

Two Story, Type II - 1 Hour, 54,806 S.F.
Allowable Area (2 Sides Open) = 40,400 S.F.
W/Sprinklers $\times 2$
Total OCC Load = 5,123
Total Capacity of Exits = 5,450

Single Story, Type II-N, 34,590 S.F.
Allowable Area = 13,500 S.F.
W/Sprinklers $\times 3$
Total OCC Load = 540
Total Capacity of Exits = 900

Two Story, Type II - 1 Hour, 26,248 S.F.
Allowable Area (2 Sides Open) = 30,300 S.F.
Sprinklers Used for Substitution of One Hour Protection
Total OCC Load = 483
Total Capacity of Exits = 1,200

Two Story, Type II - 1 Hour, 26,944 S.F.
Allowable Area (2 Sides Open) = 30,300 S.F.
Sprinklers Used for Substitution of One Hour Protection
Total OCC Load = 486
Total Capacity of Exits = 1,650

Two Story, Type II - 1 Hour, 58,761 S.F.
Allowable Area (2 Sides Open) = 30,300 S.F.
W/Sprinklers $\times 2$
Total OCC Load = 1,611
Total Capacity of Exits = 2,400

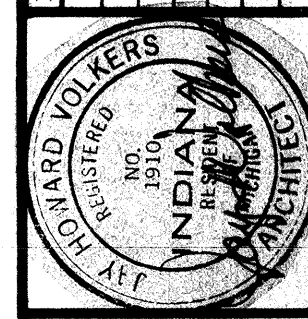
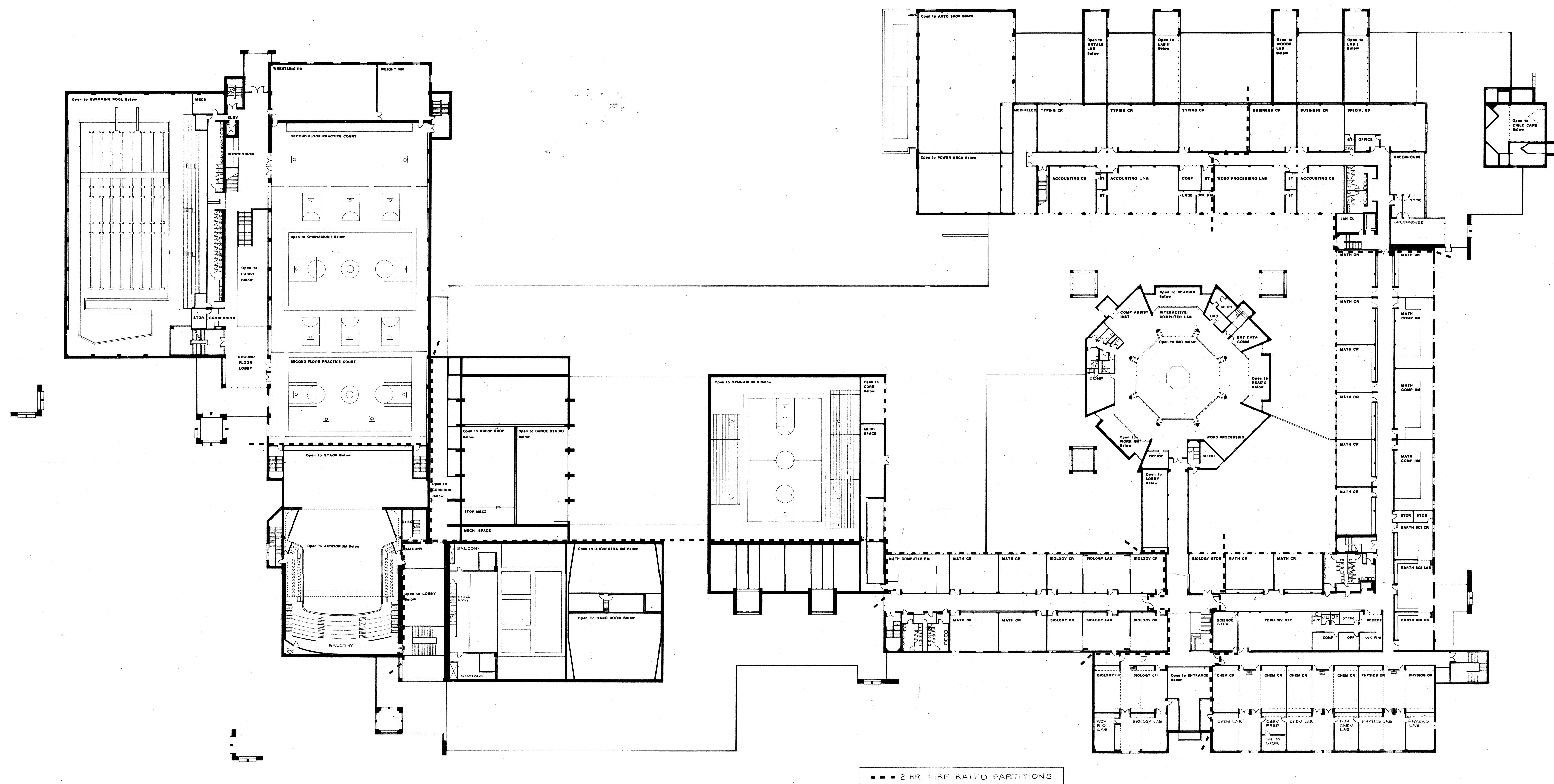
Two Story, Type II - 1 Hour, 15,661 S.F.
Allowable Area (2 Sides Open) = 30,300 S.F.
Sprinklers Used for Substitution of One Hour Protection
Total OCC Load = 1,100
Total Capacity of Exits = 1,120

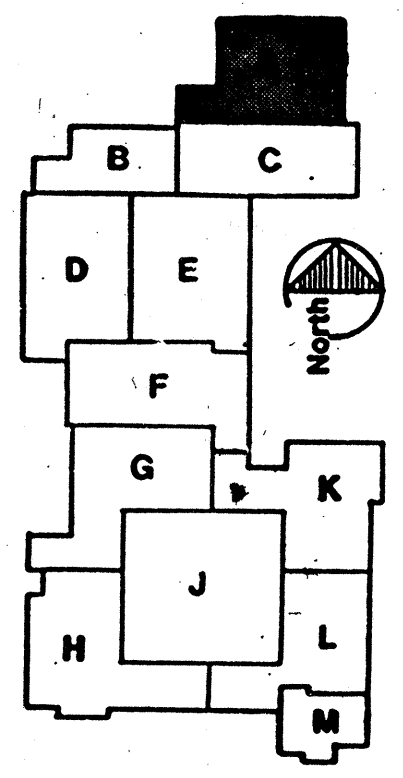
Single Story, Type II-N, 34,671 S.F.
Allowable Area = 13,500 S.F.
W/Sprinklers $\times 3$
Total OCC Load = 400
Total Capacity of Exits = 900

Two Story, Type II - 1 Hour, 11,000 S.F.
Allowable Area = 20,200 S.F.
W/Sprinklers $\times 2$
Total OCC Load = 286
Total Capacity of Exits = 800

Two Story, Type II - 1 Hour, 38,330 S.F.
Allowable Area = 20,200 S.F.
W/Sprinklers $\times 2$
Total OCC Load = 947
Total Capacity of Exits = 2,500

2 HR FIRE RATED PARTITIONS

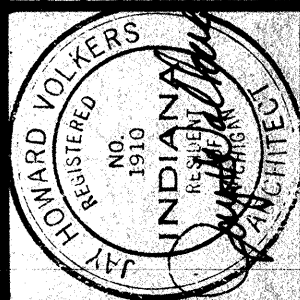
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Daverman/HMFH
Associated Architects & Engineers

82 Ionia, N.W.
Grand Rapids, Michigan 49503-3044
Telephone: (616) 458-3500

Revision No.	Date	Remarks	By
	" "		DR
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			APP
FEB. 11, 1987		BIDS & CONSTRUCTION	IN CHARGE



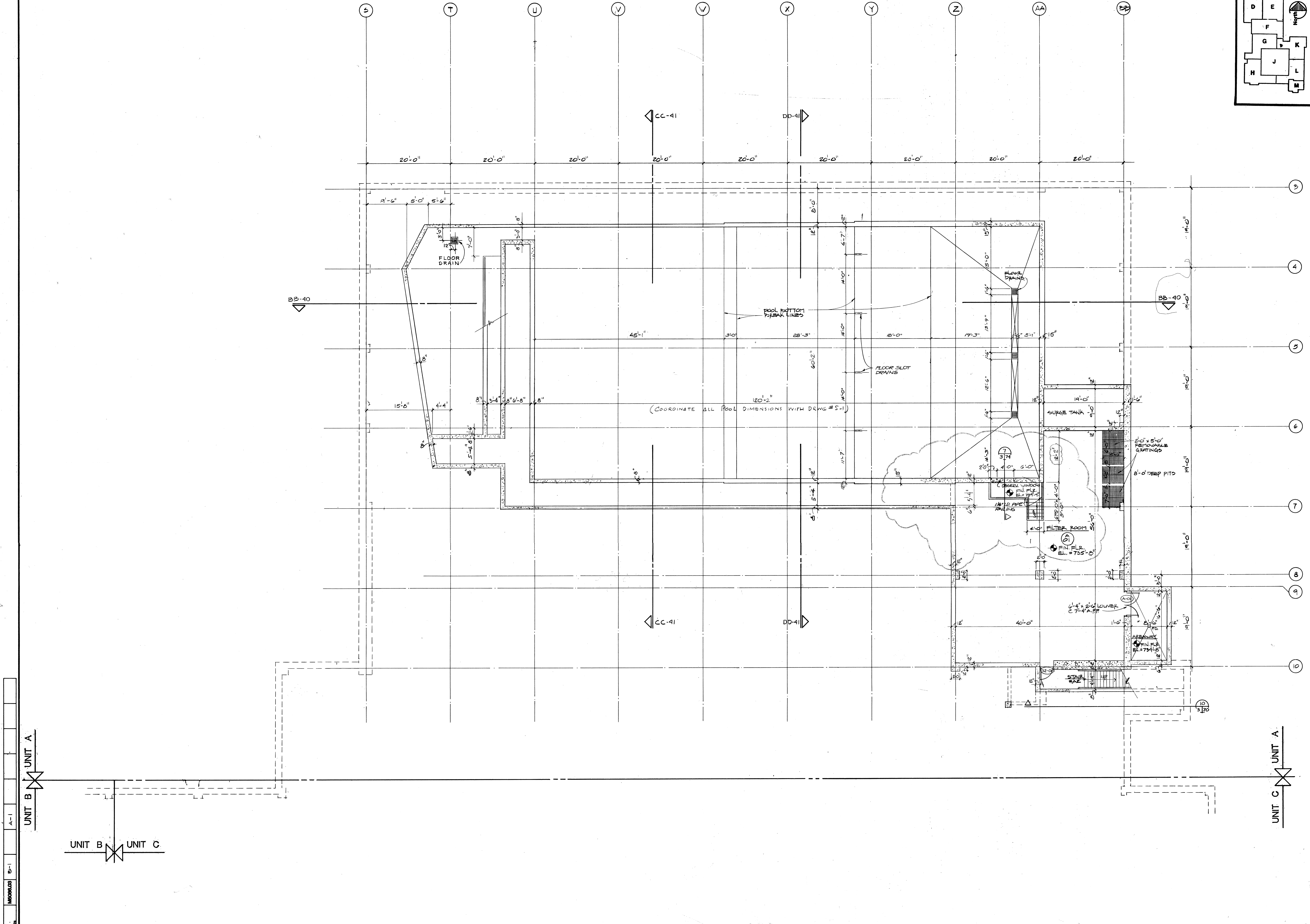
Unit A - Basement Floor Plan

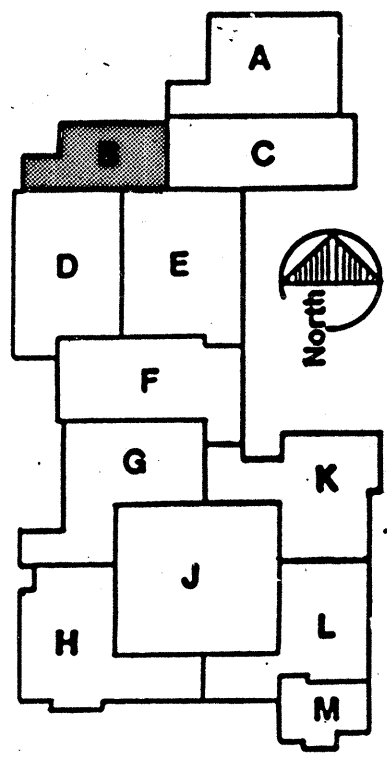
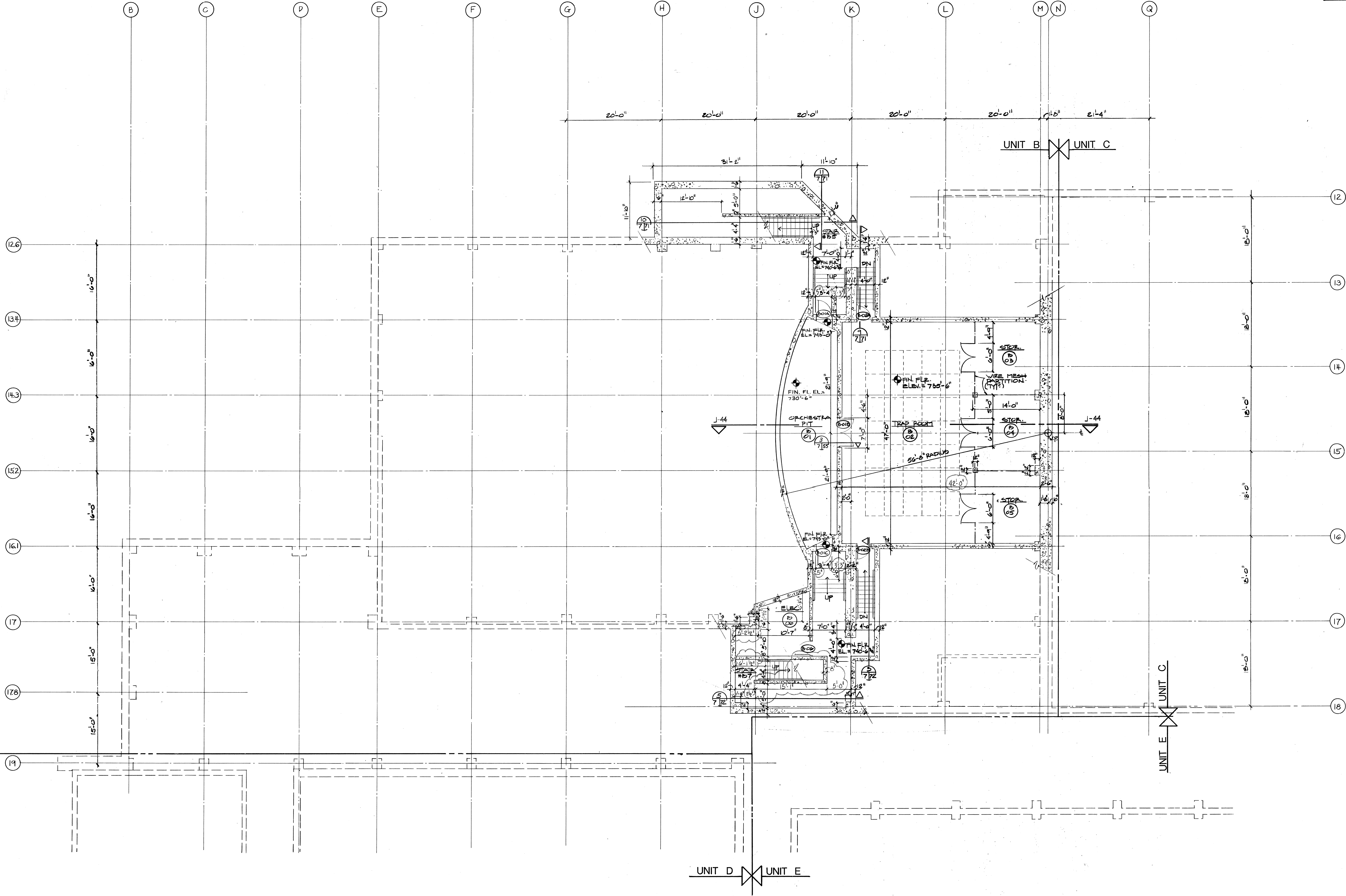
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

Drawing Number

3

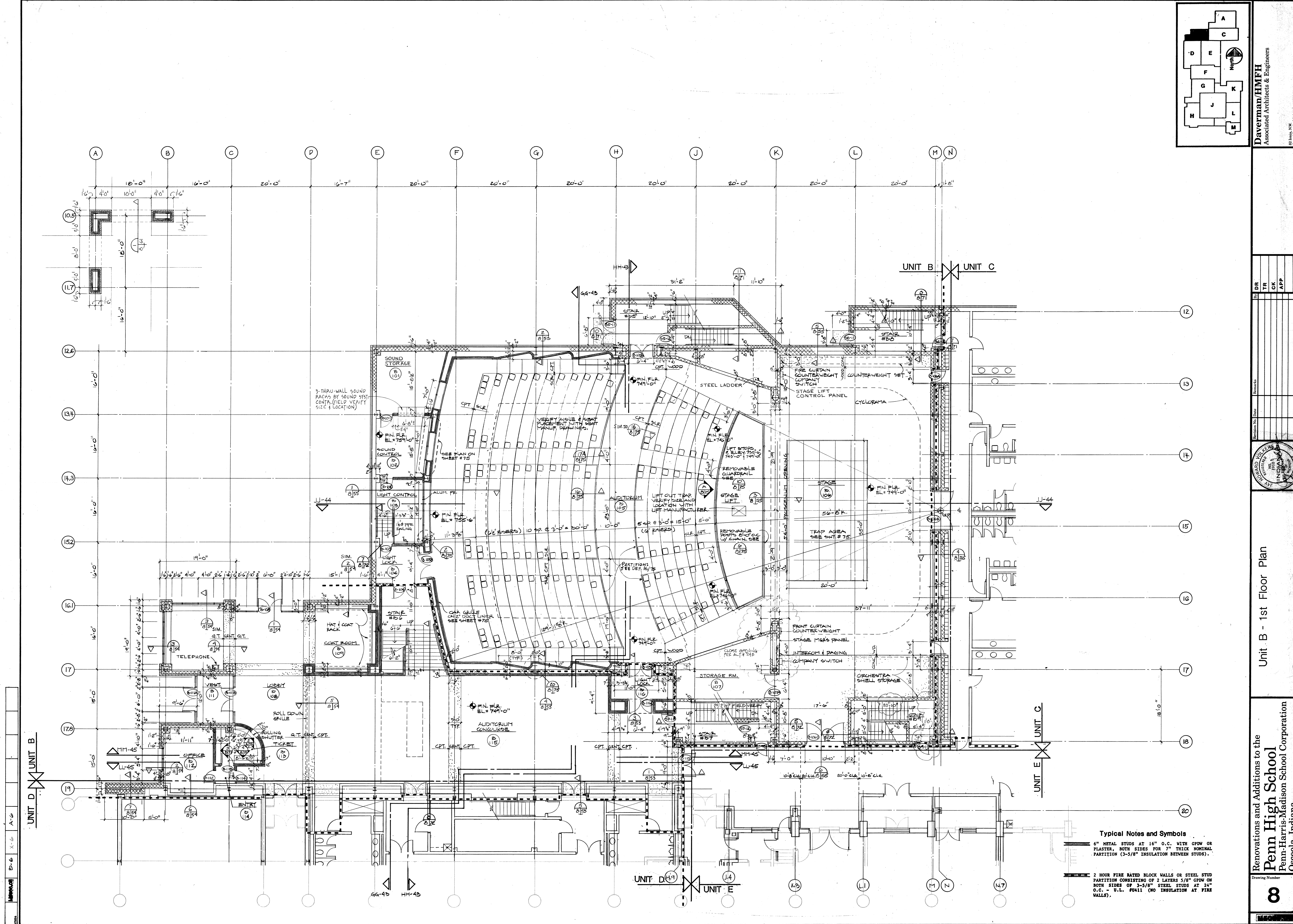
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Unit B - Basement Floor Plan



Typical Notes and Symbols

6" METAL STUDS AT 16" O.C. WITH GPM OR PLASTER, BOTH SIDES FOR 7" THICK NOMINAL PARTITION (3-5/8" INSULATION BETWEEN STUDS).

2 HOUR FIRE RATED BLOCK WALLS OR STEEL STUD PARTITION CONSISTING OF 2 LAYERS 5/8" GPM ON BOTH SIDES OF 3-5/8" STEEL STUDS AT 24" O.C. - U.L. #0411 (NO INSULATION AT FIRE WALLS).

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REVISIONS

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DAVERMAN/HMFH

Associated Architects & Engineers

230 North, NW

Grand Rapids, Michigan 49503-3944

Telephone: 616/965-9000

Unit B - 1st Floor Plan

Renovations and Additions to the

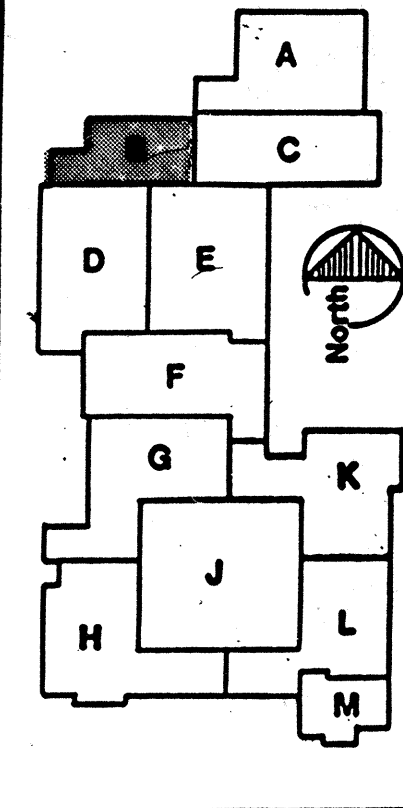
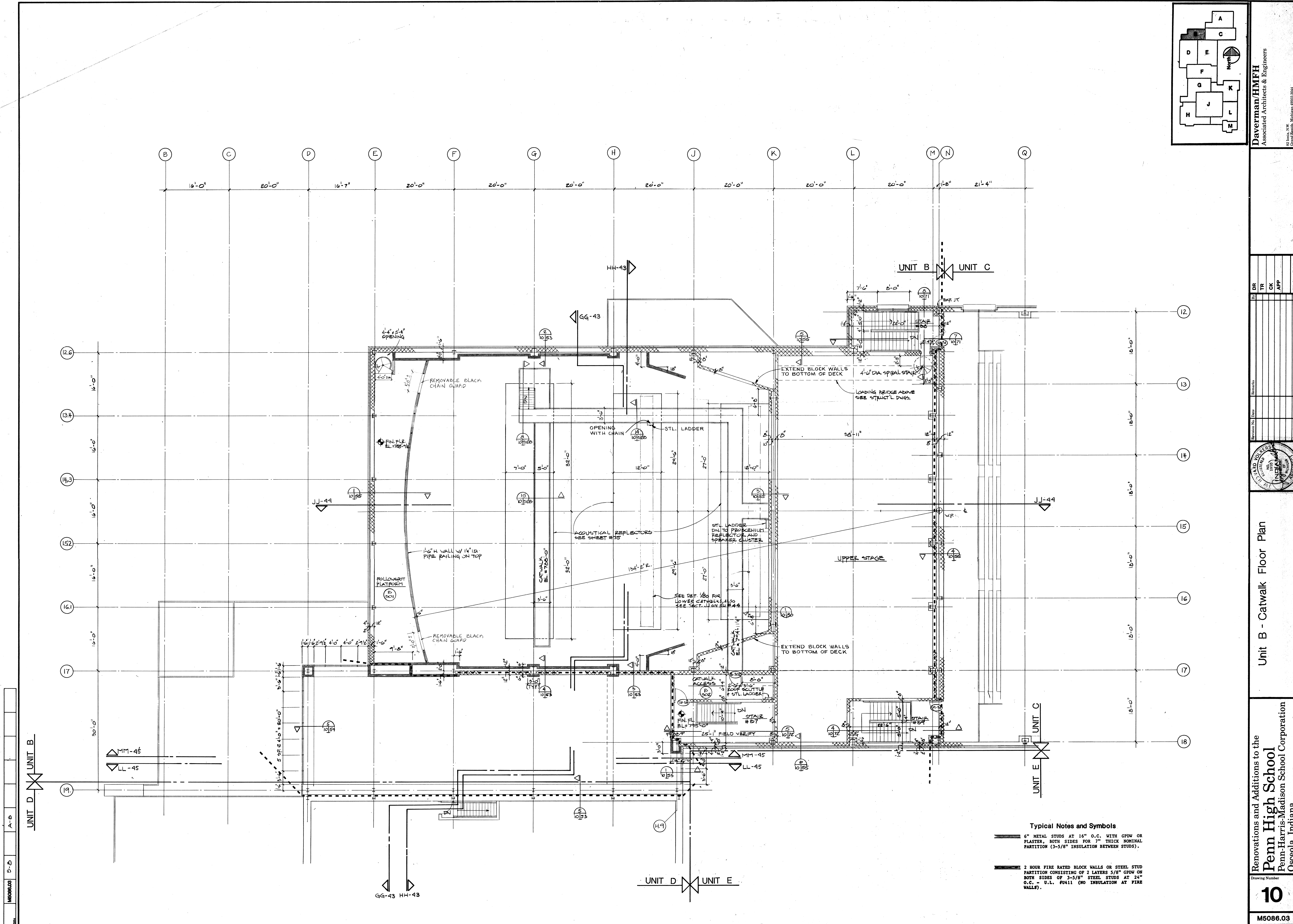
Penn High School

Penn-Harris-Madison School Corporation

Osceola, Indiana

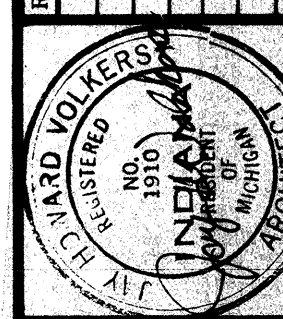
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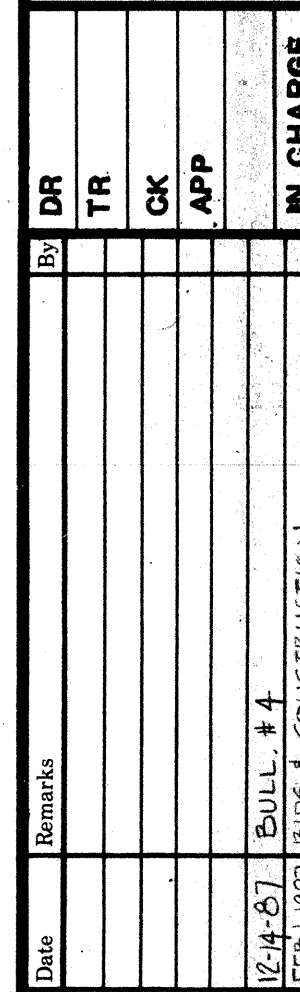
Daverman/HMFH
Associated Architects & Engineers
62 Penn. Ave., Suite 200, Harrisburg, PA 17101
Telephone: (717) 633-3300

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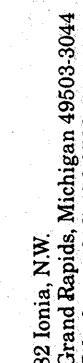


Unit B - Catwalk Floor Plan

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana



Unit C - 1st Floor Plan



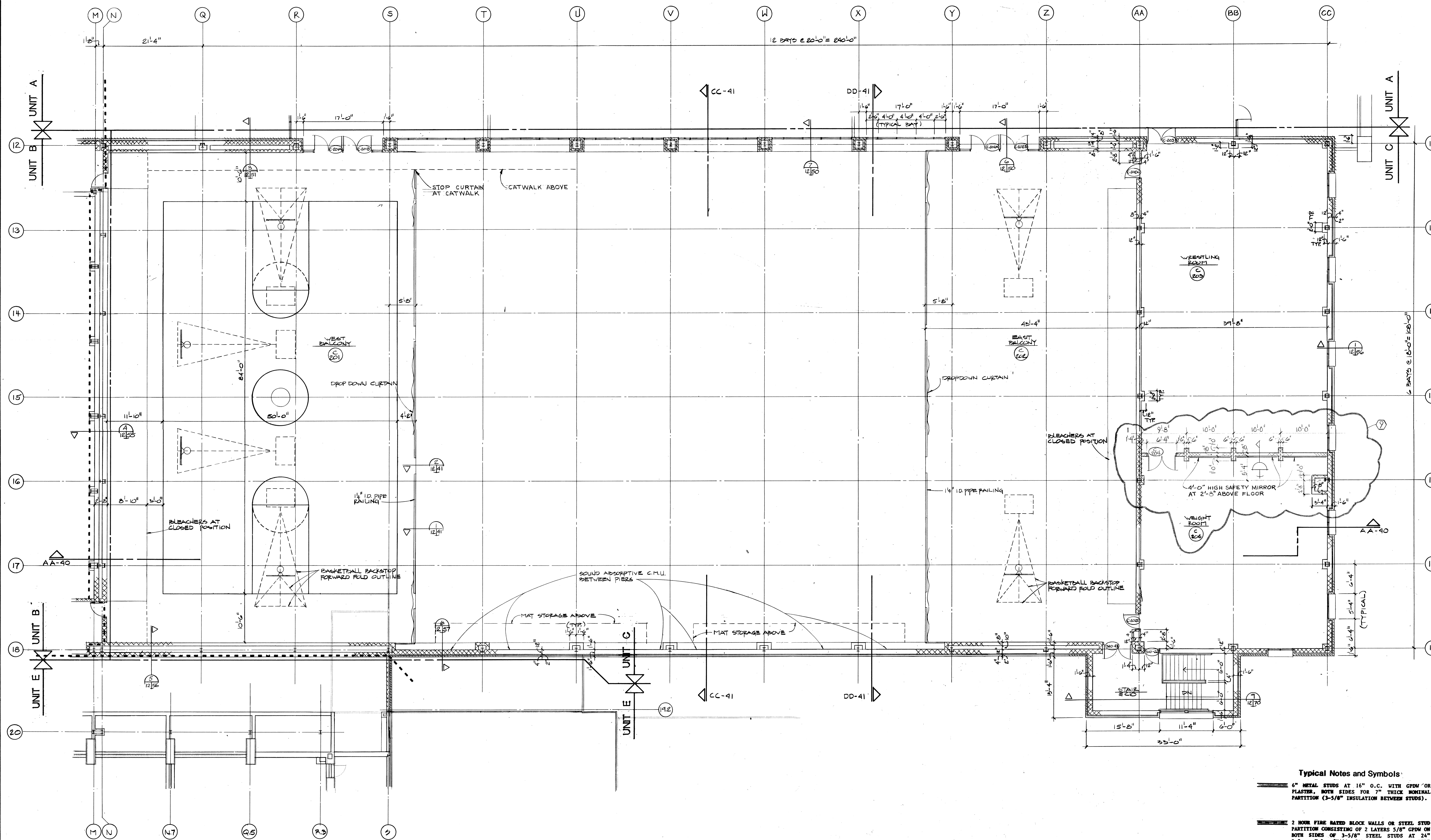
Unit C - 2nd Floor Plan

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

Drawing Number

12

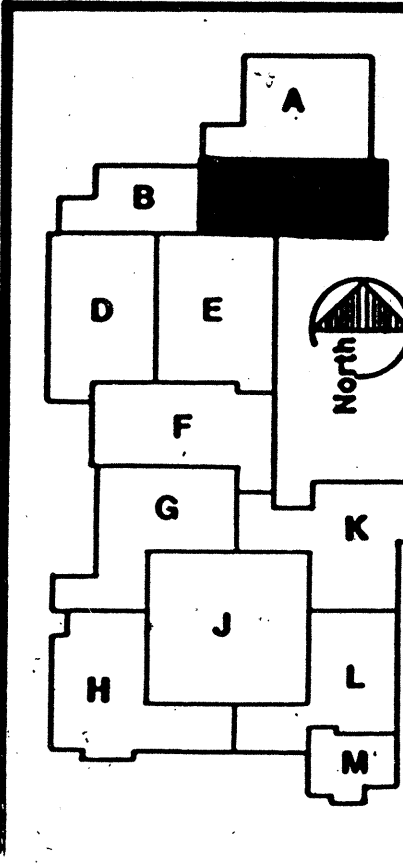
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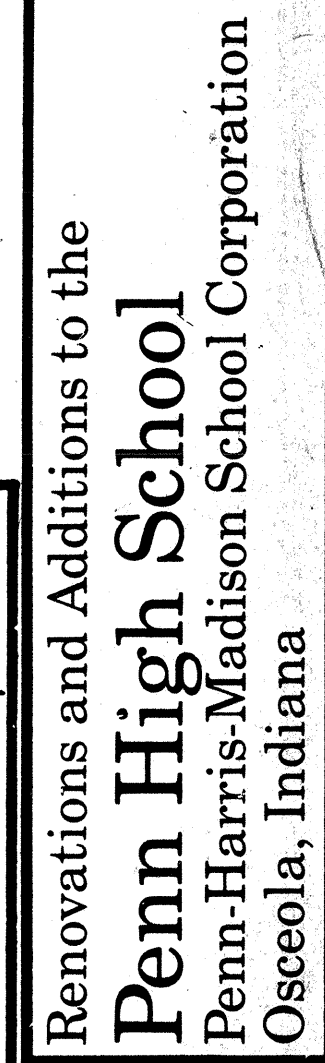
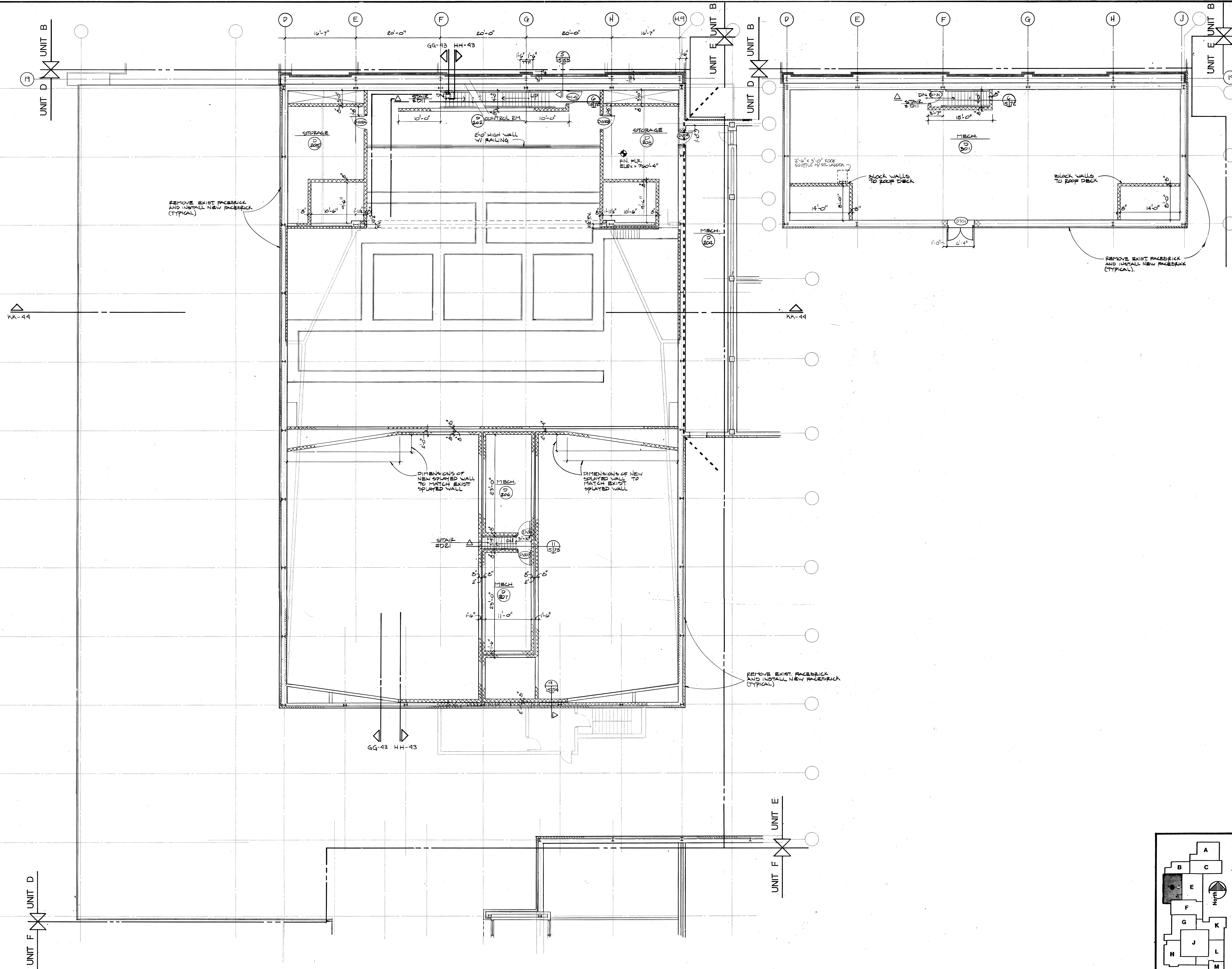
Typical Notes and Symbols

6" METAL STUDS AT 16" O.C. WITH GPDW OR PLASTER, BOTH SIDES FOR 7" THICK NOMINAL PARTITION (3-5/8" INSULATION BETWEEN STUDS).

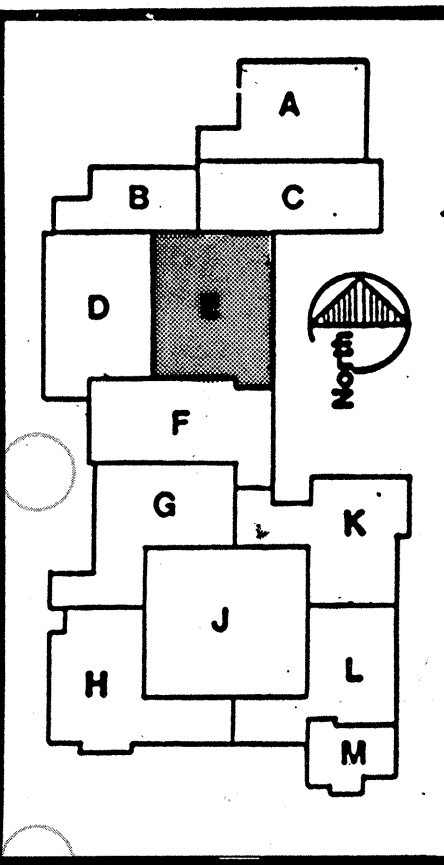
2 HOUR FIRE RATED BLOCK WALLS OR STEEL STUD PARTITION CONSISTING OF 2 LAYERS 5/8" GPDW ON BOTH SIDES OF 3-5/8" STEEL STUDS AT 24" O.C. - U.L. #U411 (NO INSULATION AT FIRE WALLS).







Revision No.	Date	Remarks	By	DR
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Revision No.	Date	Remarks	By
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Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

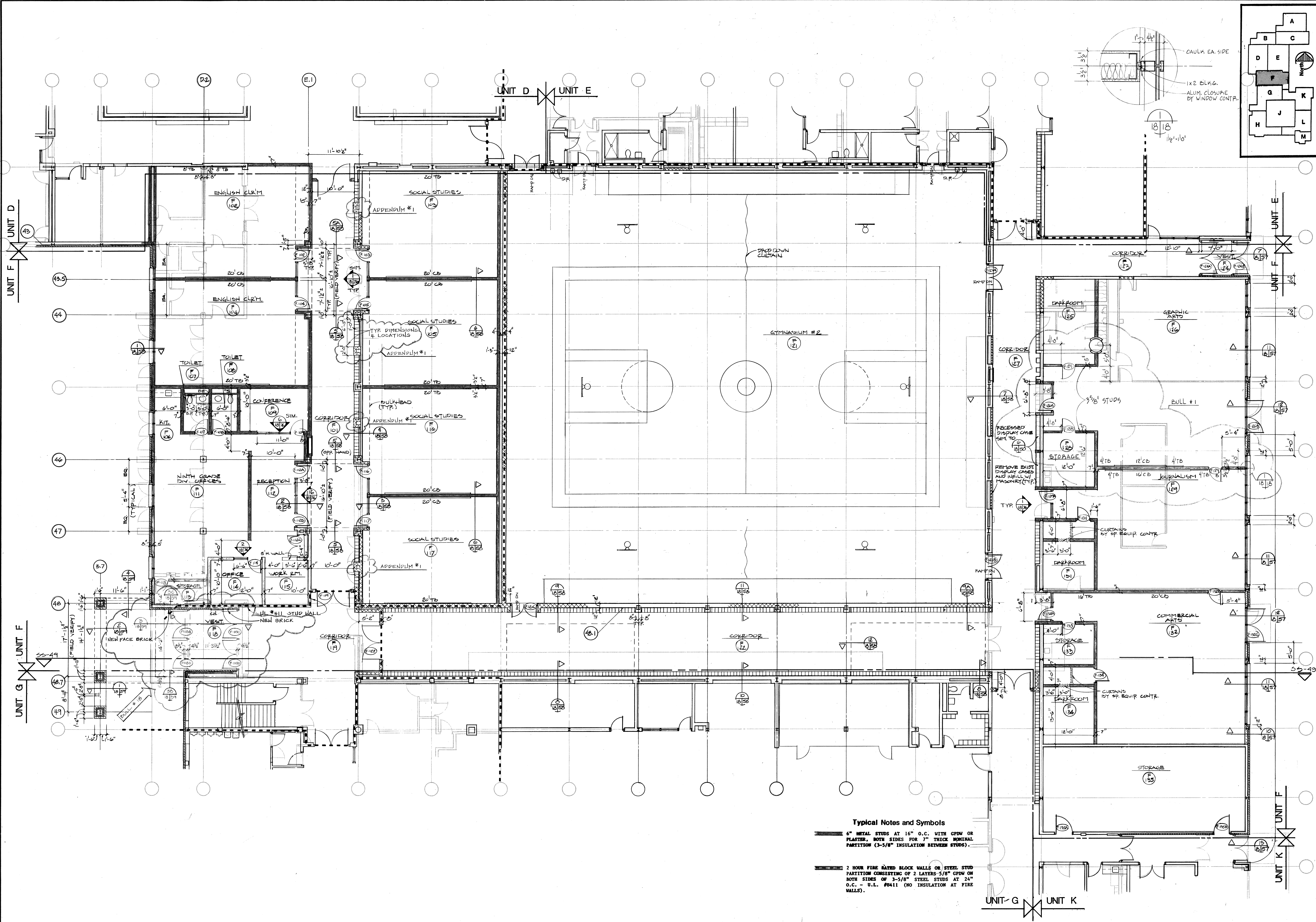
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Typical Notes and Symbols

6" METAL STUDS AT 16" O.C. WITH GPDW OR PLASTER, BOTH SIDES FOR 7" THICK NOMINAL PARTITION (3-5/8" INSULATION BETWEEN STUDS).

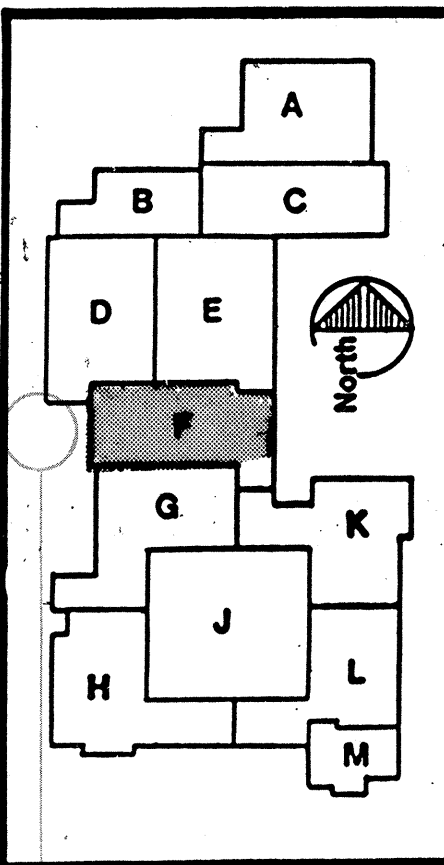
2 HOUR FIRE RATED BLOCK WALLS OR STEEL STUD PARTITION CONSISTING OF 2 LAYERS 5/8" GPDW ON BOTH SIDES OF 3-5/8" STEEL STUDS AT 24" O.C. - U.L. #0411 (NO INSULATION AT FIRE WALLS).



Typical Notes and Symbols

6" METAL STUDS AT 16" O.C. WITH GPM OR PLASTER, BOTH SIDES FOR 7" THICK NOMINAL PARTITION (3-5/8" INSULATION BETWEEN STUDS).

2 HOUR FIRE RATED BLOCK WALLS OR STEEL STUD PARTITION CONSISTING OF 2 LAYERS 5/8" CPW ON BOTH SIDES OF 3-5/8" STEEL STUDS AT 24" O.C. - U.L. #9411 (NO INSULATION AT FIRE WALLS).

