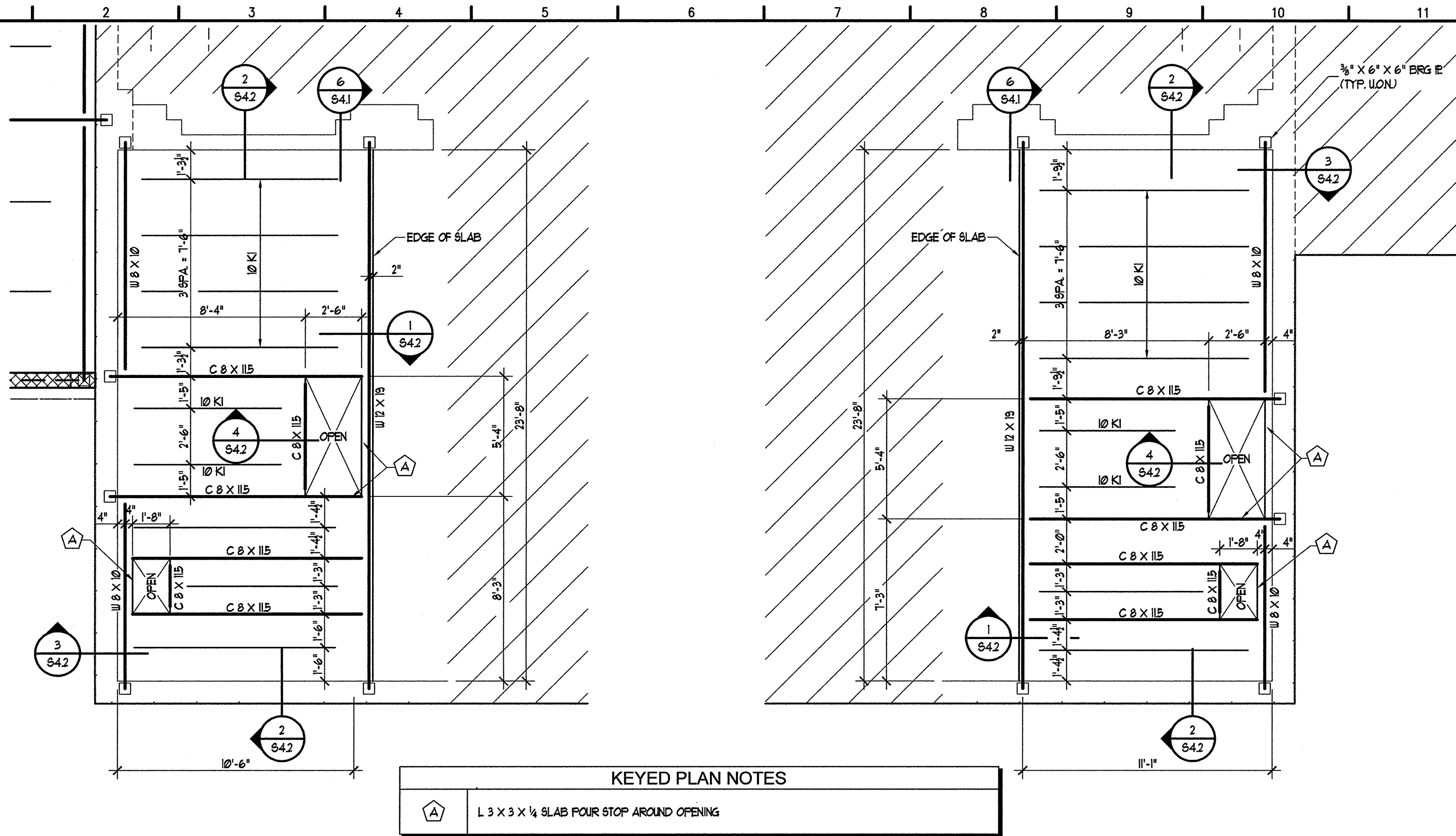
PARTIAL ROOF FRAMING PLAN
 1/8"=1'-0"

LEGEND

[Hatched Box] = EXISTING BUILDING
 [Dotted Box] = NEW FIRE WALL

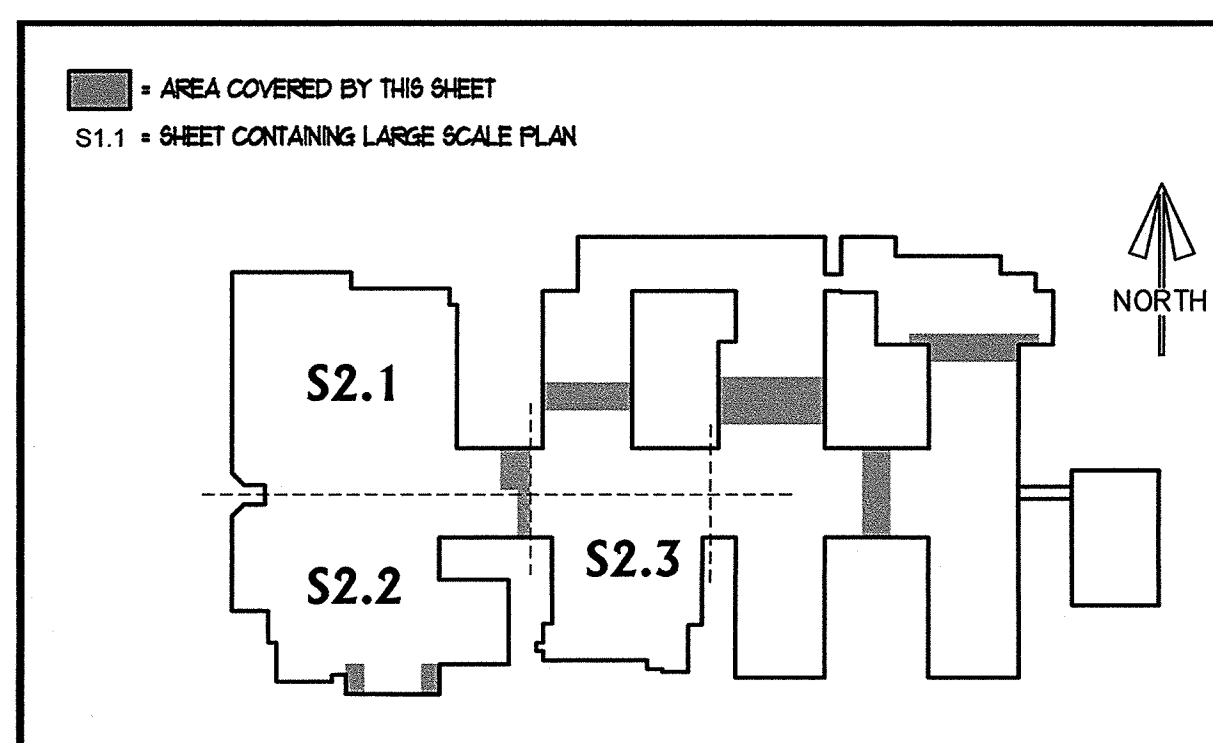
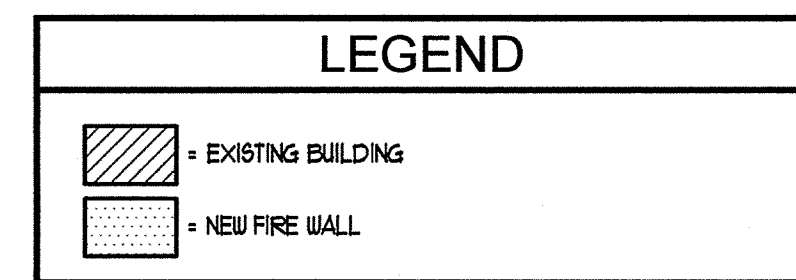