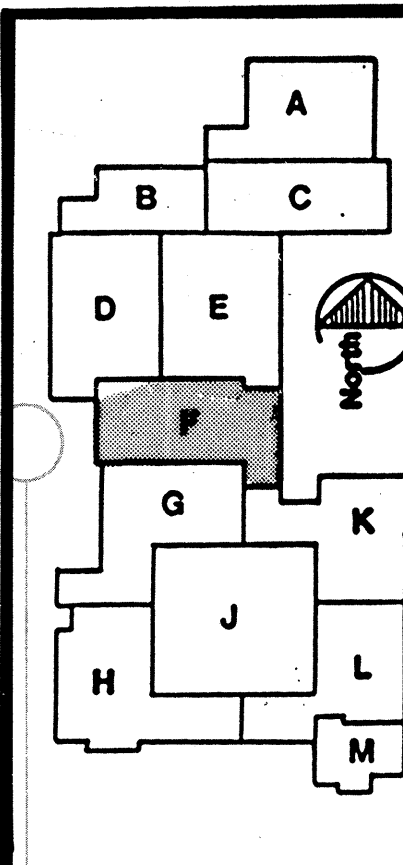
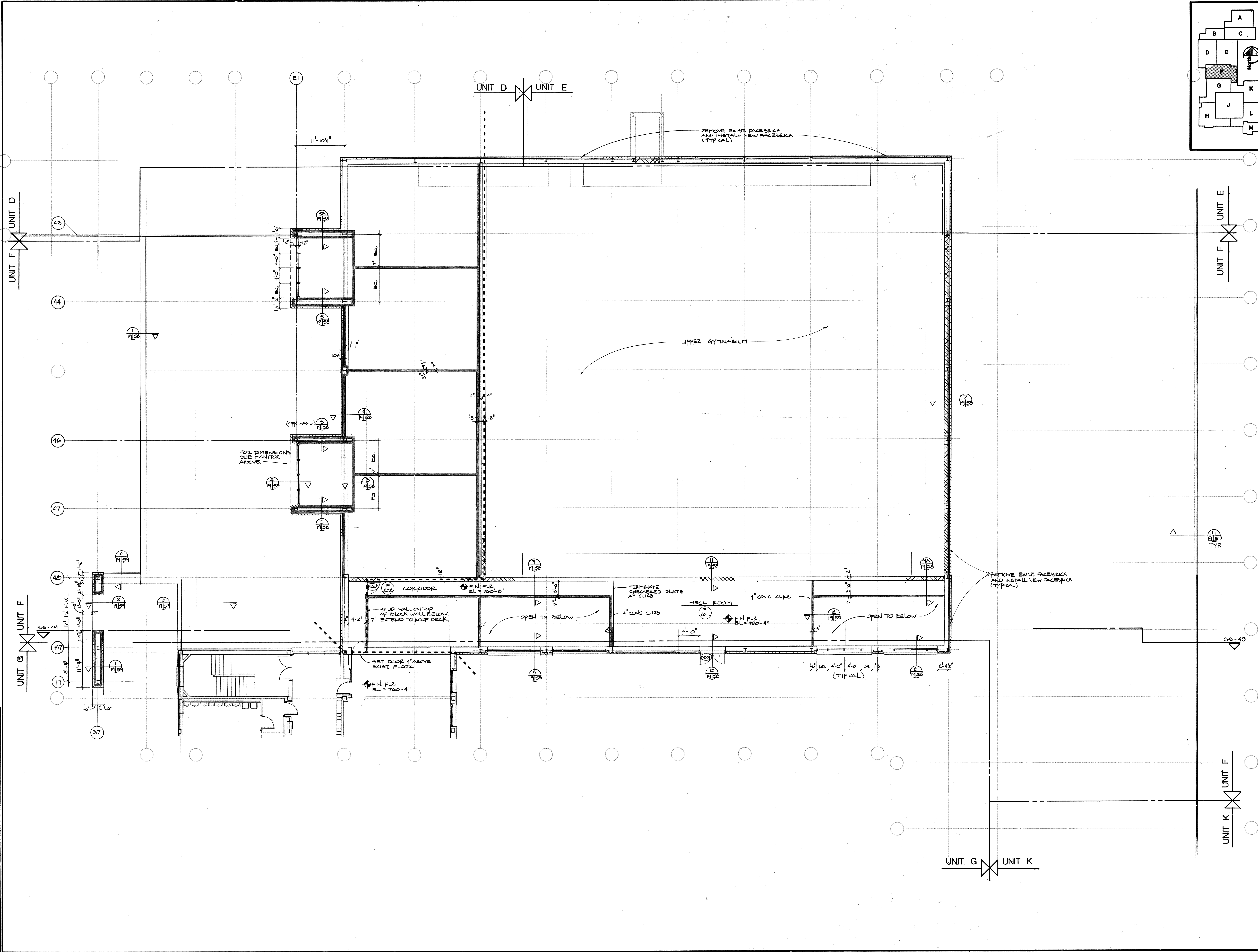


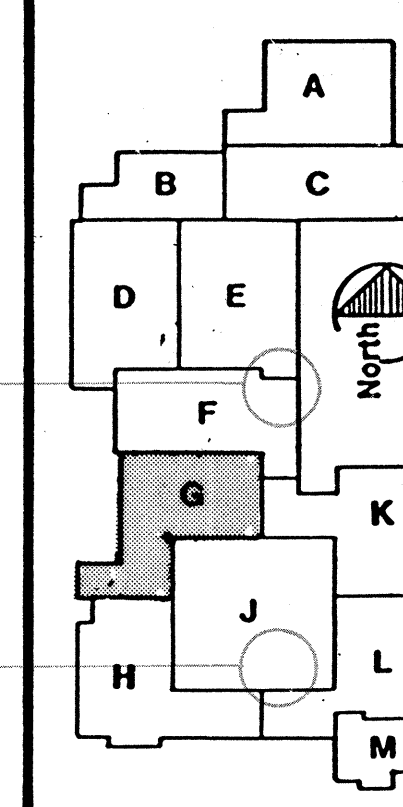
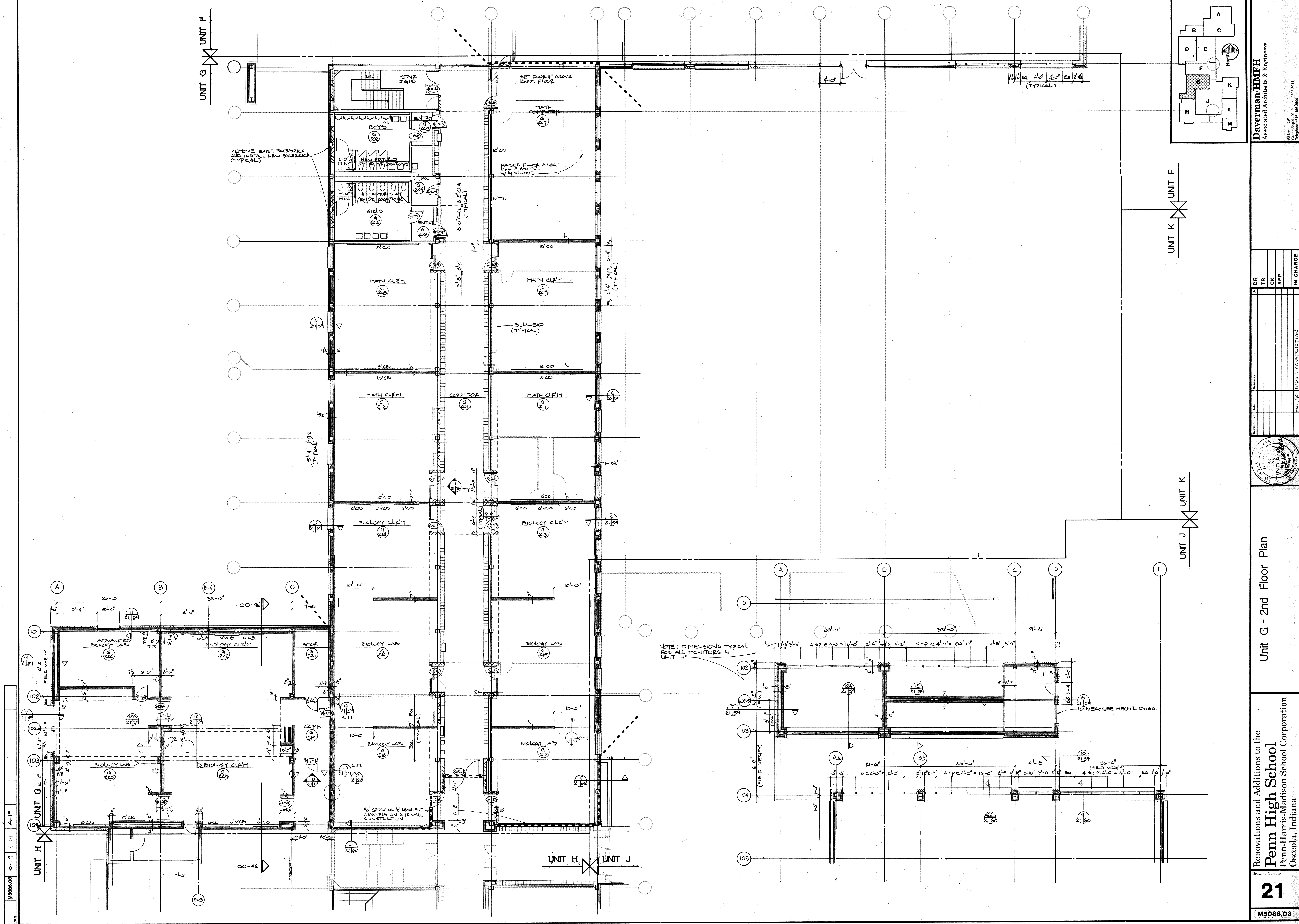
Daverman/HMFH
Associated Architects & Engineers
3201 N.W. 11th Ave., Suite 200
Fort Lauderdale, FL 33304
(305) 555-1111

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Unit F - 1st Floor Plan

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

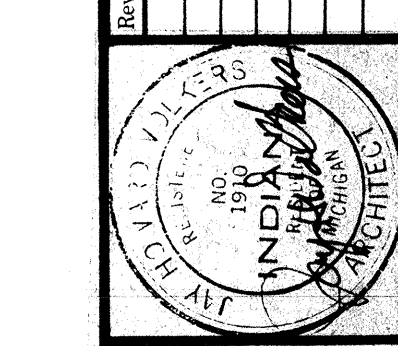




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Associated Architects & Engineers
100 South Main Street, Suite 100
Osceola, Indiana 46551
Telephone: (812) 655-5500

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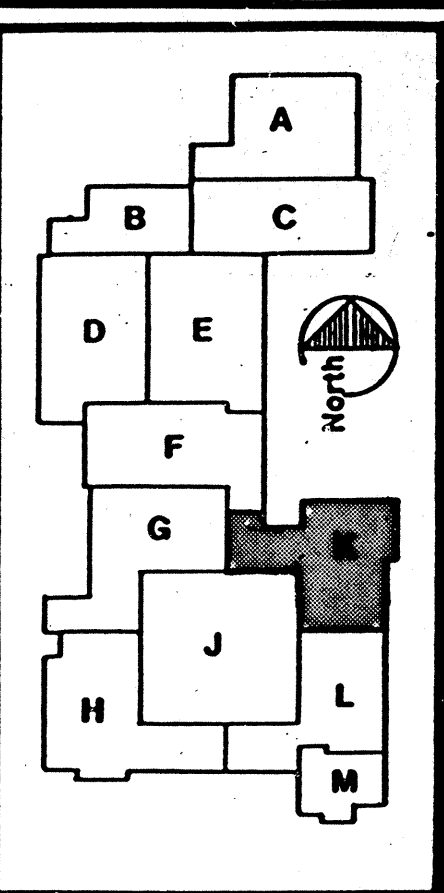
Revision No.	Date	Remarks
1	FEB. 1997	512'S & CONSTRUCTION



Unit G - 2nd Floor Plan

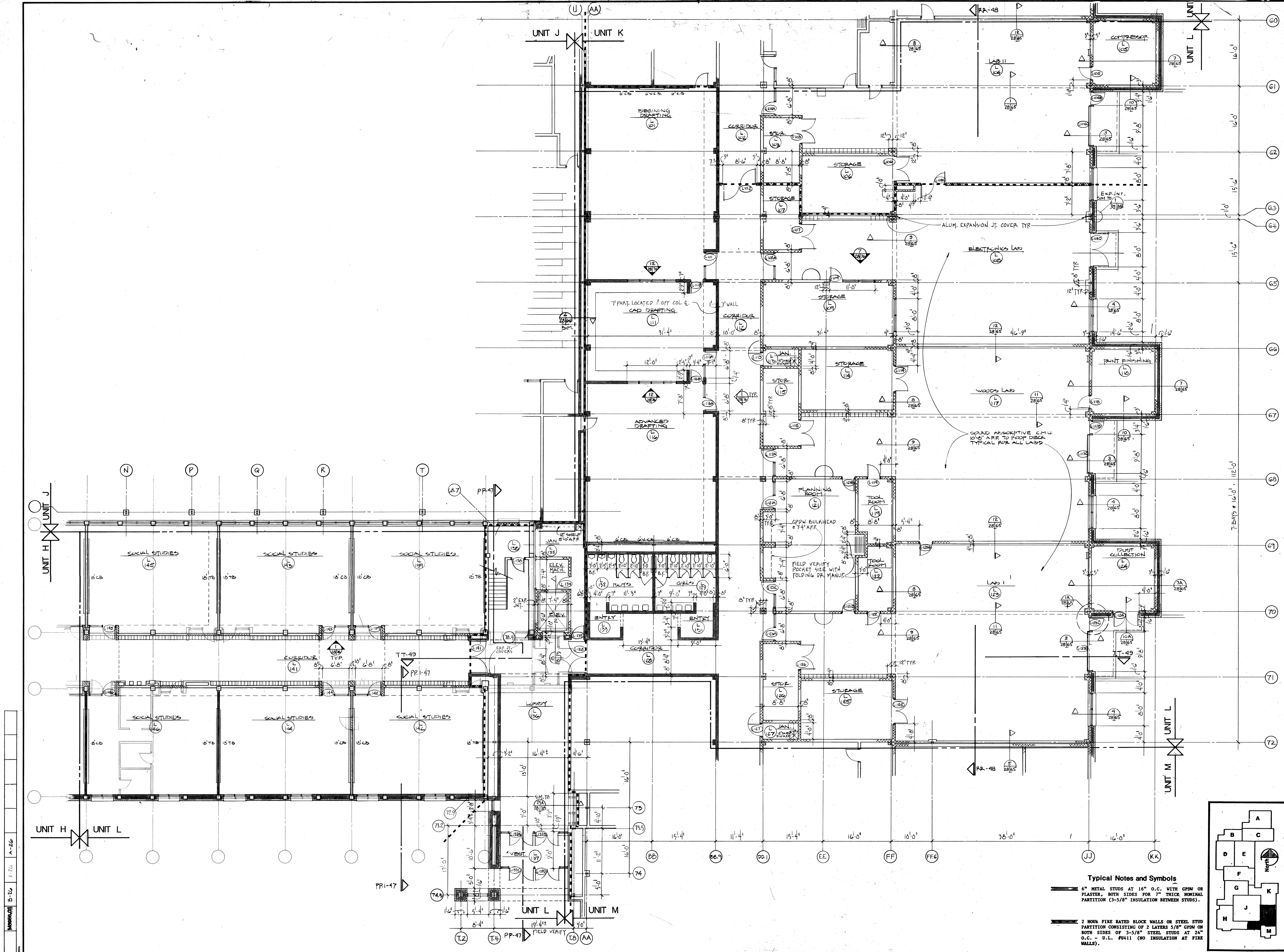
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

Drawing Number
21
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82 Iowa, N.W.
Grand Rapids, Michigan 49503-3044
Telephone: (616) 456-3500

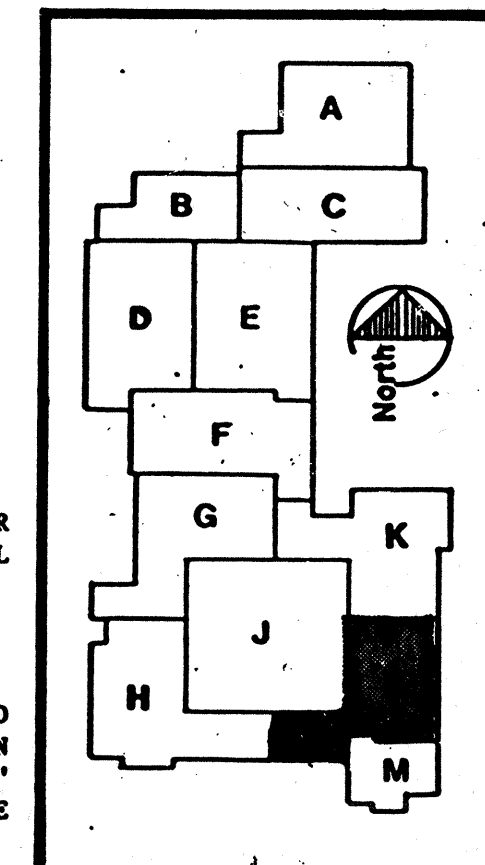
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana



Typical Notes and Symbols

6" METAL STUDS AT 16" O.C. WITH GPDW OR PLASTER, BOTH SIDES FOR 7" THICK NOMINAL PARTITION (3-5/8" INSULATION BETWEEN STUDS).

2 HOUR FIRE RATED BLOCK WALLS OR STEEL STUD PARTITION CONSISTING OF 2 LAYERS 5/8" GPDW ON BOTH SIDES OF 3-5/8" STEEL STUDS AT 24" O.C. - U.L. #0411 (NO INSULATION AT FIRE WALLS).



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REVISIONS

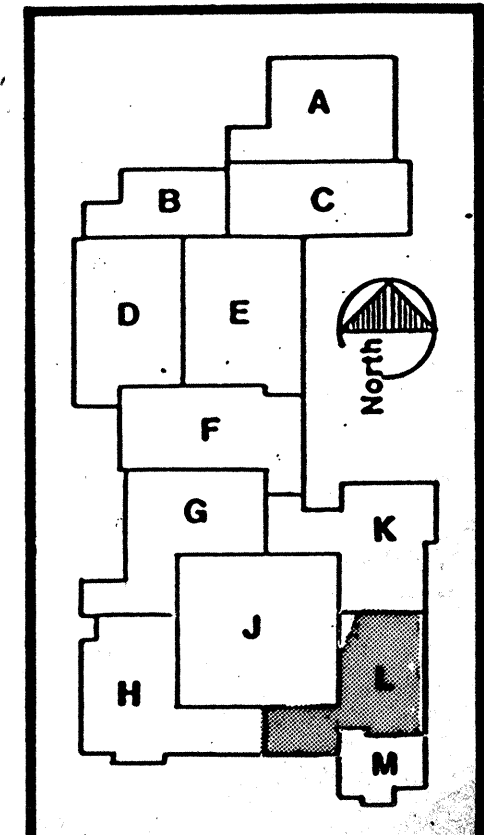
No.	Date	Description
1	11/1/87	REVISION

UNIT L - 1st Floor Plan

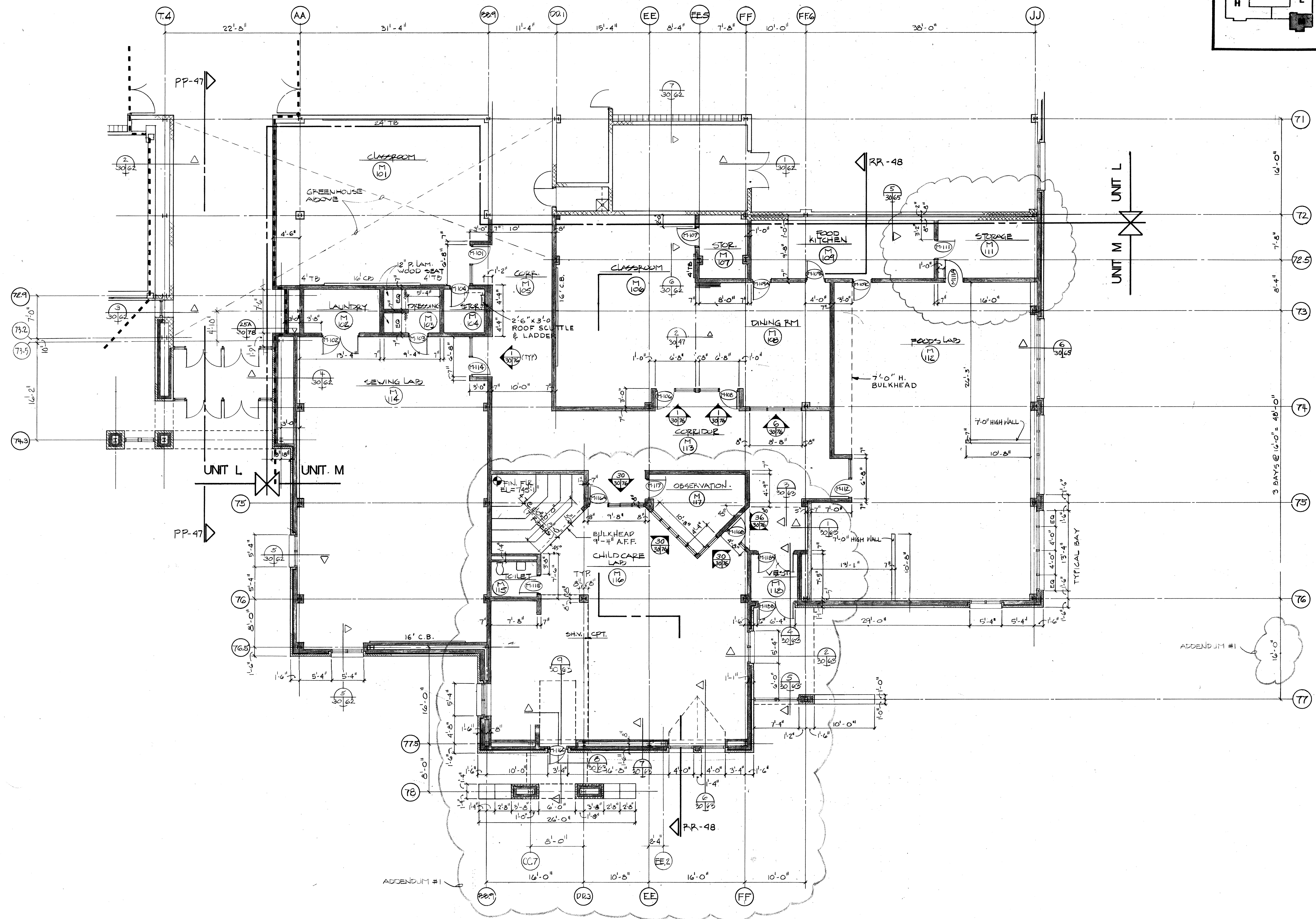
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

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1/5/2007 5:15 A-2D



Typical Notes and Symbols

6" METAL STUDS AT 16" O.C. WITH GPM OR PLASTER, BOTH SIDES FOR 7" THICK NOMINAL PARTITION (3-5/8" INSULATION BETWEEN STUDS).

2 HOUR FIRE RATED BLOCK WALLS OR STEEL STUD PARTITION CONSISTING OF 2 LAYERS 5/8" GPM ON BOTH SIDES OF 3-5/8" STEEL STUDS AT 24" O.C. - U.L. F0411 (NO INSULATION AT FIRE WALLS).

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Fort Lauderdale, FL 33309
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Unit M - 1st Floor Plan &
Related Interior Details

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

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Revision No.

Date

Remarks

2/16/87

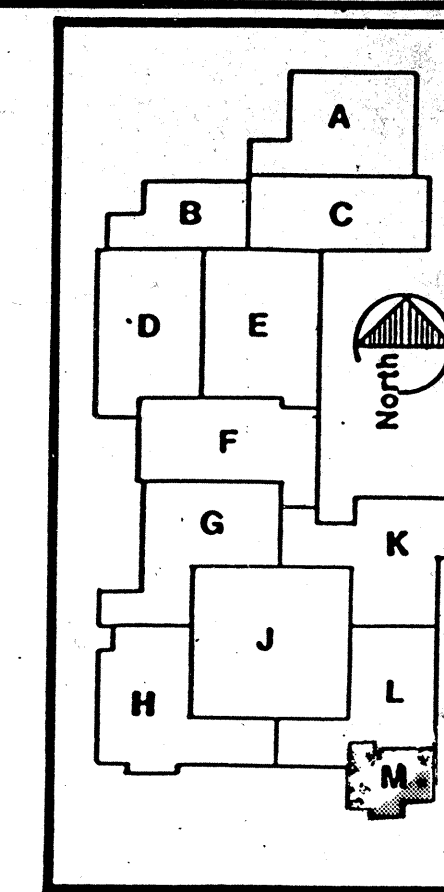
APPENDIX #1

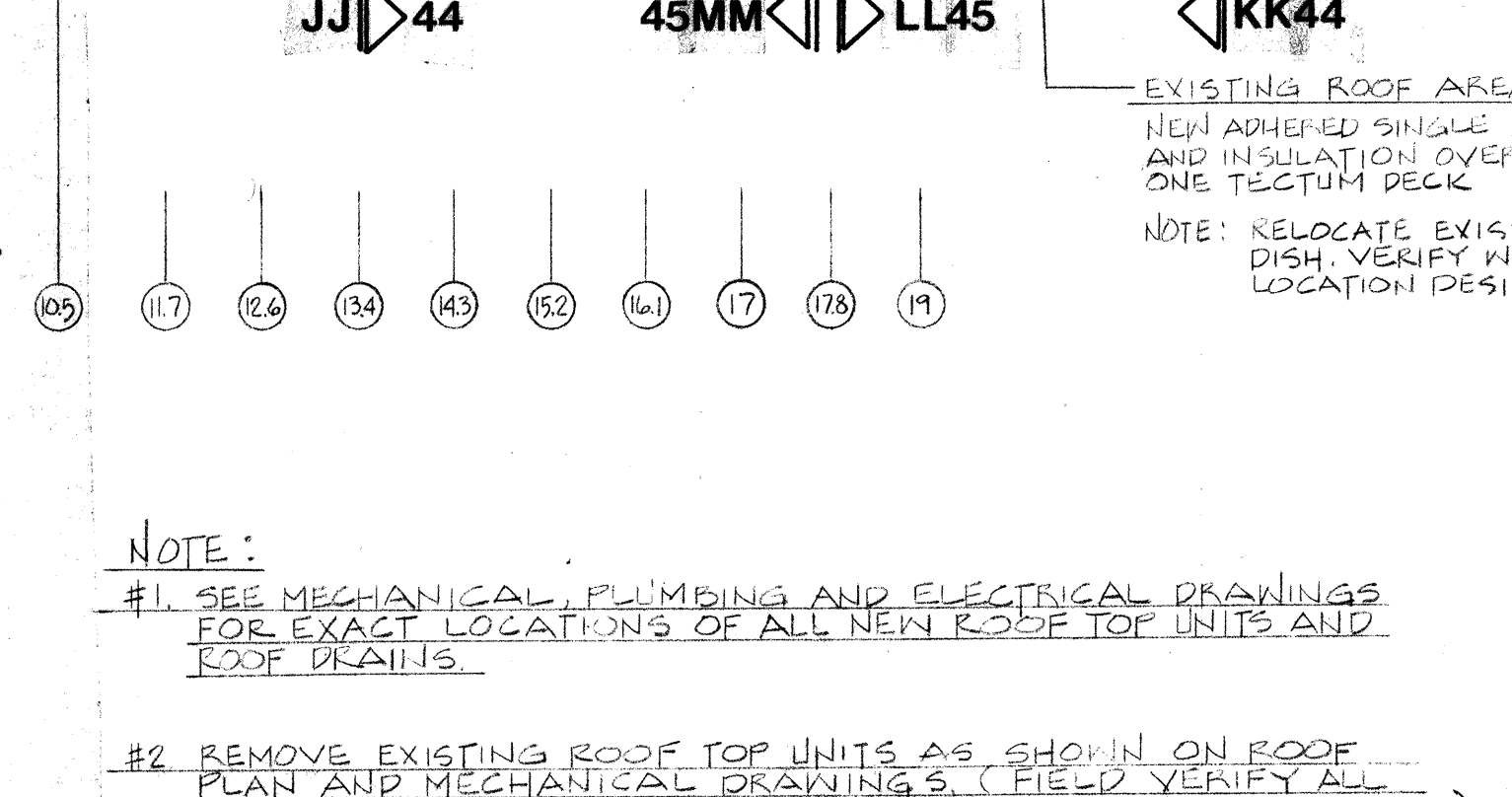
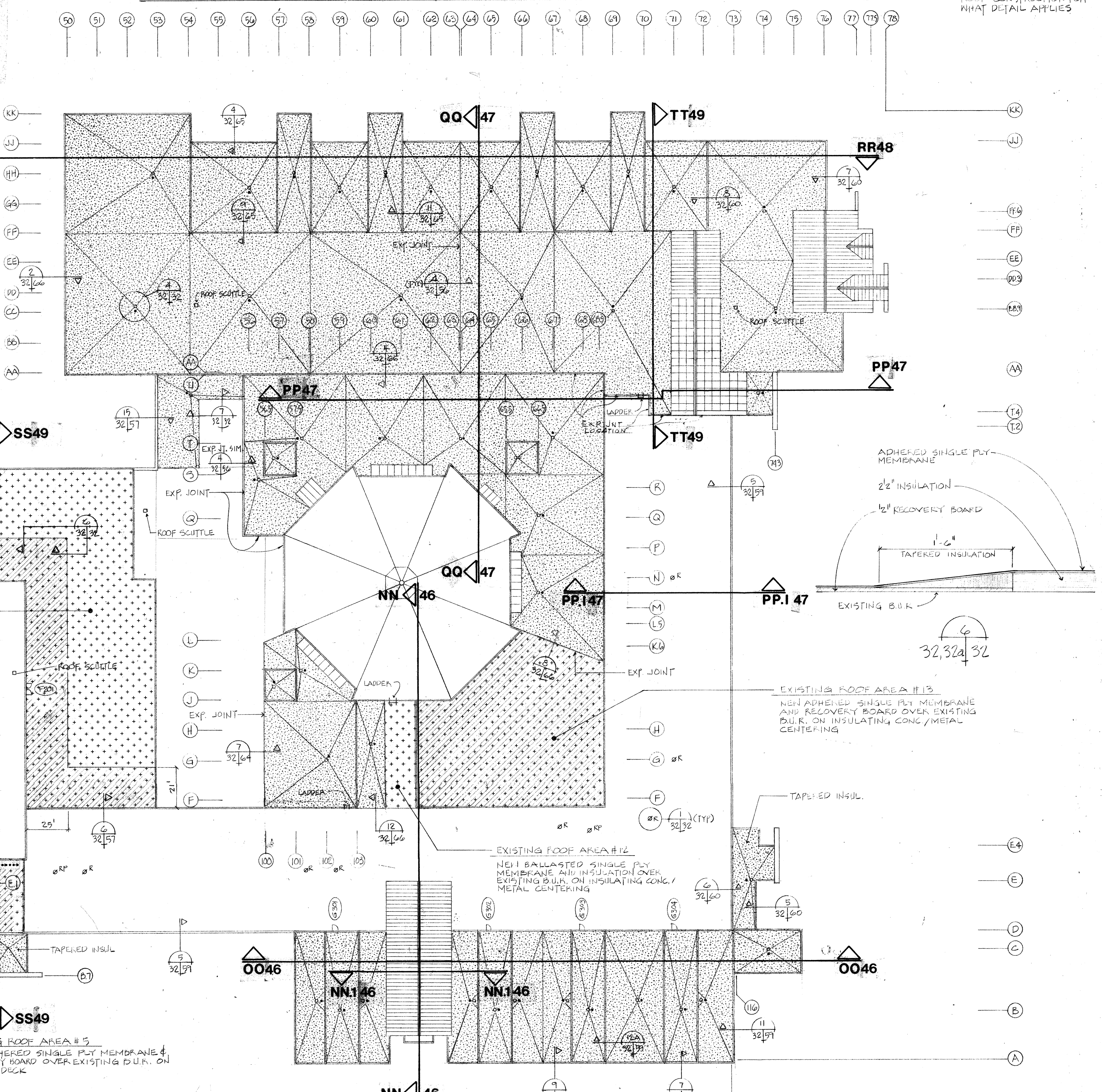
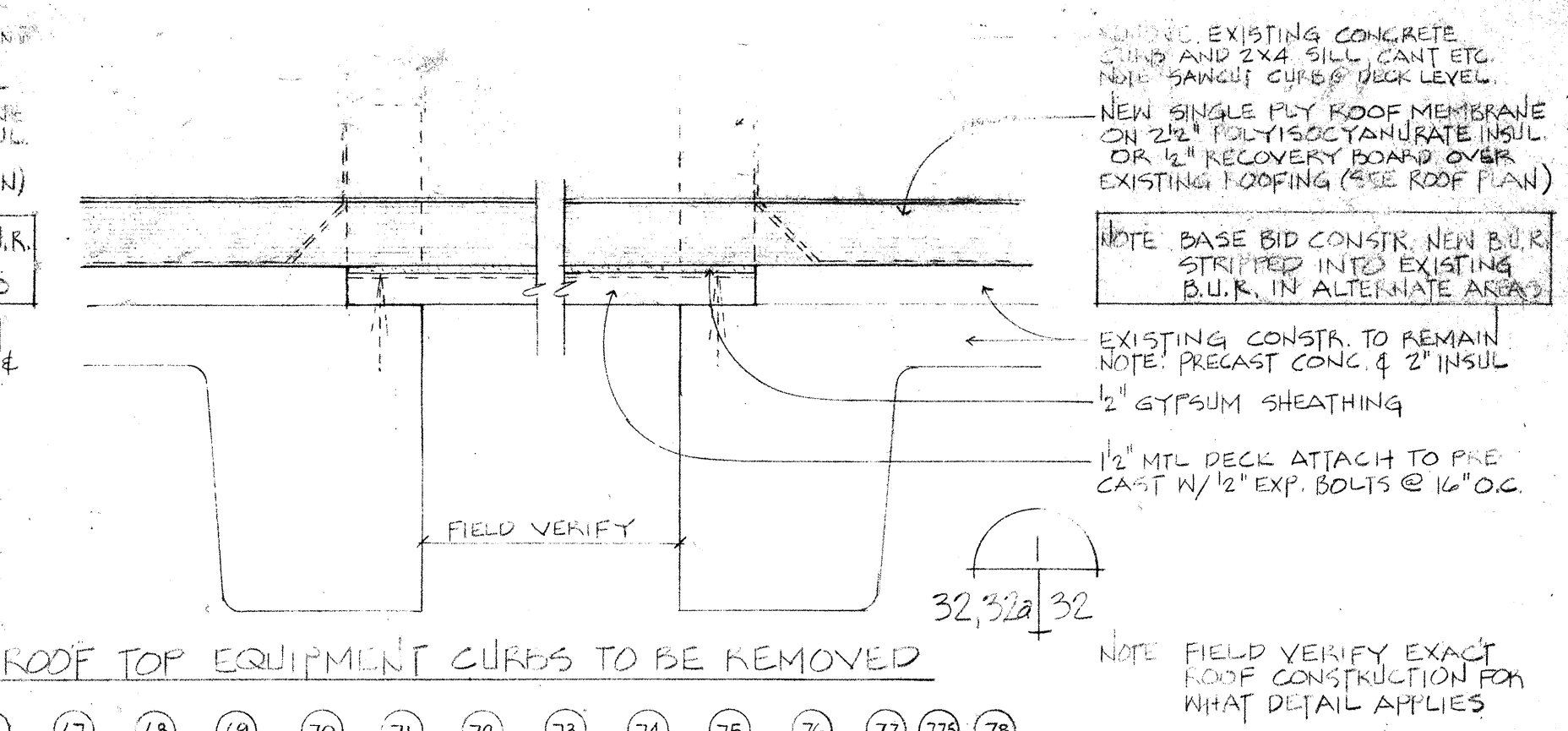
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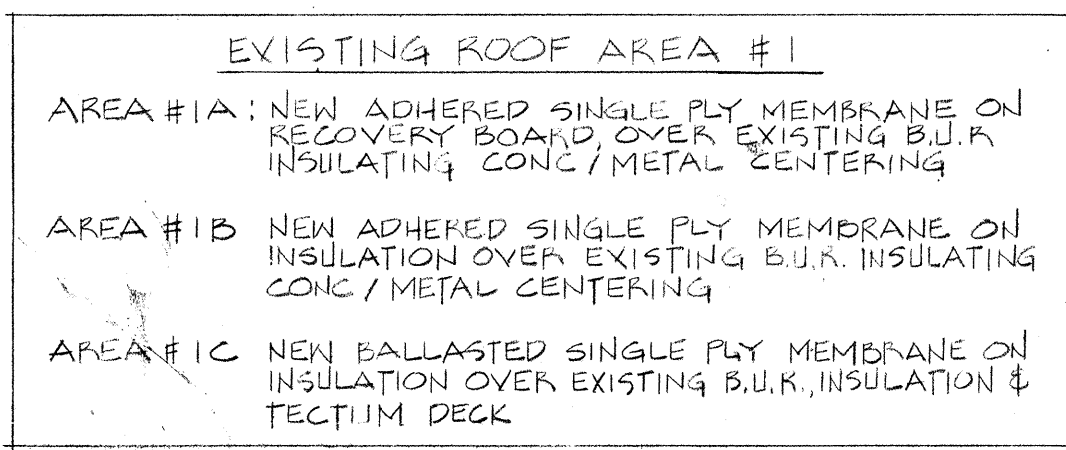
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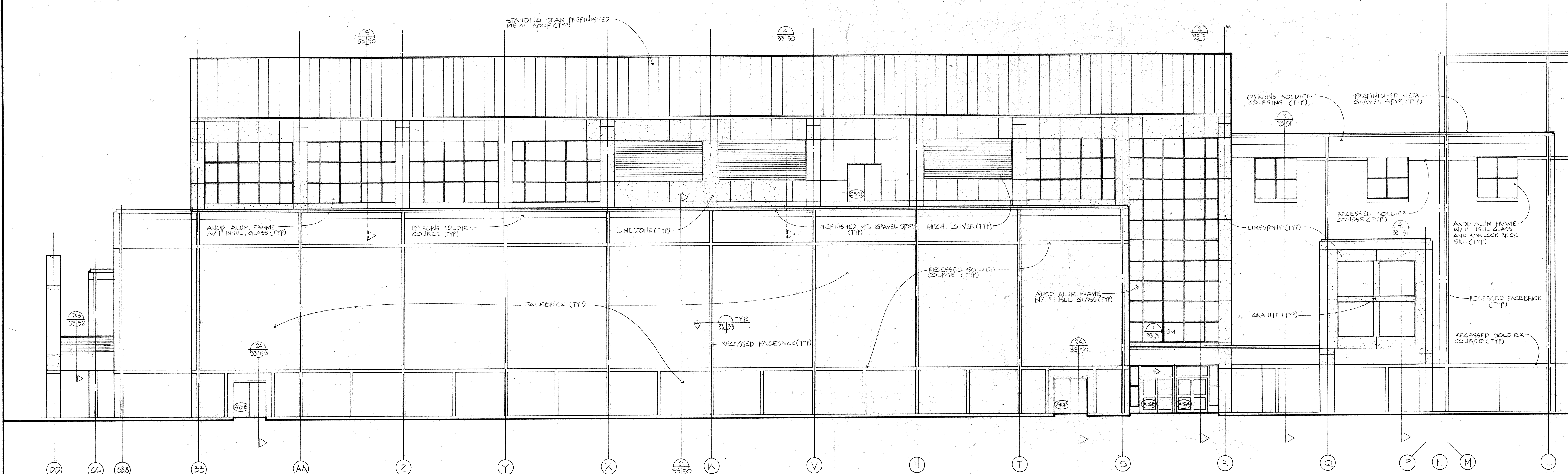




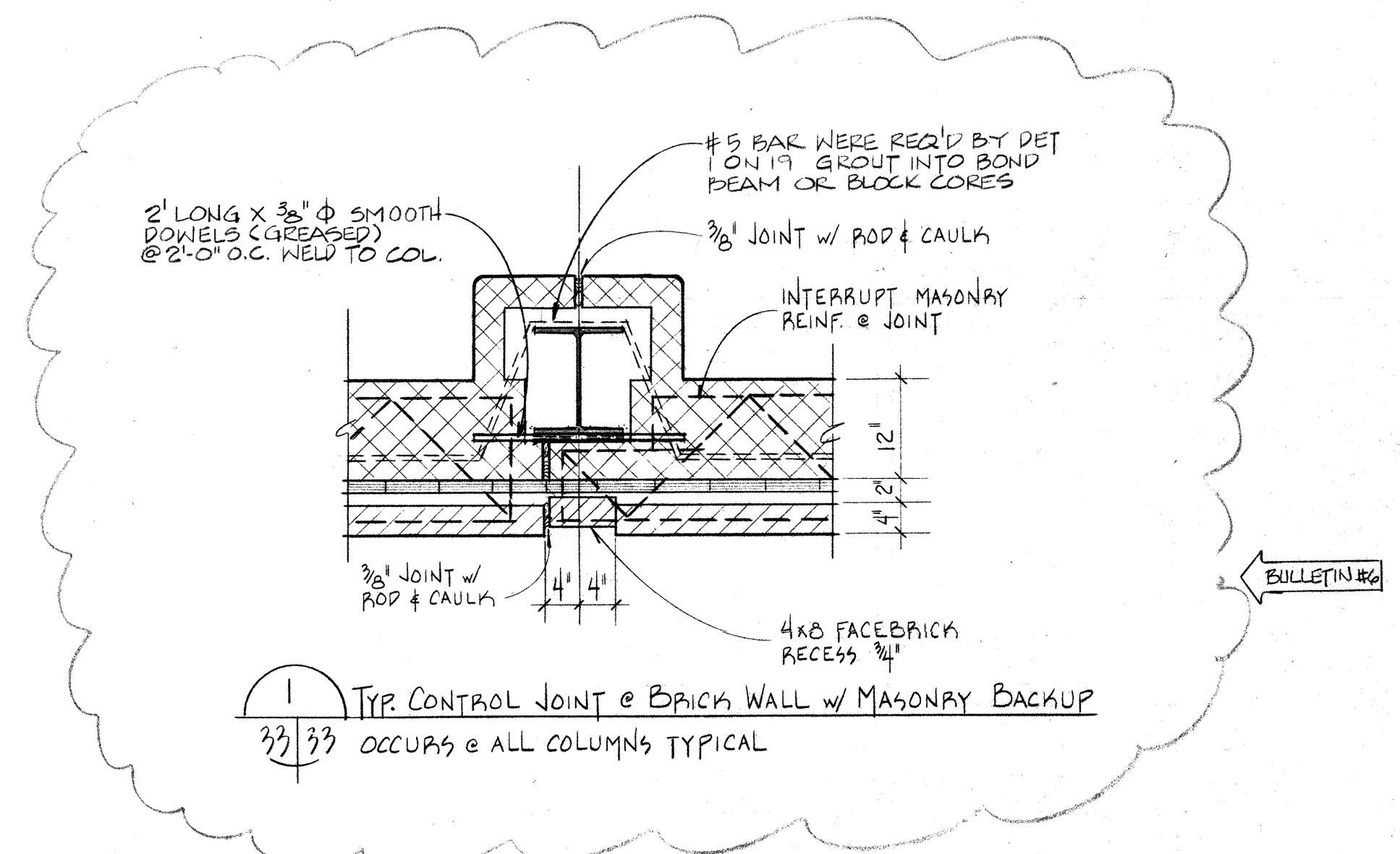
KEY	LEGEND
	Smoke Vent (NEW)
	Relief Air Hood (RAH) (NEW)
	Supply Fan (SF) (NEW)
	Roof Top Unit to be Removed
	Remove Existing Roof Top Unit, Install New Unit Same Location
	(New), EF-PRV Power Roof Exhausters



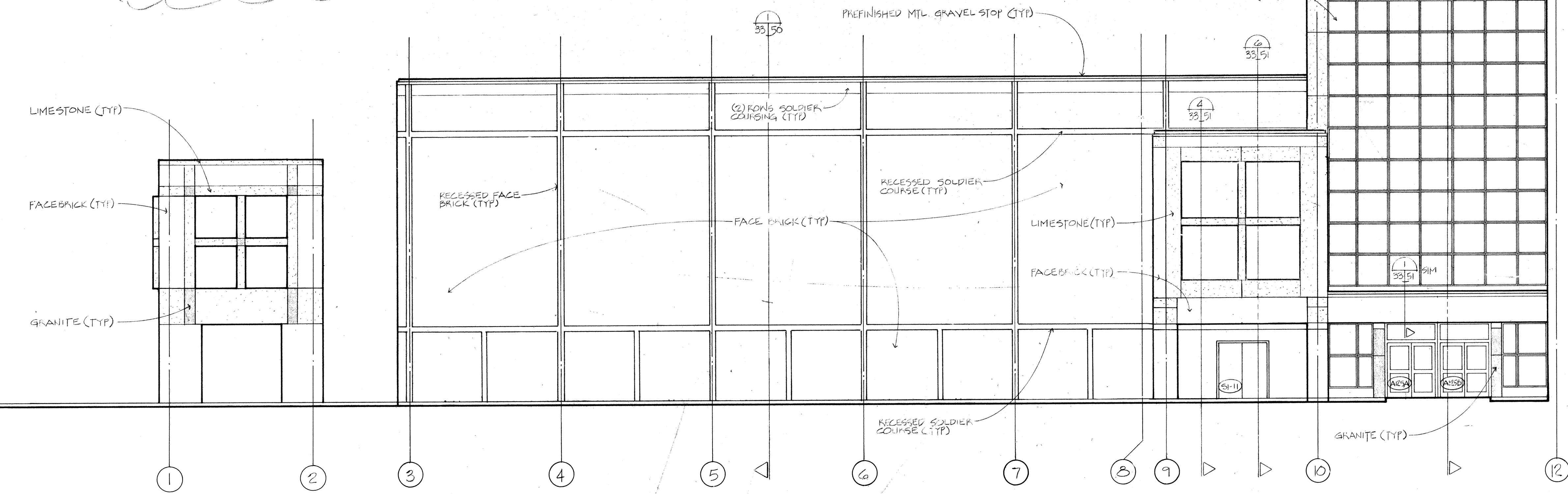
KEY	LEGEND
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	New Construction, Existing Construction Under Base Bid



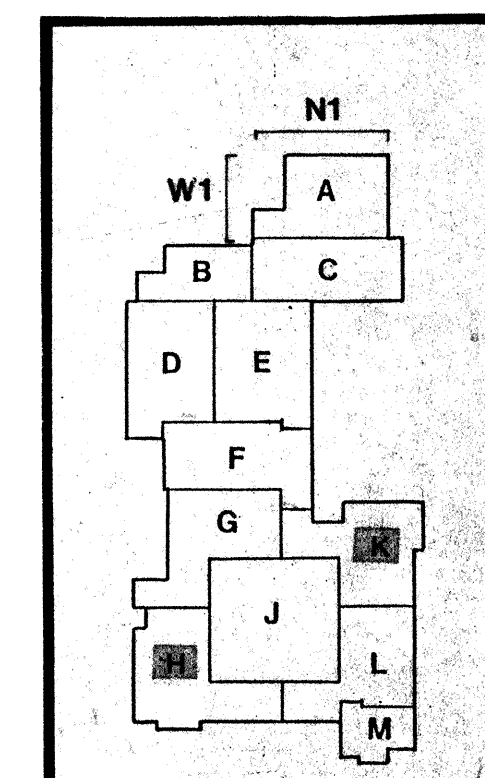
North Elevation - Part 1

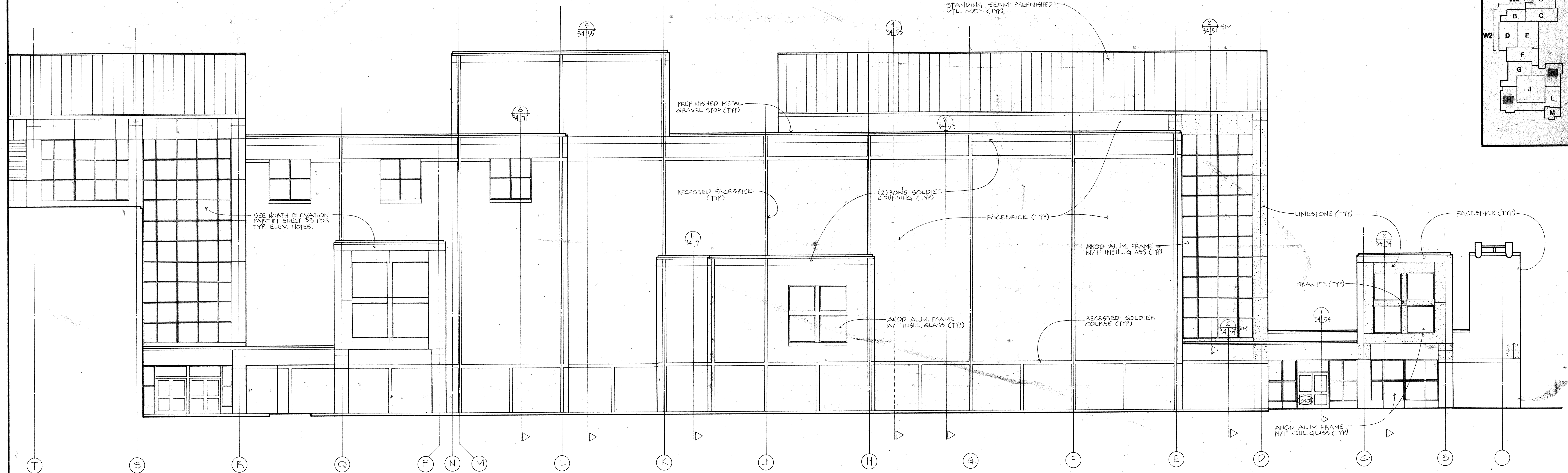


Symbol	Exterior Wall Material Legend
	Granite
	Limestone
	Brick



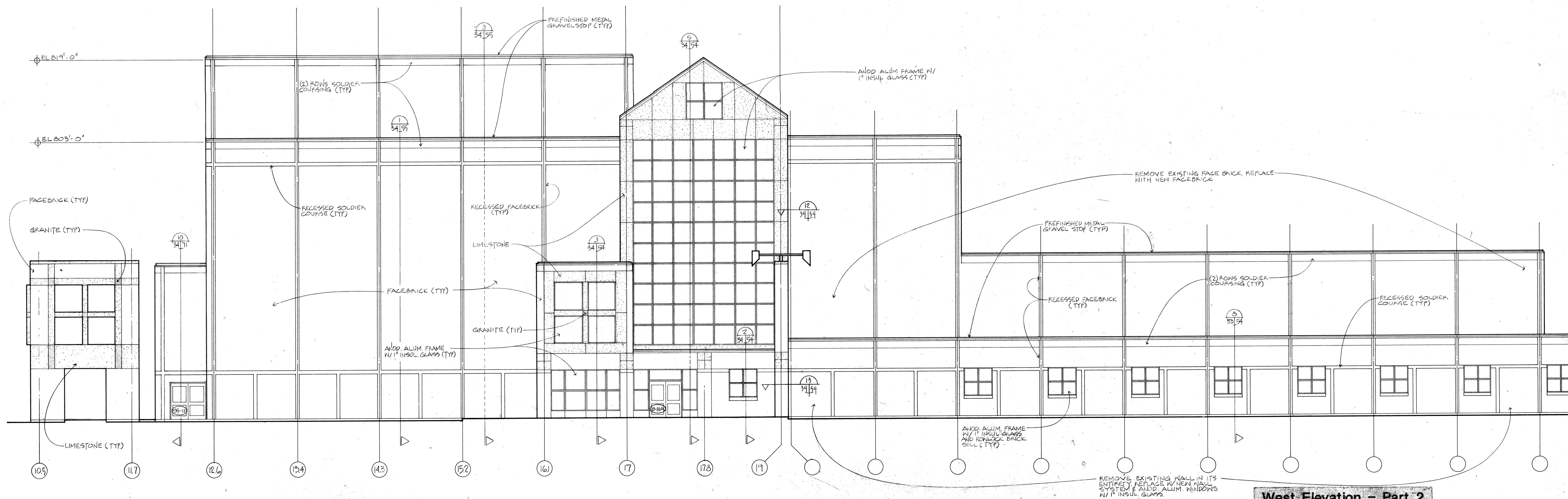
West Elevation - Part 1



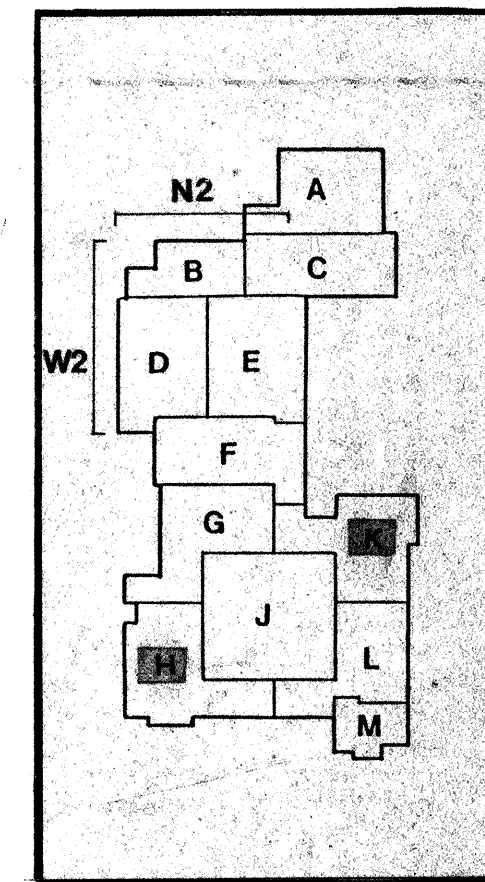


North Elevation - Part 2

Symbol	Exterior Wall Material Legend
	Granite
	Limestone
	Brick



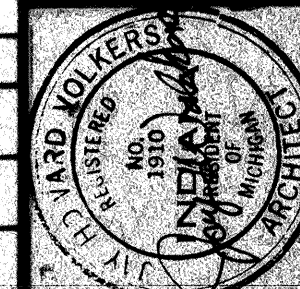
West Elevation - Part 2



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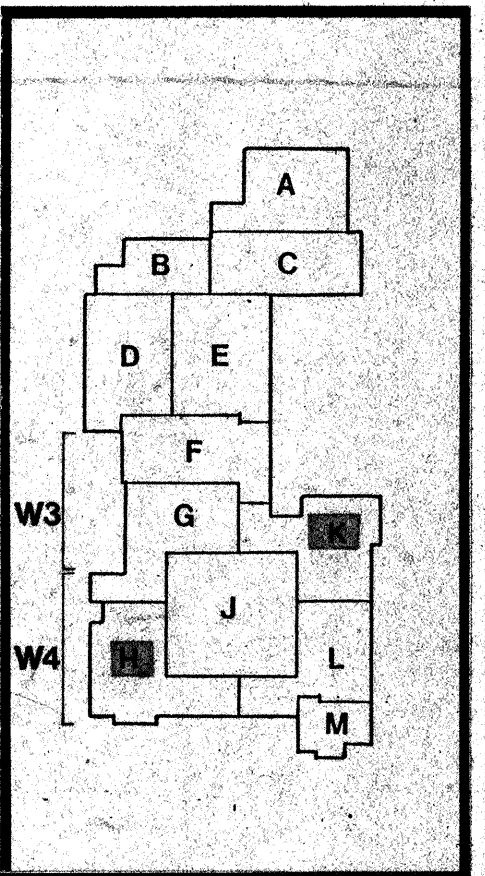
1000 N. 1st St., Suite 200
Grand Rapids, Michigan 49503-3004
Telephone: (616) 455-3800

By: **TR**
Date: **7-15-84**
Revision No. **1**
Description: **DESIGN DEVELOPMENT**
Phase: **FINAL**
Scale: **AS SHOWN**



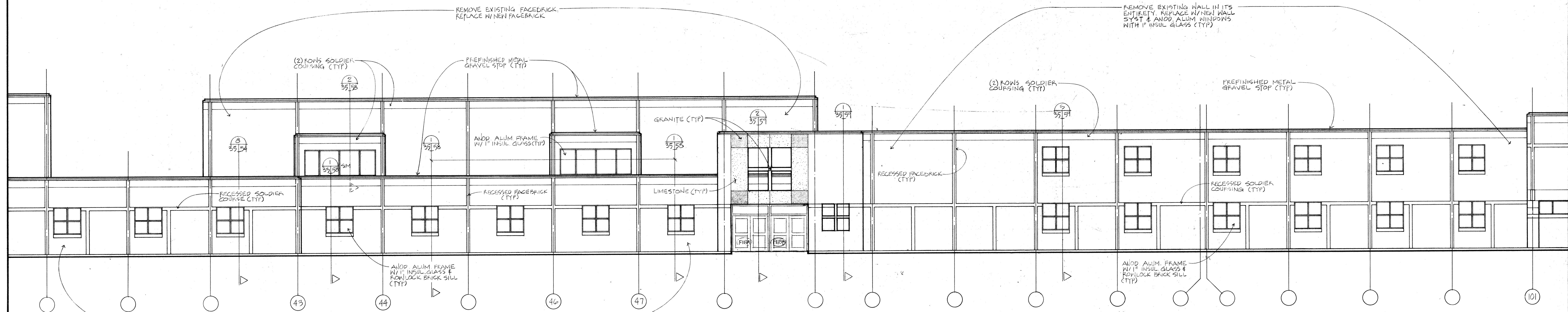
Exterior Elevations

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana



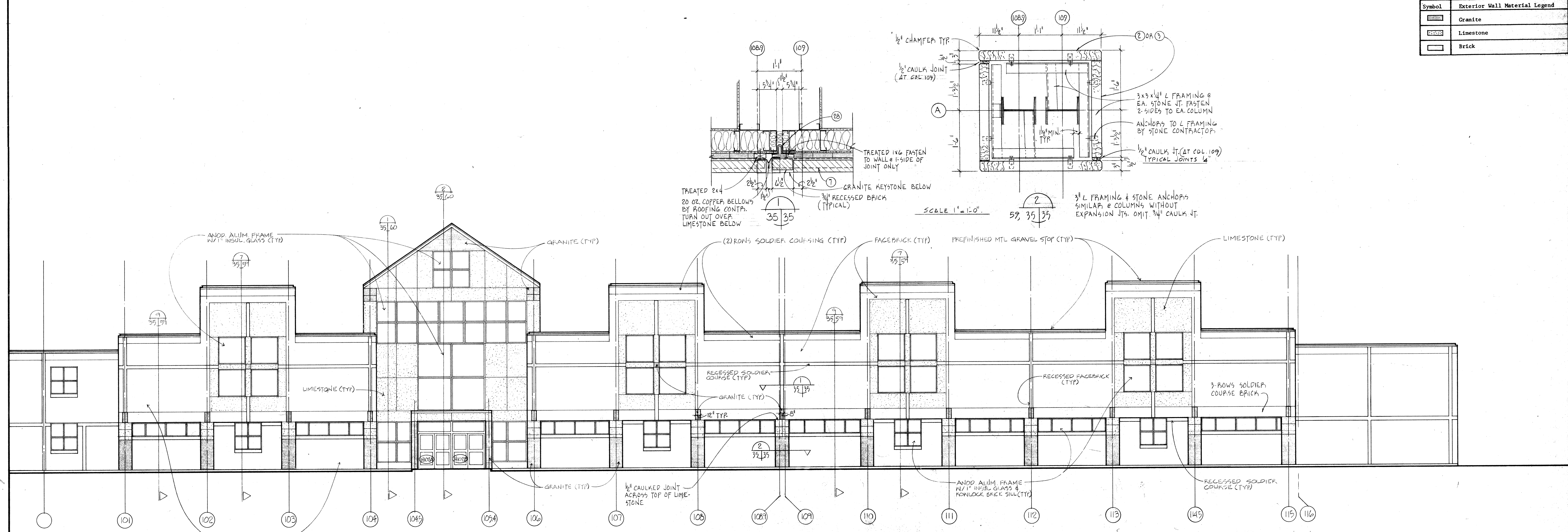
Daverman/HMFH
Associated Architects & Engineers

3500 N.W. 11th Ave.
Grand Rapids, Michigan 49503-8941
Telephone: (616) 498-5000

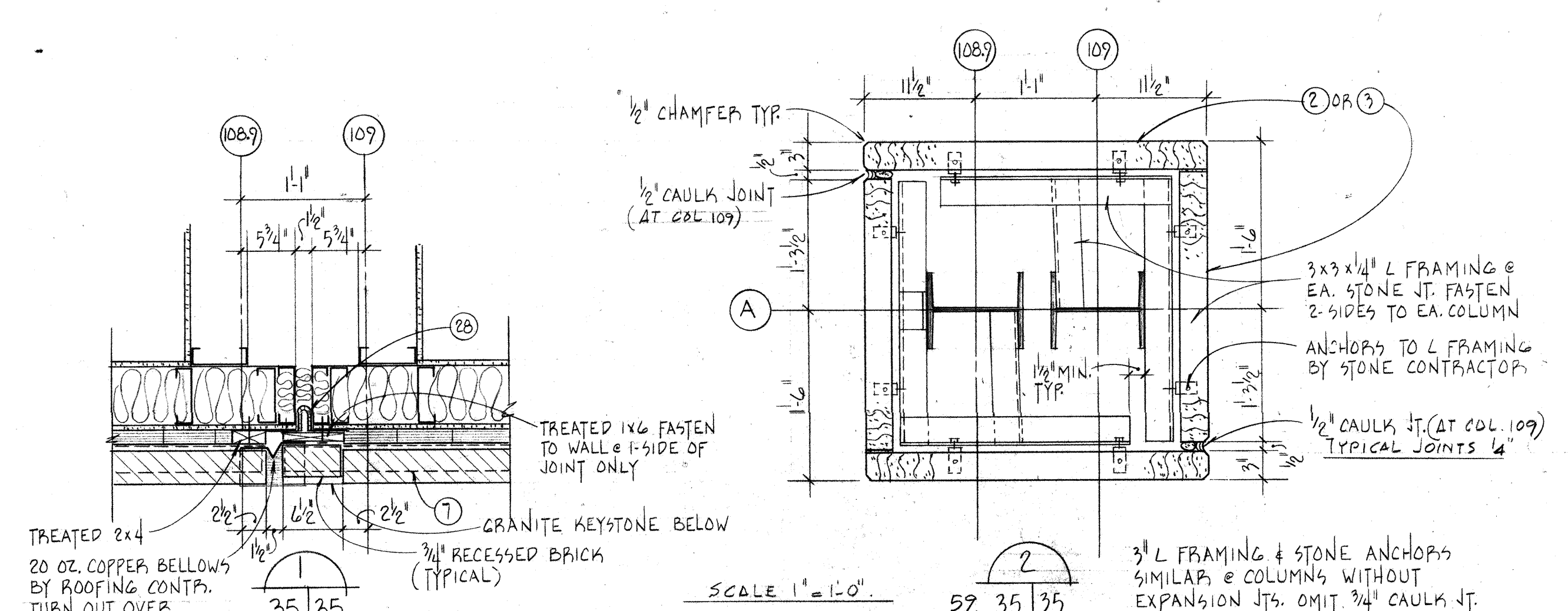


West Elevation - Part 3

Symbol	Exterior Wall Material Legend
	Granite
	Limestone
	Brick

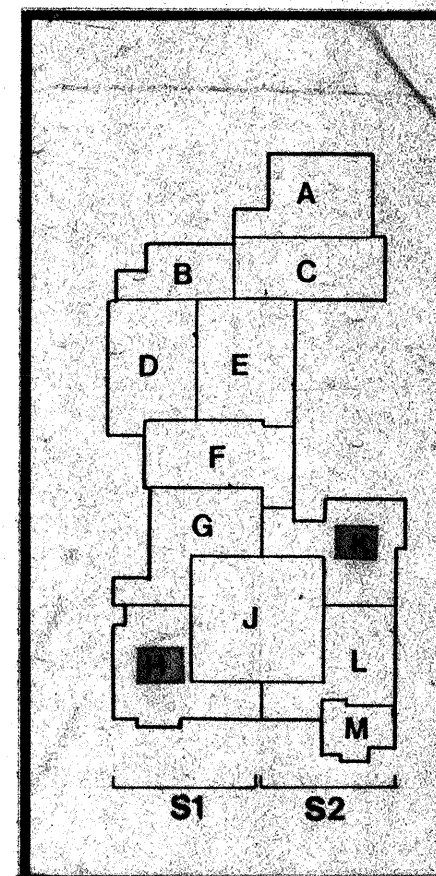


West Elevation - Part 4



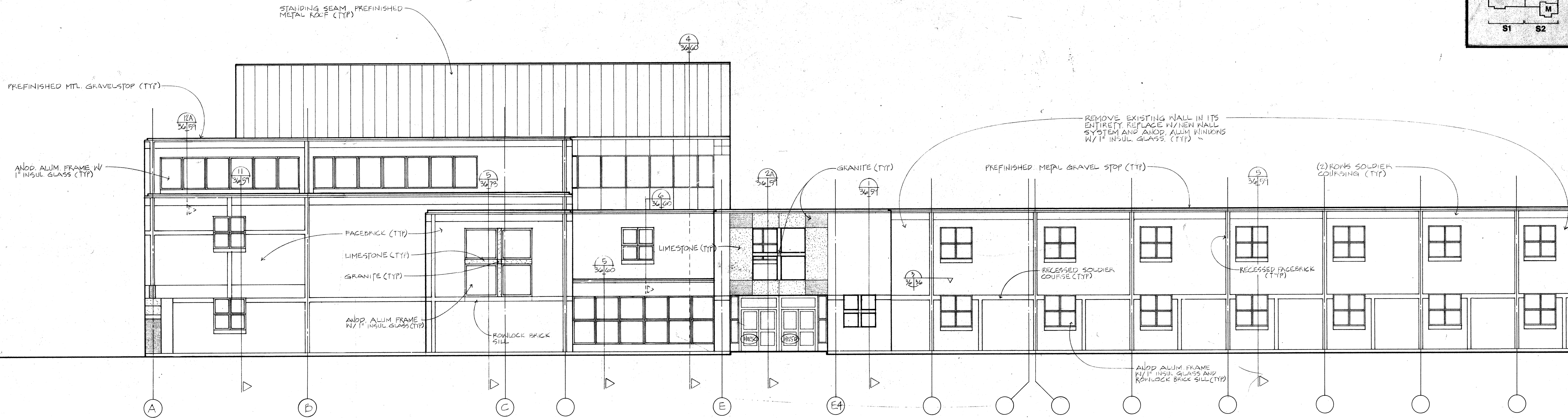
Exterior Elevations

**Renovations and Additions to the
Penn High School**
Penn-Harris-Madison School Corporation
Osceola, Indiana

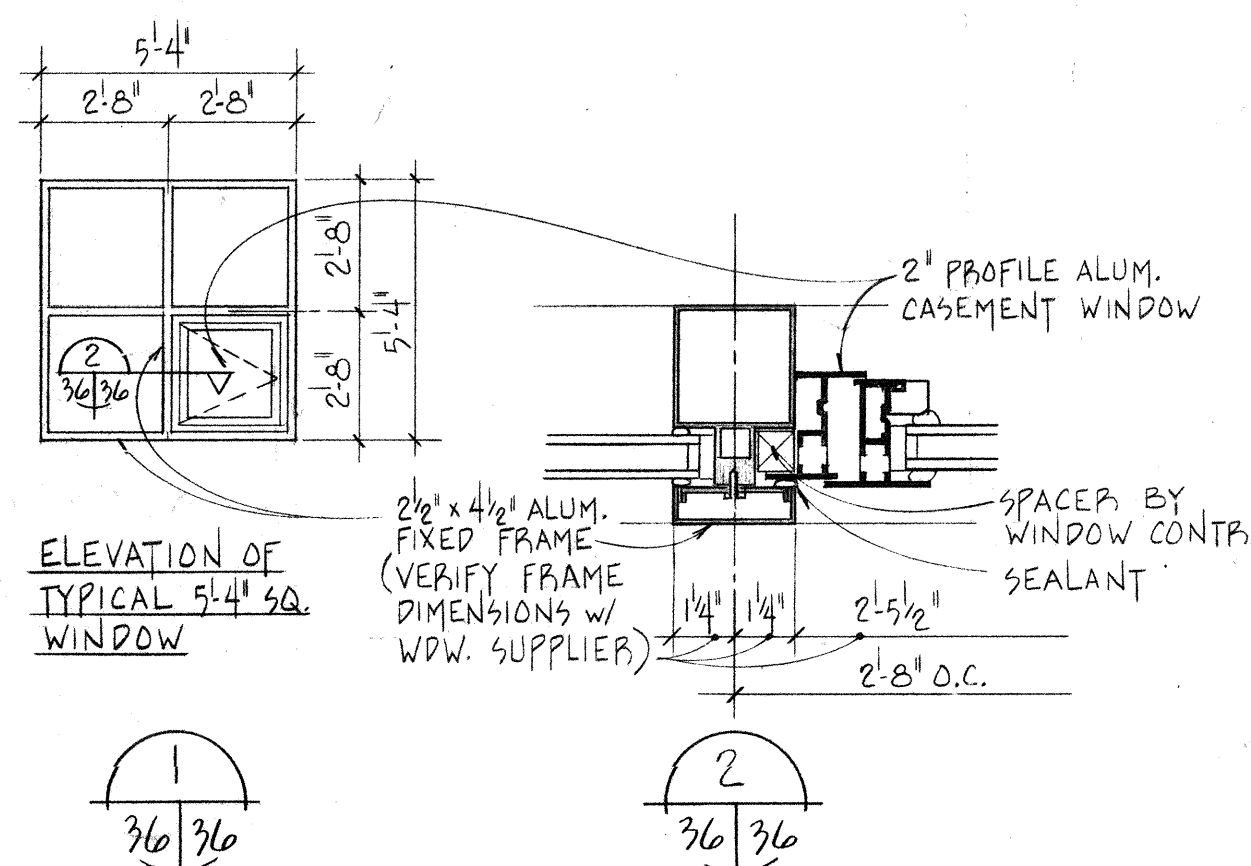


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Associated Architects & Engineers

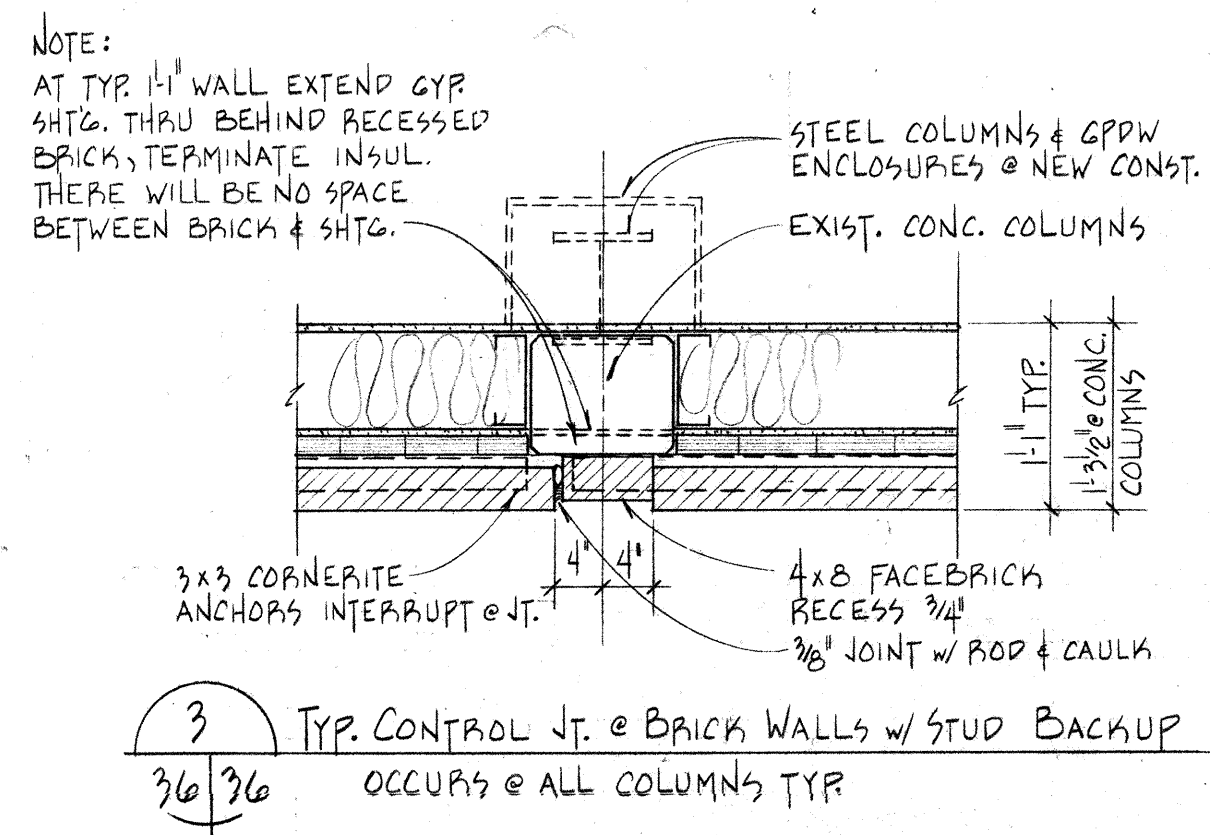
301 West 10th Street
Grand Rapids, Michigan 49503-3044
Phone: (616) 454-1200
Fax: (616) 454-1201



South Elevation - Part 1

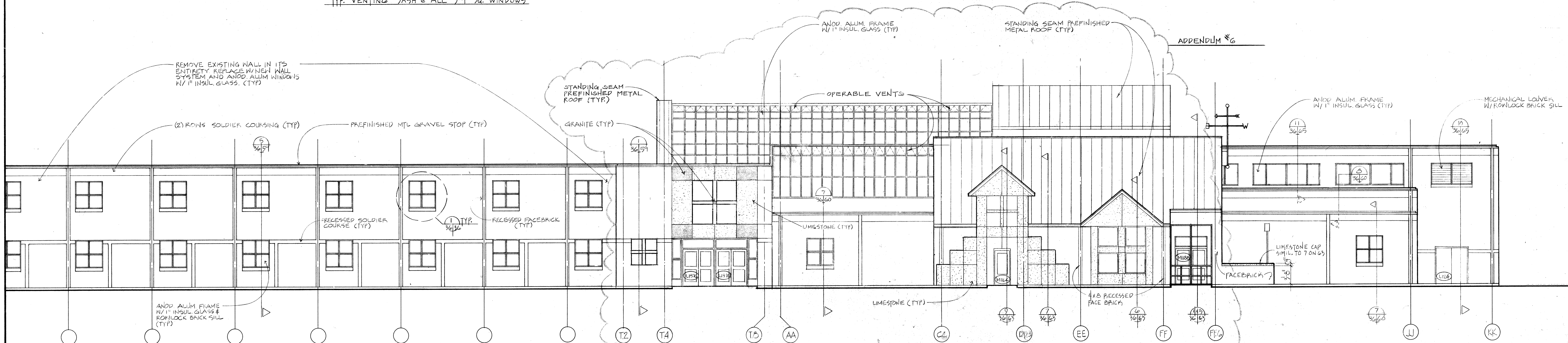


TYP. VENTING SASH @ ALL 5'4\"/>



3 TYP. CONTROL JT. @ BRICK WALLS W/ STUD BACKUP OCCURS @ ALL COLUMNS TYP

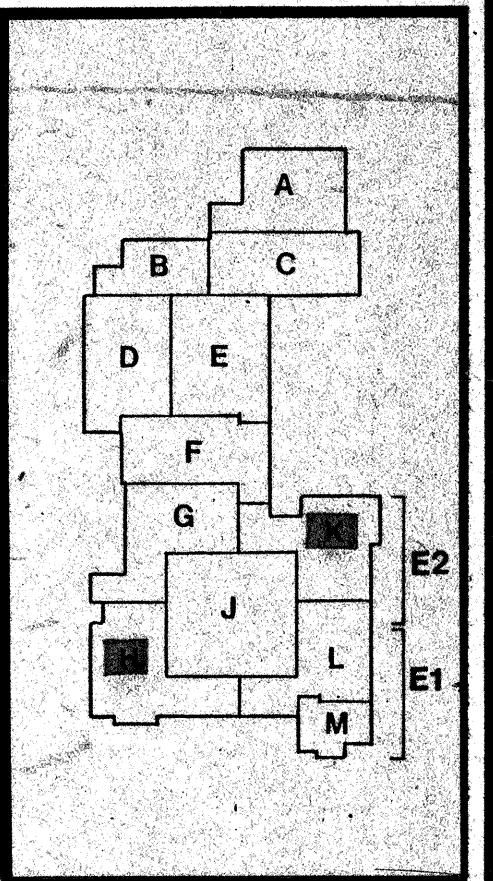
Symbol	Exterior Wall Material Legend
	Granite
	Limestone
	Brick



South Elevation - Part 2

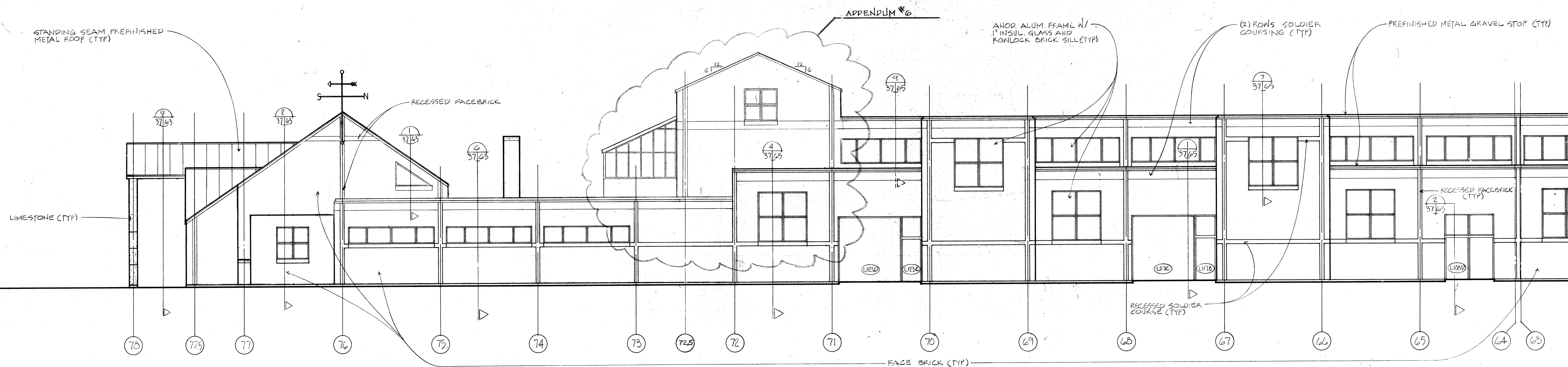
Exterior Elevations

Renovations and Additions to the Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana



Daverman/HMFH
Associated Architects & Engineers

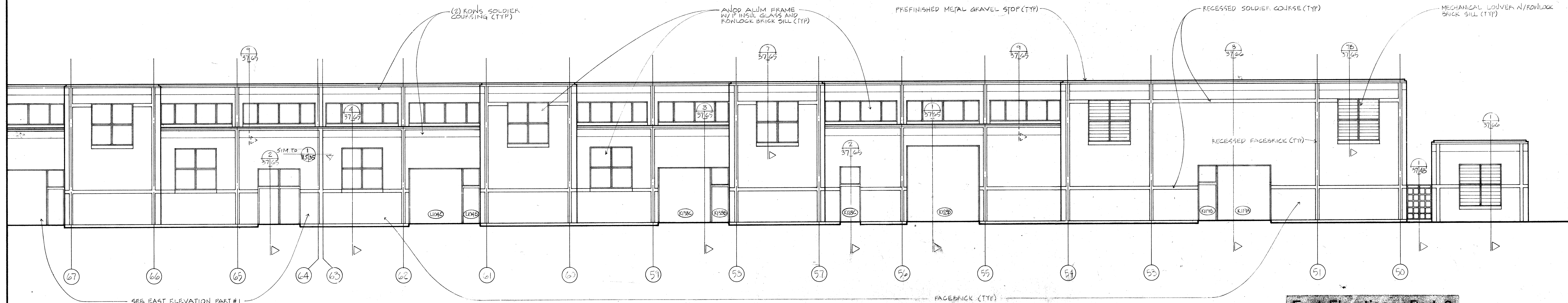
3500 N. 10th St.
Grand Rapids, Michigan 49503-3044
Telephone: 616-455-5500



East Elevation - Part 1

Symbol	Exterior Wall Material Legend
	Granite
	Limestone
	Brick

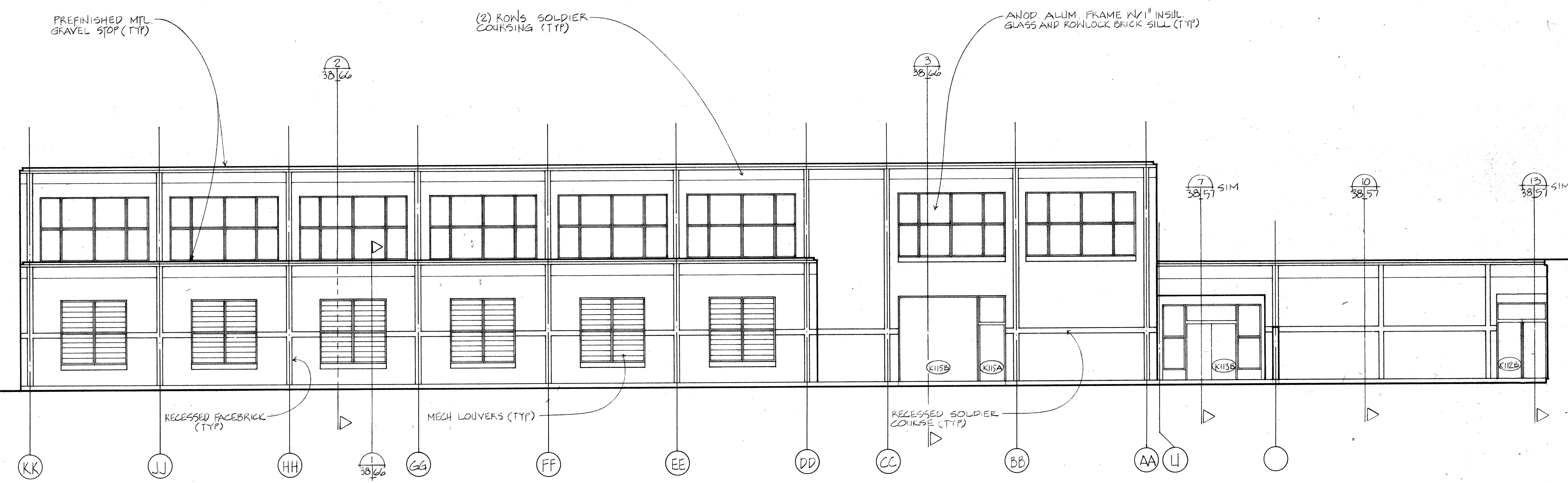
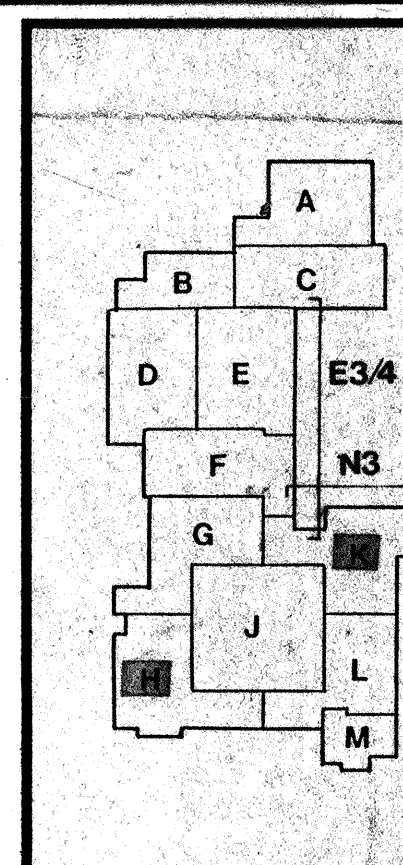
Exterior Elevations



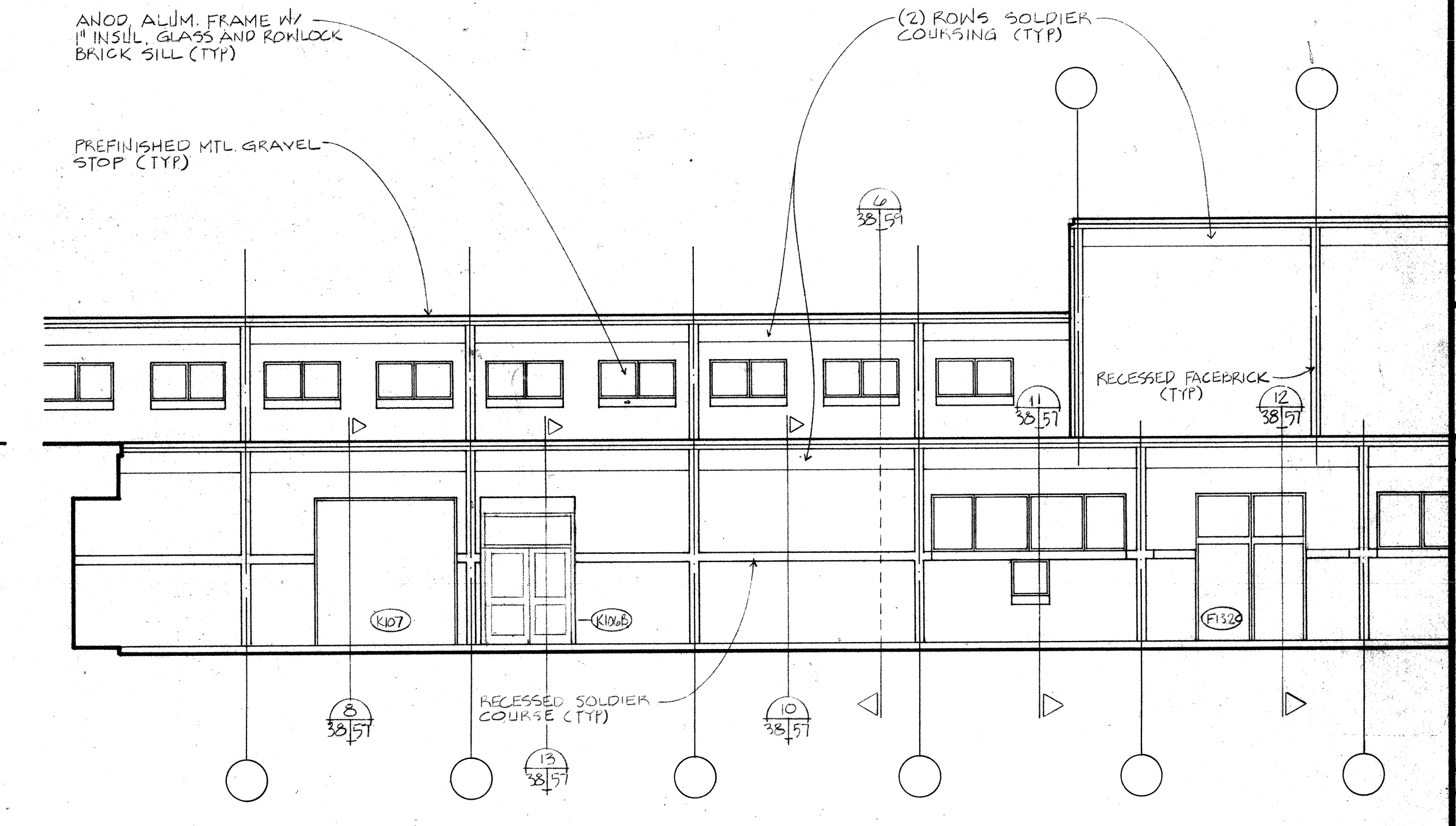
East Elevation - Part 2

SEE EAST ELEVATION PART #1
THIS SHEET FOR TYPICAL ELEV.
NOTES.

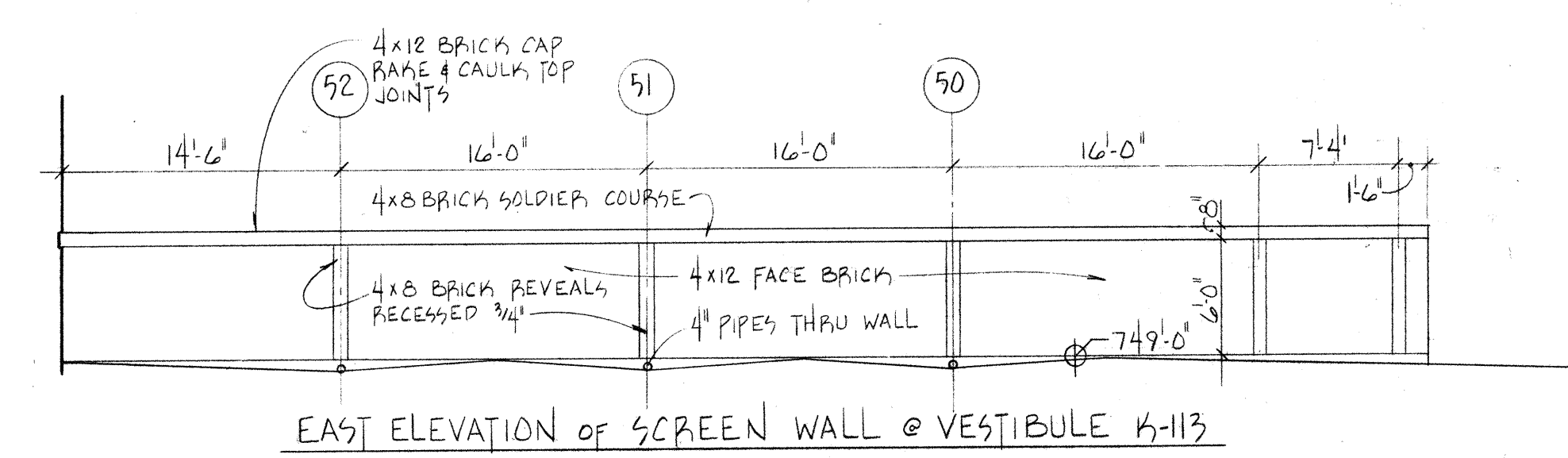
**Renovations and Additions to the
Penn High School**
Penn-Harris-Madison School Corporation
Osceola, Indiana



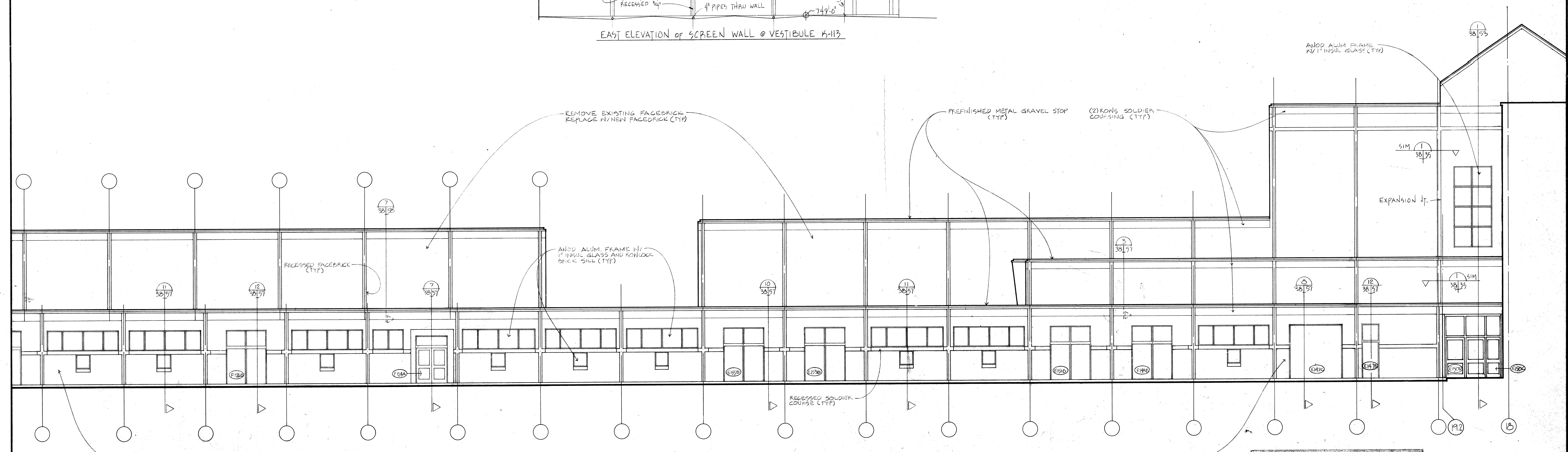
North Elevation - Part 3



East Elevation - Part 3



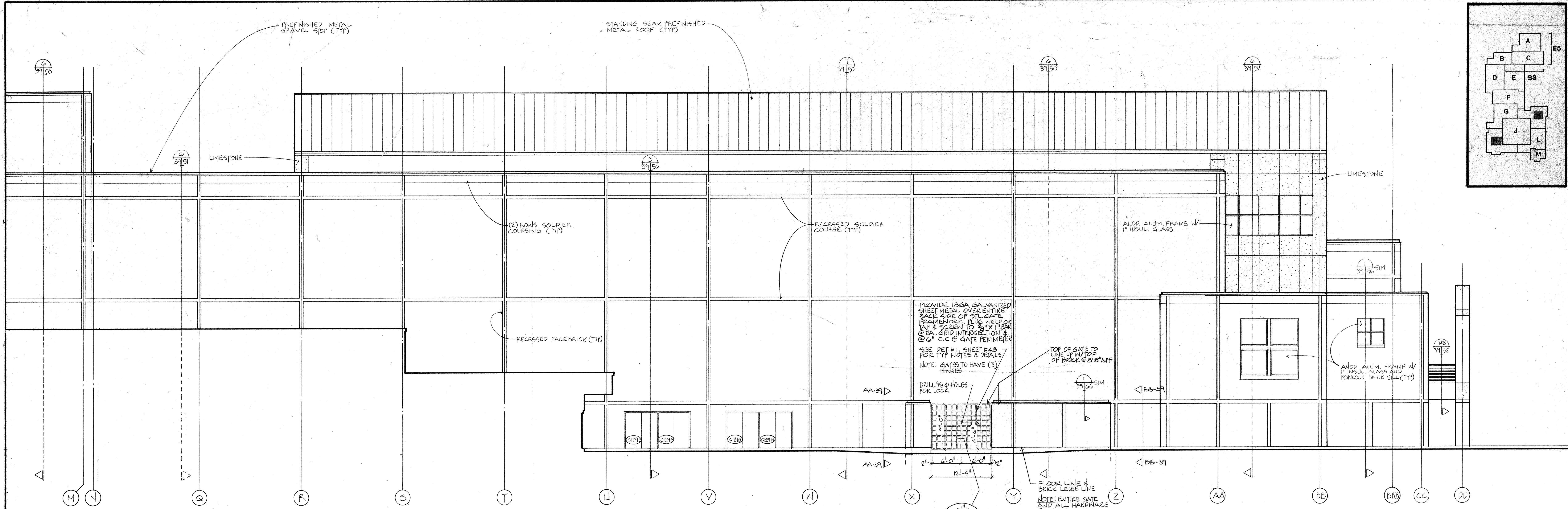
Symbol	Exterior Wall Material Legend
	Granite
	Limestone
	Brick



East Elevation - Part 4

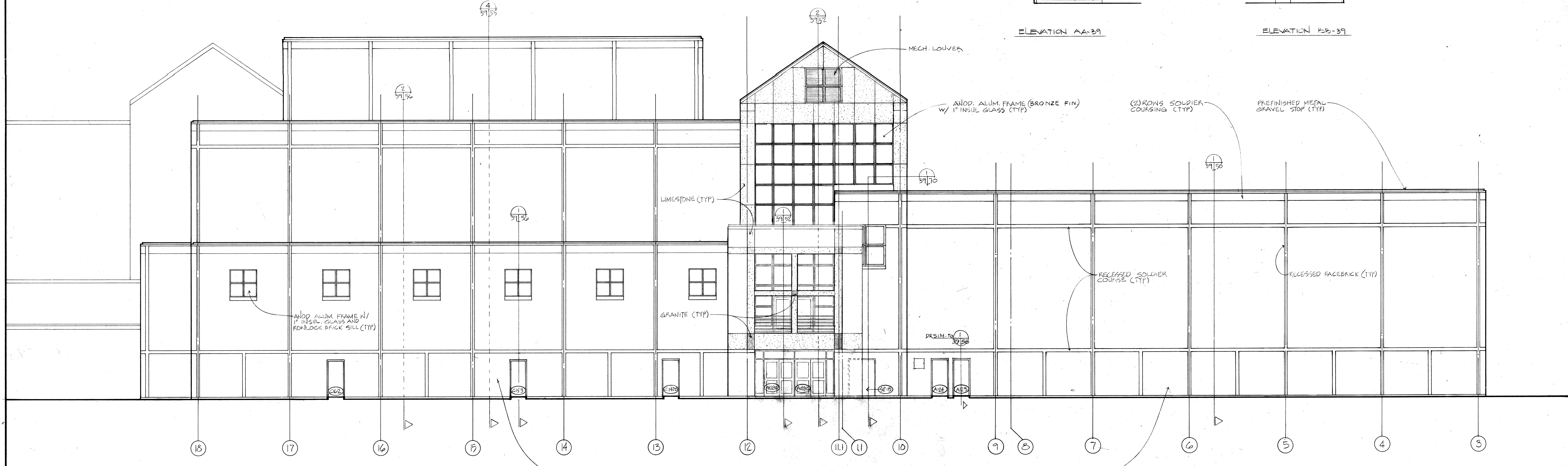
Exterior Elevations

Renovations and Additions to the Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

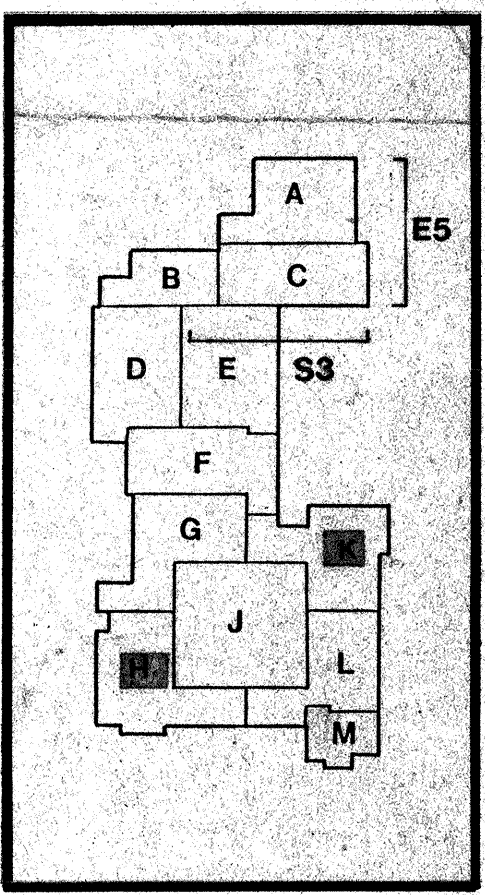


South Elevation - Part 3

Symbol	Exterior Wall Material Legend
	Granite
	Limestone
	Brick

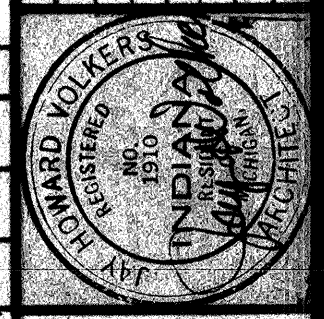


East Elevation - Part 5



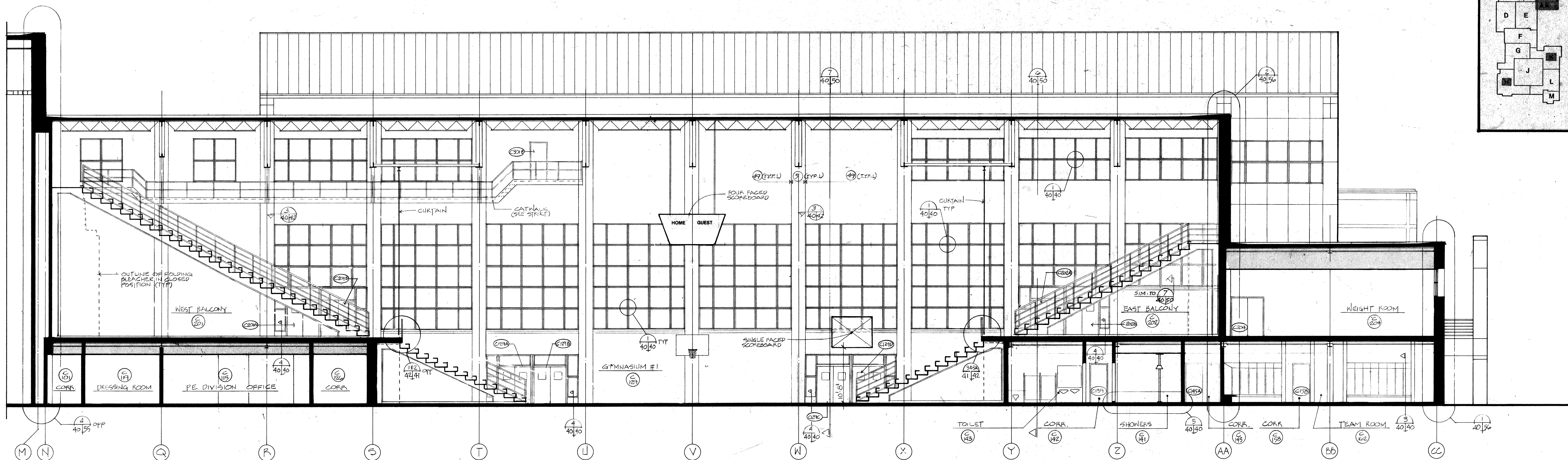
Daverman/HMRH
Associated Architects & Engineers
100 Main St., Suite 200
Burlington, MA 01803
Tel: 978/264-8800
Fax: 978/264-8801

Revision No.	Revision Description	Date
1	7/15/84 DESIGN DEVELOPMENT	FEB/1987
2	BIDS / CONSTRUCTION	