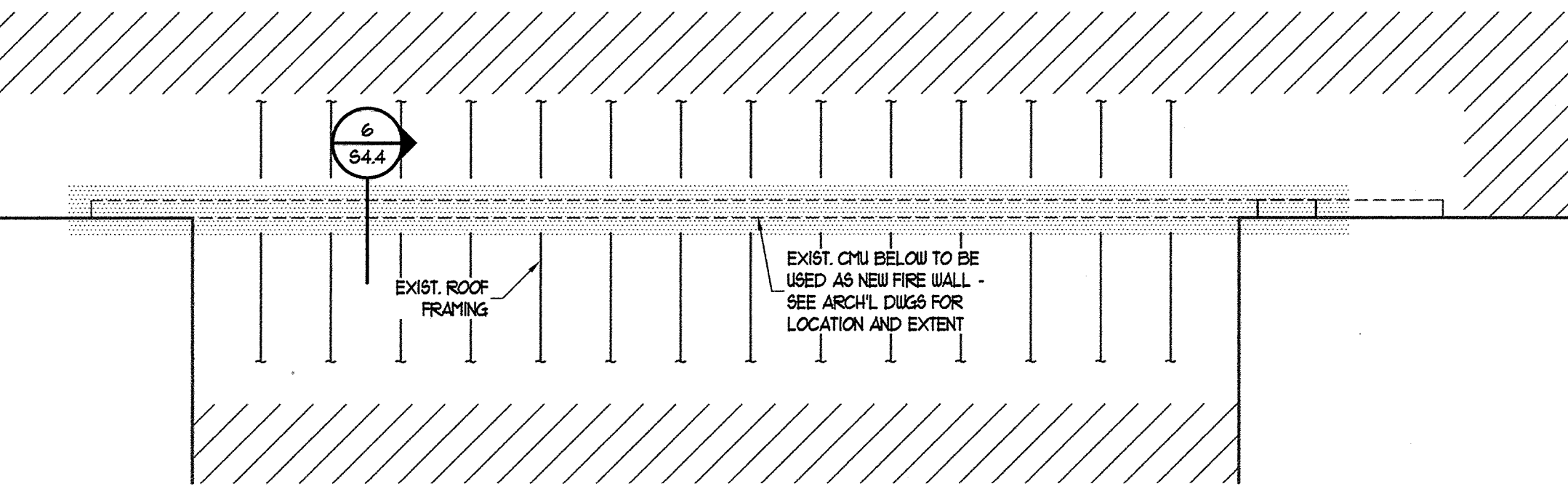
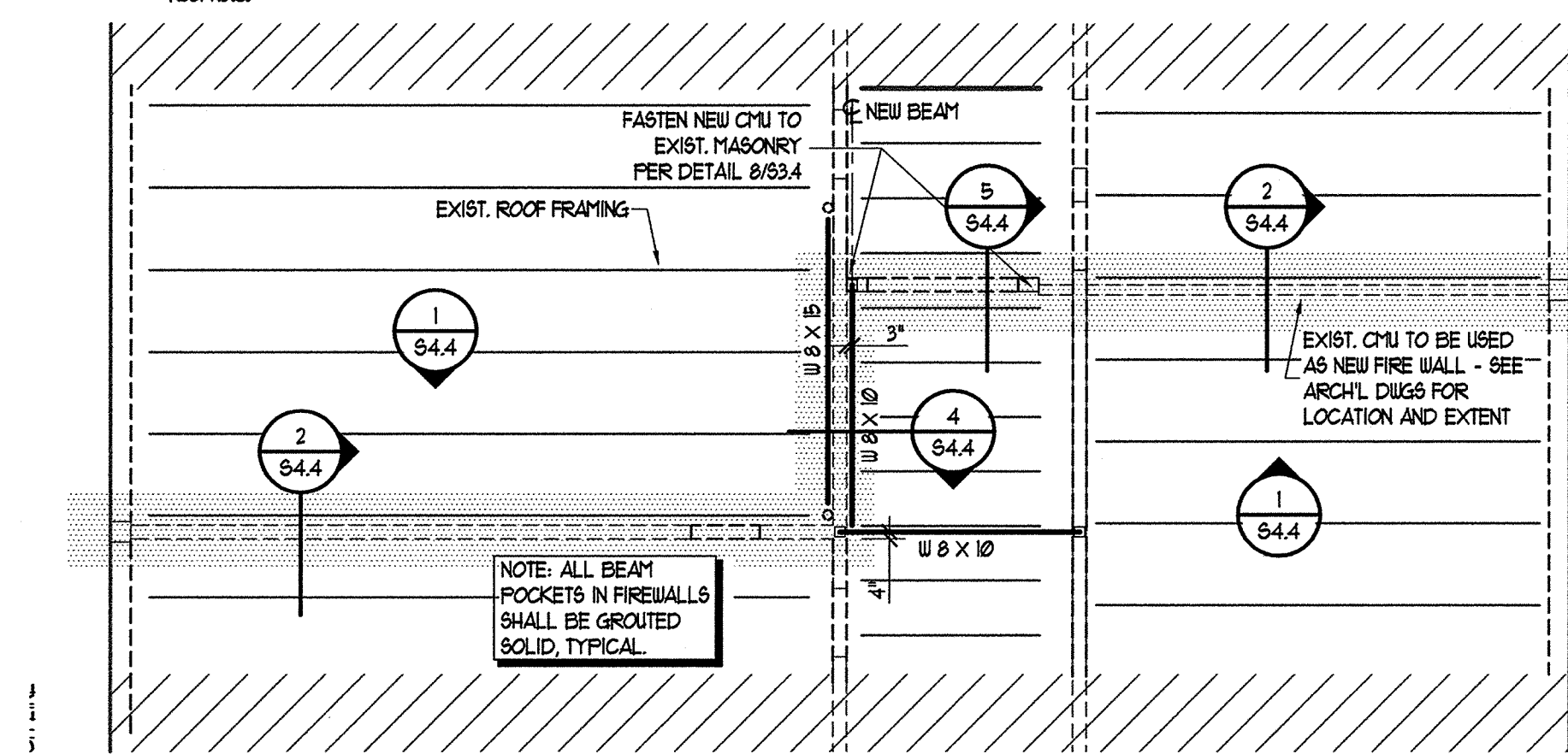
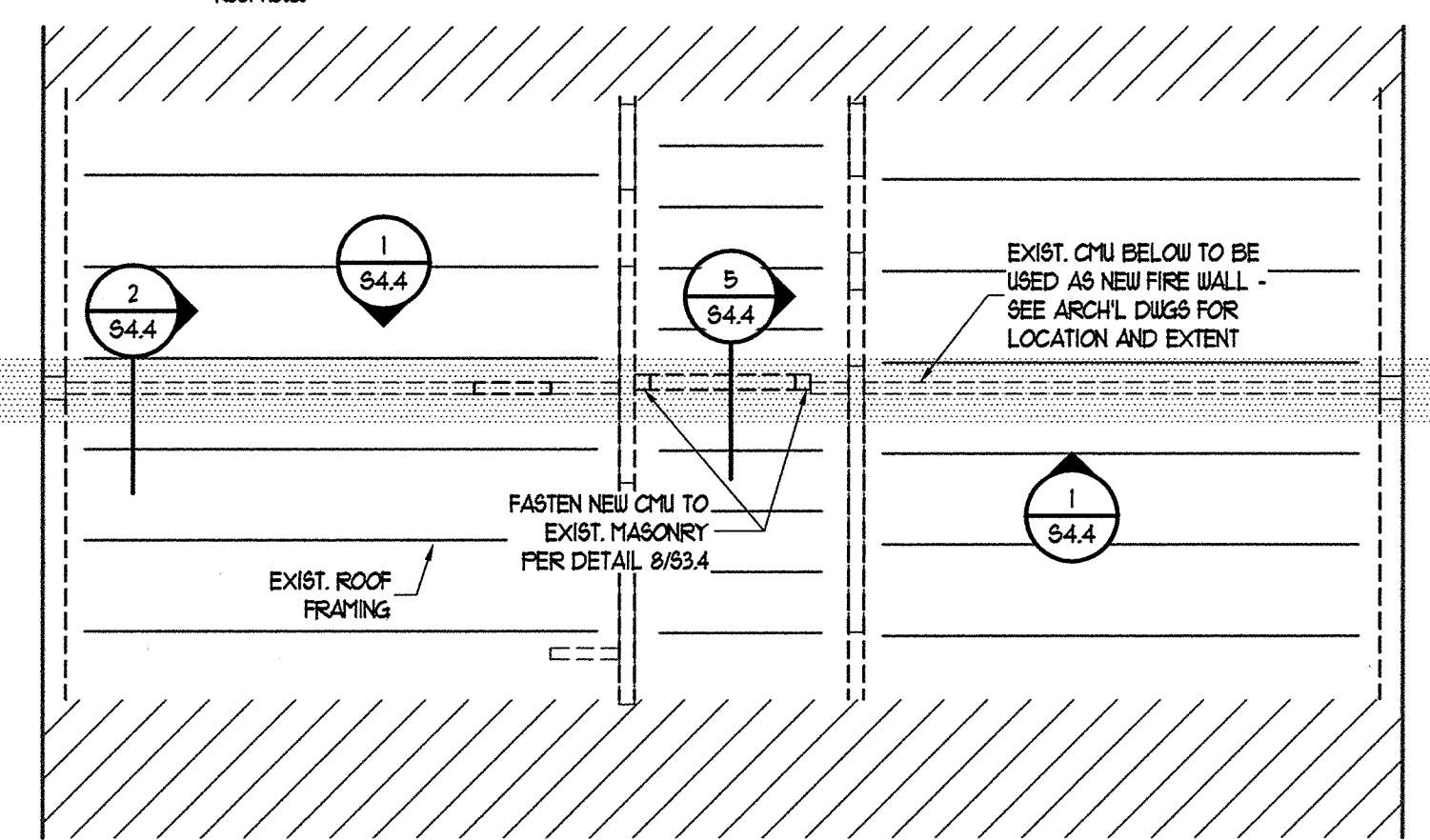
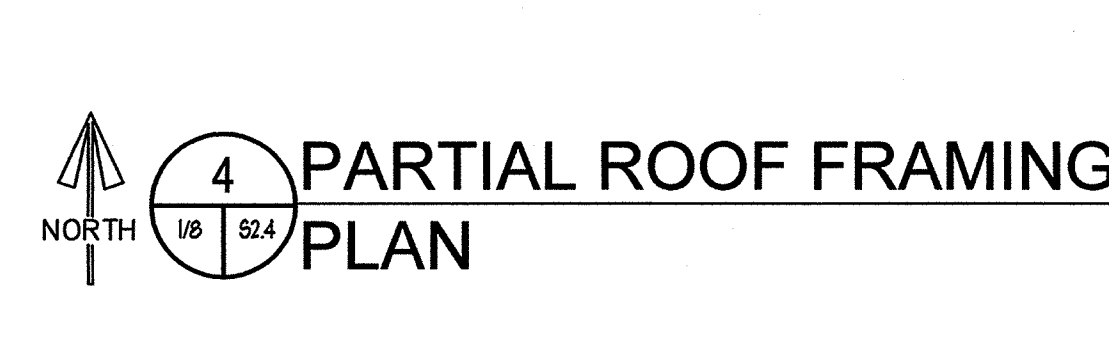
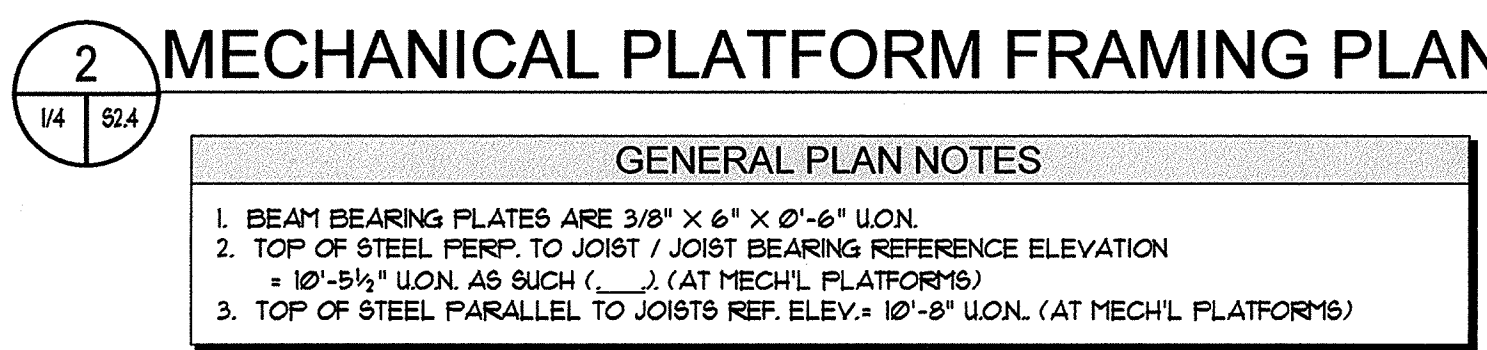