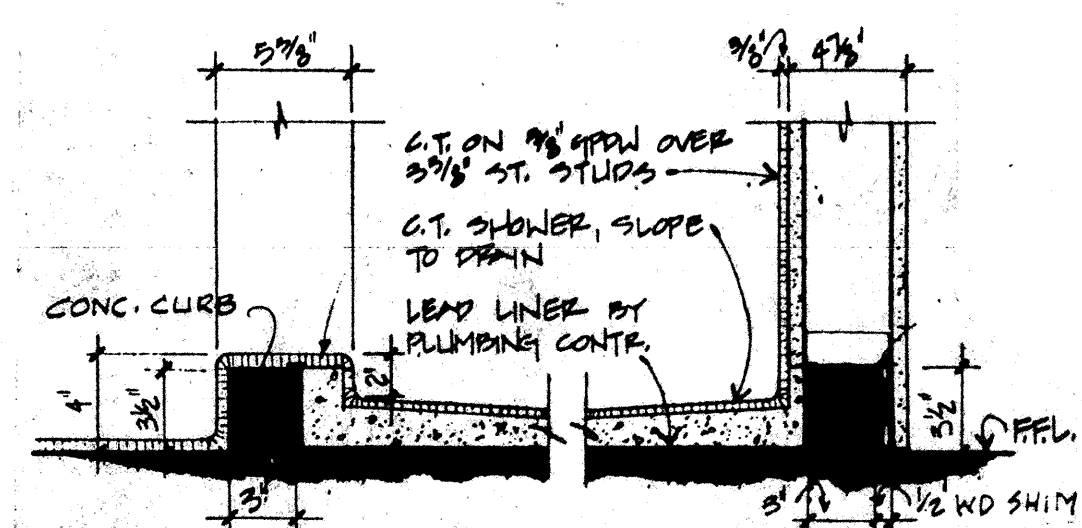


Exterior Elevations

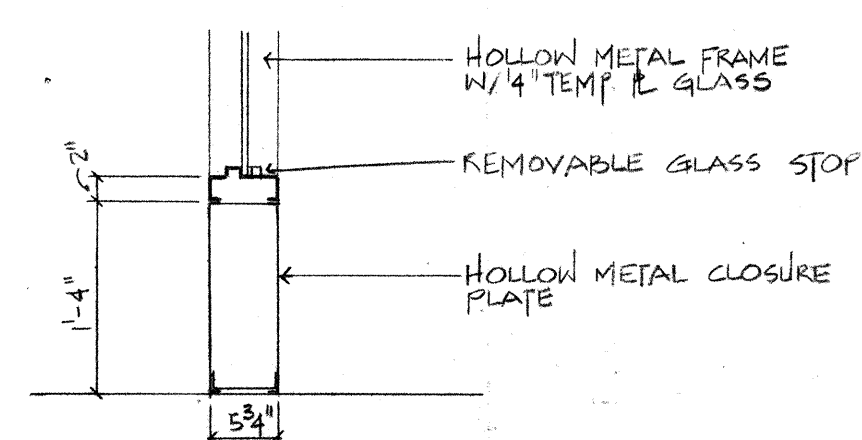
Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana



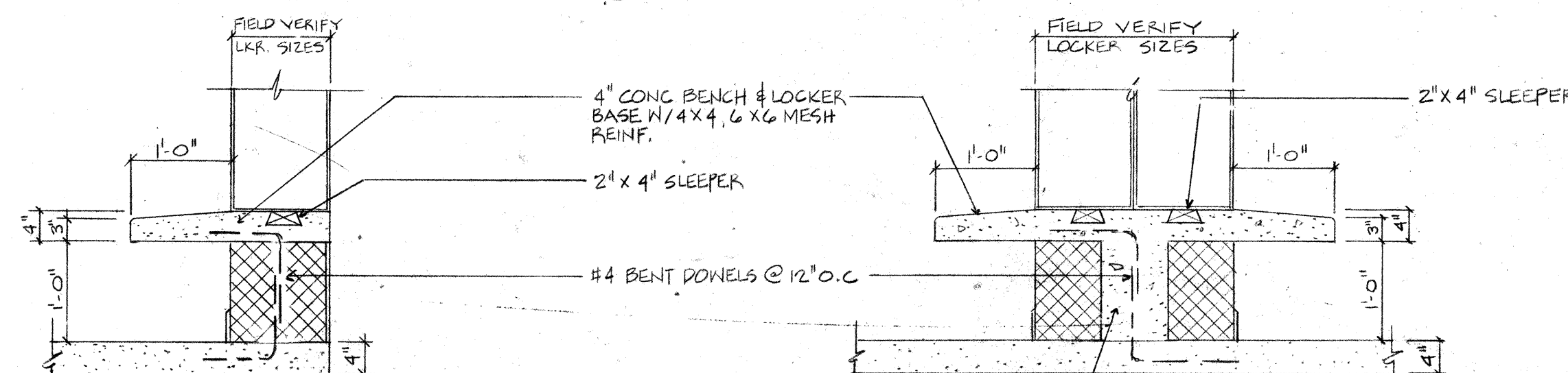
AA
Longitudinal Section through Gymnasium 1



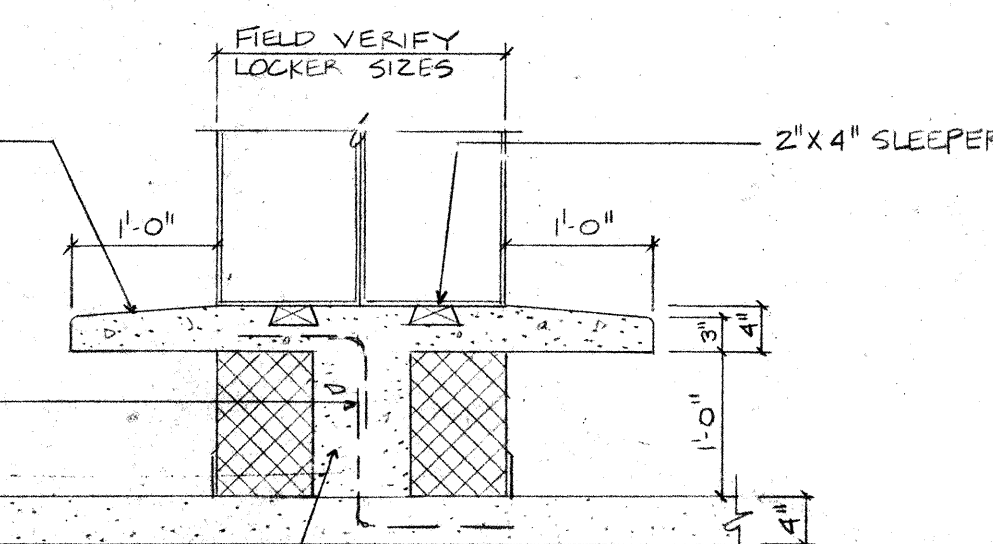
5
TYPICAL SHOWER STALL CURB
SC: 12" x 12" x 0"



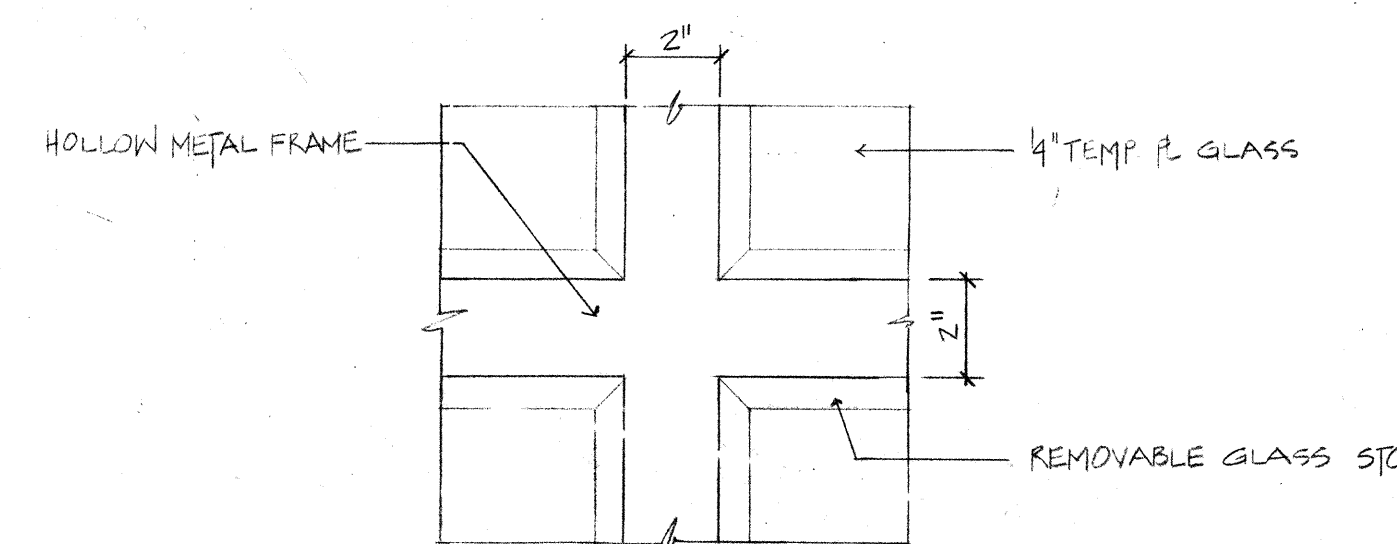
4
TYPICAL HOLLOW METAL FRAME BASE ASSEMBLY
SC: 34" x 1'-0"



3
TYPICAL LOCKER ROOM LOCKER BASE
SC: 34" x 1'-0"

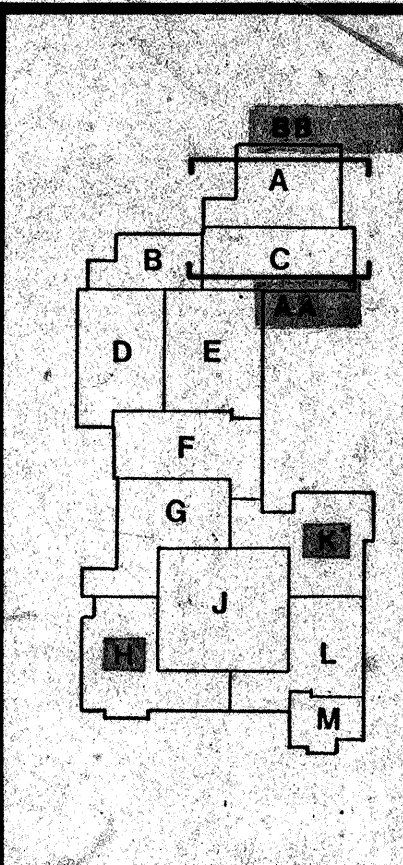
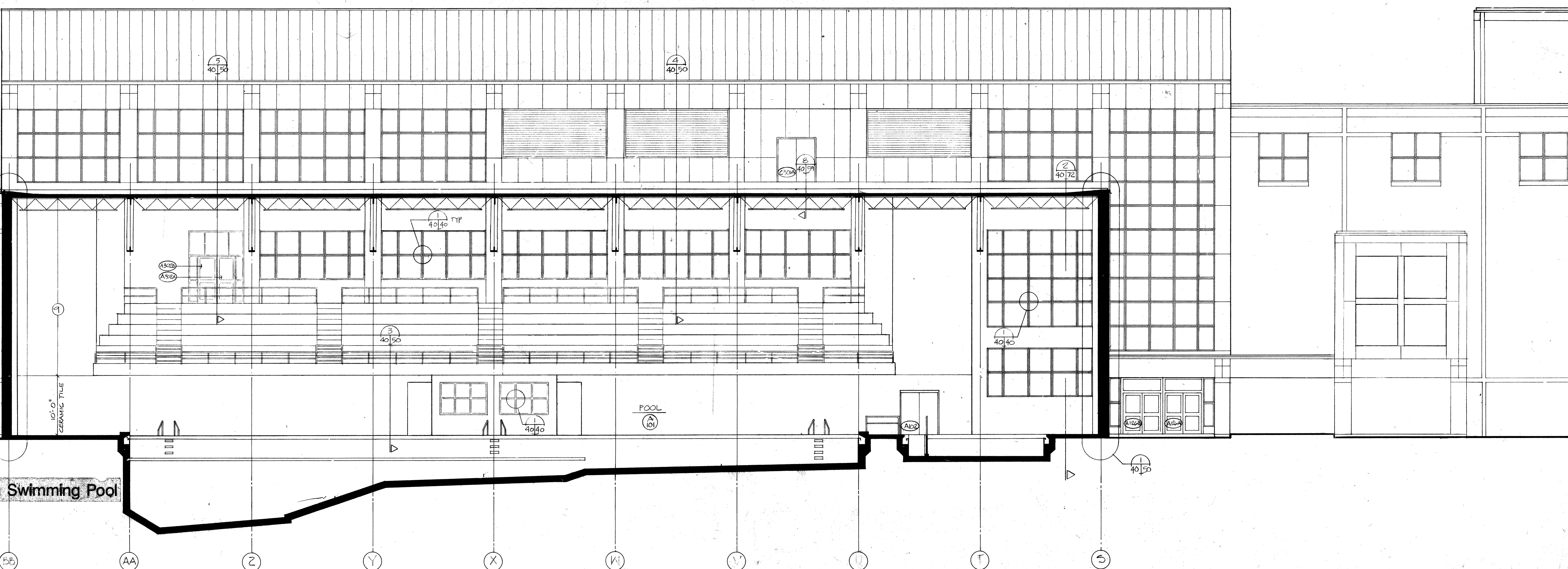


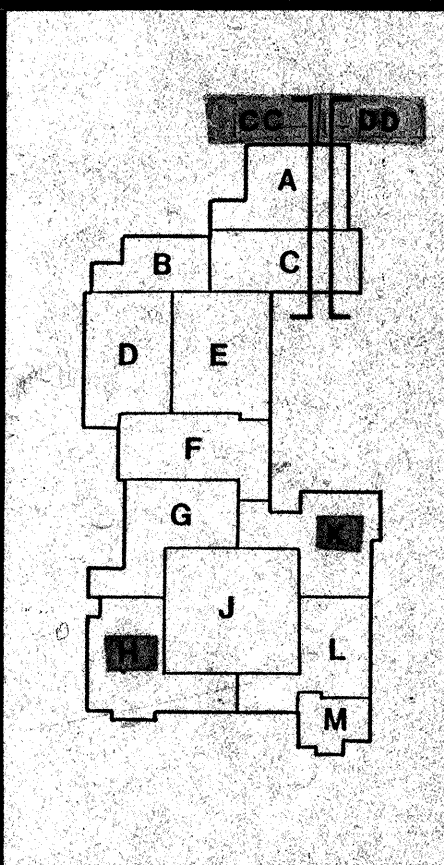
2
TYPICAL ISLAND TYPE LOCKER BASE
SC: 34" x 1'-0"



1
TYPICAL HOLLOW METAL INTERIOR GLASS INTERSECTION DETAIL
SC: 3" x 1'-0"

BB
Longitudinal Section through Swimming Pool





Daverman/HMFH
Associated Architects & Engineers

Office: New York, NY
Grand Rapids, Michigan 49503-3044
Telephone: 616-456-8000

Revision No. _____

Date: 7-2-94

Project: Penn High School

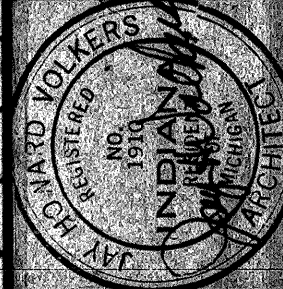
Sheet: CC & DD

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

Author: J. H. H.

Checker: J. H. H.

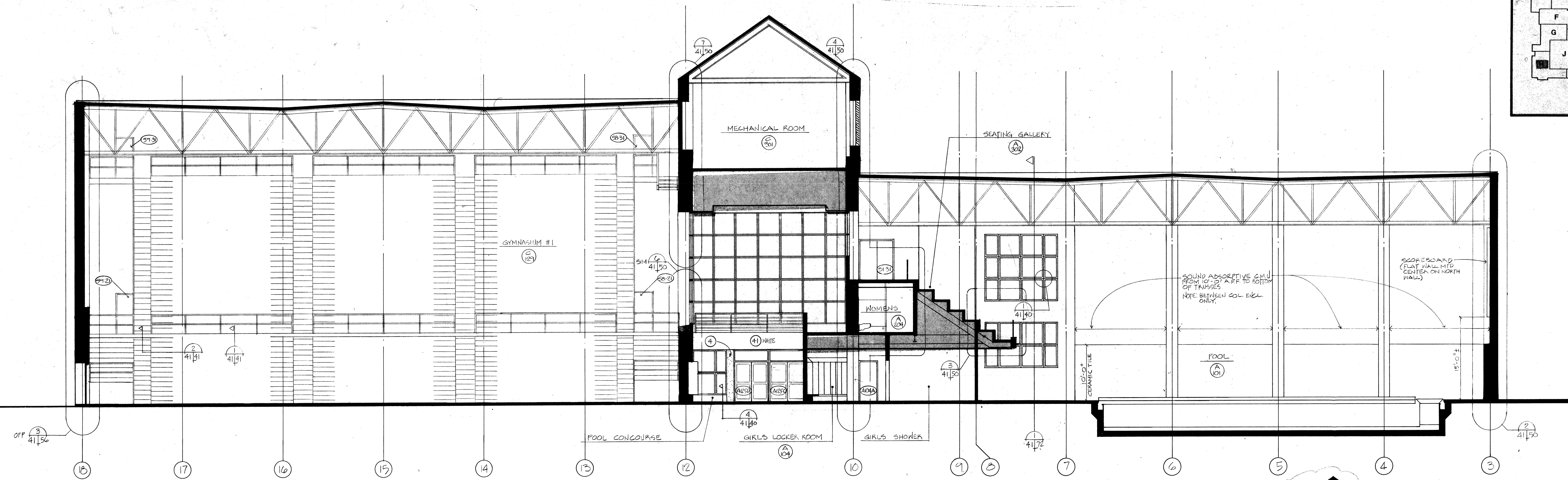
Engineer: J. H. H.



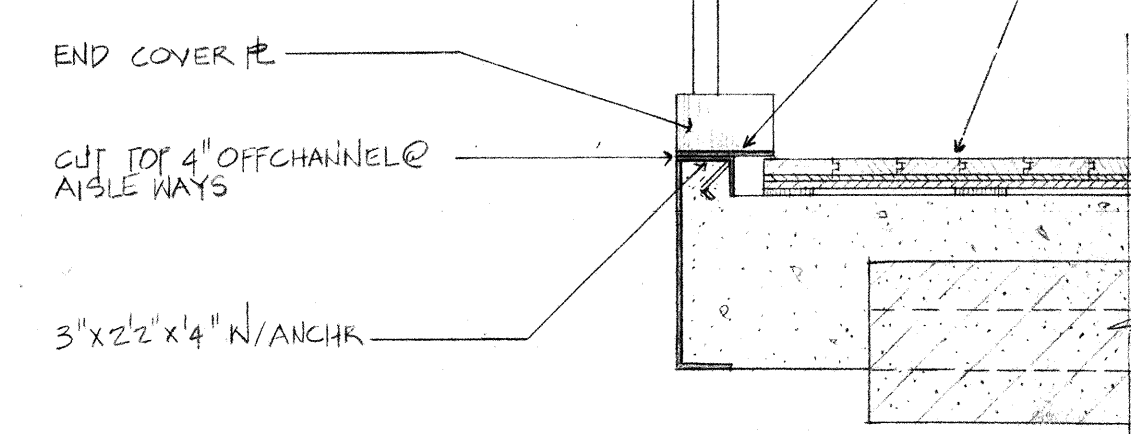
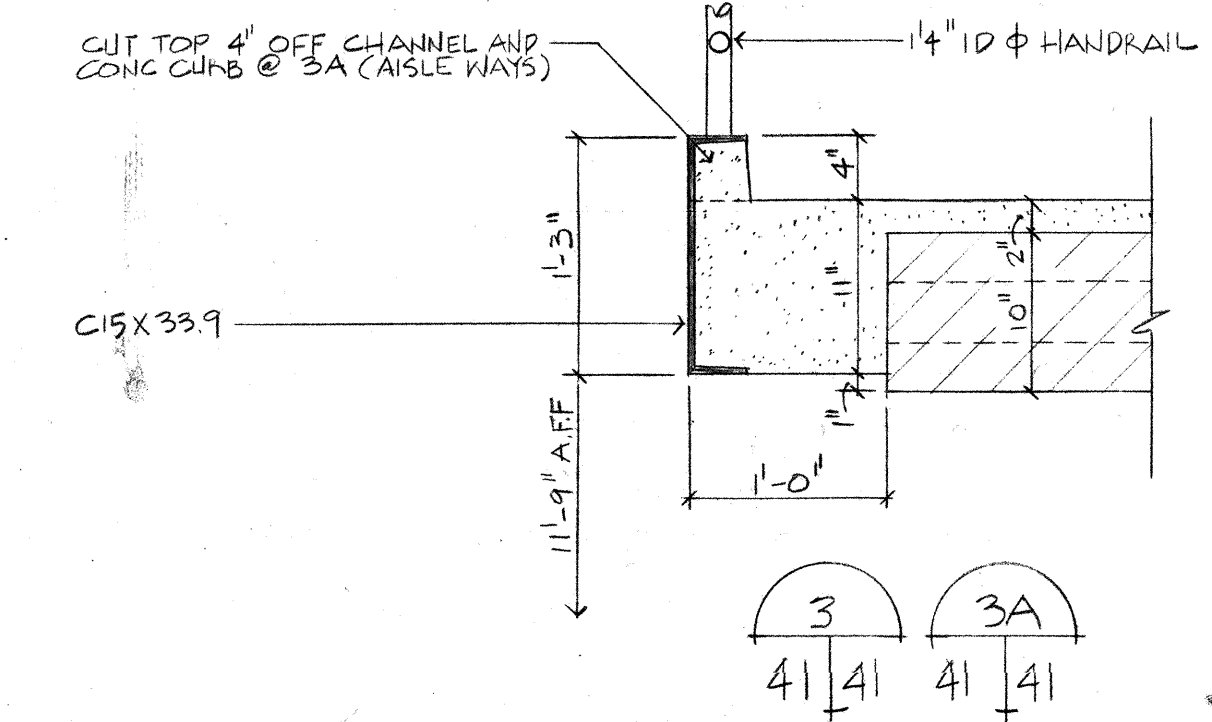
Building Sections CC & DD

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

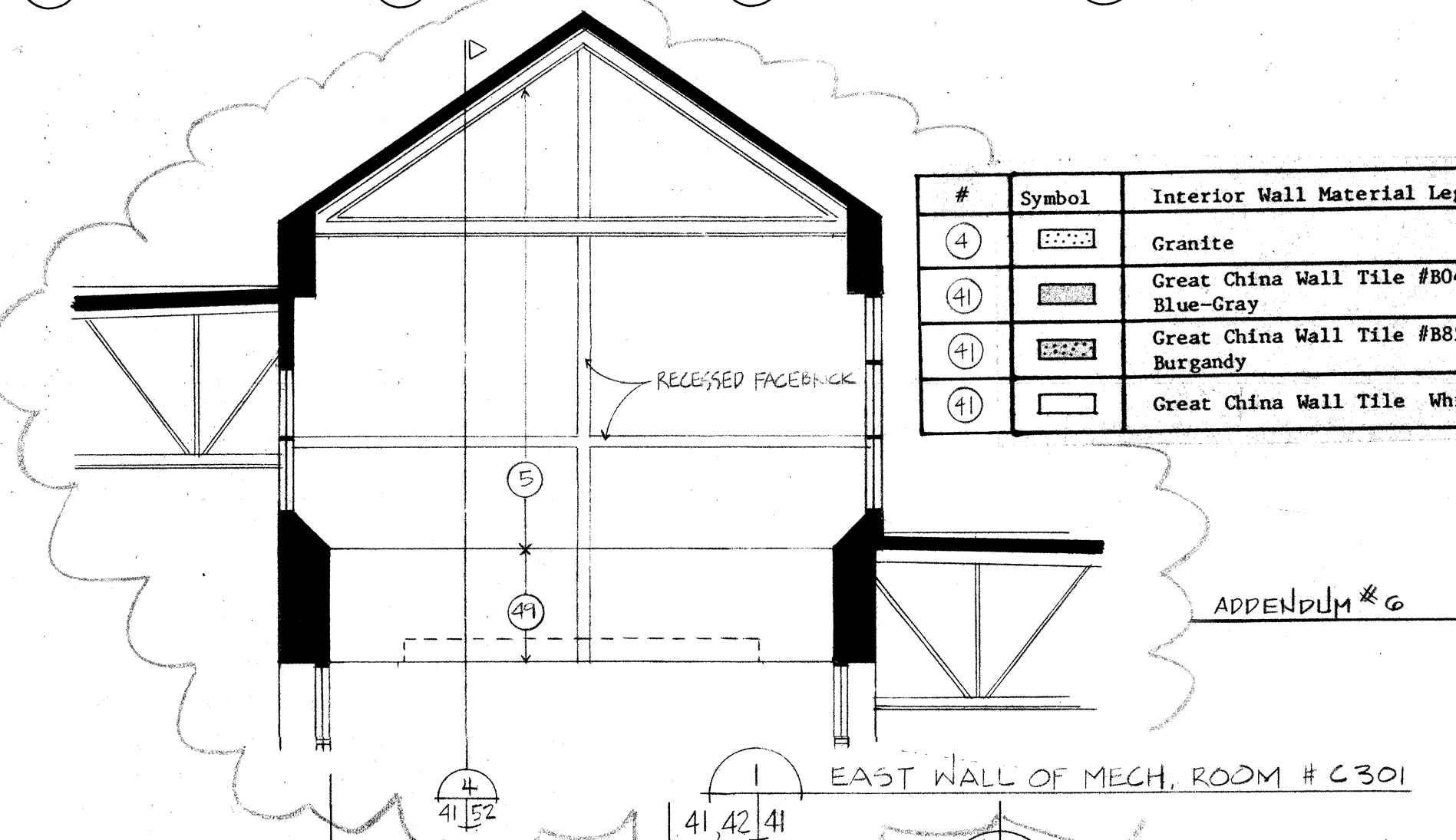
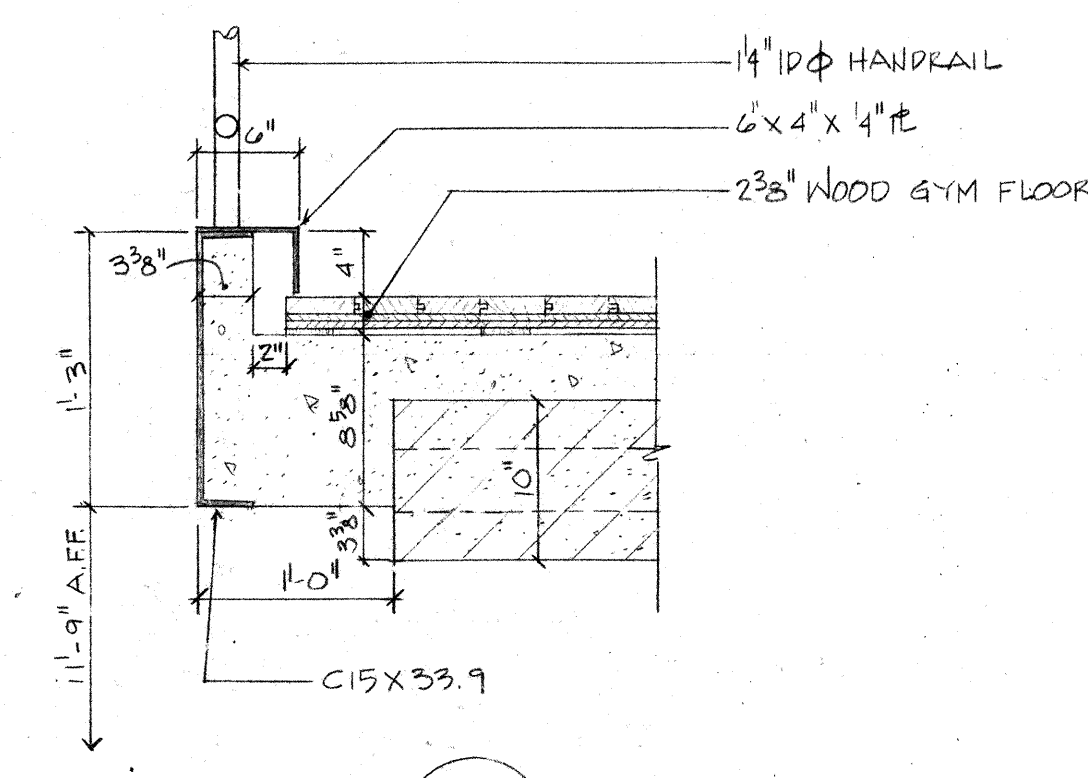
Drawing Number
41
MS088.01



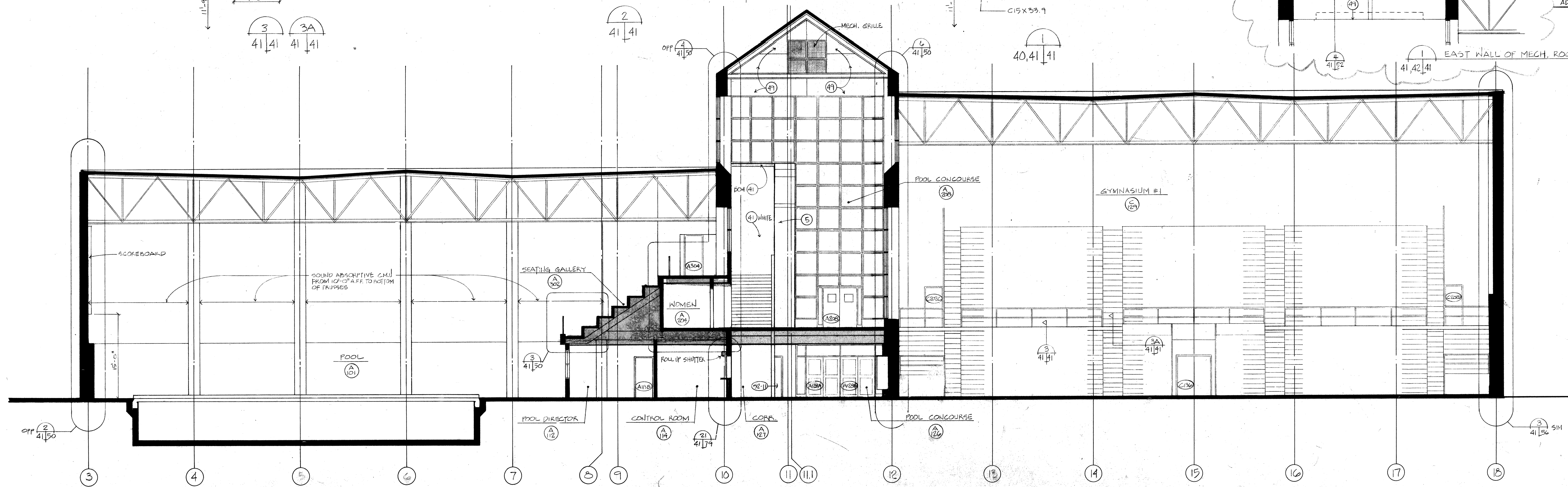
CC
Cross Section through Gymnasium I and Swimming Pool



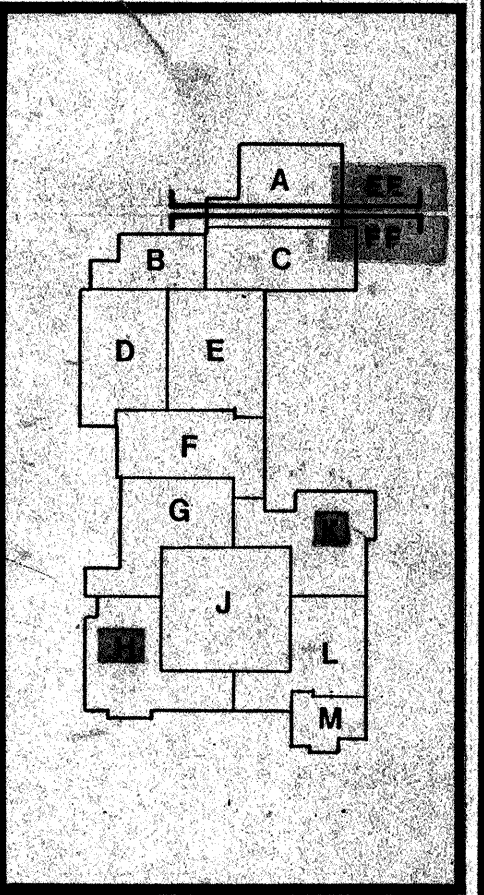
NOTE: IF ALTERNATE #22 IS APPROVED TO DELETE WOOD FLOOR ON DETAILS 1 & 2, REFER TO DRAWING 9-93A FOR TYP. CONSTRUCTION.



#	Symbol	Interior Wall Material Legend
4	[Symbol]	Granite
41	[Symbol]	Great China Wall Tile #804 Blue-Gray
41	[Symbol]	Great China Wall Tile #885 Burgandy
41	[Symbol]	Great China Wall Tile White

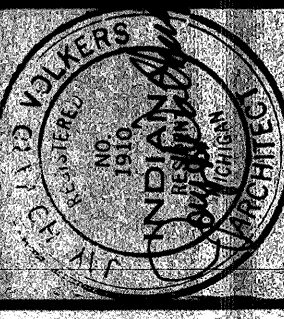


DD
Cross Section through Swimming Pool and Gymnasium I



Daverman/HMPH
Associated Architects & Engineers
4801 N. 1st St., Suite 200
Indianapolis, IN 46208
Phone: (317) 634-0000
Fax: (317) 634-0001

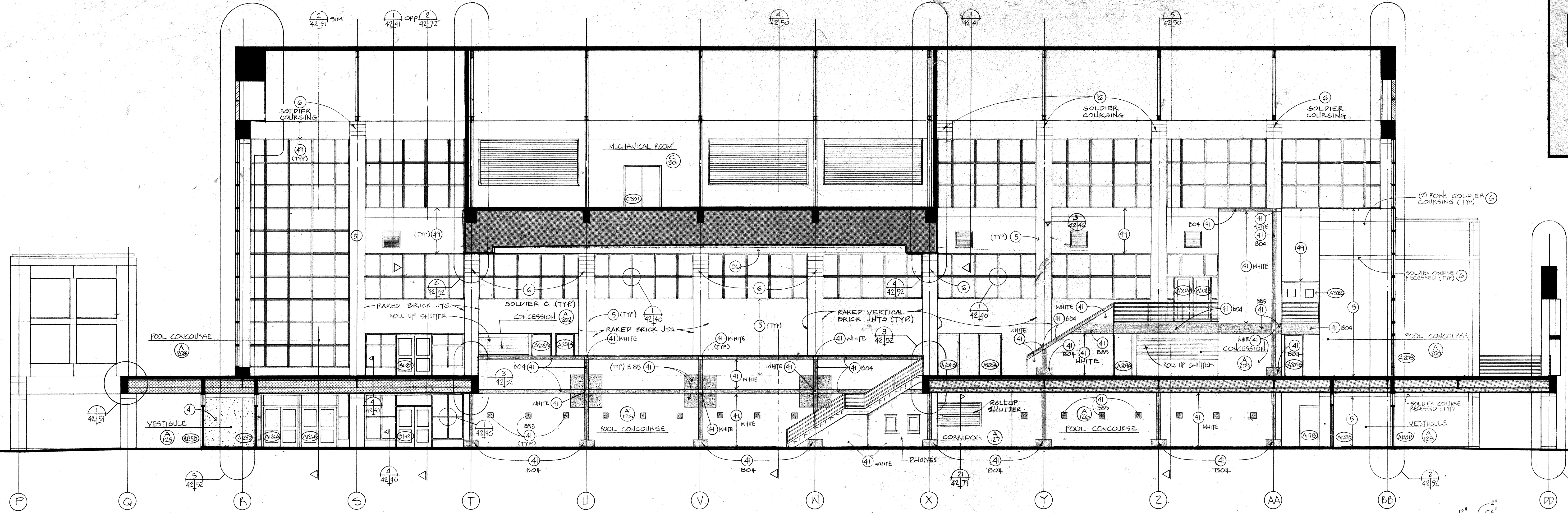
NO.	REVISION	DATE
1	ISSUED FOR CONSTRUCTION	11/18/81
2	REVISION	11/18/81
3	REVISION	11/18/81
4	REVISION	11/18/81
5	REVISION	11/18/81
6	REVISION	11/18/81
7	REVISION	11/18/81
8	REVISION	11/18/81
9	REVISION	11/18/81
10	REVISION	11/18/81
11	REVISION	11/18/81
12	REVISION	11/18/81
13	REVISION	11/18/81
14	REVISION	11/18/81
15	REVISION	11/18/81
16	REVISION	11/18/81
17	REVISION	11/18/81
18	REVISION	11/18/81
19	REVISION	11/18/81
20	REVISION	11/18/81



Building Sections EE & FF

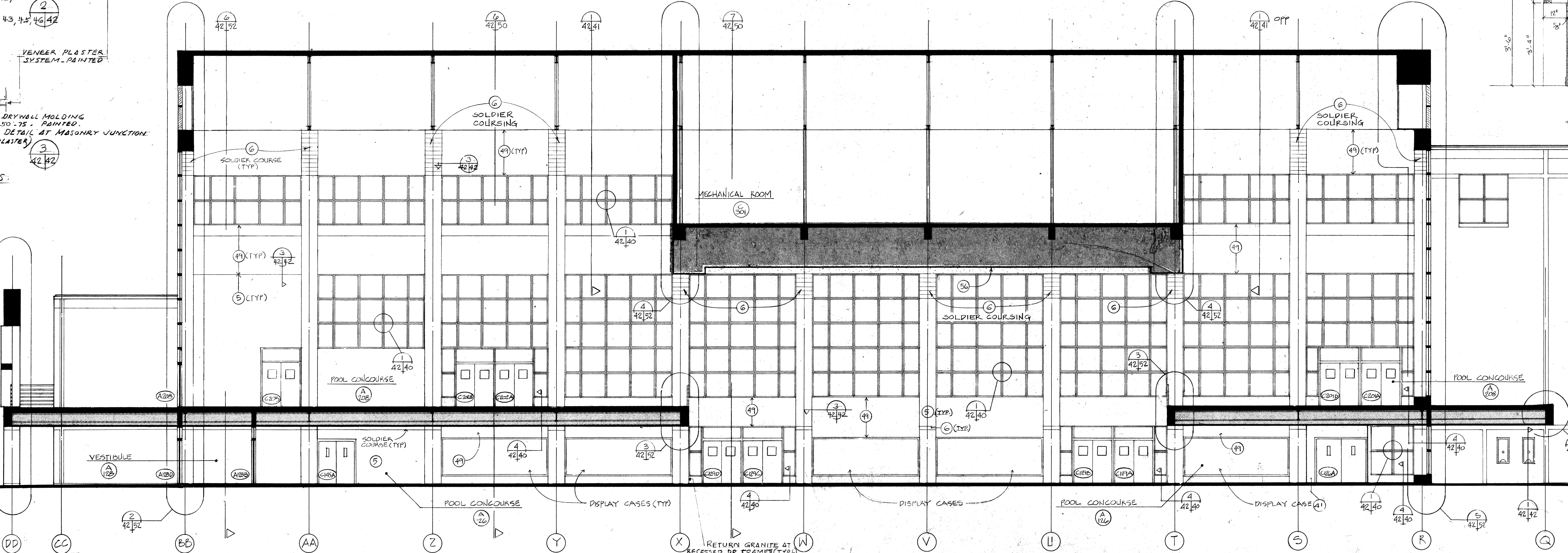
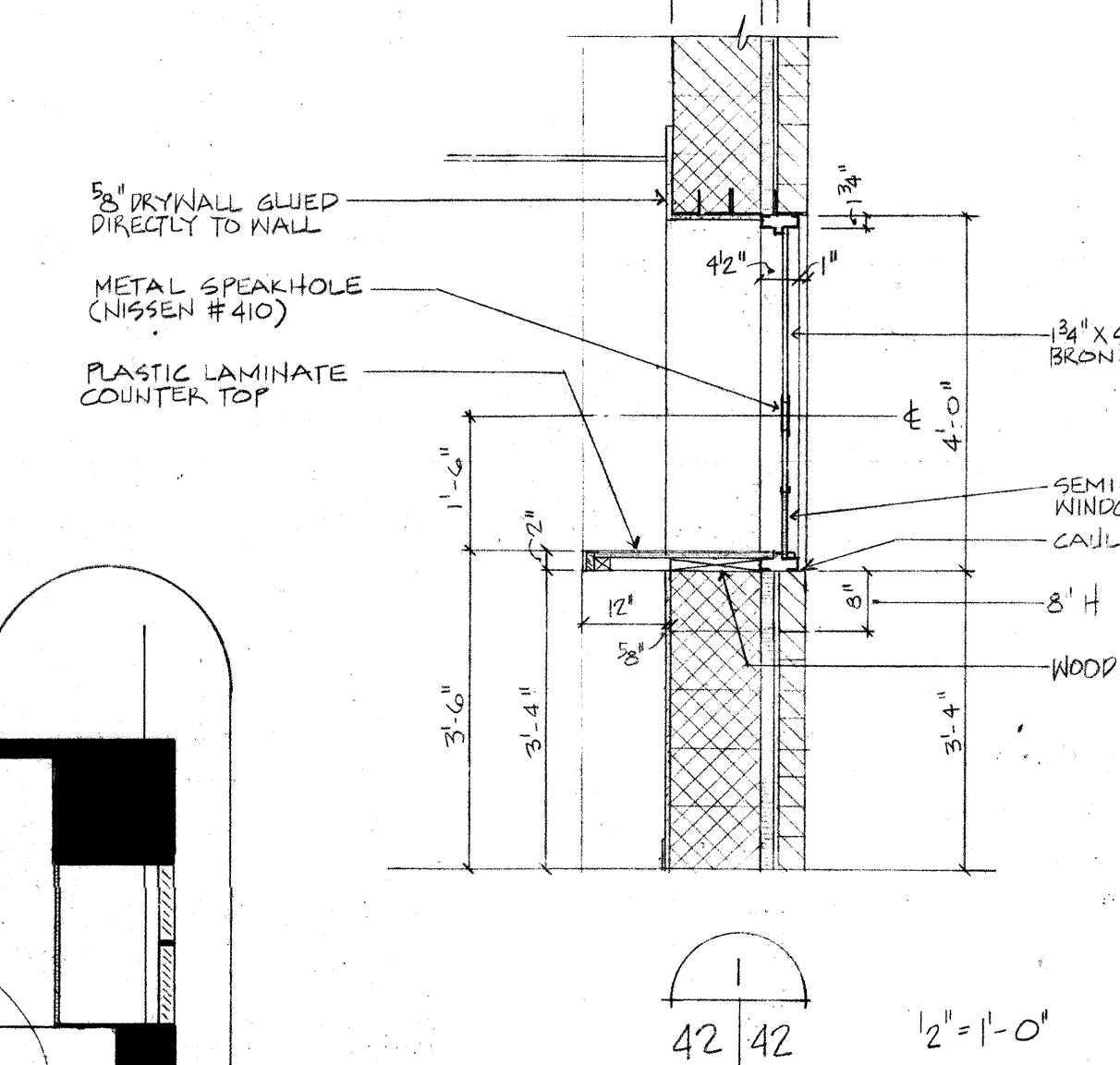
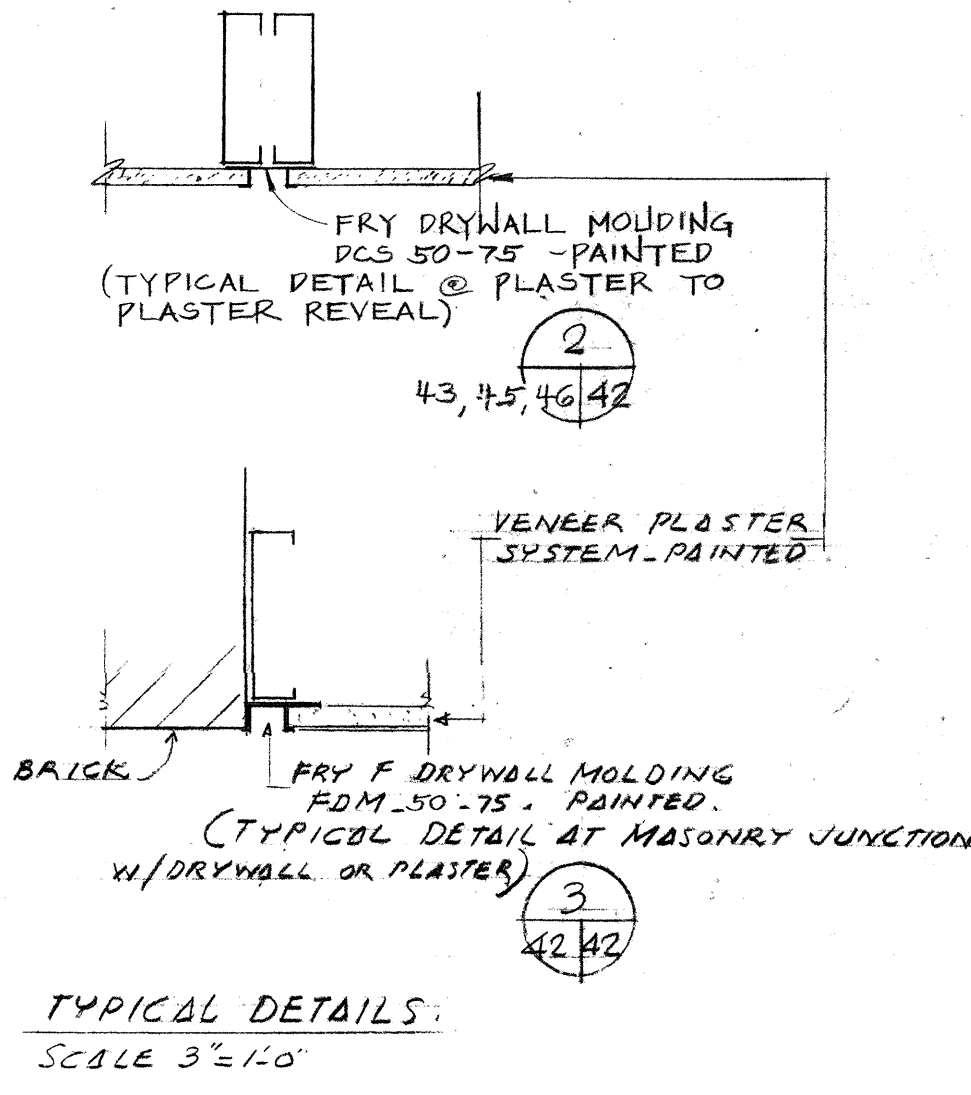
Renovations and Additions to the Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

42
11/18/81



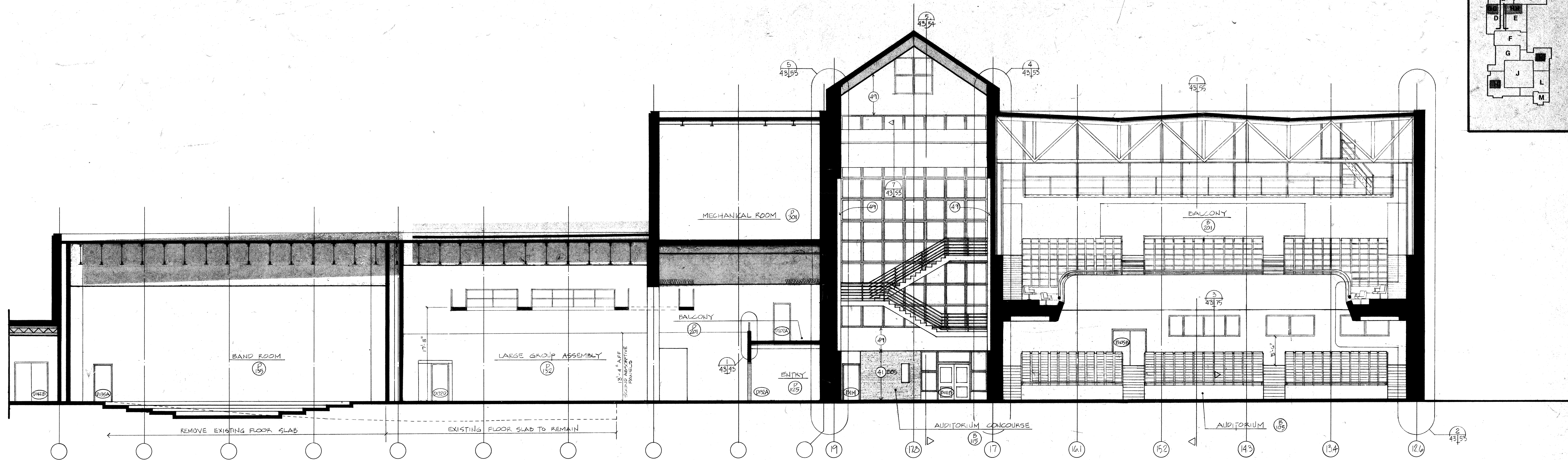
EE
Longitudinal Section through Gymnasium/Pool Lobby