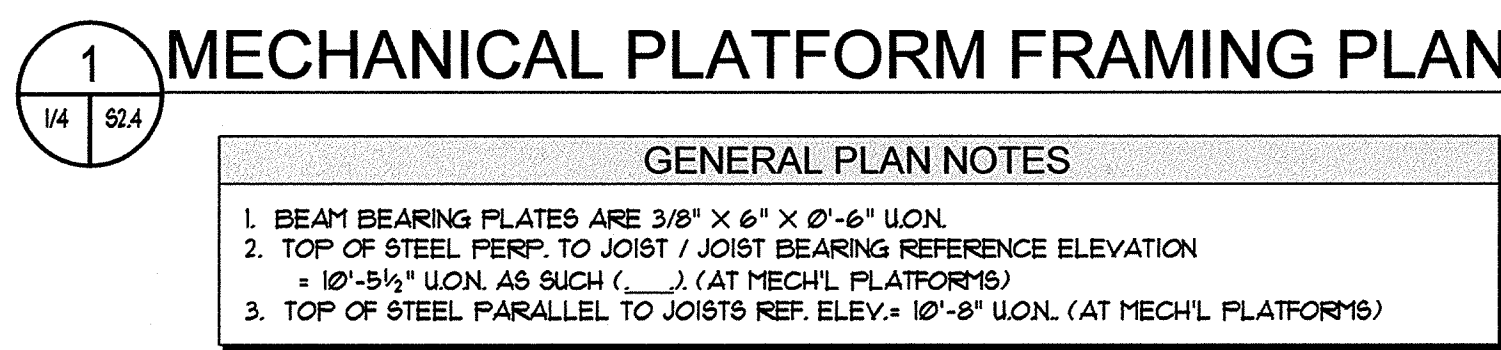
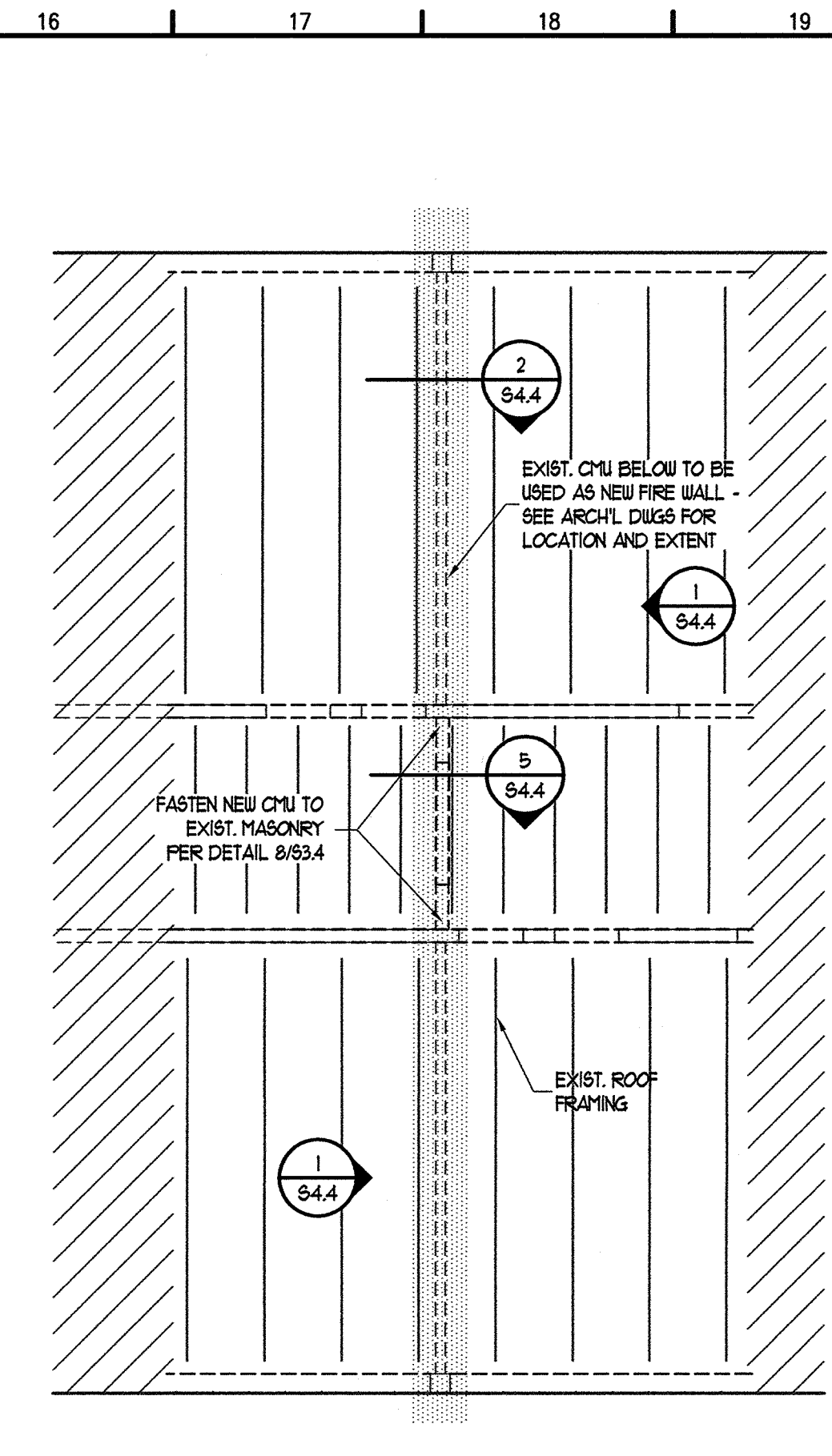
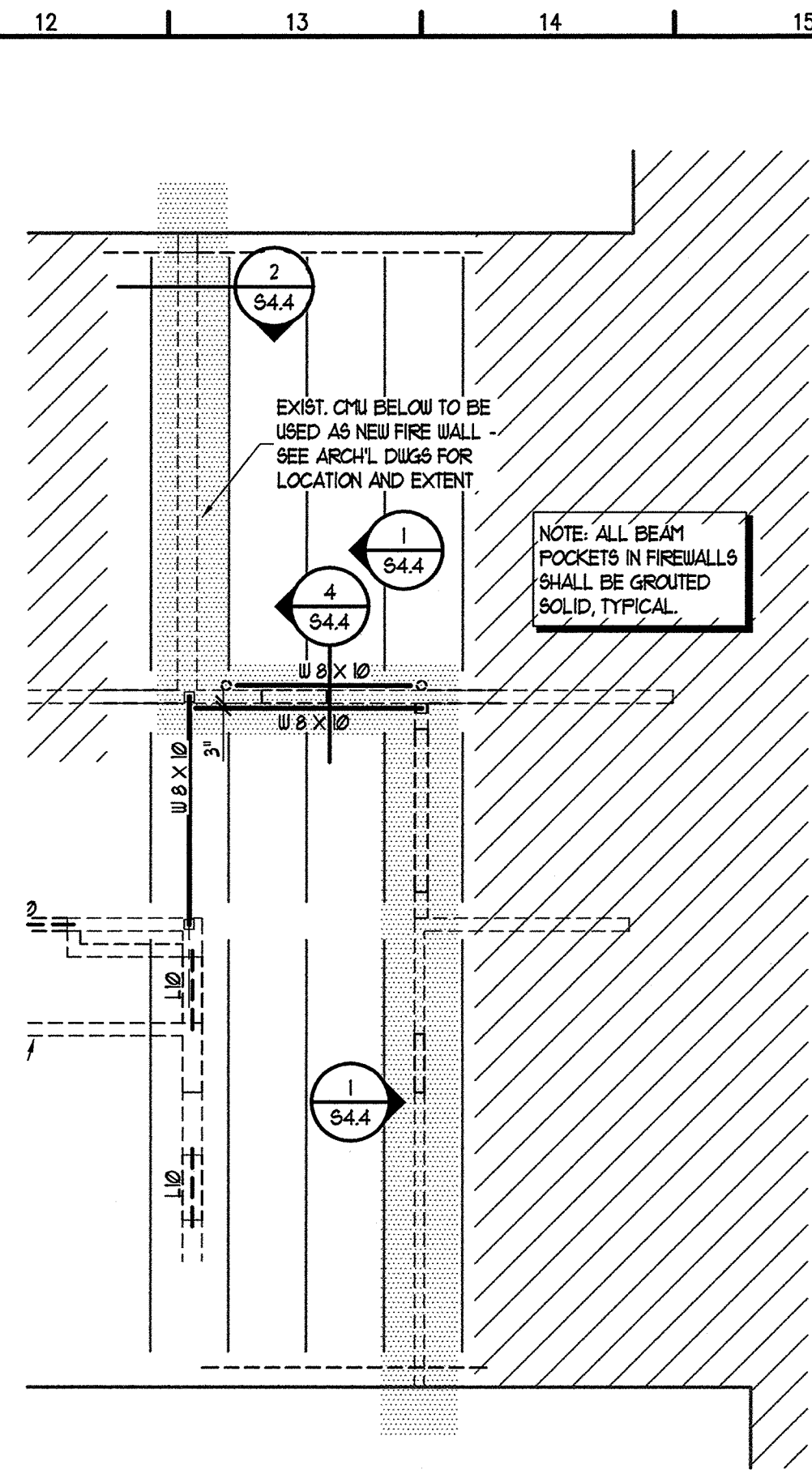


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No.	REVISIONS/SUBMISSIONS	Date								
1	DIMENSIONAL REVISION	6-21-02								