④ TYPICAL NOTE:
3/4" GRANITE WALL-TILE CEMENT DIRECTLY
TO 1/2" THICK IMPERIAL PLASTER BASE WITH
SILICON ADHESIVE 1200



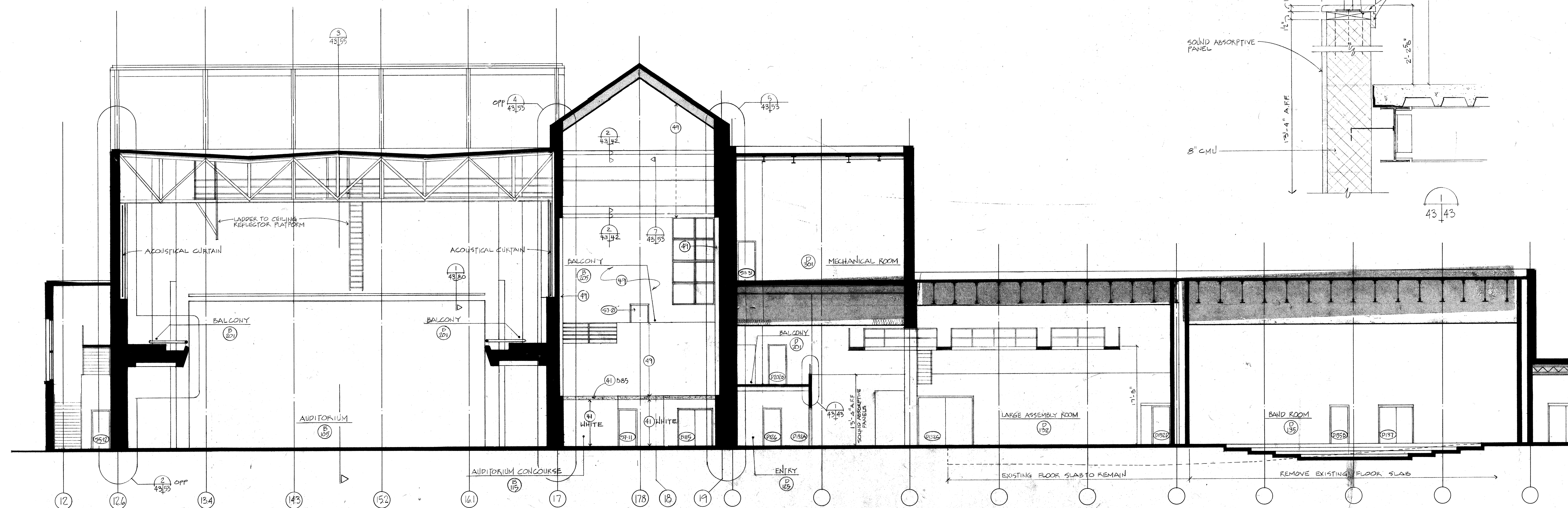
FF
Longitudinal Section through Gymnasium/Pool Lobby

#	Symbol	Interior Wall Material Legend
④	Granite	Granite
④	Great China Wall Tile #B04	Great China Wall Tile #B04
④	Blue-Gray	Blue-Gray
④	Great China Wall Tile #B85	Great China Wall Tile #B85
④	Burgandy	Burgandy
④	Great China Wall Tile White	Great China Wall Tile White



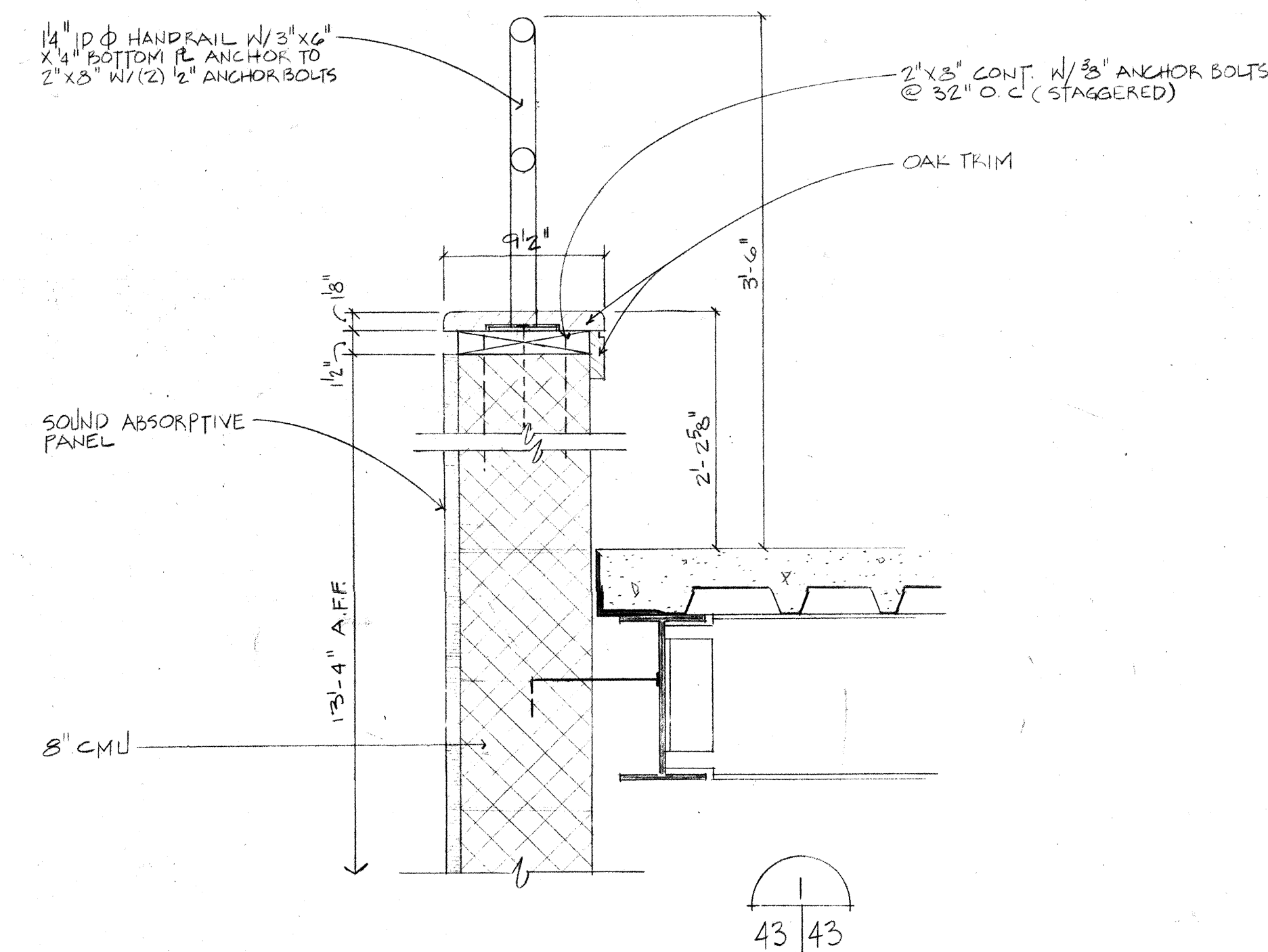
GG

Cross Section through Band Room, Large Group Assembly Room and Auditorium



HH

Cross Section through Auditorium, Large Group Assembly Room and Band Room



#	Symbol	Interior Wall Material Legend
(4)		Granite
(41)		Great China Wall Tile #804 Blue-Gray
(41)		Great China Wall Tile #885 Burgandy
(4)		Great China Wall Tile White

Daverman/HMFH
Associated Architects & Engineers

38 South Park
Chapel Hill, NC 27514
Tel: 919/966-9944
Fax: 919/966-9945

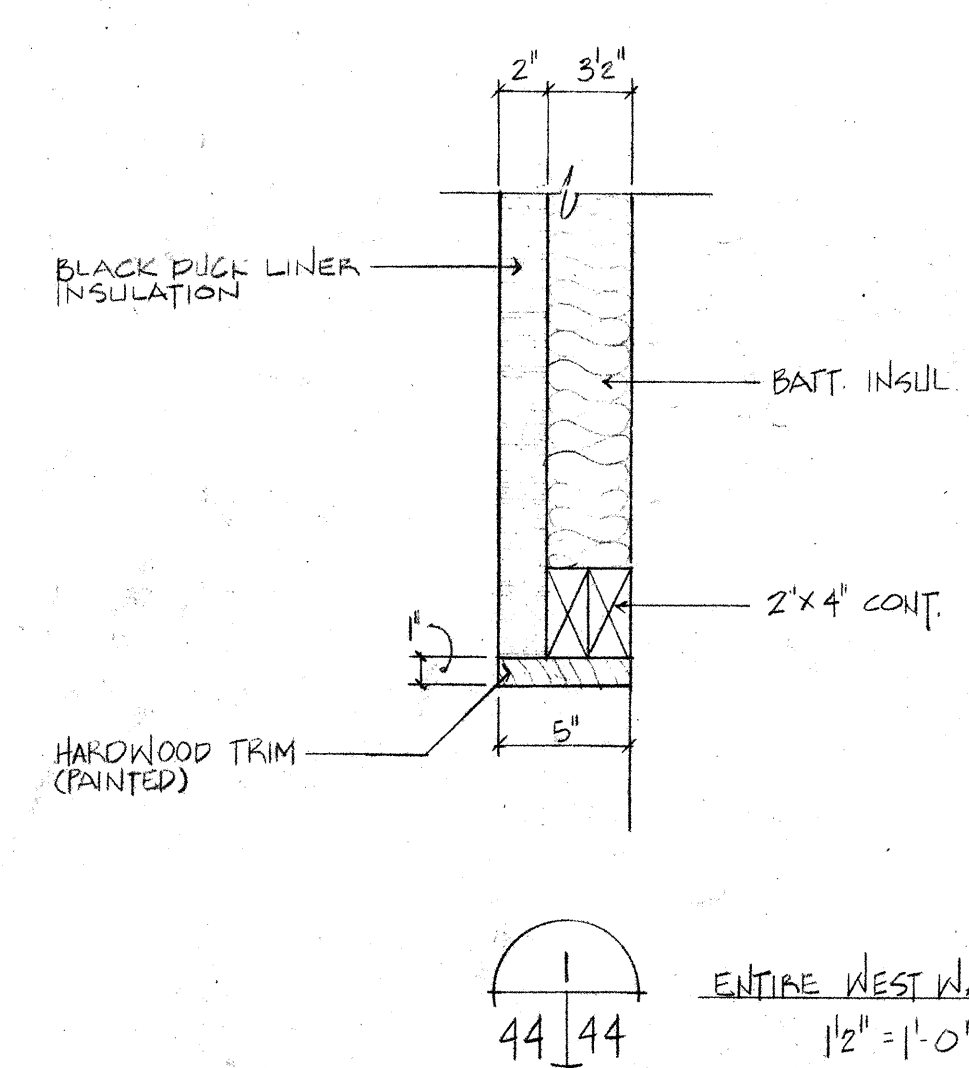
Building Sections GG & HH

Renovations and Additions to the Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

Date: 1/15/94
 1/15/94 DESIGN DEVELOPMENT
 1/15/94 2/15/94 CONSTRUCTION
 4/23/97 APPENDIX #2
 5/11/97 APPENDIX #1

43

15055.01



$2\frac{1}{2}'' \times 2\frac{1}{2}''$ OAK RAIL IN /
 COUNTERSINK SQUARES
 @ $16''$ O.C.

$\frac{1}{2}'' \times 1\frac{1}{2}''$ CONT. STEEL BAR
 WELD TO VERT PIPE

$\frac{1}{4}''$ SAFETY GL. MIRROR

$\frac{1}{8}'' \phi$ PIPE @ $5'-0''$ O.C.
 MAX. (PAINTED) SET IN
 SLEEVES W/ WELDS &
 ZALUK PERIMETER

VENTED ANGLE

$2'' \phi$ SLEEVES @ $5'-0''$ O.C.

MAPLE FLOORING

$\frac{1}{2}''$ WOOD

$\frac{1}{2}''$

(3) LAYERS EXTERIOR
 GRADE PLYWOOD

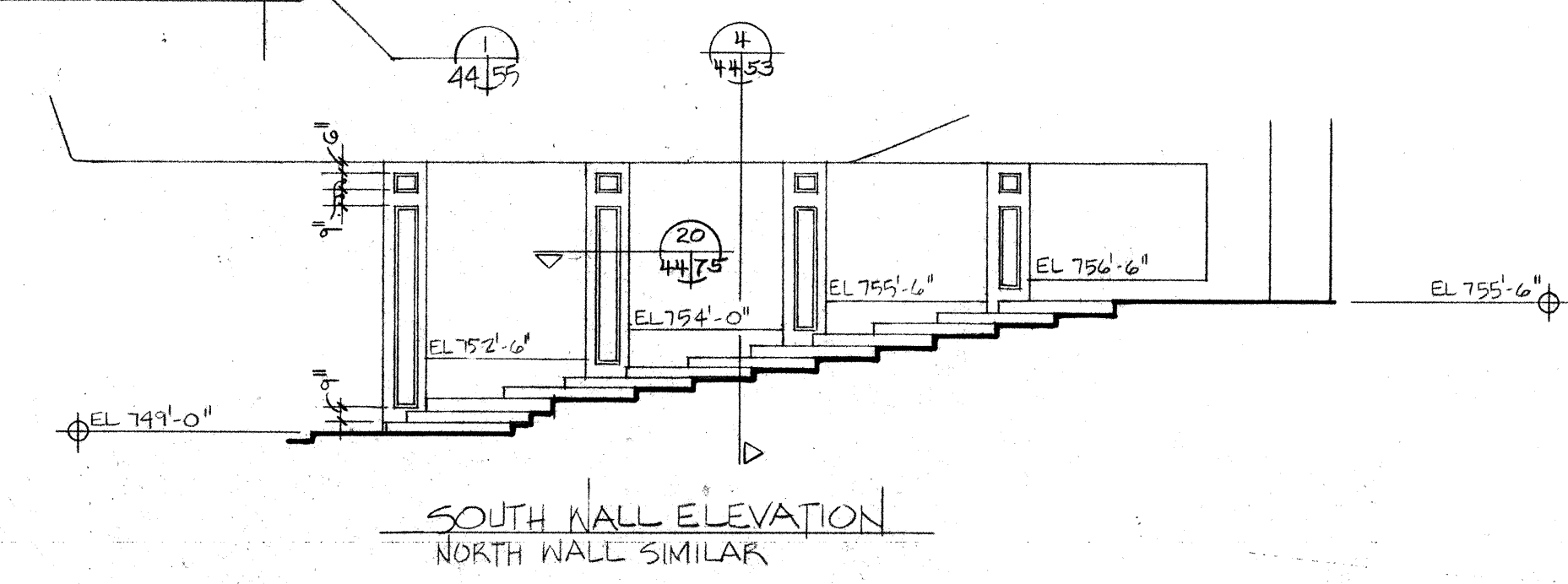
RUBBER PADS @ $12''$ O.C.

$8''$

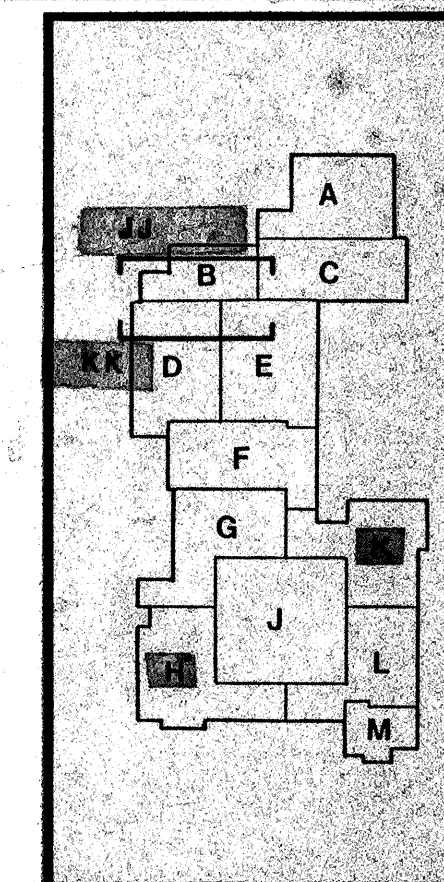
2

$16, 44, 44$

SC: $1\frac{1}{2}'' \times 1'-0''$



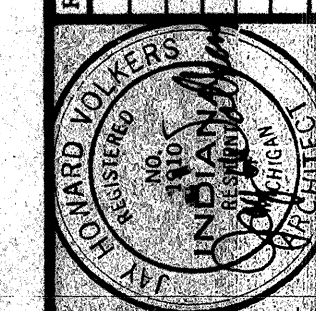
KK
Longitudinal Section through Choral Room, Large Group Assembly Room and Dance Studio



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822 Ionia, N.W.
Grand Rapids, Michigan 49503-3044

Revision No.	Date	Remarks
	7-15-86	DESIGN DEVELOPMENT
	12-20-1987	BIDS & CONSTRUCTION



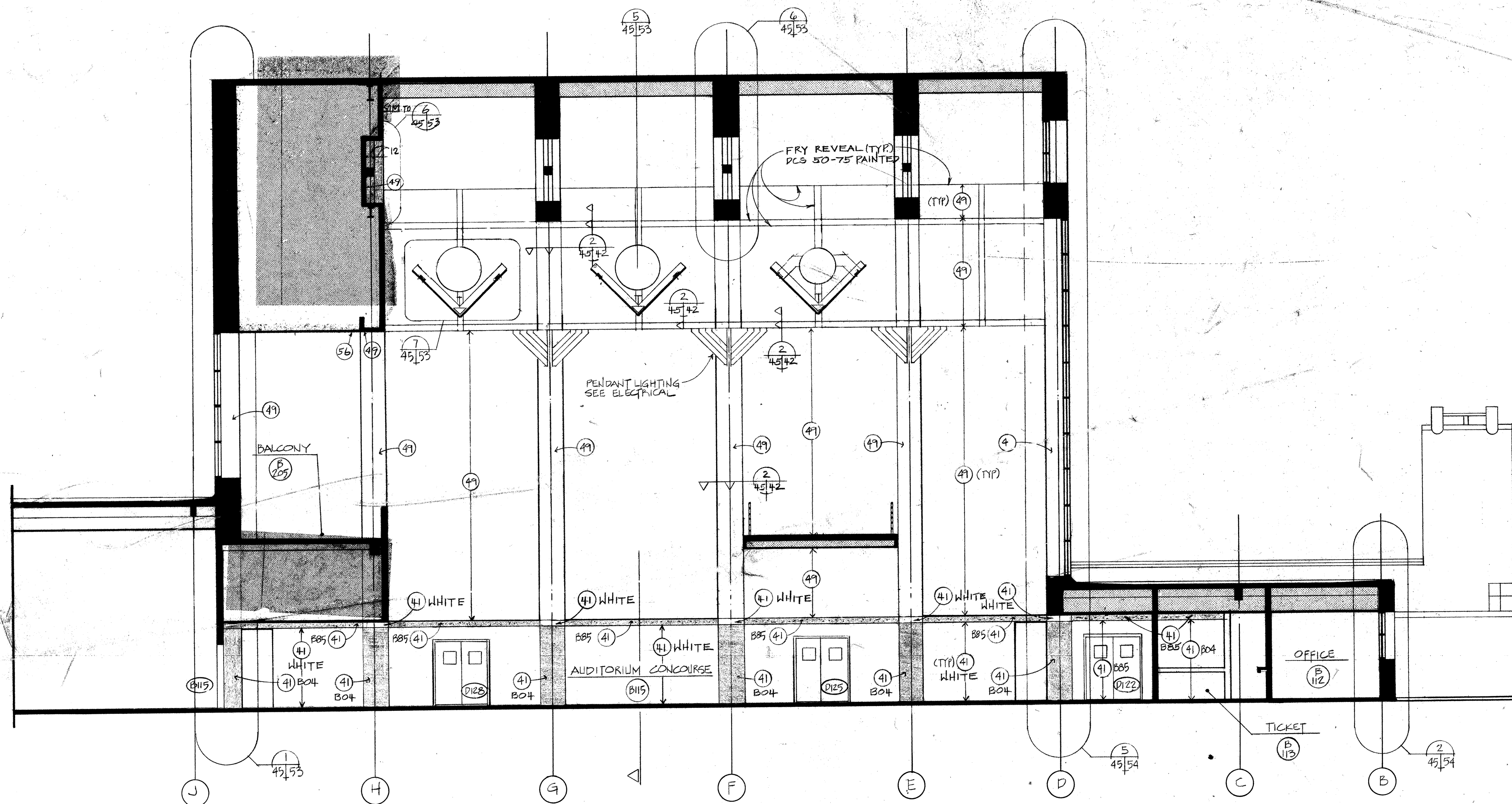
Building Sections JJ & KK

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

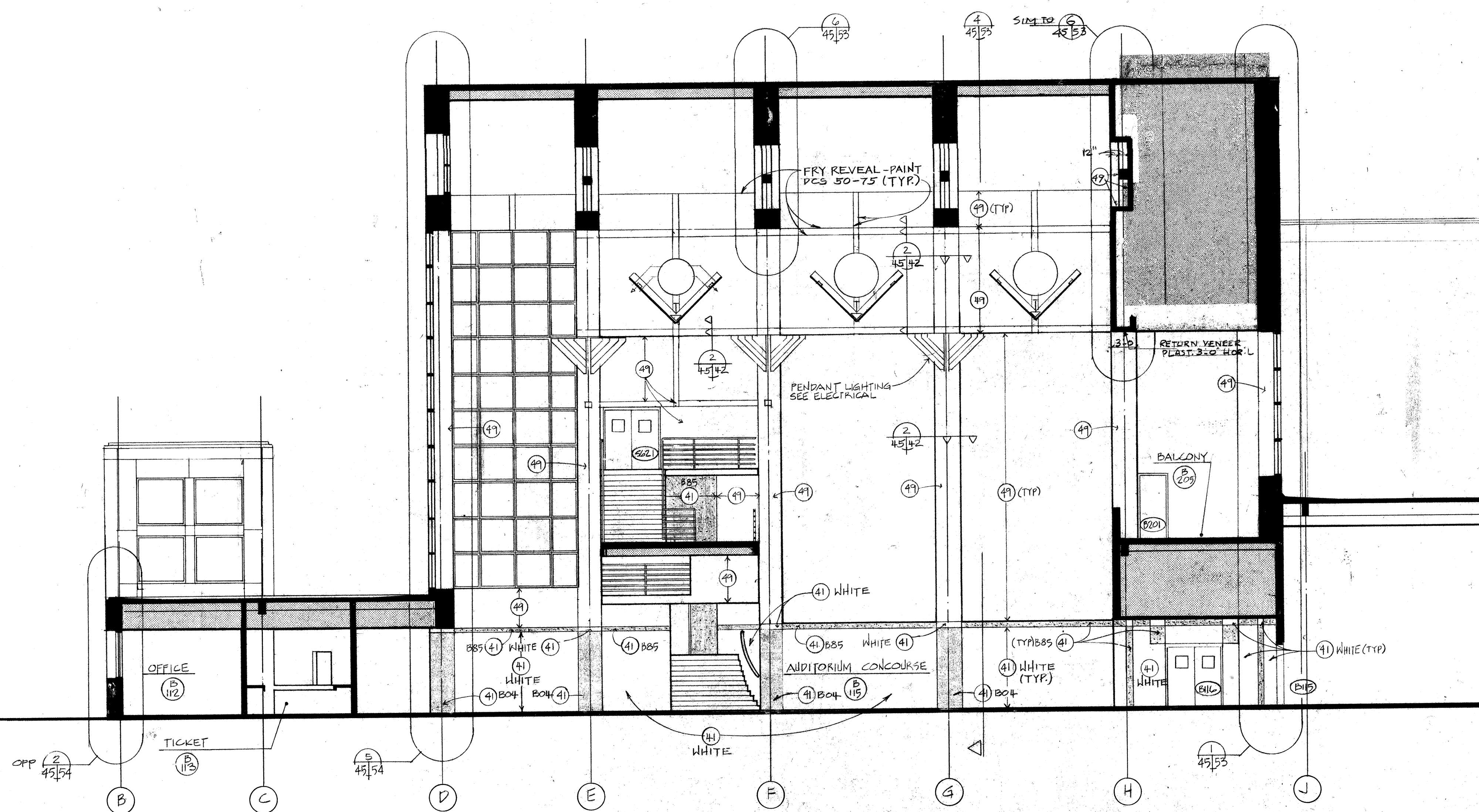
Drawing Number

44

M5086 03



LL
Longitudinal Section through Auditorium Lobby

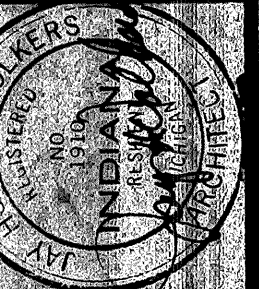


MM
Longitudinal Section through Auditorium Lobby

#	Symbol	Interior Wall Material Legend
(4)		Granite
(41)		Great China Wall Tile #B04 Blue-Gray
(41)		Great China Wall Tile #B85 Burgandy
(41)		Great China Wall Tile - White

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

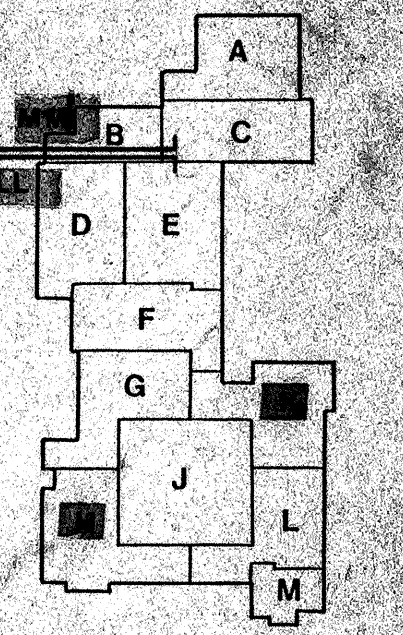
Building Sections LL & MM

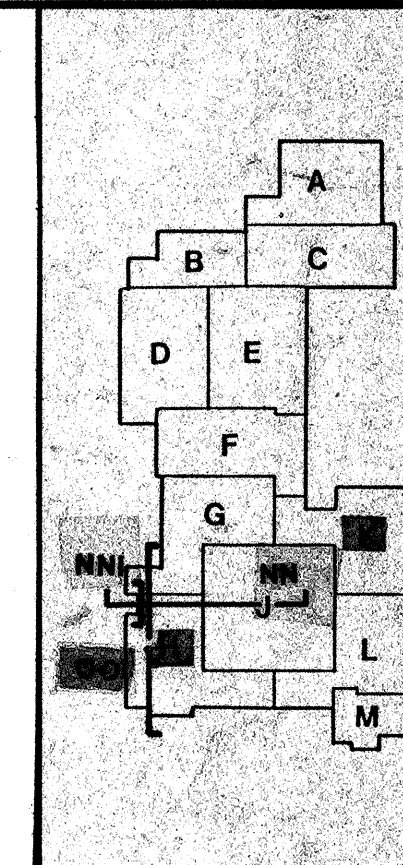


Project No. 143487
Drawing No. 45
Date 5/1/2011
Scale AS SHOWN

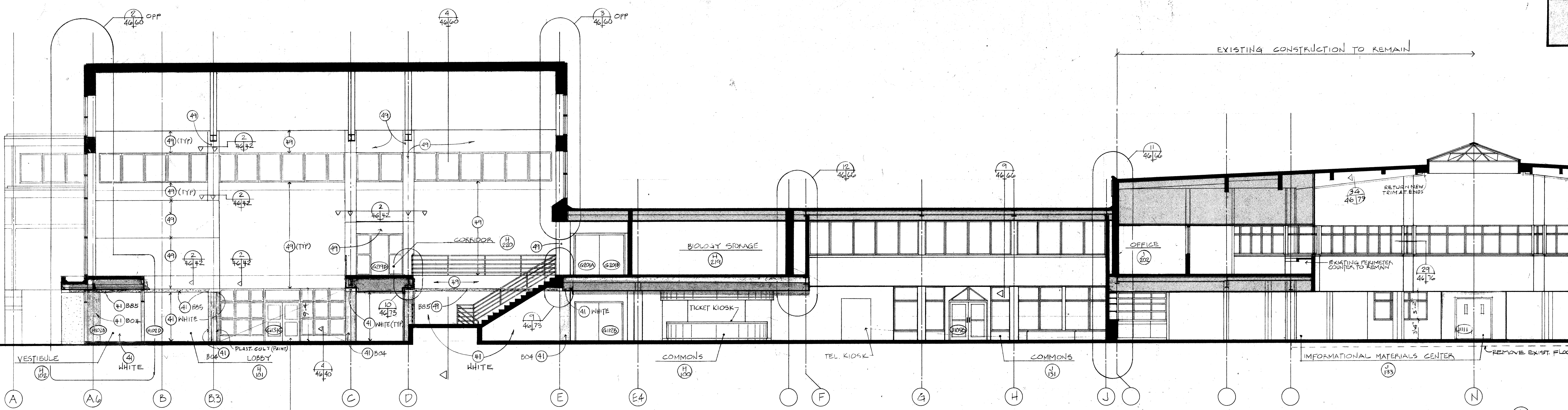
DESIGN DEVELOPMENT
ARCHITECTURAL
MECHANICAL
ELECTRICAL
PLUMBING
STRUCTURAL

Daverman/HMFH
Associated Architects & Engineers
301 Park Ave.
Grand Rapids, Michigan 49503-3944
Telephone: 616-933-8800

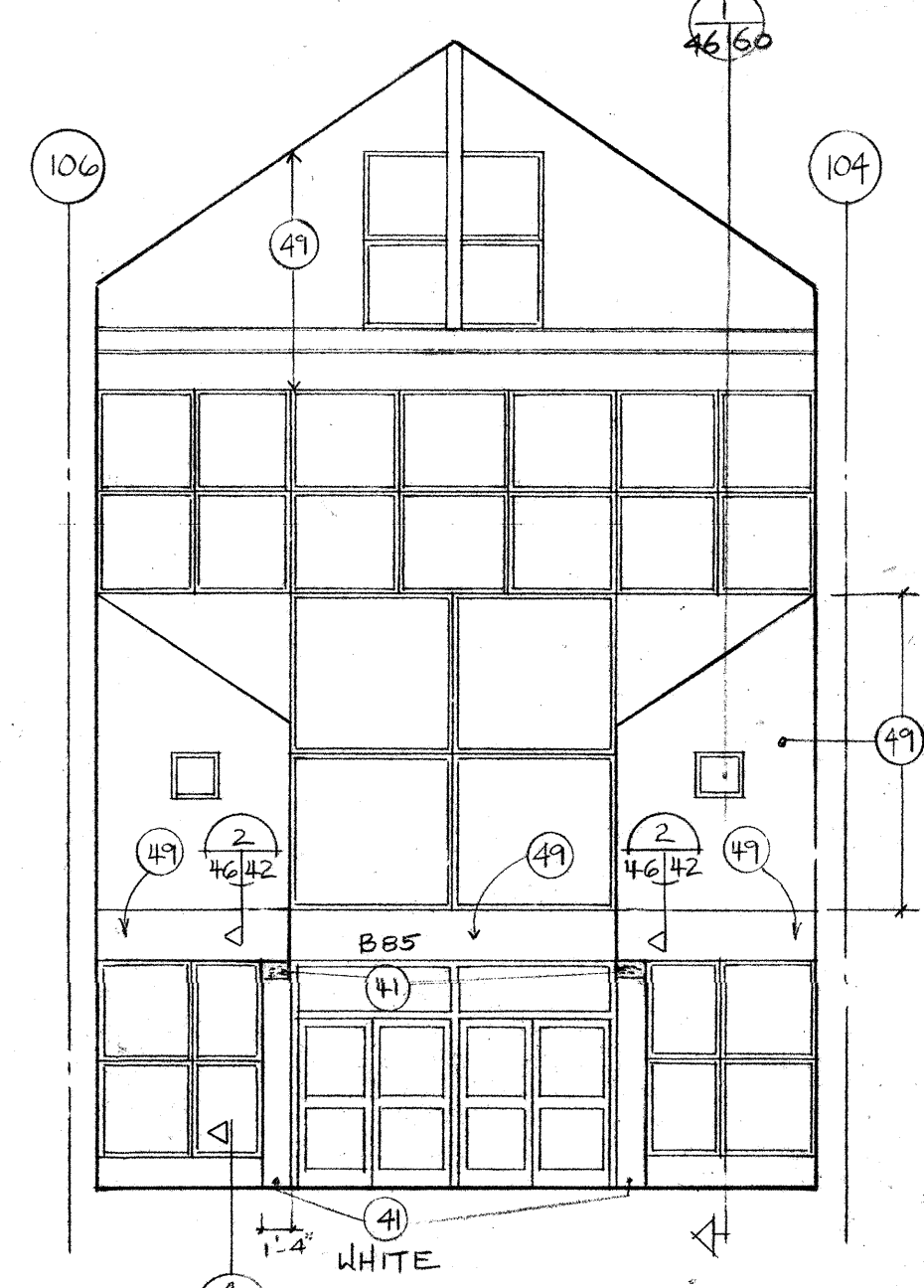
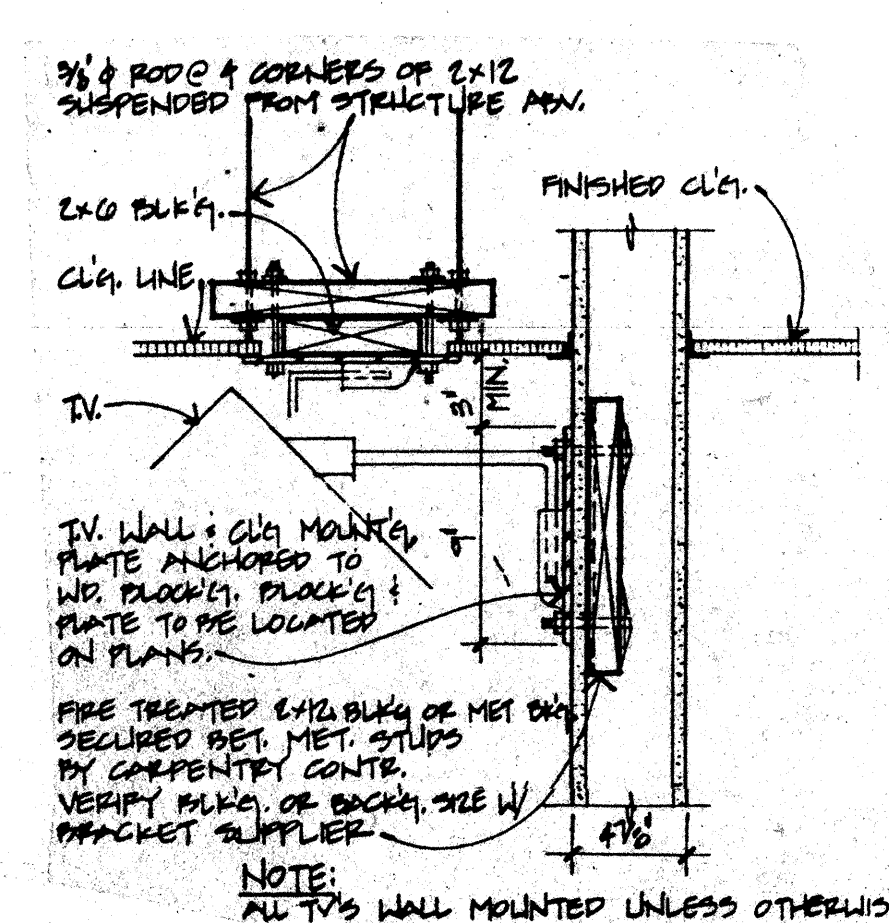




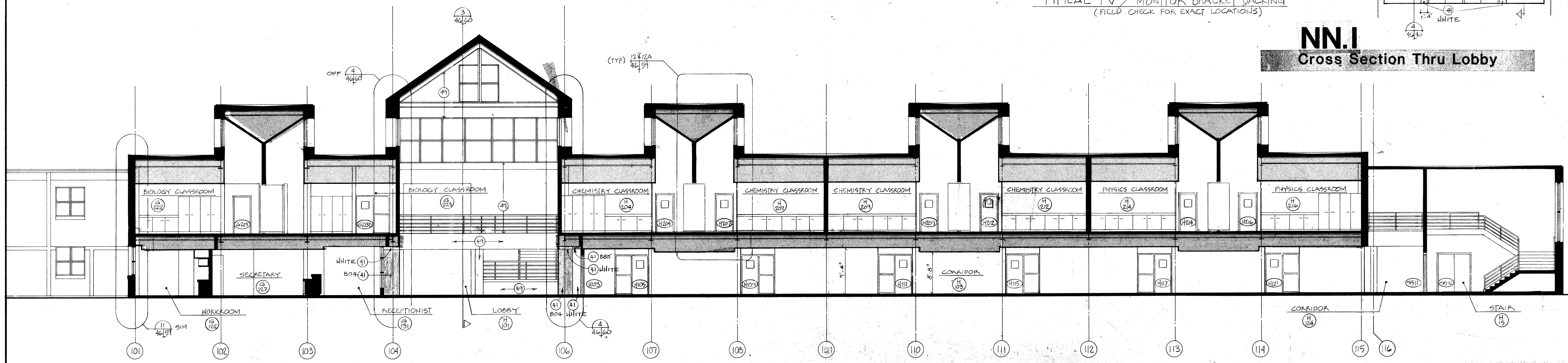
Daverman/HMFH
Associated Architects & Engineers
800 East 10th St., Suite 200
Indianapolis, IN 46203-3944
Telephone: (317) 455-5000



NN
Cross Section through Main Entrance Lobby and IMC



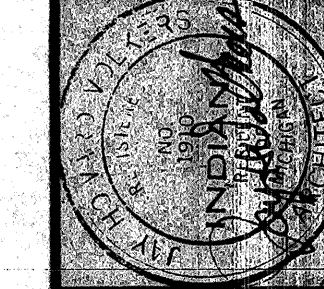
NN.I
Cross Section Thru Lobby



OO
Longitudinal Section through Administration, Humanities and Science Classrooms

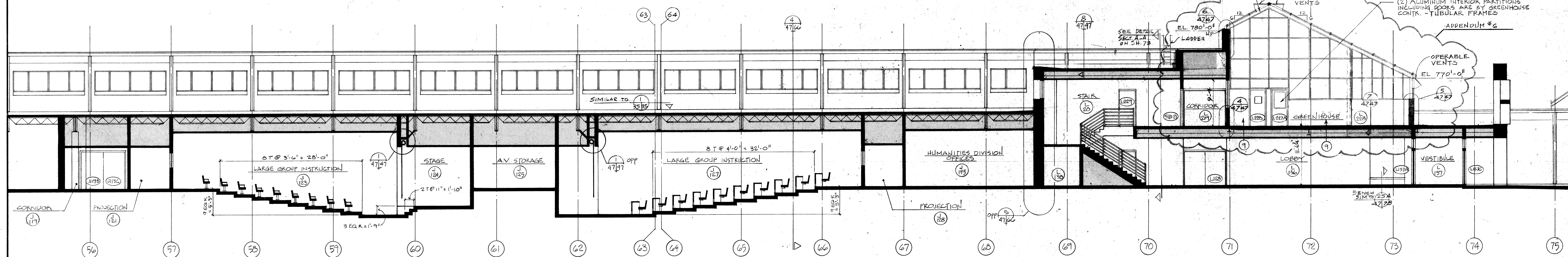
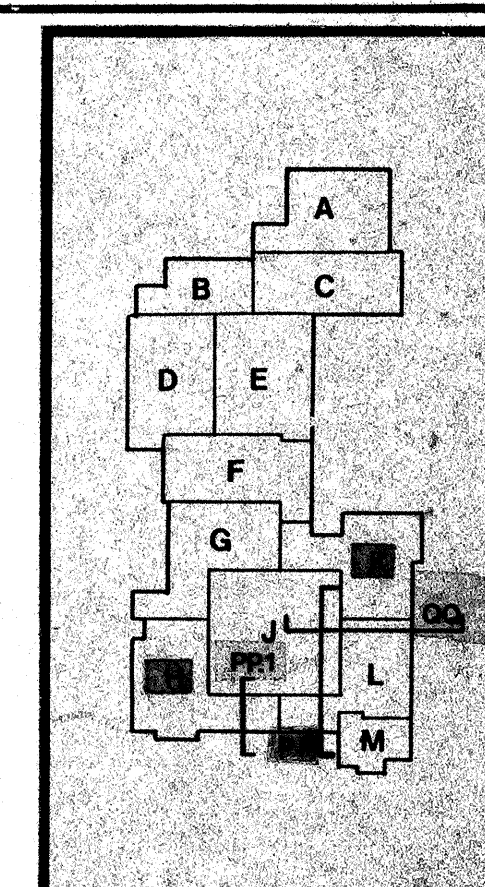
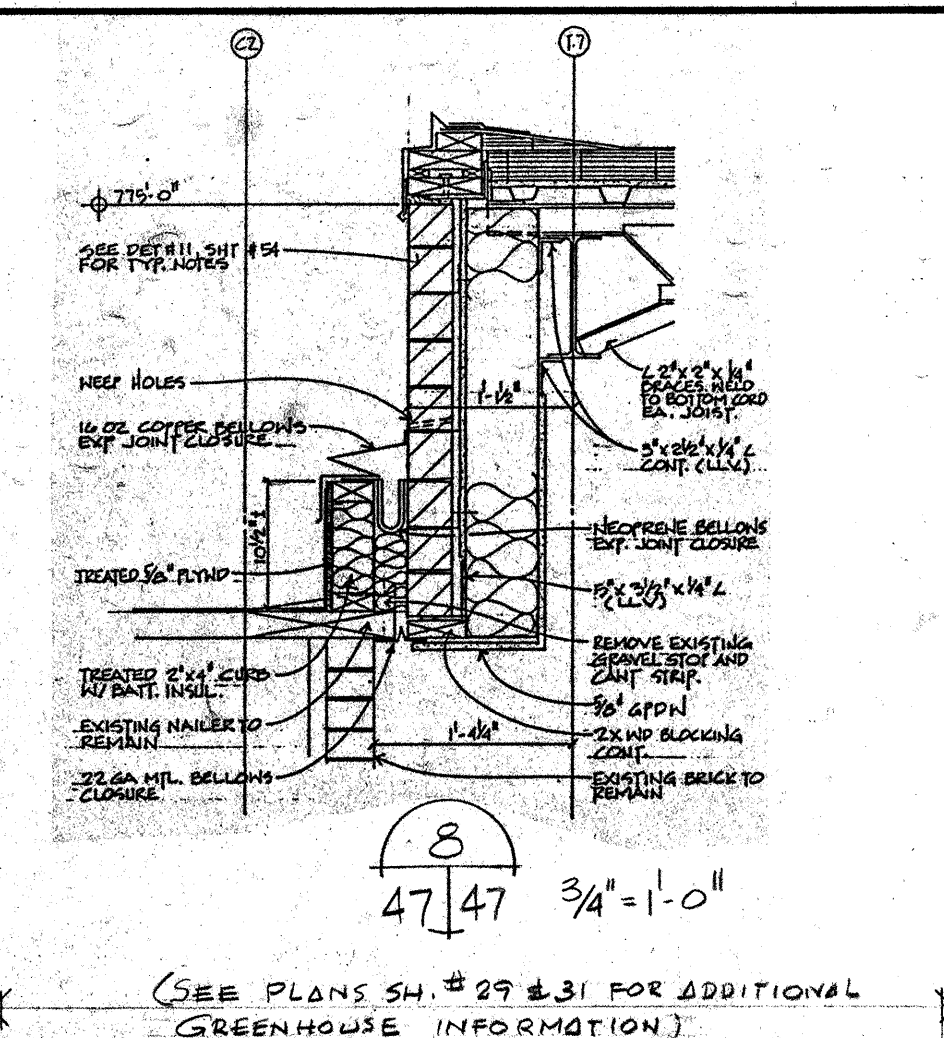
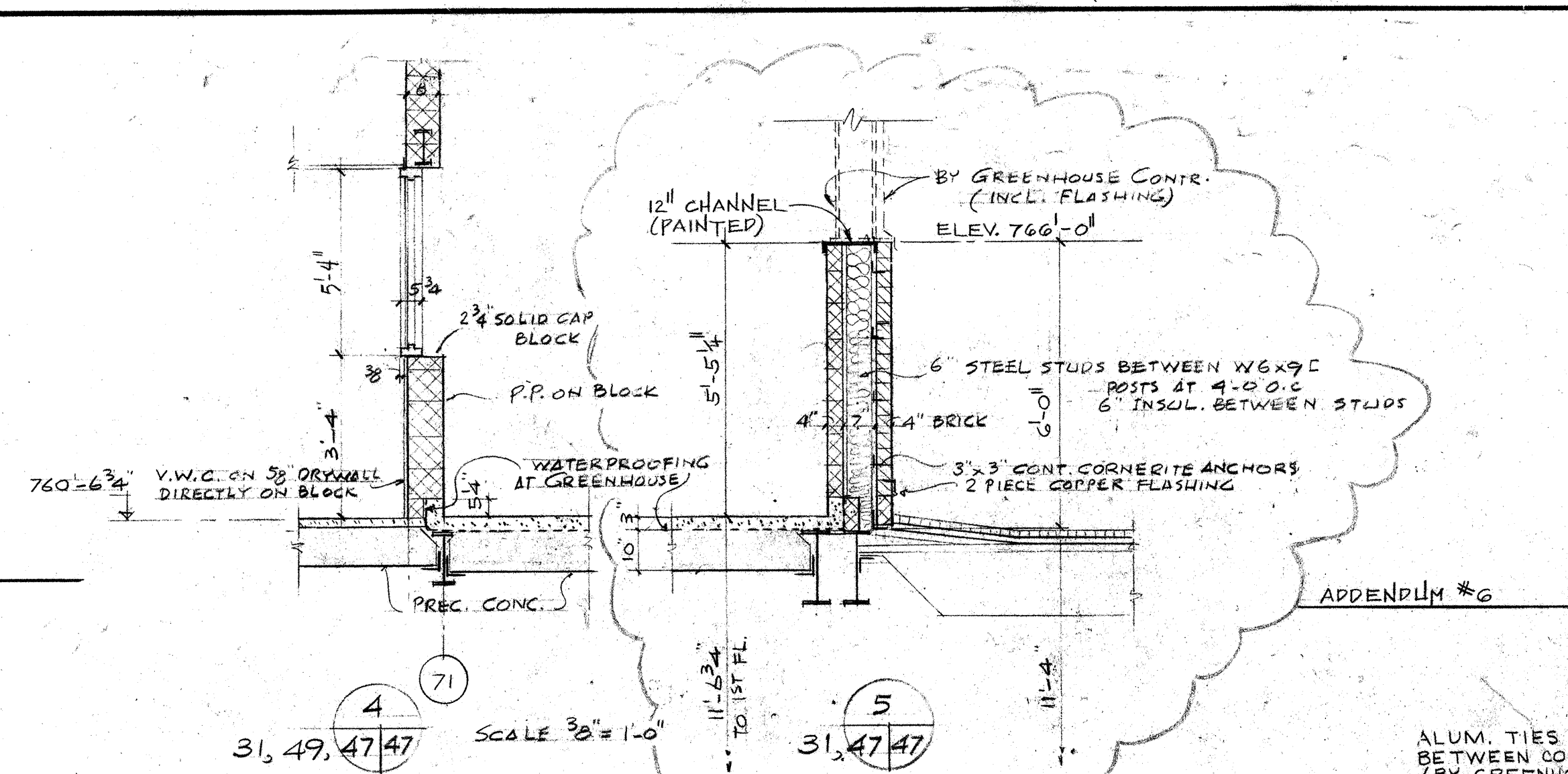
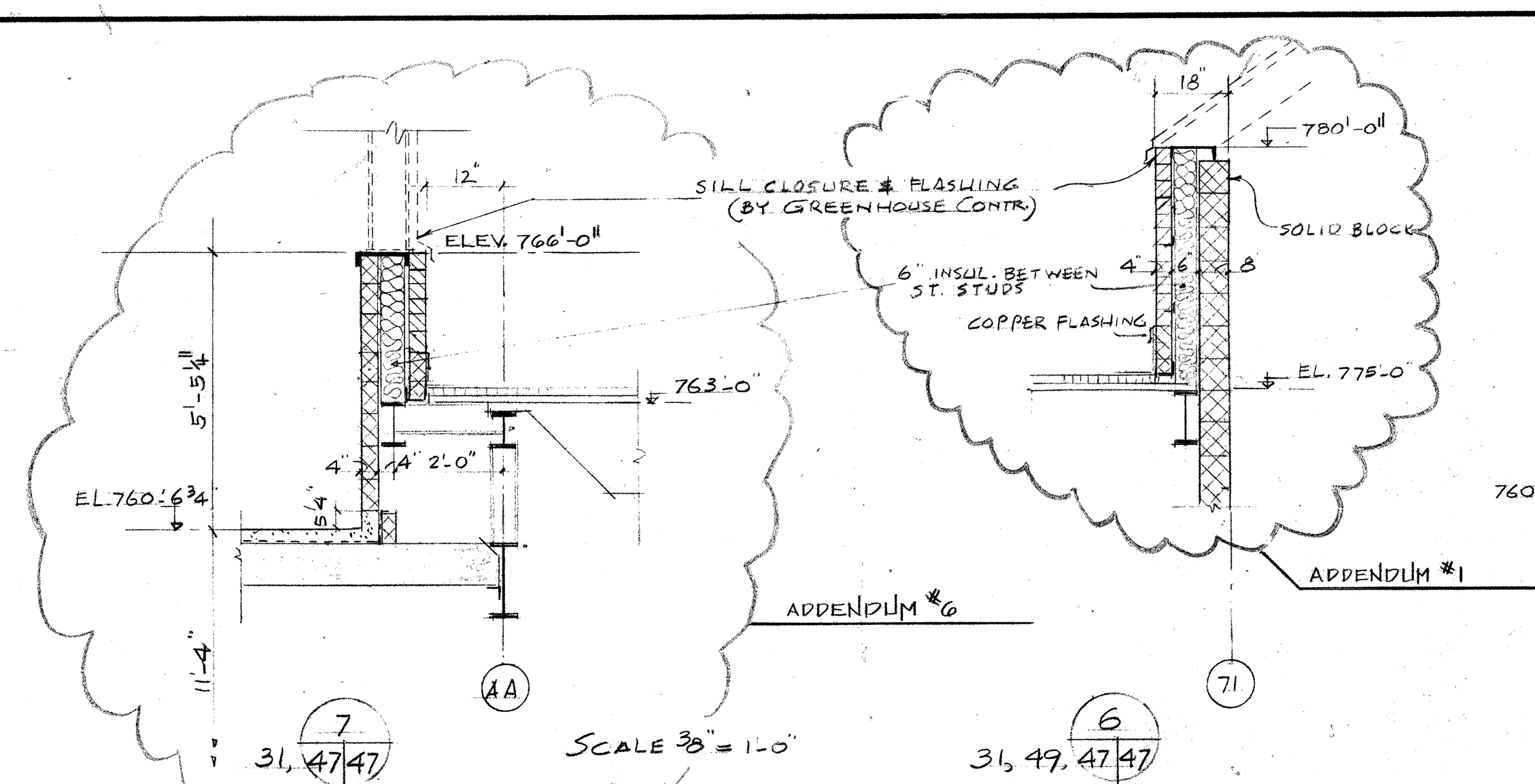
#	Symbol	Interior Wall Material Legend
(4)	[Symbol]	Granite
(4)	[Symbol]	Great China Wall Tile #804
(4)	[Symbol]	Blue-Gray
(4)	[Symbol]	Great China Wall Tile #885
(4)	[Symbol]	Burgandy
(4)	[Symbol]	Great China Wall Tile White