2	AS-BUILT	02-15-04								
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<p>KLOESSEL Engineering, PA 851 Merrimon Avenue, Suite 200 Asheville, North Carolina, 28801 (828) 745-0780</p>										
<p>Designed: KEPA Drawn: KEPA Checked: KEPA Reviewed: KEPA Scale: AS NOTED Date: 12-18-00</p>	<p>168 PATTON AVENUE ASHEVILLE, NC 28801 828 / 236-9992 facsimile: 828 / 236-9996</p>									
<p>BOWERS ELLIS & WATSON ARCHITECTS PA</p>										
<p>GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS</p>										
<p>ENKA MIDDLE SCHOOL</p>										
<p>Drawing Title: Partial Roof Framing Plan</p>										
<p>Drawing No. S2.3 OF</p>										



KEYED PLAN NOTES

(A) L 3 X 3 X 1/4 SLAB FOUR STOP AROUND OPENING



KEY PLAN - N.T.S.
ENKA MIDDLE SCHOOL

REVISIONS/SUBMISSIONS No. Description Date	AS-BUILT 03-15-04
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168 PATTON AVENUE ASHEVILLE, NC 28801 828 / 236-9992 facsimile: 828 / 236-9996	
BOWERS ELLIS & WATSON ARCHITECTS P.A.	
GROUP 3 - RENOVATIONS FOR BUNCOMBE COUNTY SCHOOLS ENKA MIDDLE SCHOOL	
Drawing Title: Enlarged Framing Plans Drawing No.: S2.4 OF	