Revision No.	Date	Description
1	7/15/94	DESIGN DEVELOPMENT
2	8/1/94	REVISED FOR CONSTRUCTION
3	8/1/94	REVISED FOR CONSTRUCTION
4	8/1/94	REVISED FOR CONSTRUCTION
5	8/1/94	REVISED FOR CONSTRUCTION

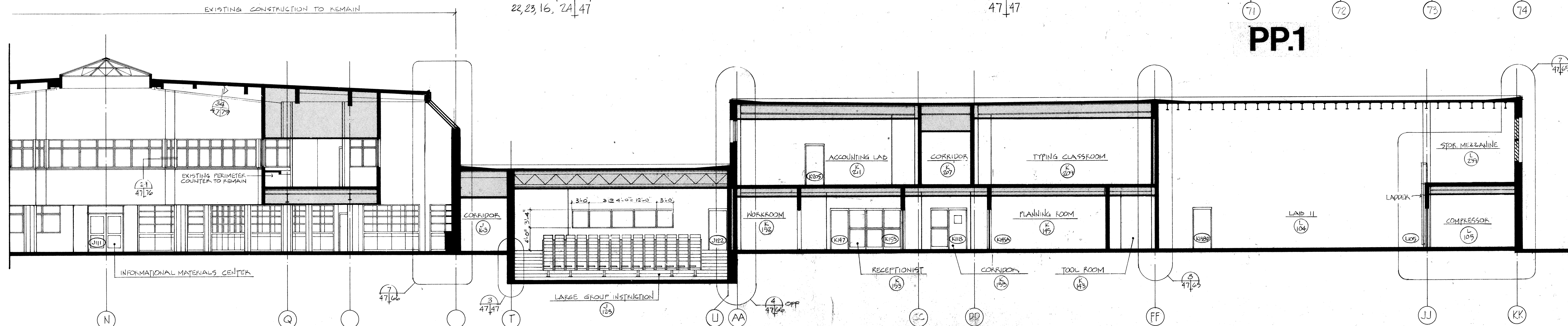
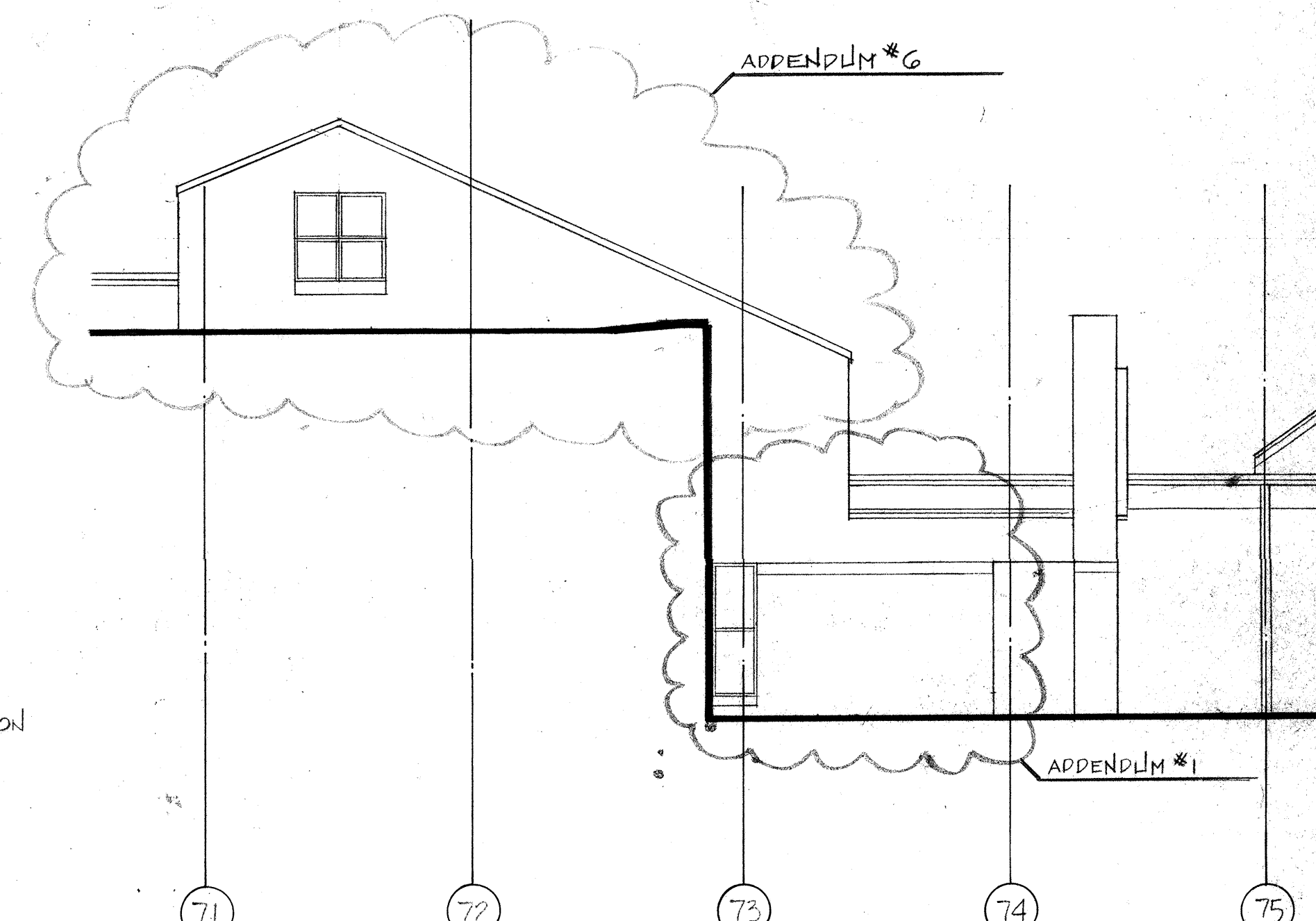
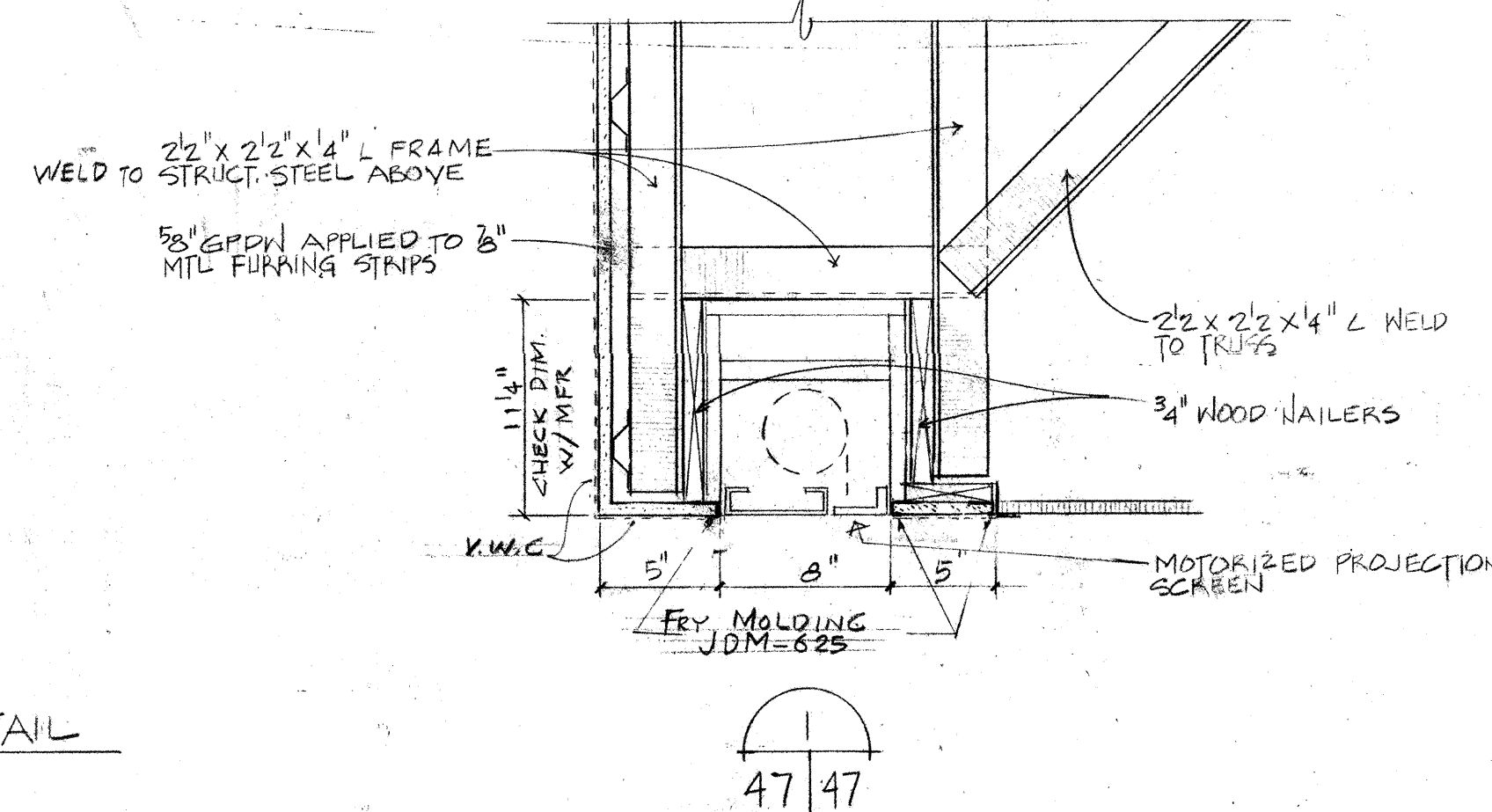
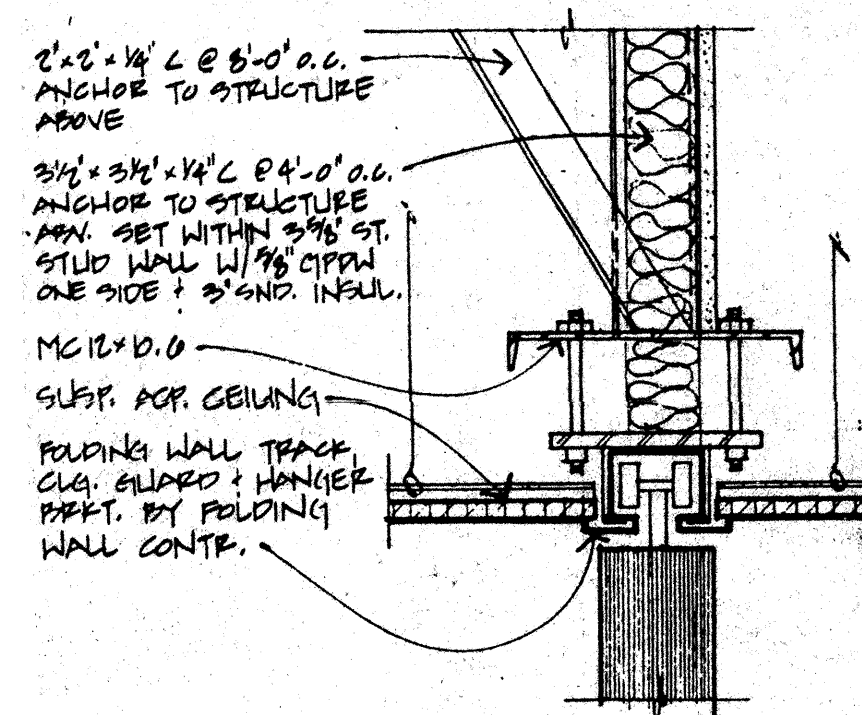
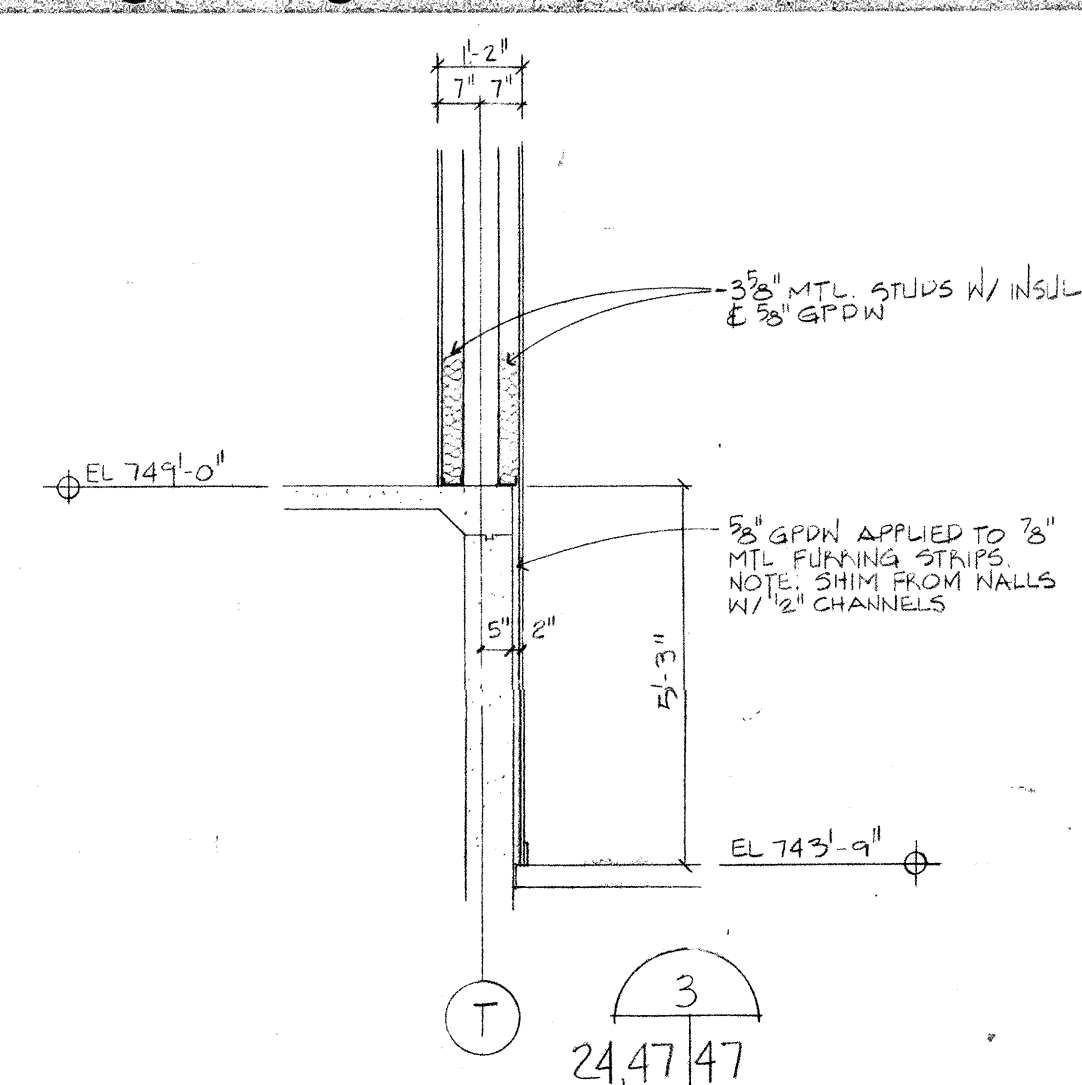


Building Sections NN & OO

Renovations and Additions to the Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

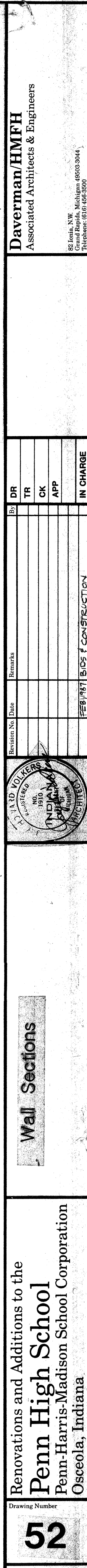


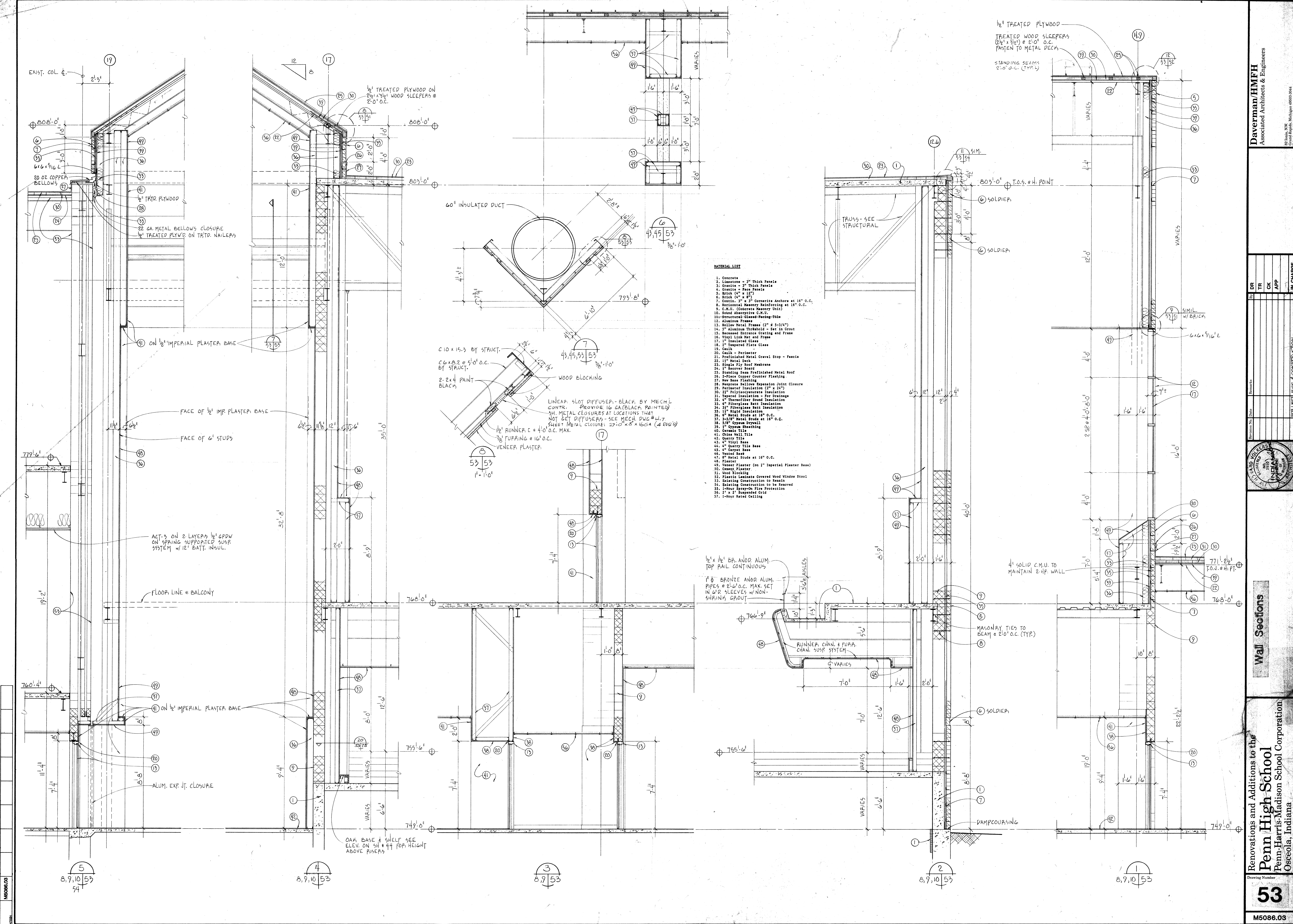
PP
Cross Section through Large Group Instruction Rooms and Greenhouse

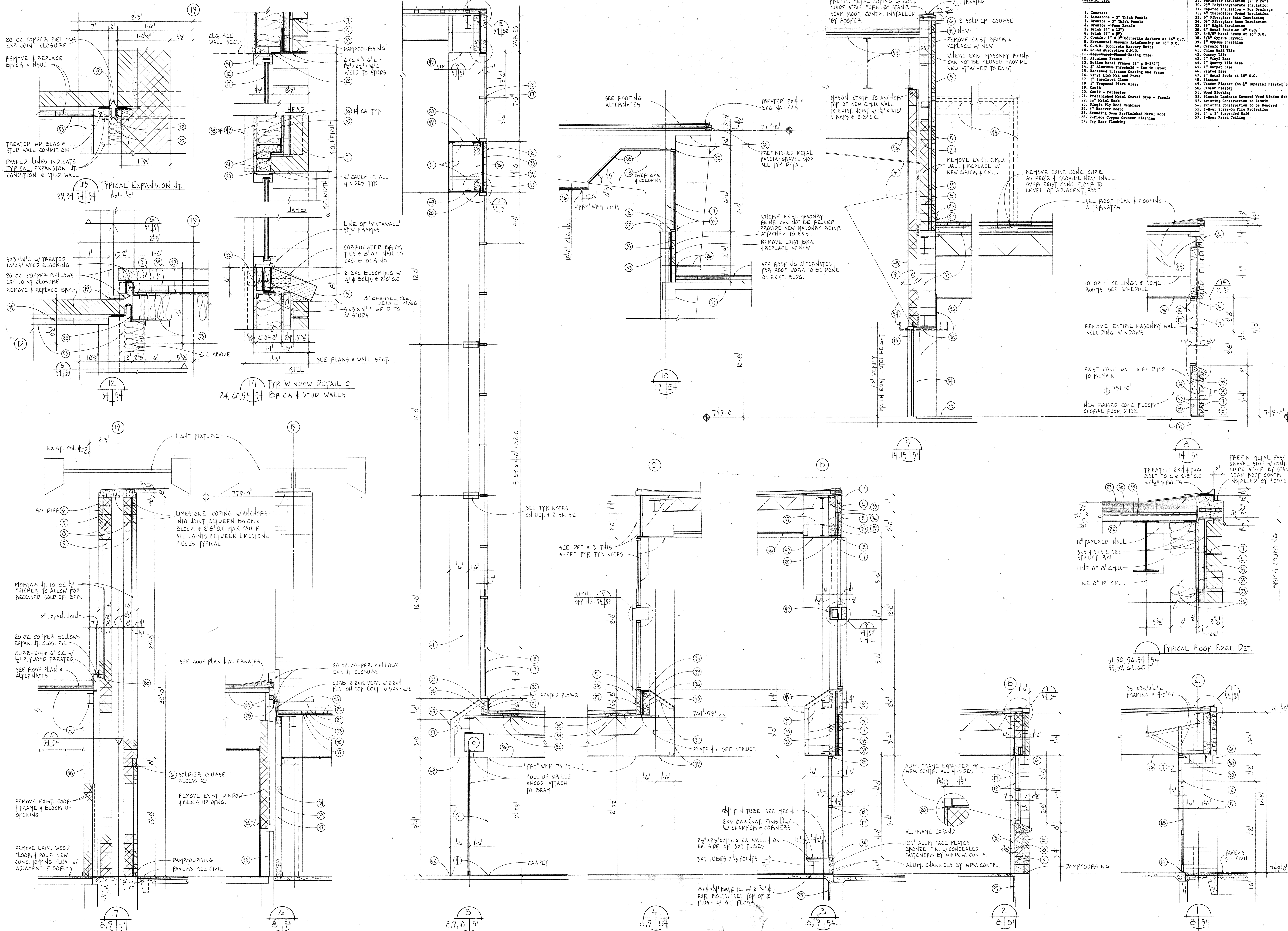


QQ Longitudinal Section through IMC, Large Group Instruction Room and Industrial Arts

- [illegible]







- MATERIAL LIST**
1. Concrete
 2. Limestone - 3" Thick Panels
 3. Granite - 3" Thick Panels
 4. Granite - Face Panels
 5. Brick (4" x 8")
 6. Brick (6" x 12")
 7. Concrete - 3" x 3" Cornerstone Anchors at 16" O.C.
 8. Horizontal Masonry Reinforcing at 16" O.C.
 9. C.M.U. (Concrete Masonry Unit)
 10. Sound Absorptive C.M.U.
 11. Re-entrant-Flush-Facing-Tile
 12. Aluminum Frames
 13. Hollow Metal Frames (2" x 5-3/4")
 14. 3" Aluminum Threshold - Set in Grout
 15. Accented Entrance Grating and Frame
 16. Vinyl Lath Mat and Frame
 17. 1" Insulated Glass
 18. 1" Tempered Plate Glass
 19. Caulk - Perimeter
 20. Caulk - Perimeter
 21. Prefinished Metal Gravel Stop - Fascia
 22. 1 1/2" Metal Duck
 23. Single Fly Roof Membrane
 24. 1" Recover Board
 25. Standing Seam Prefinished Metal Roof
 26. 2-Piece Copper Counter Flashing
 27. New Base Flashing
 28. Neoprene Bellows Expansion Joint Closure
 29. Perimeter Insulation (2" x 24")
 30. 2 1/2" Polystyrene Insulation
 31. Tapered Insulation - For Drainage
 32. 4" Thermoflex Round Insulation
 33. 6" Fiberglass Bat Insulation
 34. 3" Fiberglass Bat Insulation
 35. 1" Rigid Insulation
 36. 6" Metal Studs at 16" O.C.
 37. 5/8" Metal Studs at 16" O.C.
 38. 5/8" Gypsum Drywall
 39. 5/8" Metal Studs at 16" O.C.
 40. Ceramic Tile
 41. Gypsum Sheathing
 42. Quarry Tile
 43. Quarry Tile
 44. Quarry Tile
 45. Quarry Tile Base
 46. Quarry Tile Base
 47. Quarry Tile Base
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 87. Quarry Tile Base
 88. Quarry Tile Base
 89. Quarry Tile Base
 90. Quarry Tile Base
 91. Quarry Tile Base
 92. Quarry Tile Base
 93. Quarry Tile Base
 94. Quarry Tile Base
 95. Quarry Tile Base
 96. Quarry Tile Base
 97. Quarry Tile Base
 98. Quarry Tile Base
 99. Quarry Tile Base
 100. Quarry Tile Base

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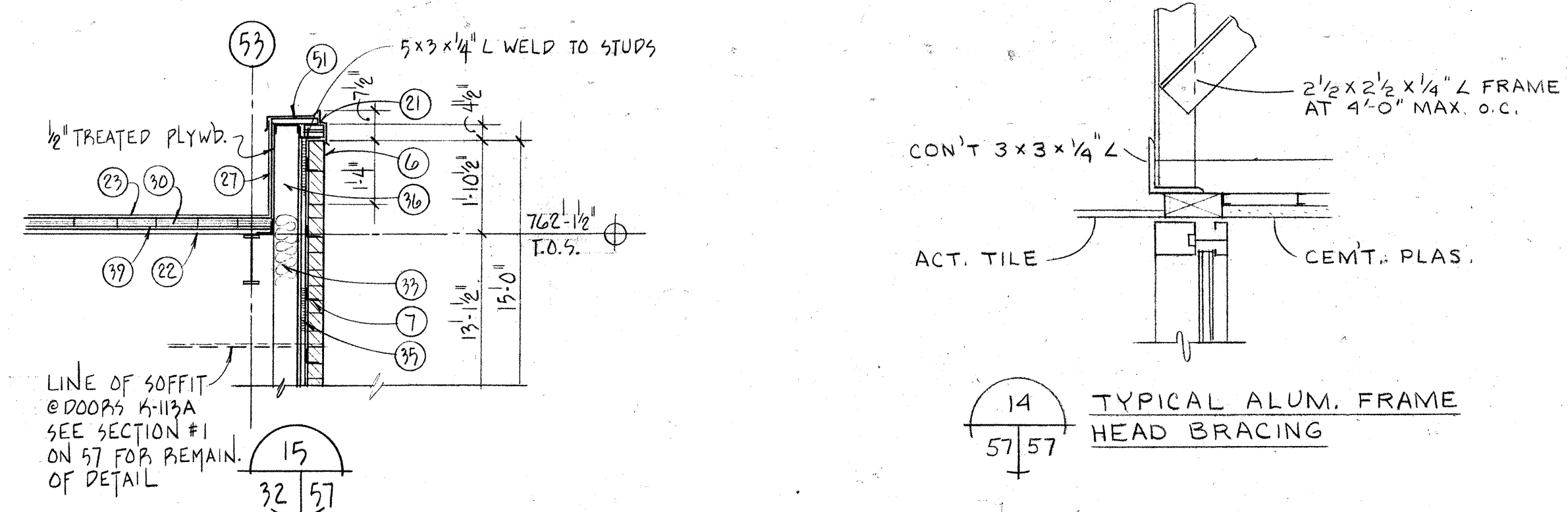
Wall Sections

Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

Renovations and Additions to the

DR TR CK APP IN CHARGE

54
M5086.03

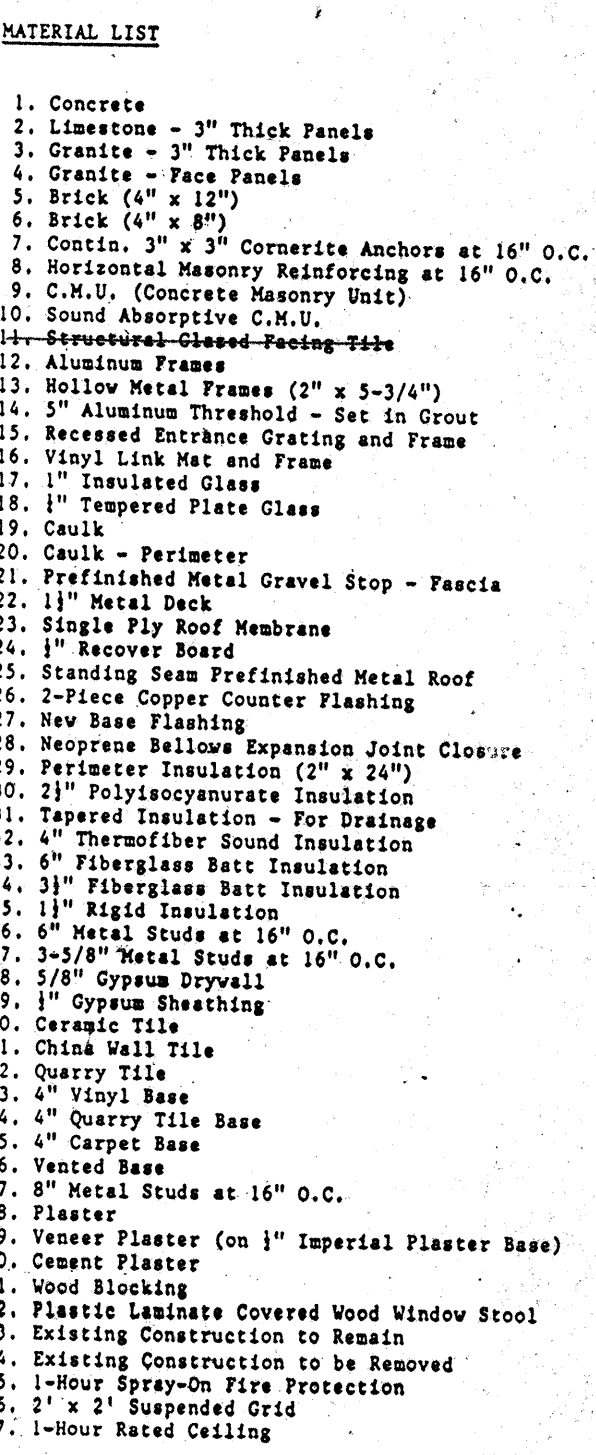


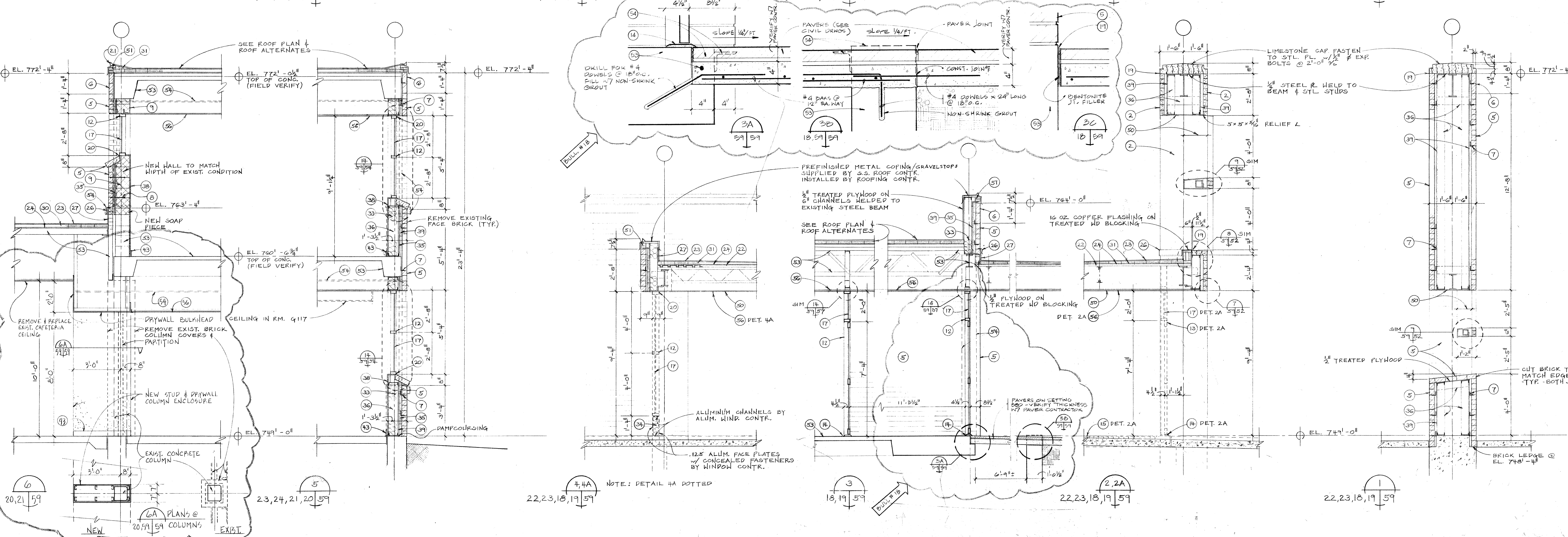
- ### MATERIAL LIST
- | | |
|---|---|
| 1. Concrete | 39. Prepared Insulation - 1/2" Drains |
| 2. Limestone - 3" Thick Pools | 40. " Thermoset Sound Insulation |
| 3. Granite - 1" Thick Panels | 41. 6" Fiberglass Bat Insulation |
| 4. Granite - "Face Panels" | 42. 1" Fiberglass Bat Insulation |
| 5. Granite - "Face Panels" | 43. 1" Rigid Insulation |
| 6. Brick - 4" x 8" x 16" | 44. 6" Metal Studs at 16" O.C. |
| 7. Brick - 4" x 8" x 16" | 45. 1 1/2" Metal Studs at 16" O.C. |
| 8. Gypsum - 3/4" Concrete Anchors at 16" O.C. | 46. 1 1/2" Gypsum Drywall |
| 9. Horizontal Reinforce Reinforcing at 16" O.C. | 47. 1" Plywood Sheathing |
| 10. C.N.O. (Concrete Nucleus Units) | 48. Ceramic Tiles |
| 11. Sound Absorptive C.N.O. | 49. China Wall Tiles |
| 12. Reinforced-Embed-Pecing-Block | 50. Quarry Tiles |
| 13. Aluminum Panels | 51. 1" Vinyl Base |
| 14. Hollow Metal Panels (3" x 5 1/2") | 52. 4" Quarry Tile Base |
| 15. Aluminum Threshold - Set in Grout | 53. 4" Vinyl Base |
| 16. Recreased Extrusion Grating and Grout | 54. 4" Vented Base |
| 17. Vinyl Link Mat and Grout | 55. 1" Metal Studs at 16" O.C. |
| 18. " Insulated Glass | 56. Plywood |
| 19. " Tempered Plastic Glass | 57. Veneer Plywood (1" Imperial Plywood Base) |
| 20. Caulk - Perimeter | 58. Cement Liners |
| 21. Perimeter Sealant Grout Stop - Fascia | 59. Wood blocking |
| 22. 1 1/2" Metal Deck | 60. Plastic Laminate Covered Wood Window Sill |
| 23. Single Ply Roof Membrane | 61. Existing Construction to Remain |
| 24. " Backer Board | 62. Existing Construction to be Removed |
| 25. Standing Seam Prefinished Metal Roof | 63. 1/2" x 6" x 1/2" x 6" Counter Plywood |
| 26. 2x6x8 Joists | 64. 1" x 2" Suspended Grid |
| 27. N.W. Bas Flashing | 65. 1/2" x 6" x 1/2" x 6" Ceiling |
| 28. 2x6x8 Joists | |
| 29. Perimeter Insulation (3" x 24") | |
| 30. 1 1/2" Polystyrene Insulation | |

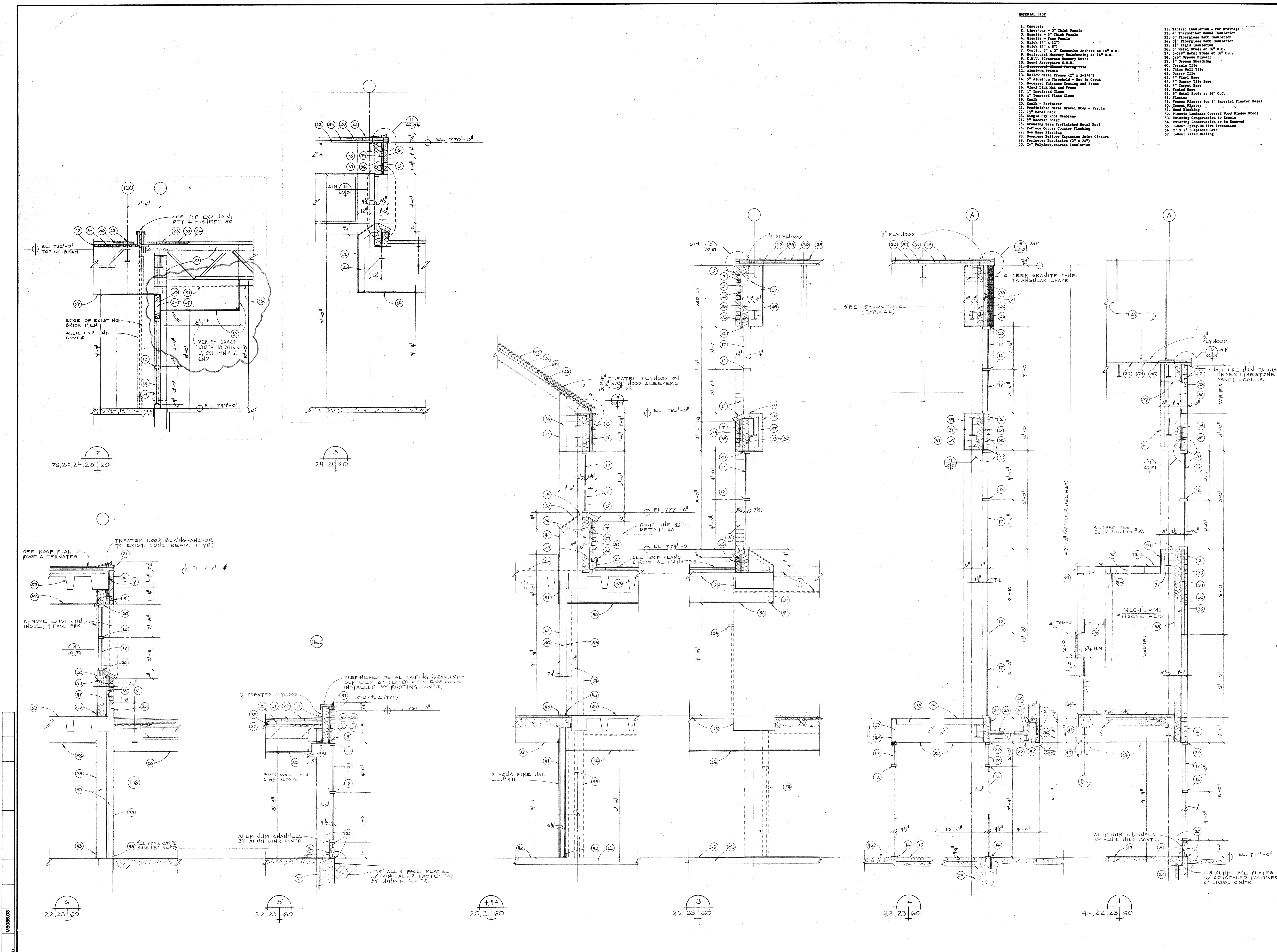
Revision No.	Date	Remarks	By	DR
				TR
				CK
				APP
				IN CHARGE

Wall Sections

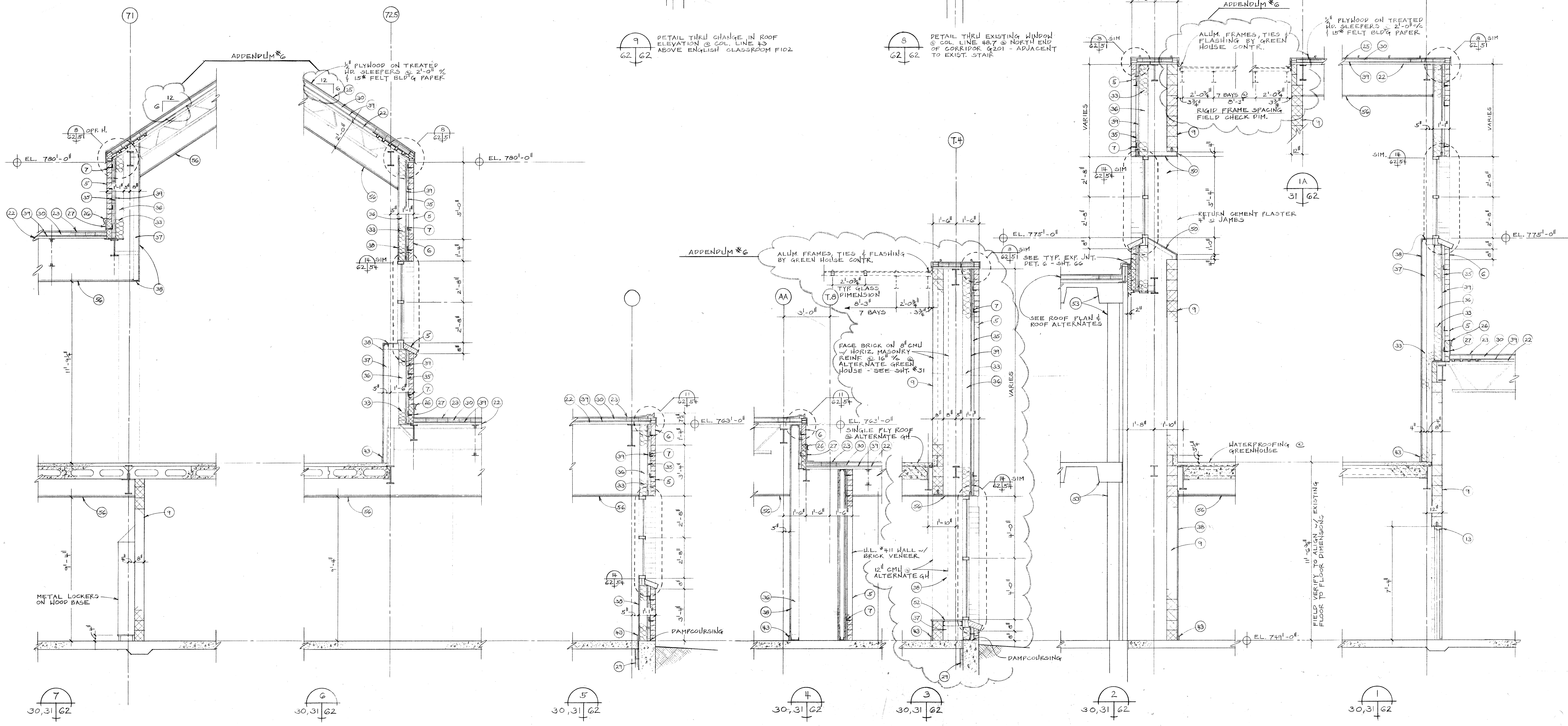
Renovations and Additions to the
Penn High School
 Penn-Harris-Madison School Corporation
 Osceola, Indiana
 Drawing Number **57**
M5086.03







- MATERIAL LIST**
1. Concrete
 2. Limestone - 3" Thick Panels
 3. Granite - 3" Thick Panels
 4. Granite - Face Panels
 5. Brick (4" x 8")
 6. Brick (4" x 12")
 7. Cement, 3" x 3" Composite Anchors at 18" O.C.
 8. Horizontal Masonry Reinforcing at 18" O.C.
 9. C.M.U. (Concrete Masonry Unit)
 10. Sound Absorptive C.M.U.
 11. Structural-Glassed-Packing-Tite
 12. Aluminum Frame
 13. Hollow Metal Frames (2" x 5-3/4")
 14. 3" Aluminum Threshold - Set in Grout
 15. Recessed Entrance Grating and Frame
 16. Vinyl Liner Mat and Frame
 17. 1" Insulated Glass
 18. 1" Tempered Plate Glass
 19. Caulk
 20. Caulk - Parform
 21. Prefinished Metal Gravel Stop - Fascia
 22. 1/2" Metal Deck
 23. Slope Ply Roof Membrane
 24. 1" Recover Board
 25. Standing Seam Prefinished Metal Roof
 26. 2-Piece Copper Counter Flashing
 27. New Base Flashing
 28. Neoprene Ballown Expansion Joint Closure
 29. Parform Insulation (2" x 24")
 30. 2 1/2" Polystyrene Insulation
 31. Tapered Insulation - For Drainage
 32. 4" Thermafiber Sound Insulation
 33. 6" Fiberglass Batt Insulation
 34. 3/4" Fiberglass Batt Insulation
 35. 1 1/2" Rigid Insulation
 36. 6" Metal Studs at 16" O.C.
 37. 3-3/8" Metal Studs at 16" O.C.
 38. 1/2" Gypsum Drywall
 39. 1" Gypsum Sheathing
 40. Ceramic Tile
 41. China Wall Tile
 42. Quarry Tile
 43. 4" Vinyl Base
 44. 4" Quarry Tile Base
 45. 4" Carpet Base
 46. Vented Base
 47. 8" Metal Studs at 16" O.C.
 48. Plaster
 49. Veneer Plaster (on 1" Imperial Plaster Base)
 50. Cement Plaster
 51. Wood Blocking
 52. Plastic Laminate Covered Wood Window Stool
 53. Existing Construction to Remain
 54. Existing Construction to be Removed
 55. 1-Hour Spray-On Fire Protection
 56. 2' x 2' Suspended Grid
 57. 1-Hour Rated Ceiling



Partial Roof Plan

- MATERIAL LIST**
1. Concrete
 2. Limestone - 3" Thick Panels
 3. Granite - 3" Thick Panels
 4. Granite - Thin Panels
 5. Brick (4" x 8")
 6. Brick (4" x 8")
 7. Contin. 3" x 3" Concrete Anchors at 16" O.C.
 8. Horizontal Heavy Reinforcing at 16" O.C.
 9. C.M.U. (Concrete Masonry Unit)
 10. Sound Absorbing C.M.U.
 11. Removable-Glazed-Facing Tile
 12. Aluminum Frames (2" x 5-3/4")
 13. Hollow Metal Frames (2" x 5-3/4")
 14. 5" Aluminum Threshold - Set in Grout
 15. Acoustic Entrance Grating and Frame
 16. Vinyl Liner Mat and Frame
 17. 1" Insulated Glass
 18. 1" Tempered Glass
 19. Caulk
 20. Caulk - Perimeter
 21. Prefinished Metal Gravel Stop - Fascia
 22. 1/2" Metal Deck
 23. Single Ply Roof Membrane
 24. Recover Board
 25. Standing Seam Prefinished Metal Roof
 26. 2-Piece Copper Counter Flashing
 27. New Base Flashing
 28. Reusable Hollow Expansion Joint Closure
 29. Perimeter Insulation (2" x 24")
 30. 2" Polystyrene Insulation
 31. Tapered Insulation - For Drainage
 32. 4" Fiberglass Batt Insulation
 33. 1" Rigid Insulation
 34. 6" Fiberglass Batt Insulation
 35. 1" Rigid Insulation
 36. 5" Metal Studs at 16" O.C.
 37. 3/4" Metal Studs at 16" O.C.
 38. 1/2" Gypsum Drywall
 39. 1" Gypsum Sheathing
 40. Ceramic Tile
 41. Clay Wall Tile
 42. Quarry Tile
 43. 4" Vinyl Base
 44. 4" Quarry Tile Base
 45. 4" Carpet Base
 46. Vented Base
 47. 5" Metal Studs at 16" O.C.
 48. Plaster
 49. Veneer Plaster (on 1" Imperial Plaster Base)
 50. Cement Plaster
 51. Wood Blocking
 52. Plastic Laminated Covered Wood Window Sill
 53. Existing Construction to Remain
 54. Existing Construction to be Removed
 55. 1-Hour Spray-On Fire Protection
 56. 2" x 2" Suspended Grid
 57. 1-Hour Metal Ceiling

Daverman/HMFH
Associated Architects & Engineers

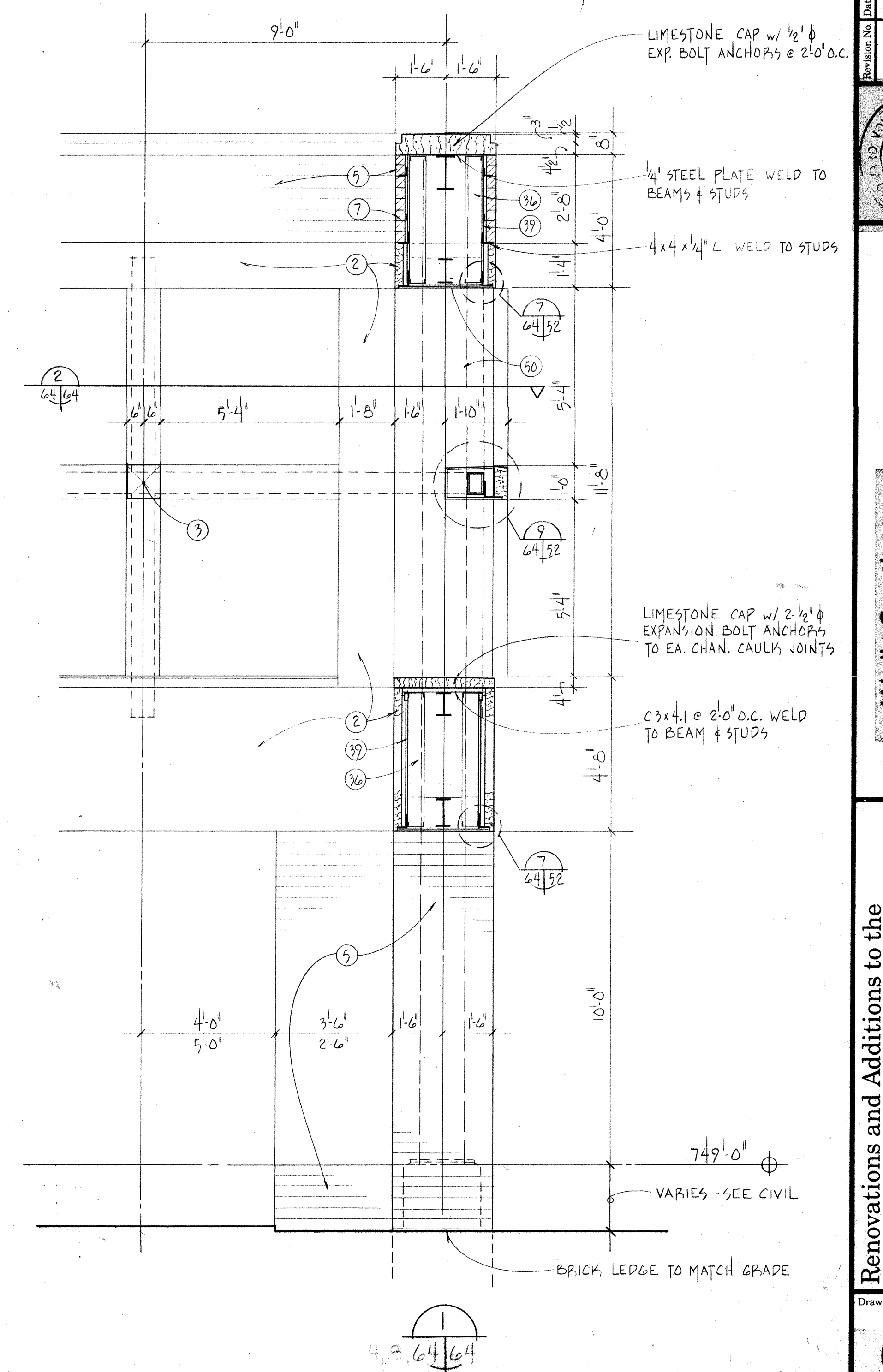
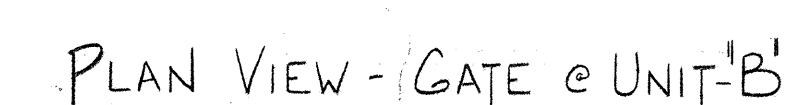
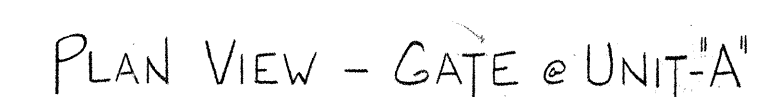
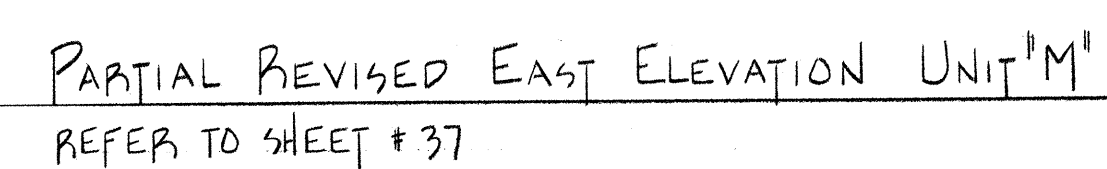
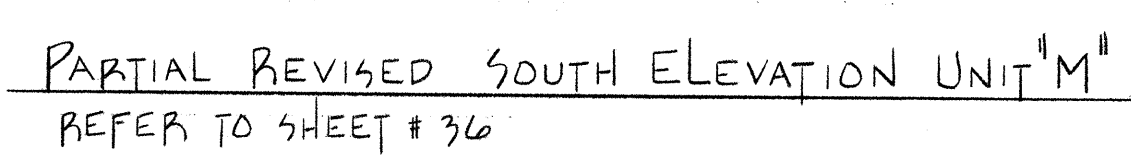
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Grand Rapids, Michigan 49503-3044
Telephone: 616/963-9999

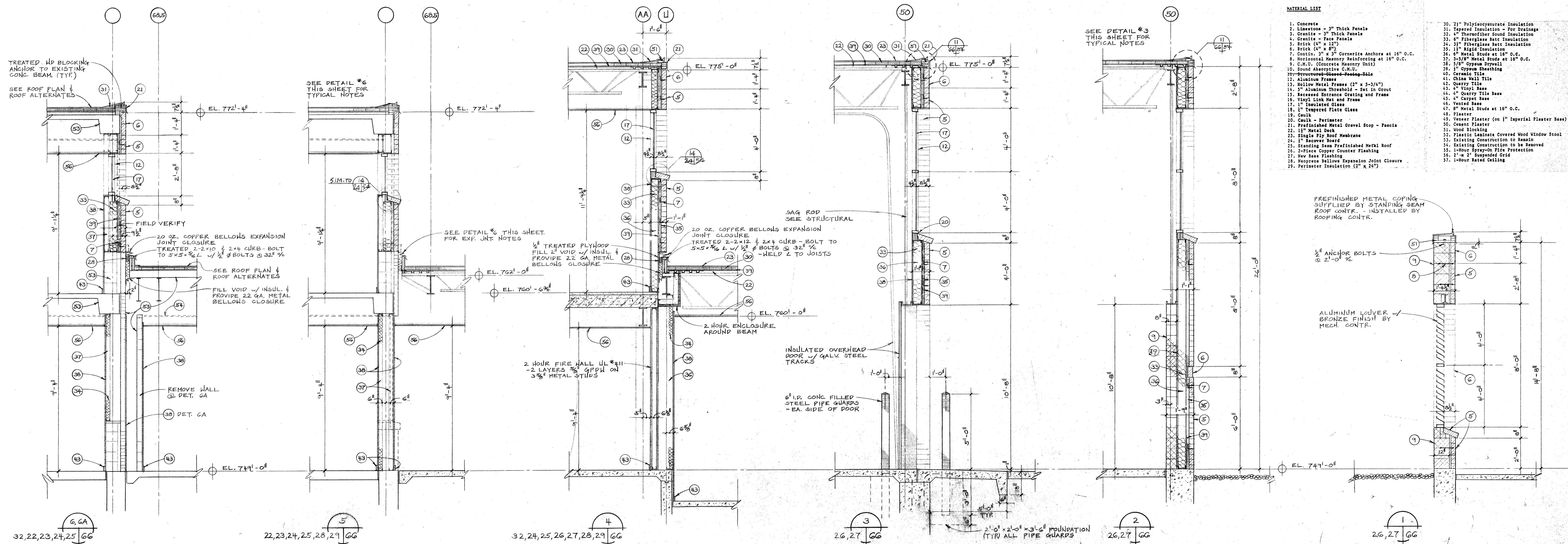
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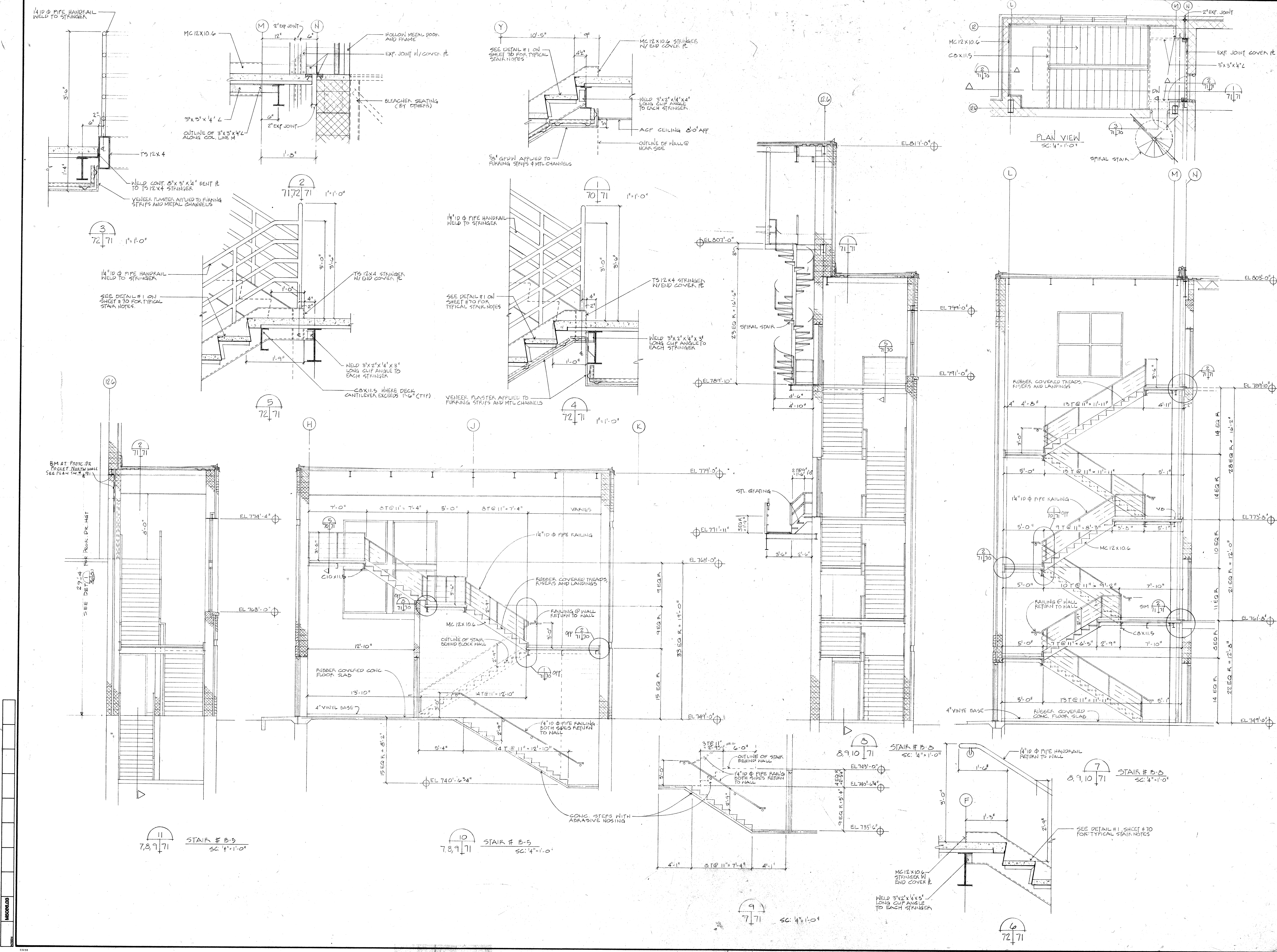
Wall Sections

Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

Drawing Number
62
M5088.03







DAVERMAN/HMFH

Associated Architects & Engineers

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71

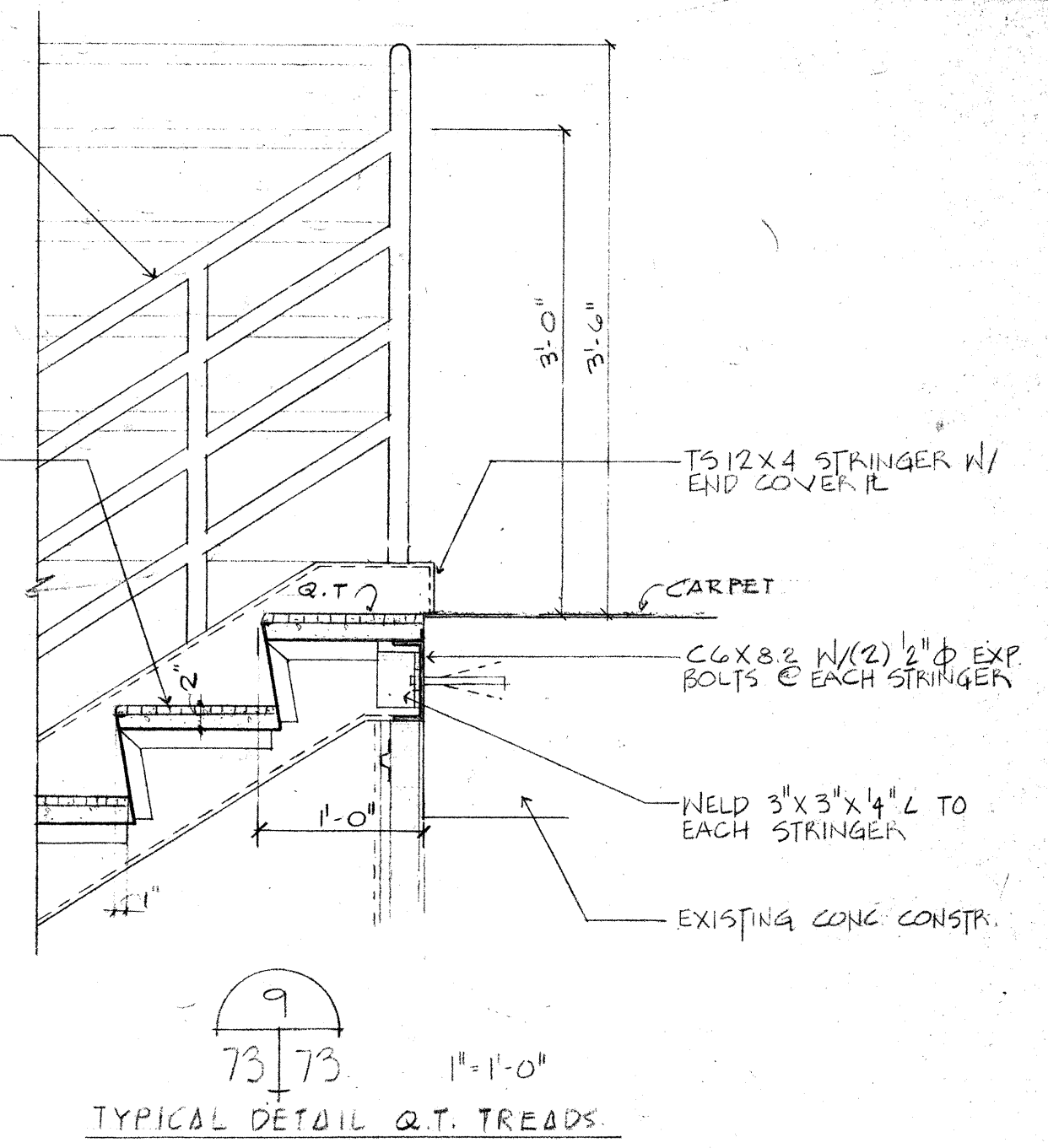
M5086.03

Renovations and Additions to the

Penn High School

Penn-Harris-Madison School Corporation

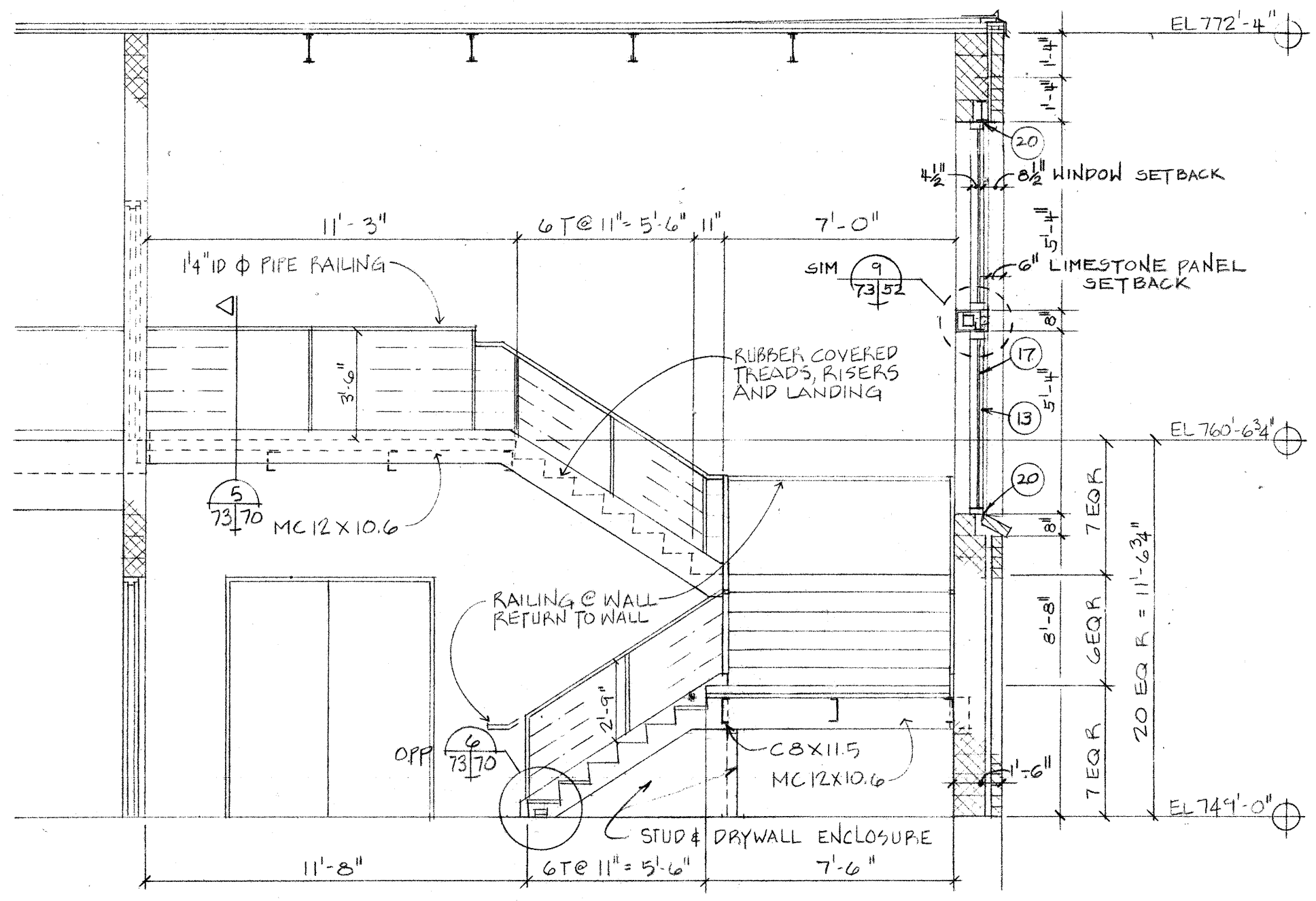
Osceola, Indiana



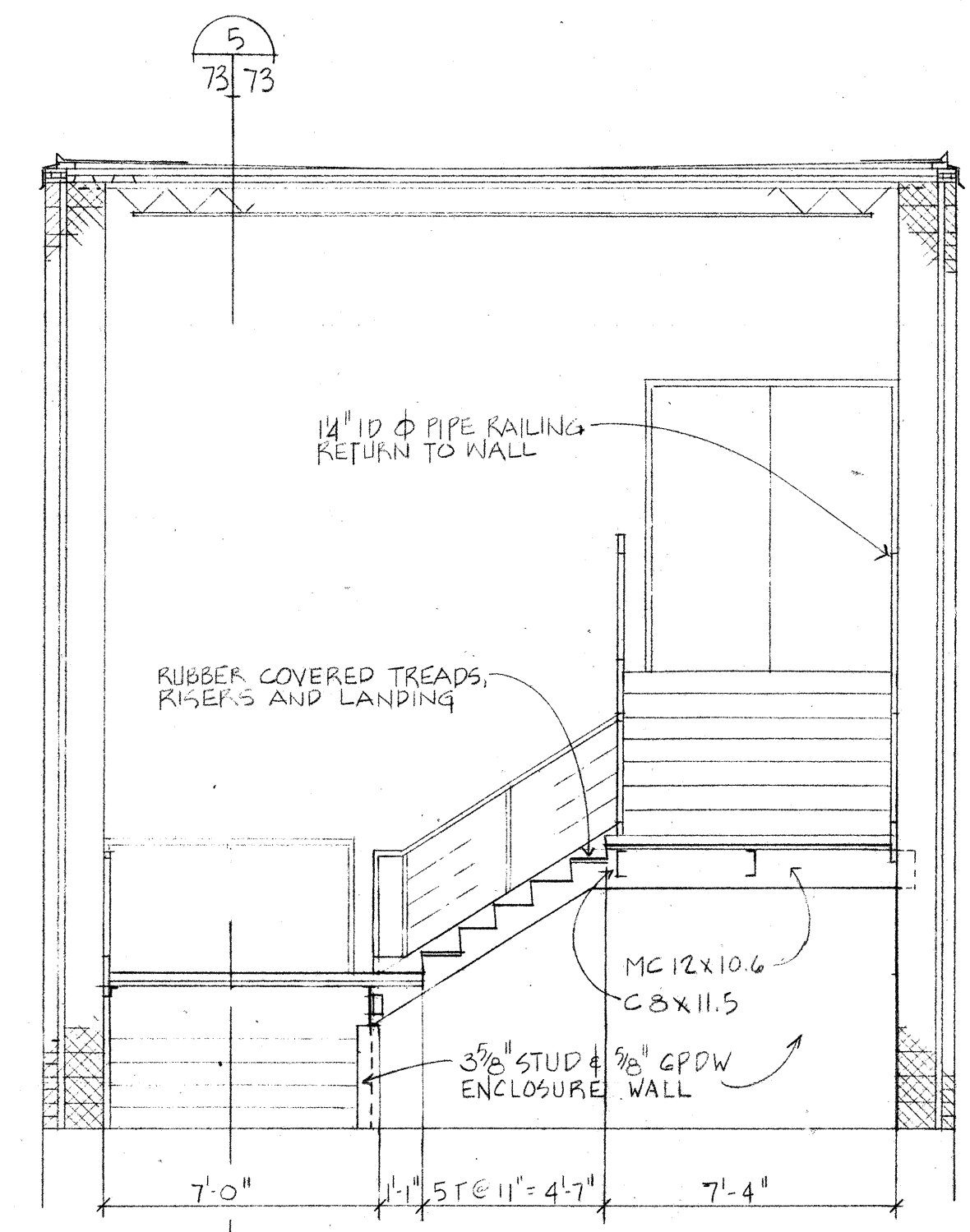
STAIR # D-21

9
73 73 1" = 1'-0"

TYPICAL DETAIL Q.T. TREADS.




 STAIR # 4-15
 SC: 4" = 1'-0"

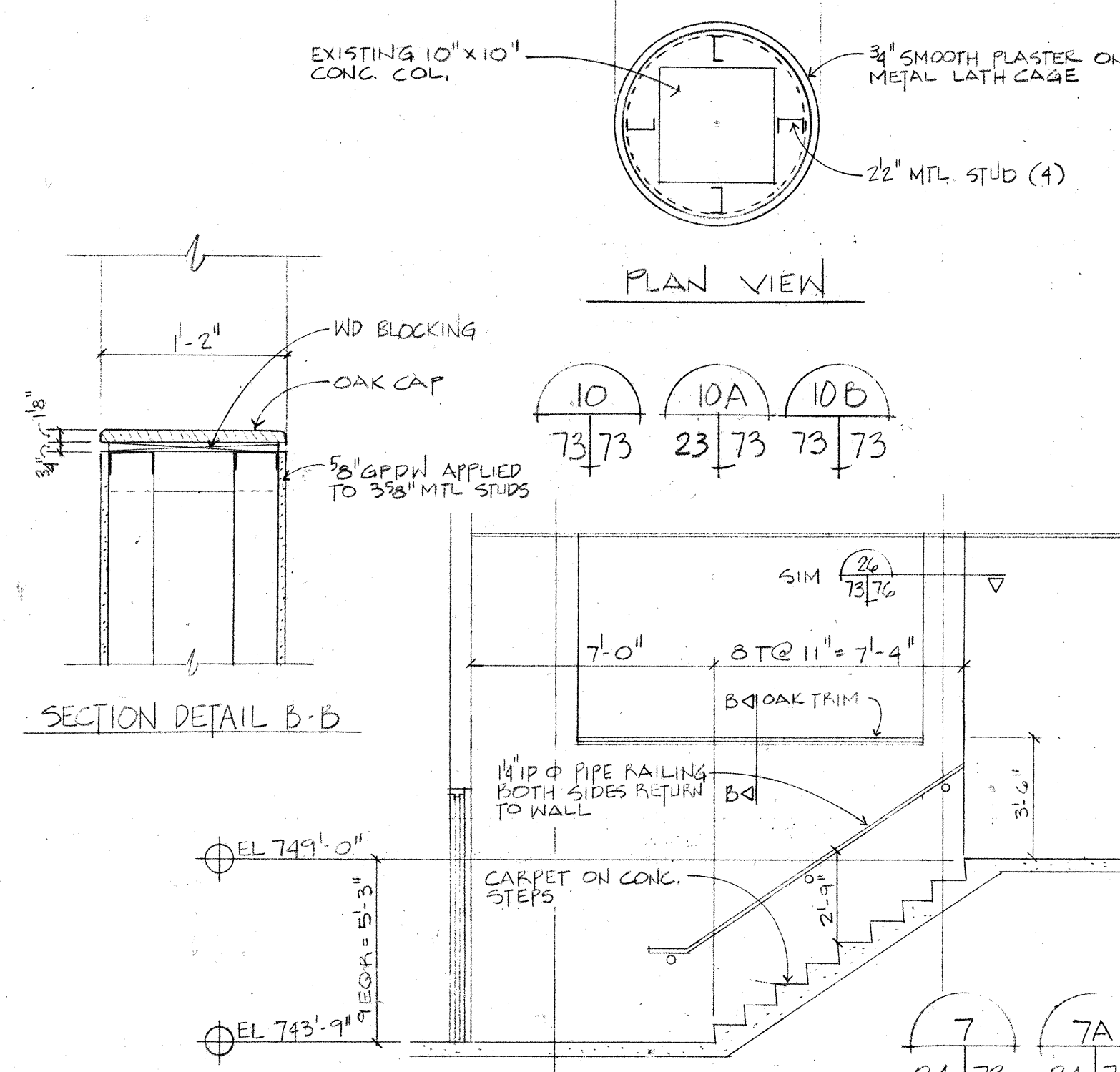


22,23 | 73

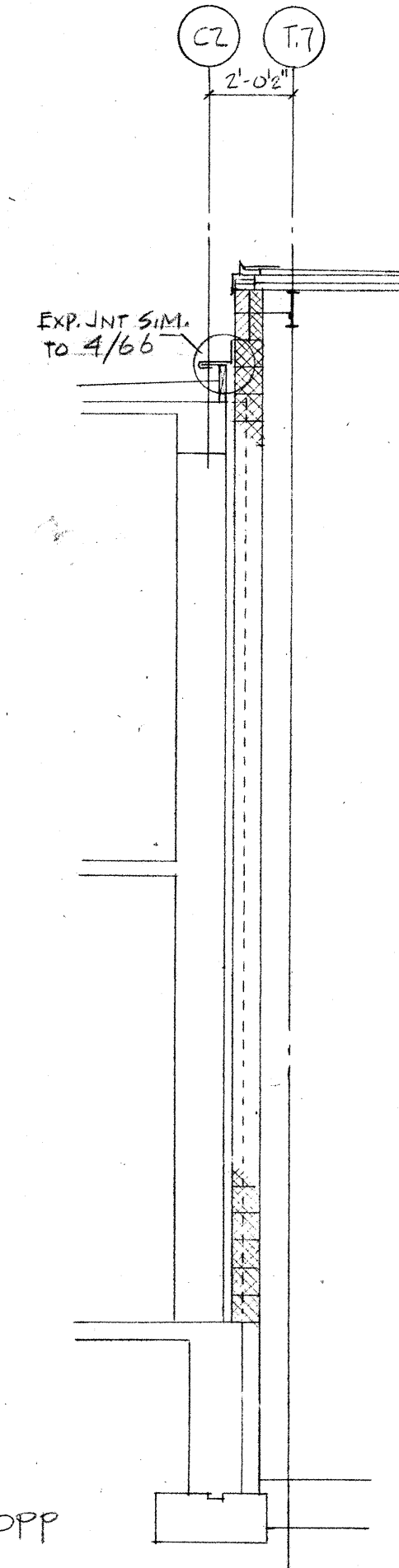
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STAIR # H-15

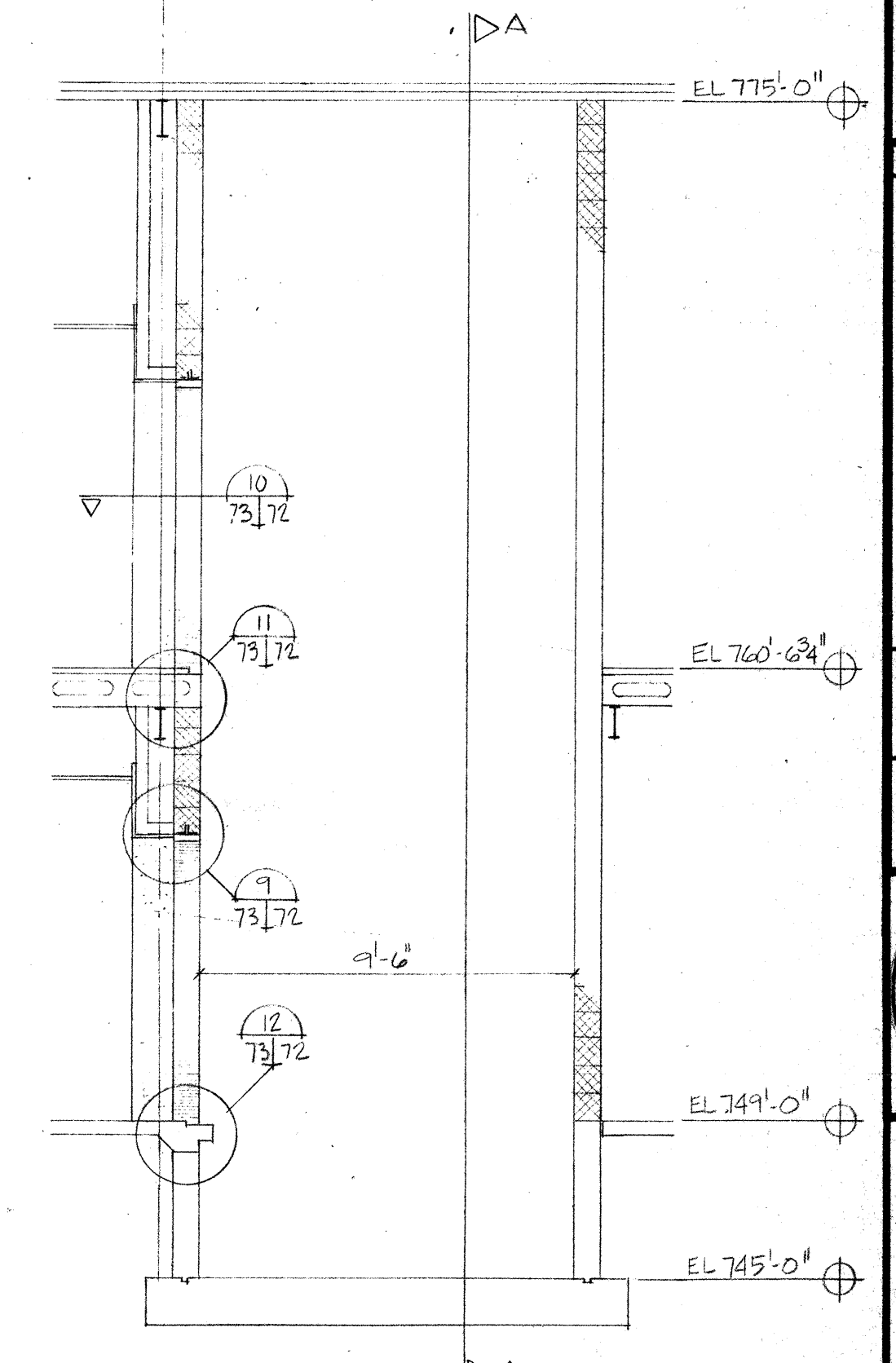
SC: 4" = 1'-0"



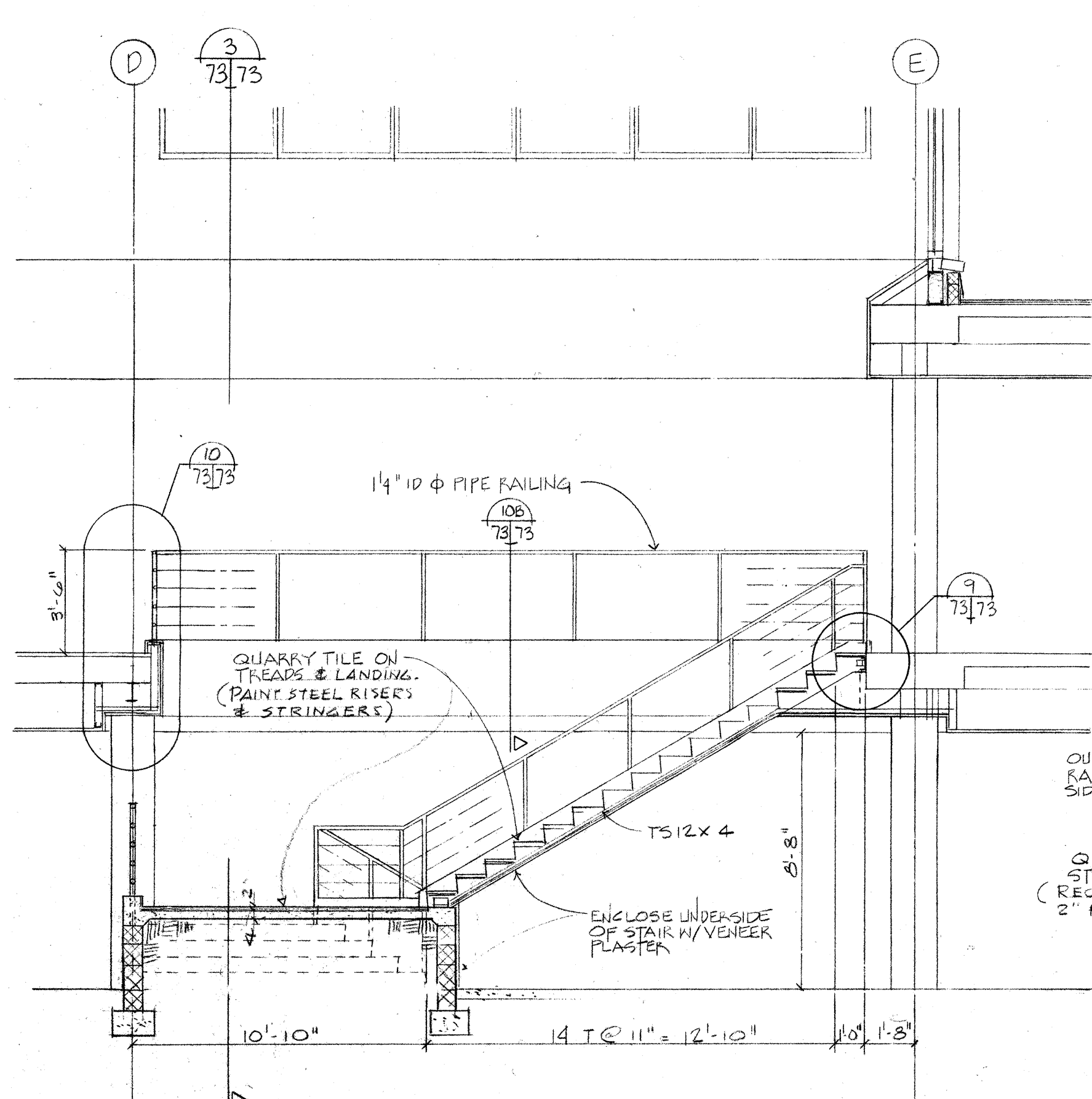
SECTION DETAIL B-B



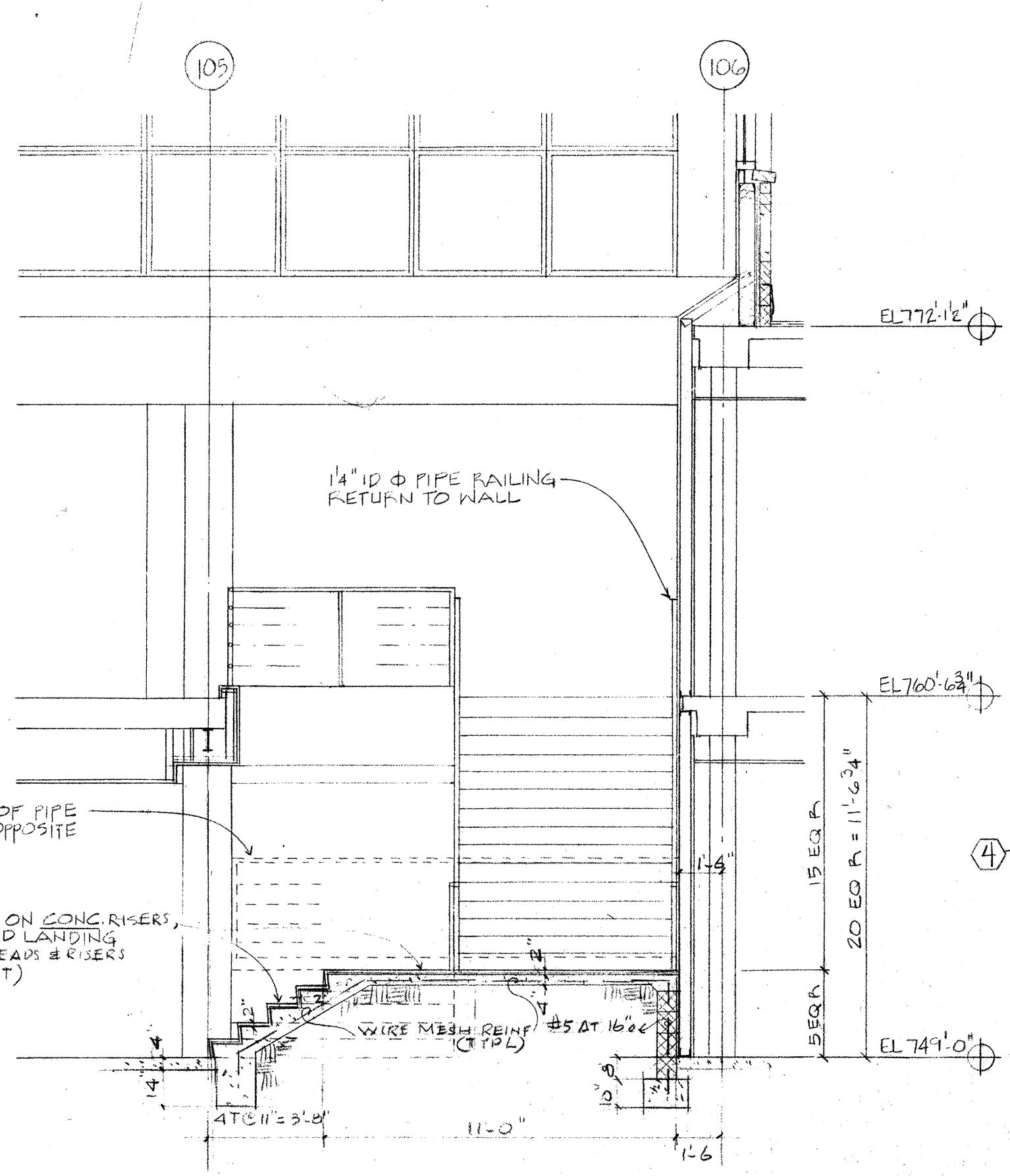
SECTION DETAIL A-A



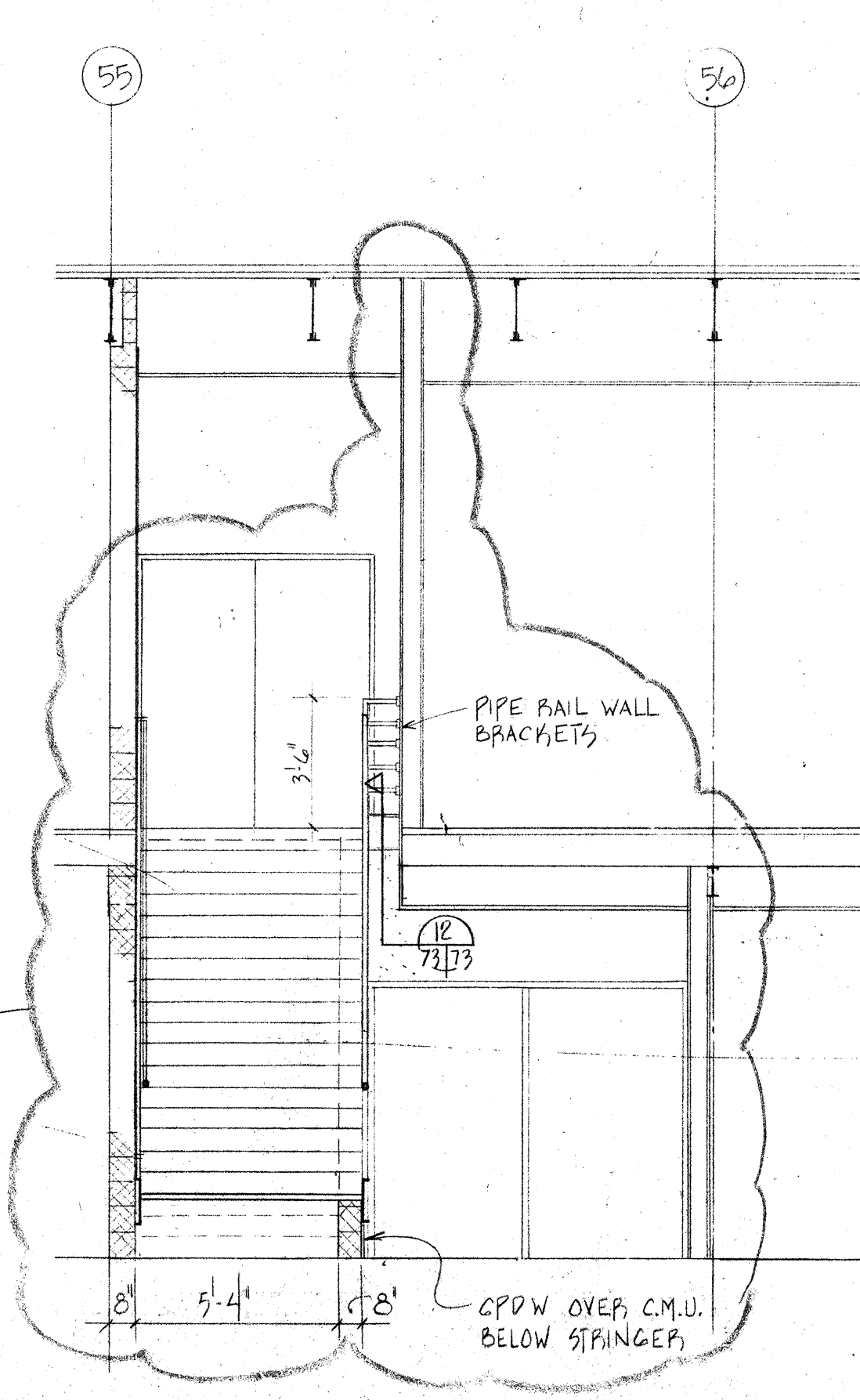




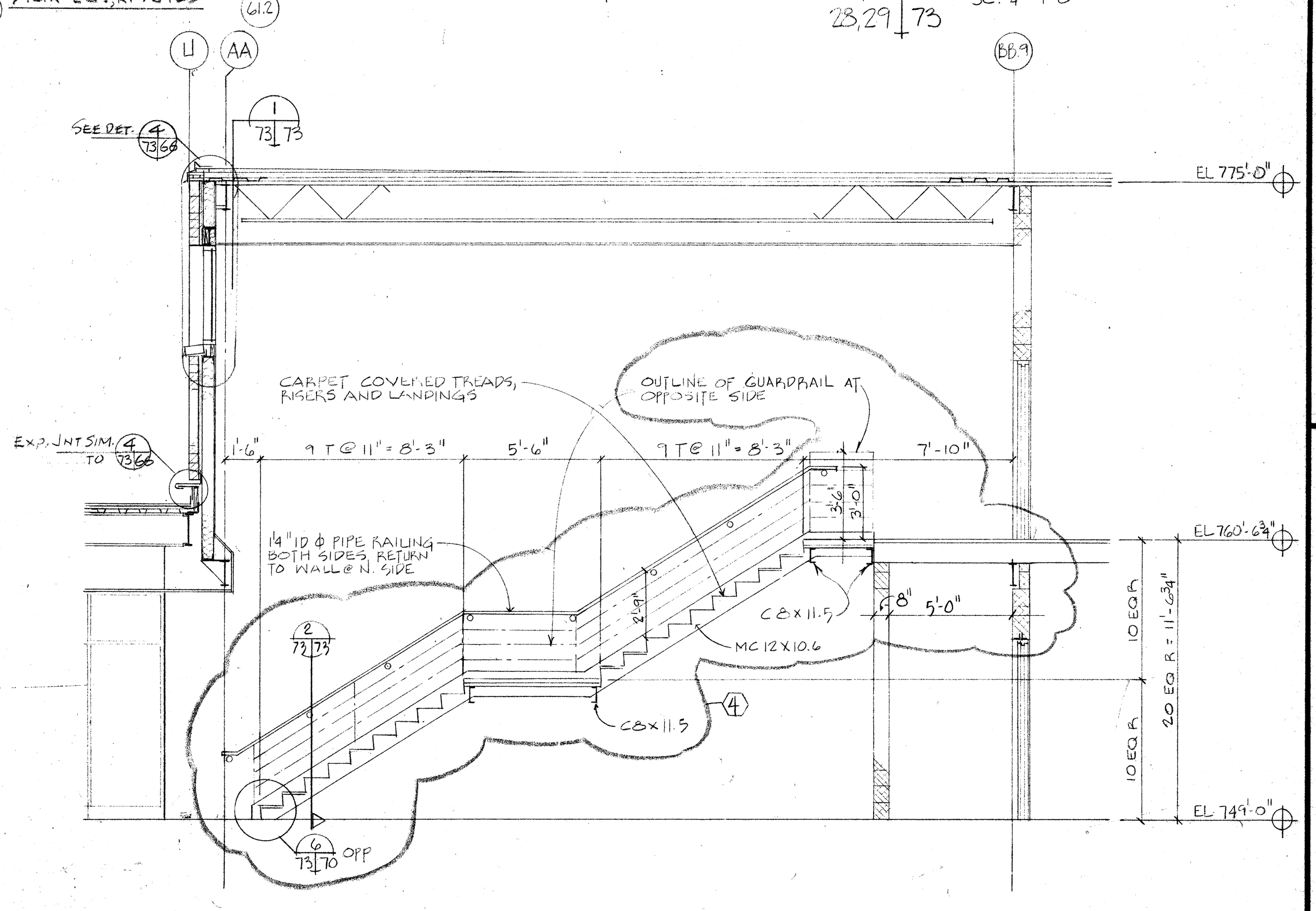

 STAIR # 4




 STAIR # H-14



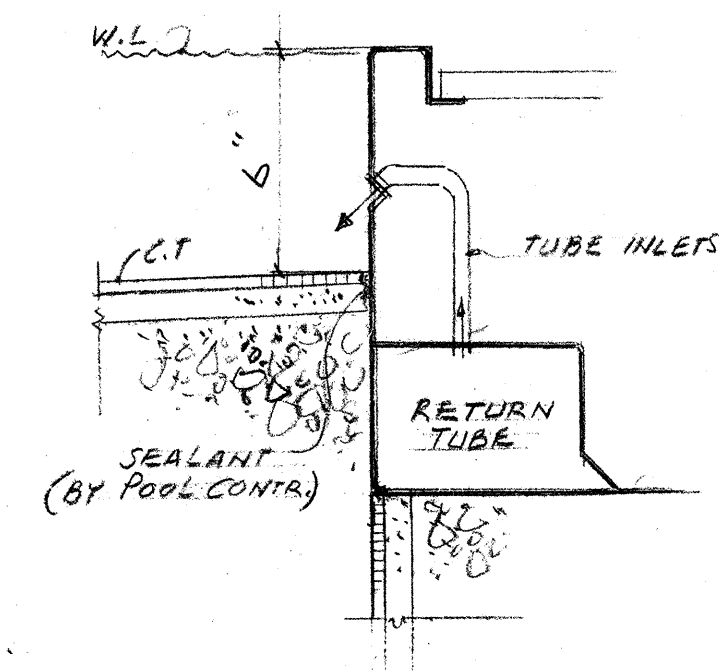
26, 27 73



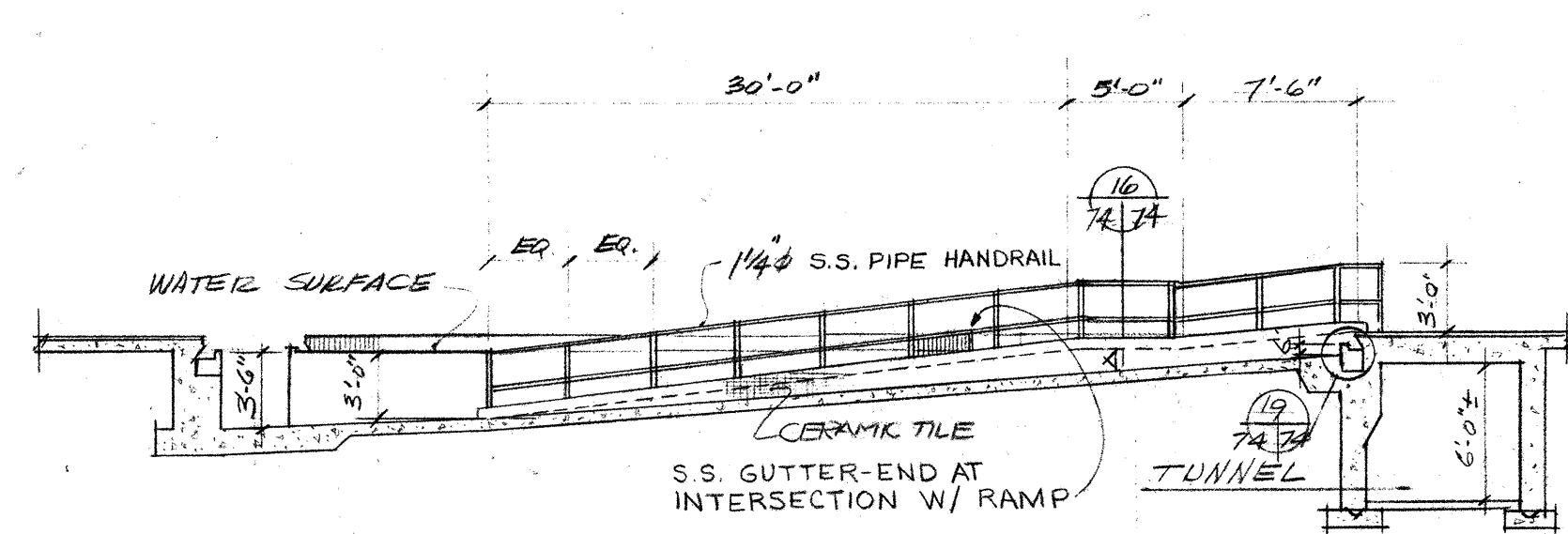
26, 27 73

STAIR # K-19

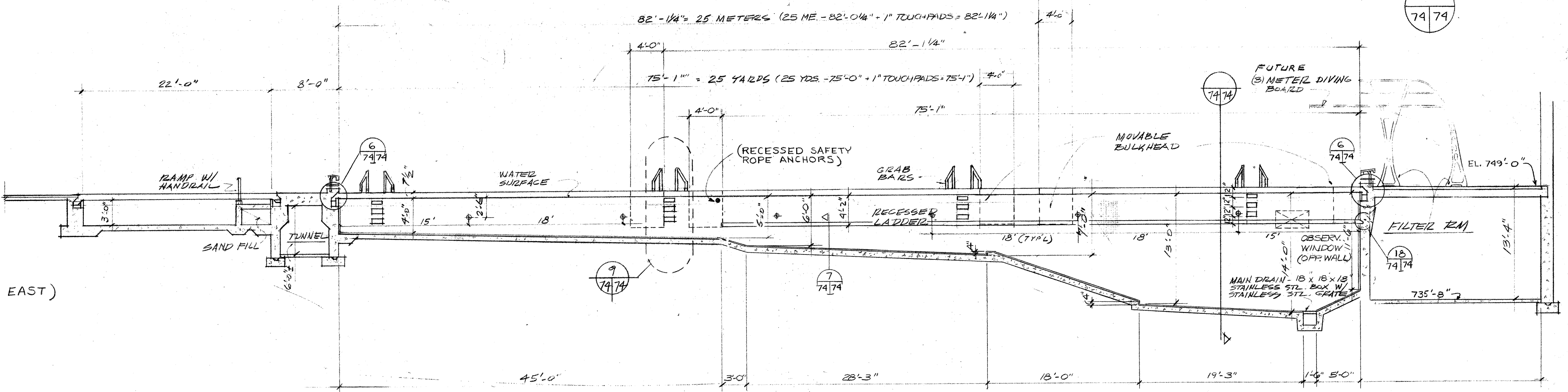
NOTE:
ALL POOL FLOOR AND DECK CERAMIC TILE NON-SLIP (INCLUDING C.T. RACING TARGETS)



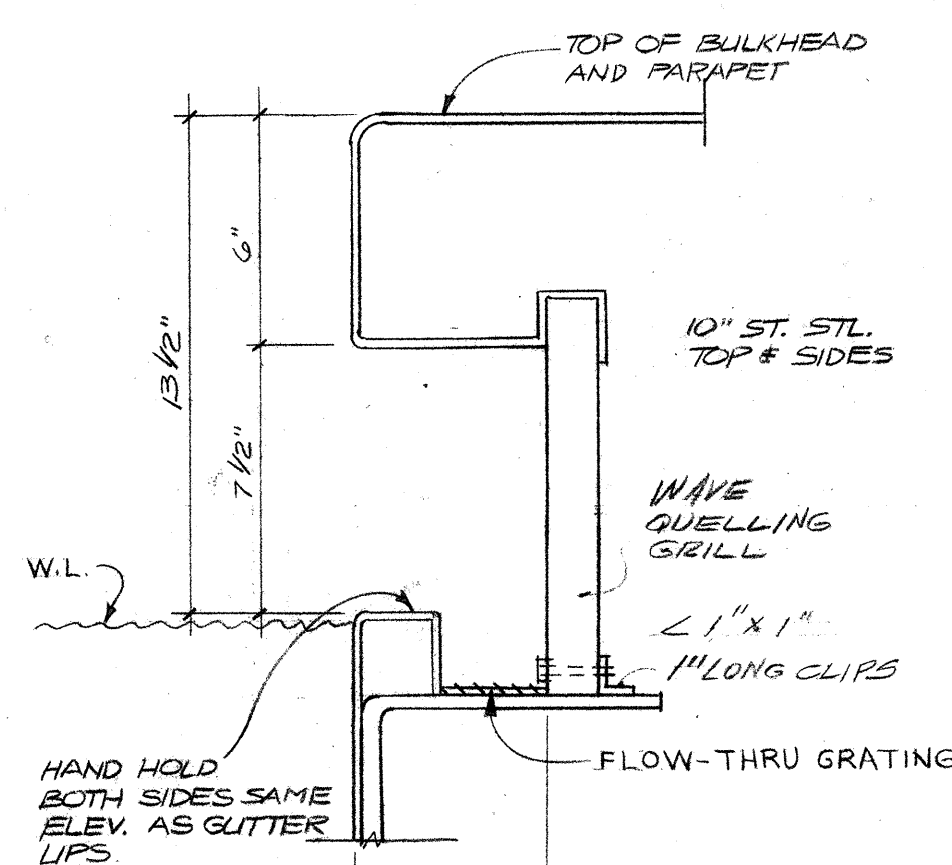
19
74/74



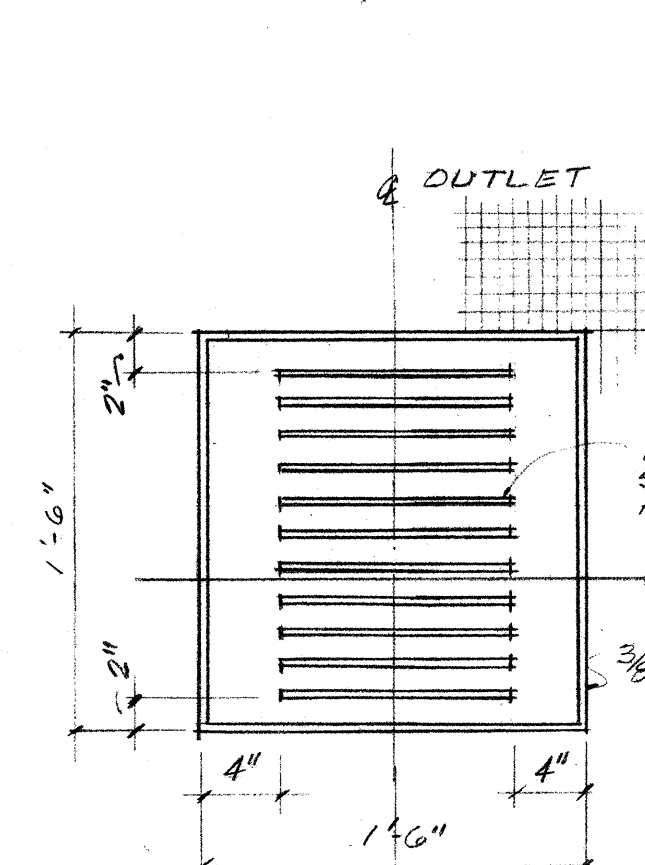
ELEVATION OF POOL RAMP (LOOKING EAST)
SCALE 1/8" = 1'-0"



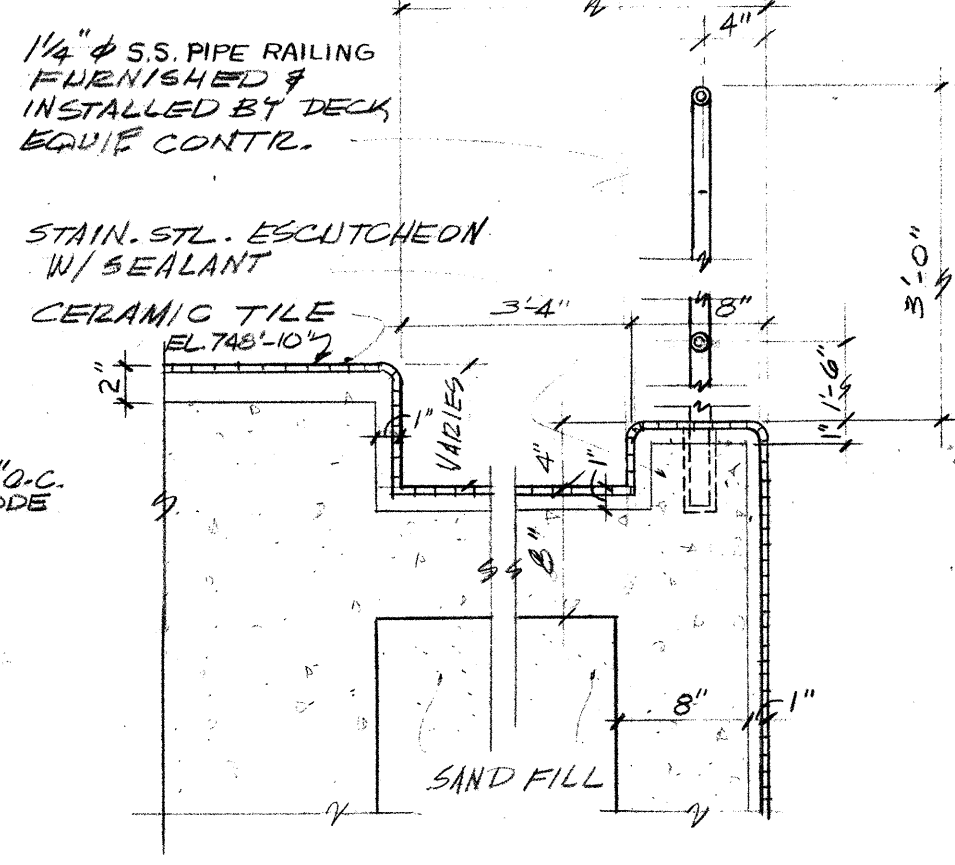
POOL SECTION (LOOKING NORTH)
SCALE 1/8" = 1'-0"



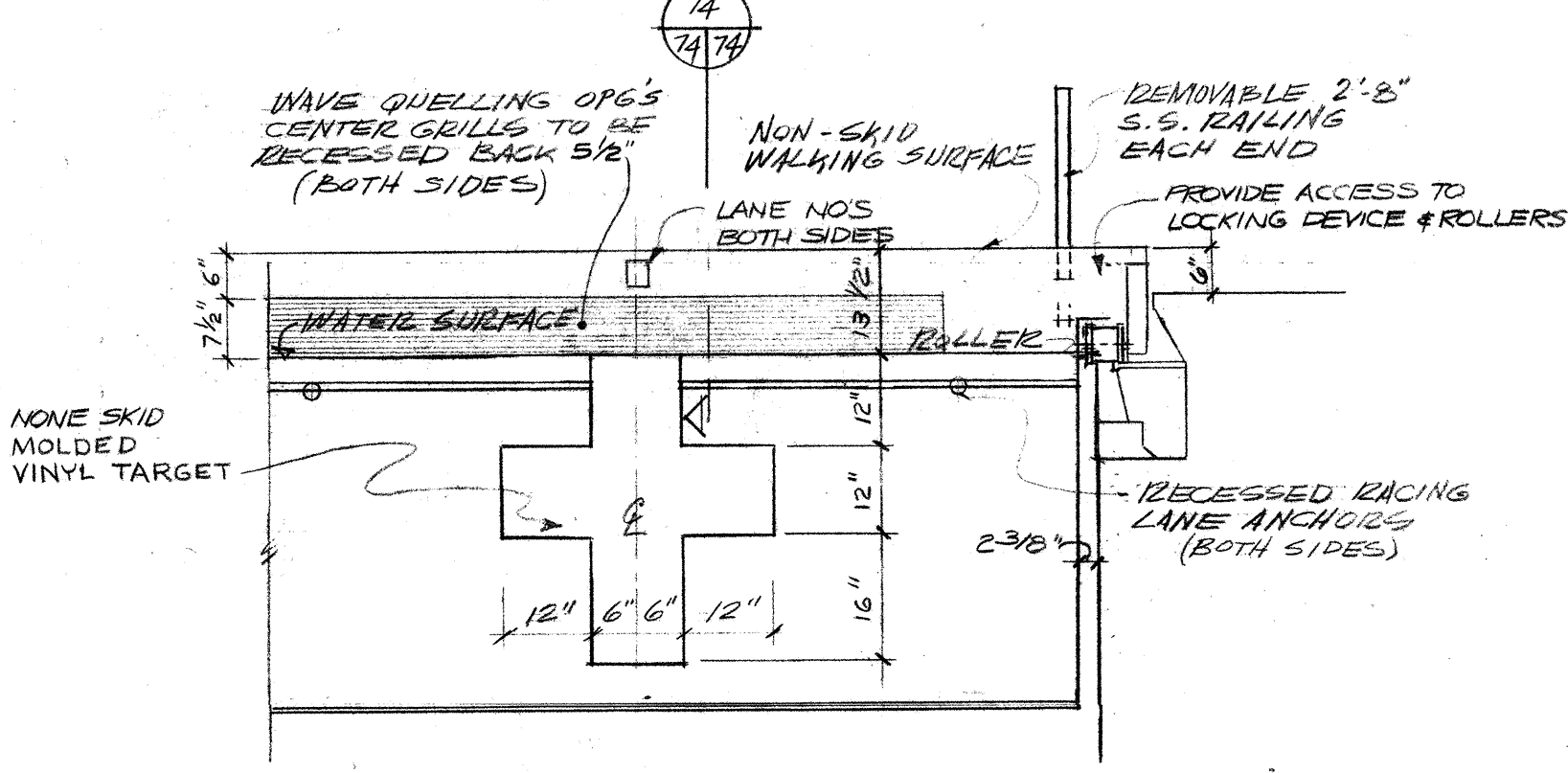
14 SECTION - RECESSED CENTER GRILLES
74/74



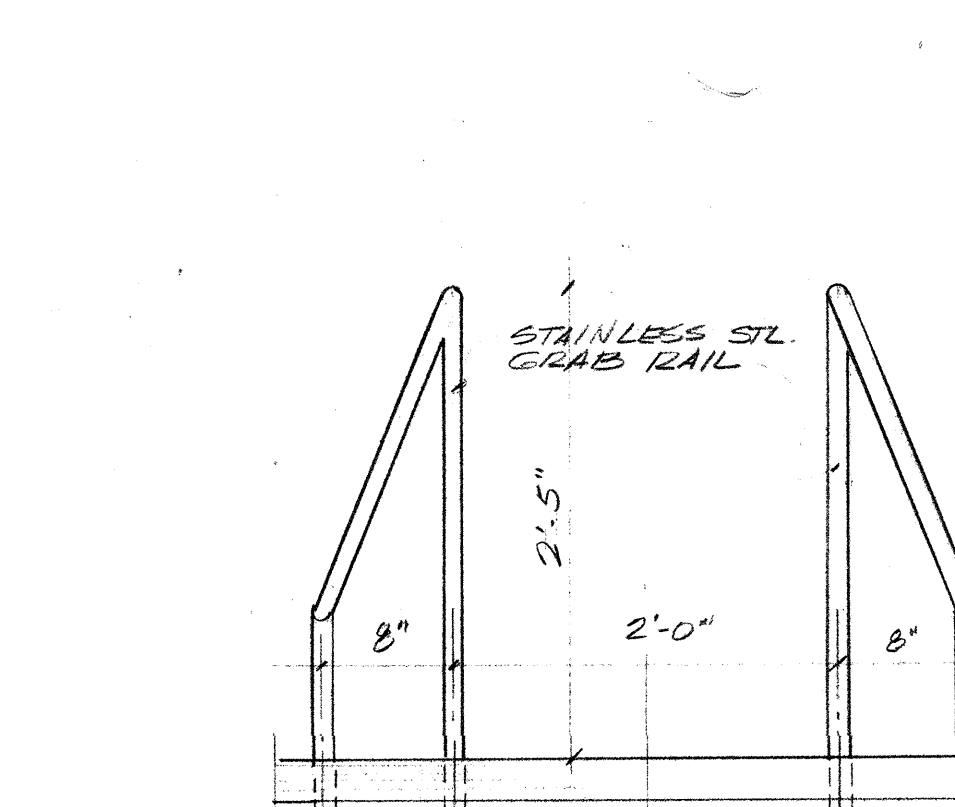
15 PLAN OF MAIN DRAIN
74/74



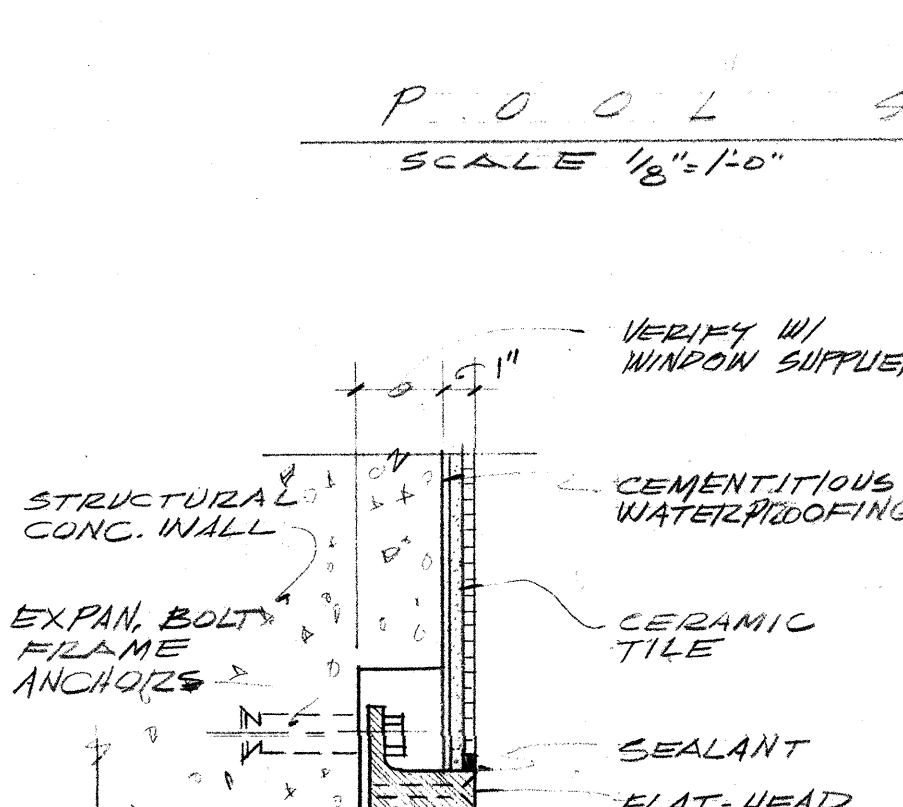
16 SECTION THRU POOL RAMP
74/74



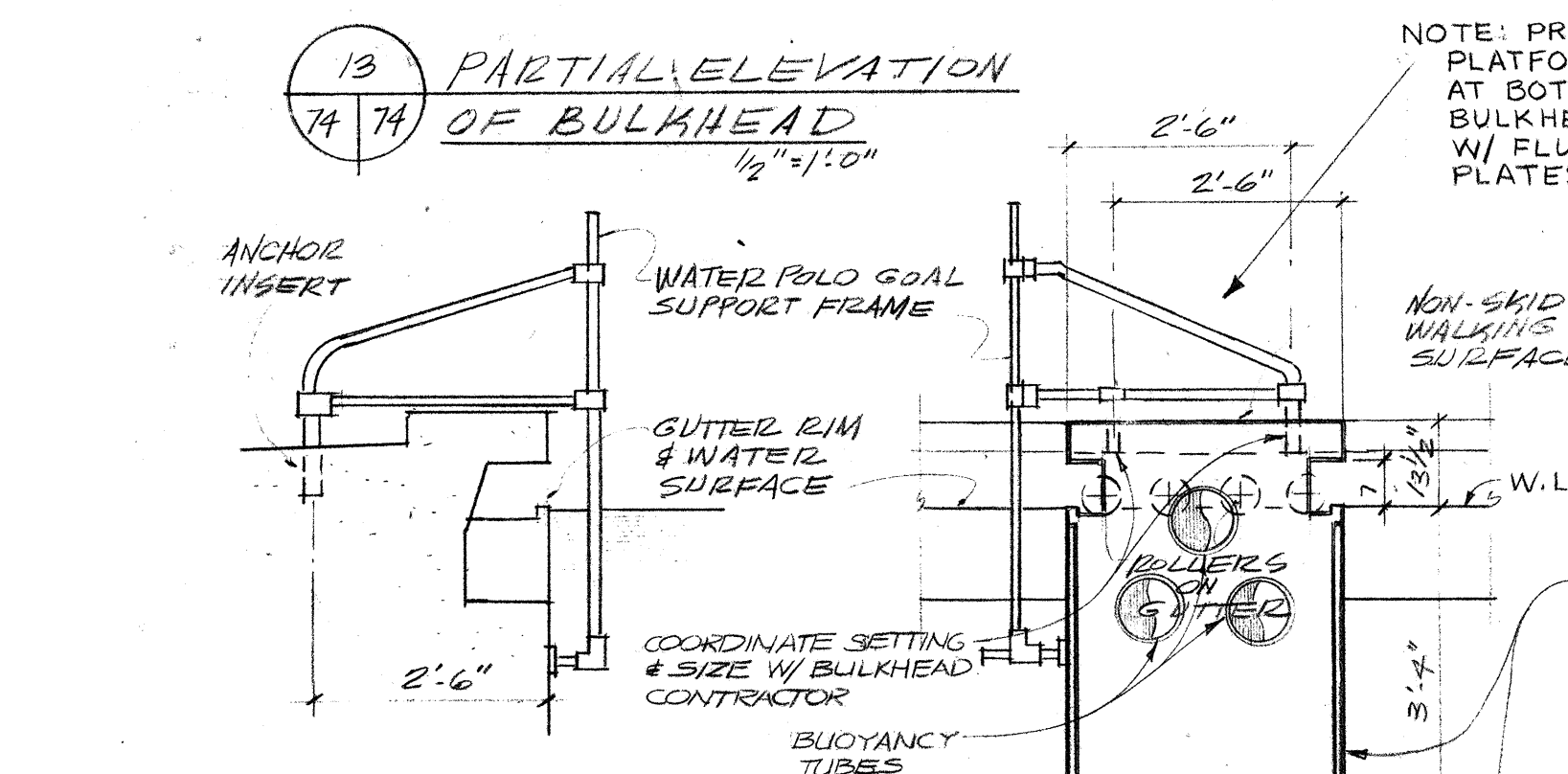
13 PARTIAL ELEVATION OF BULKHEAD
74/74



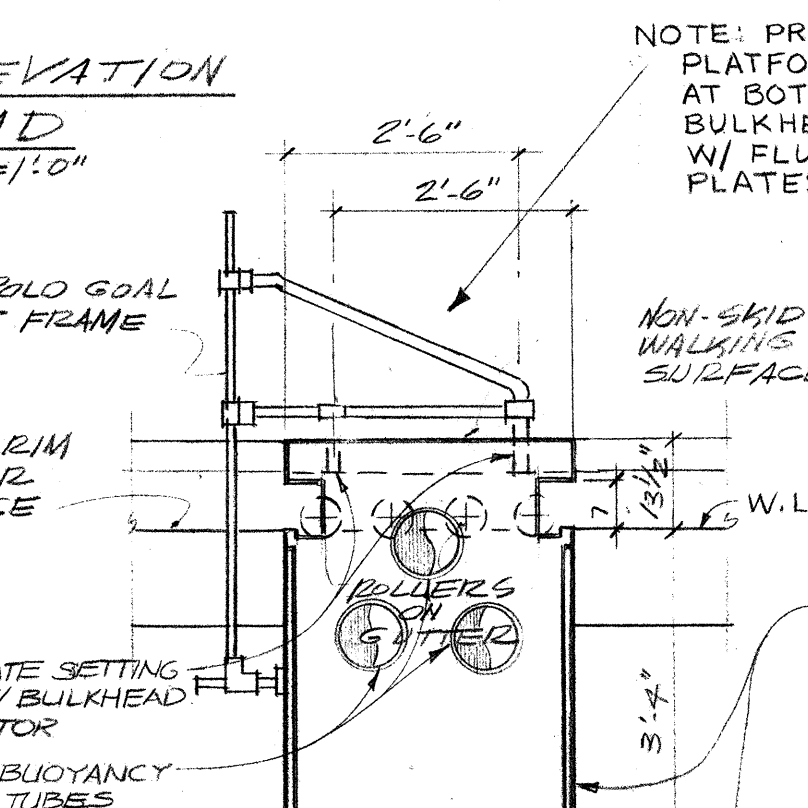
9 ELEV. OF RECESSED STAIN. STL. STEPS
74/74



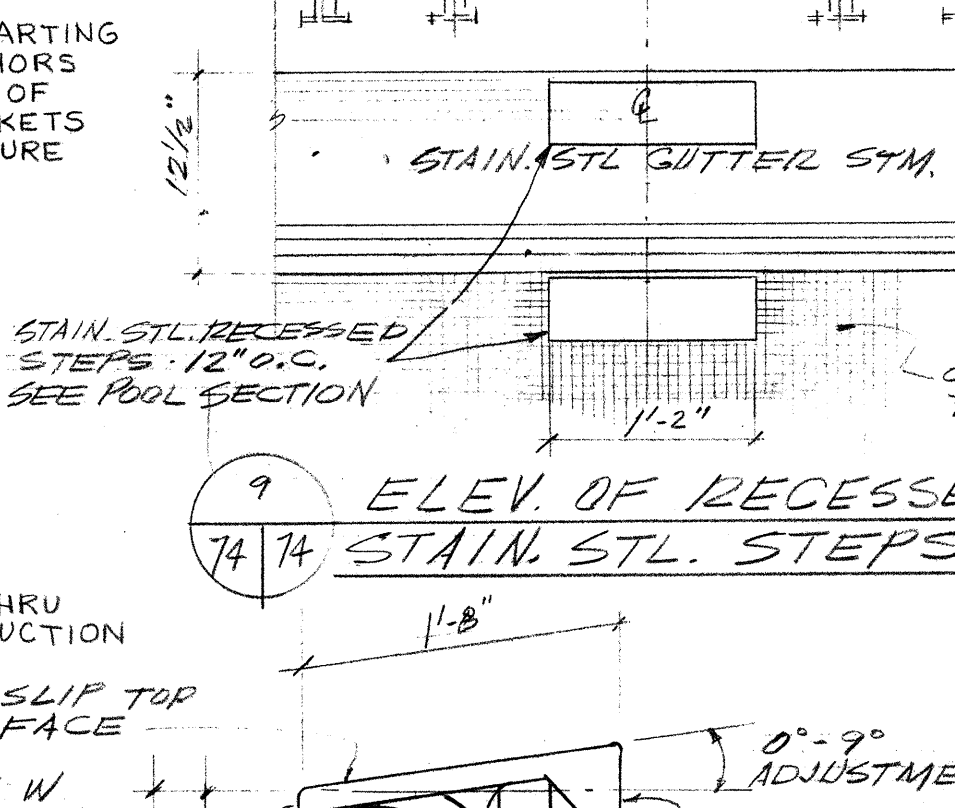
8 SECTION - DETAIL OF WINDOW
74/74



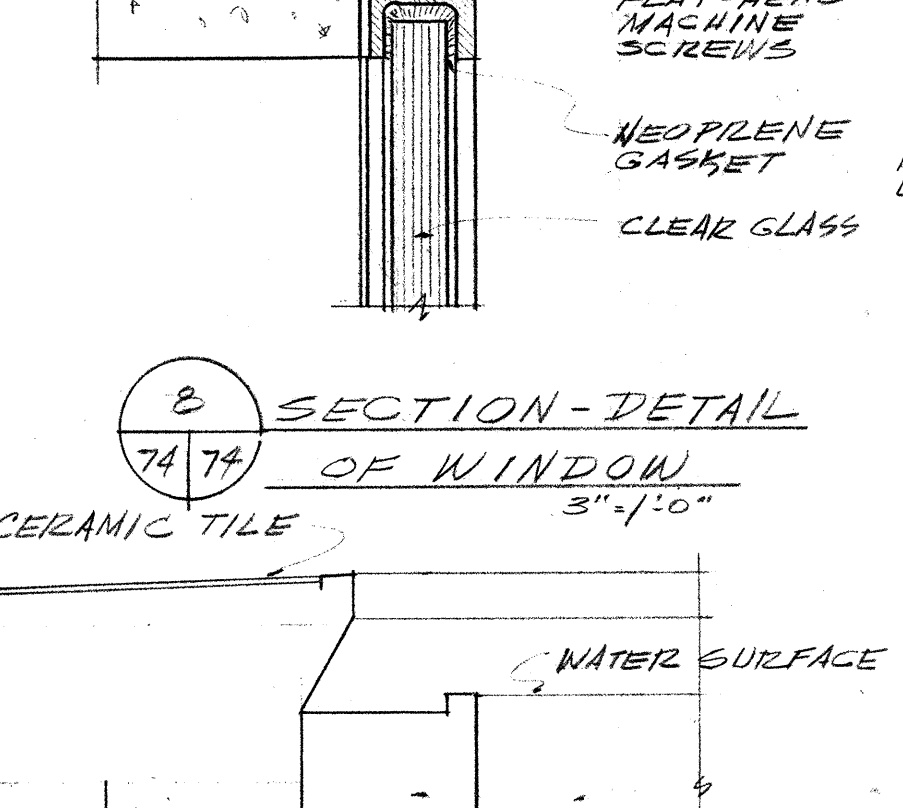
12 SECTION
74/74



11 SECTION OF BULKHEAD
74/74

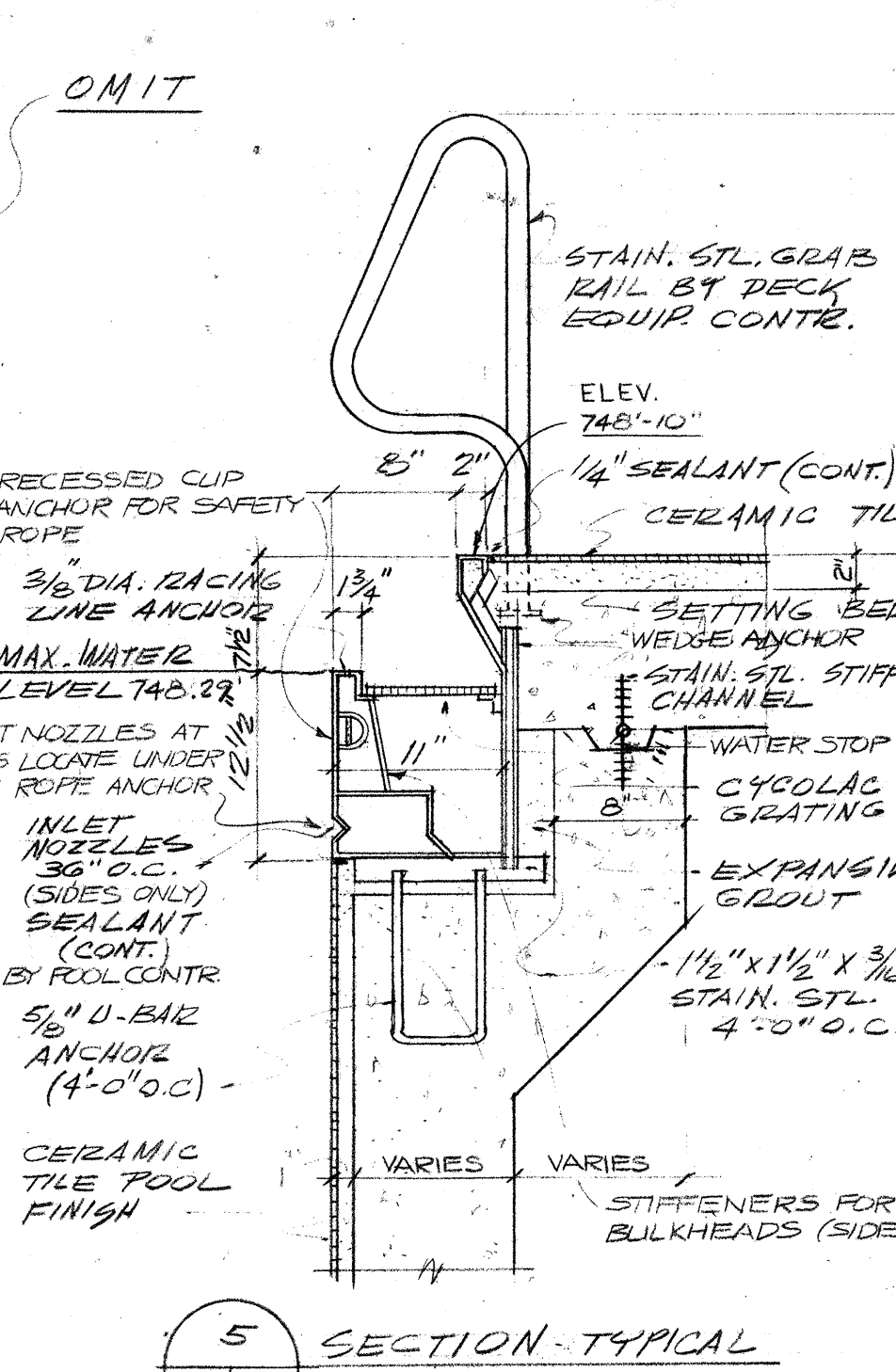


10 SECTION OF STARTING PLATFORM
74/74



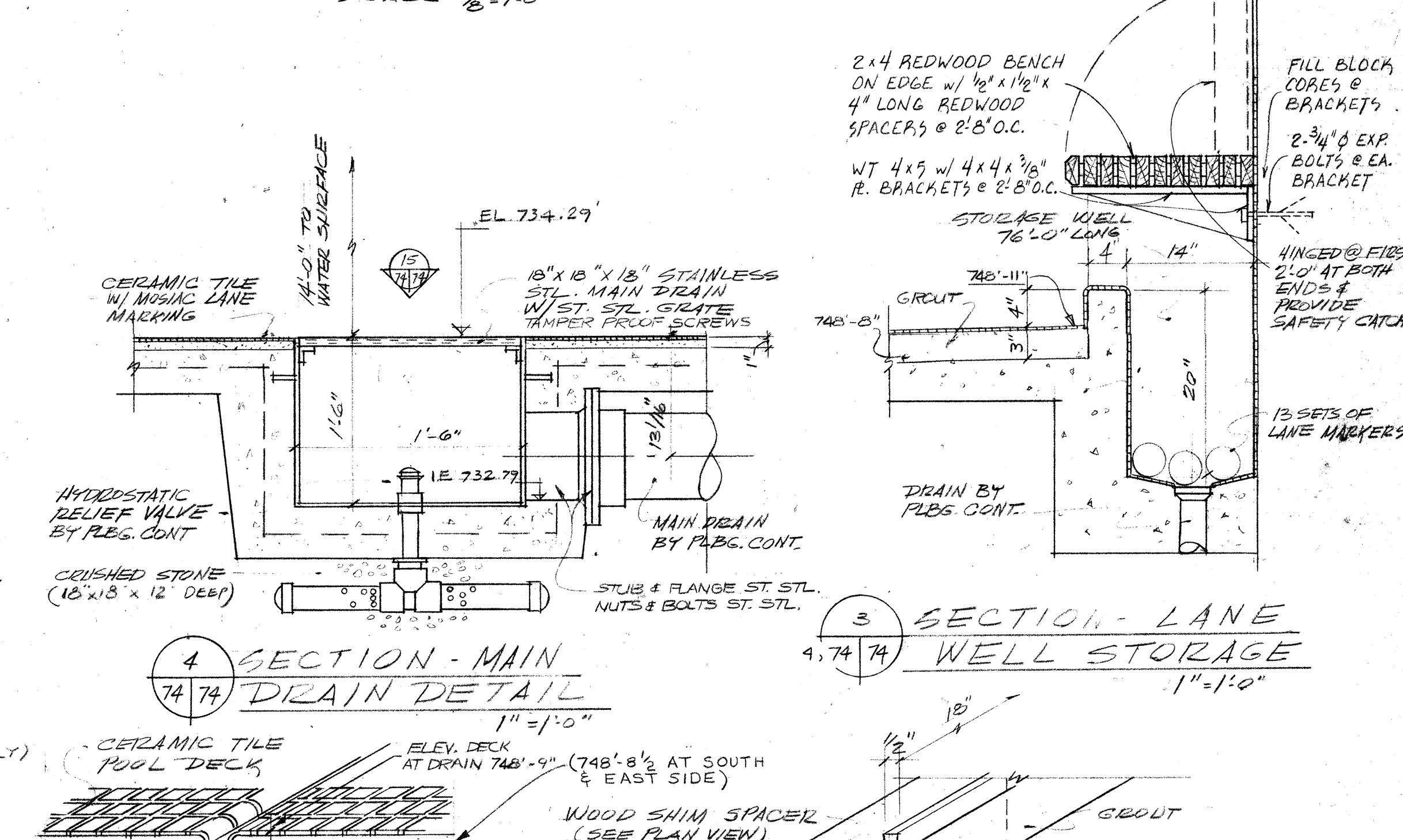
7 SECTION OF OBSERVATION WINDOW
74/74

POOL SECTION (LOOKING WEST)
SCALE 1/8" = 1'-0"

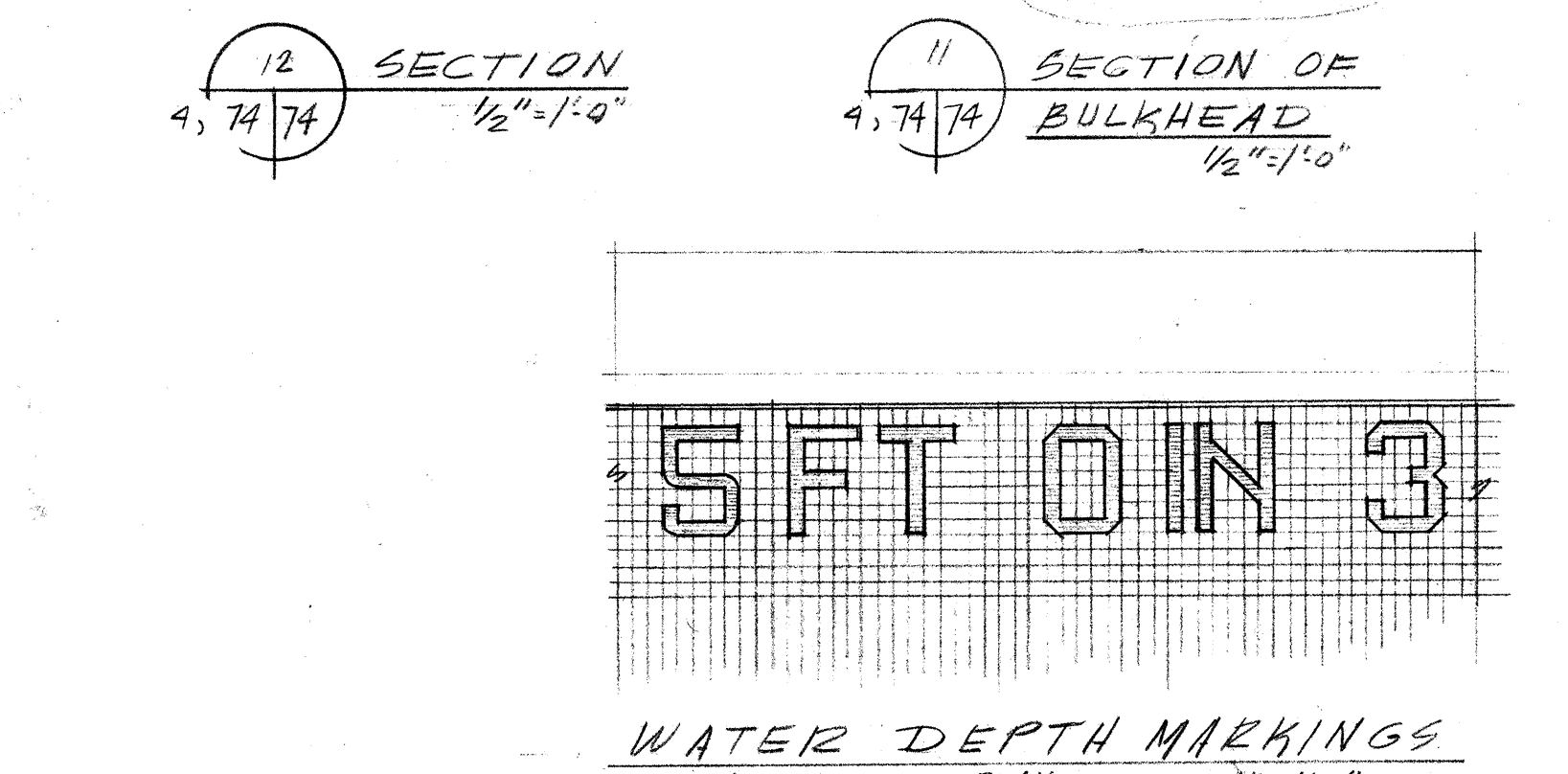


5 SECTION - TYPICAL SIDEWALL DETAIL
74/74

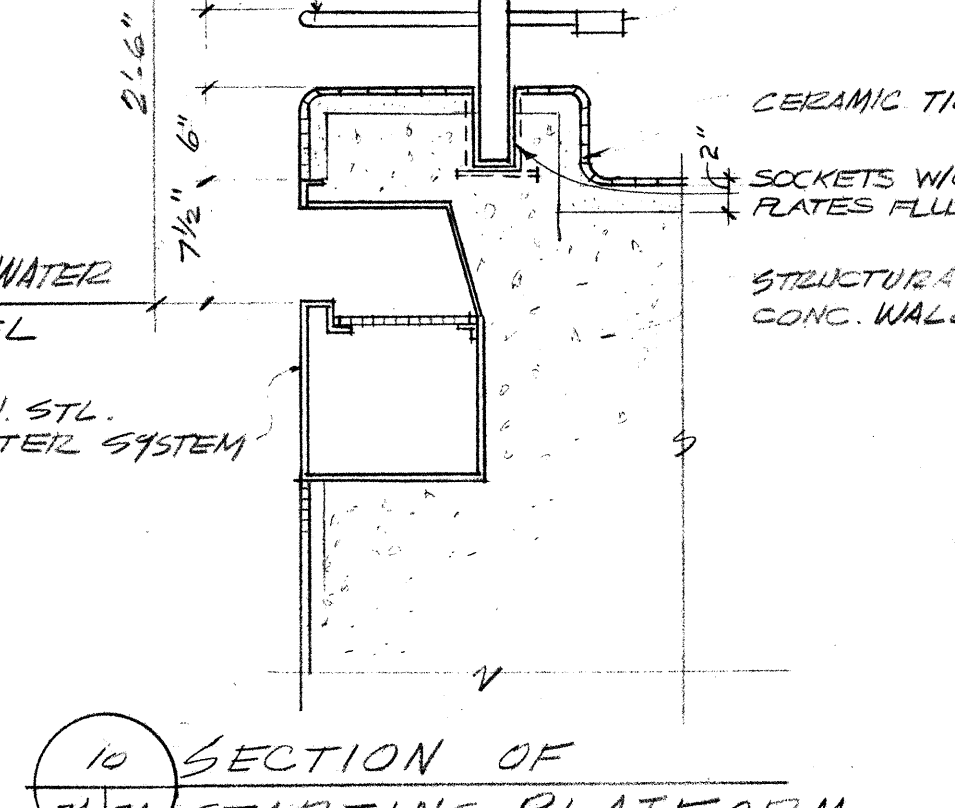
POOL SECTION (LOOKING EAST)
SCALE 1/8" = 1'-0"



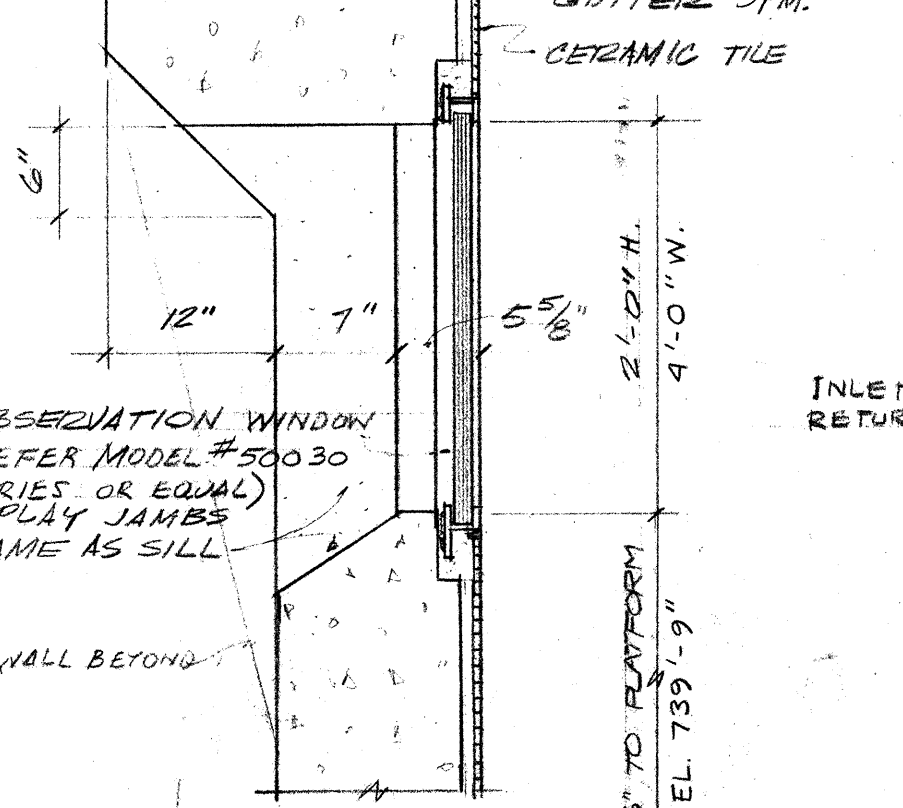
4 SECTION - MAIN DRAIN DETAIL
74/74



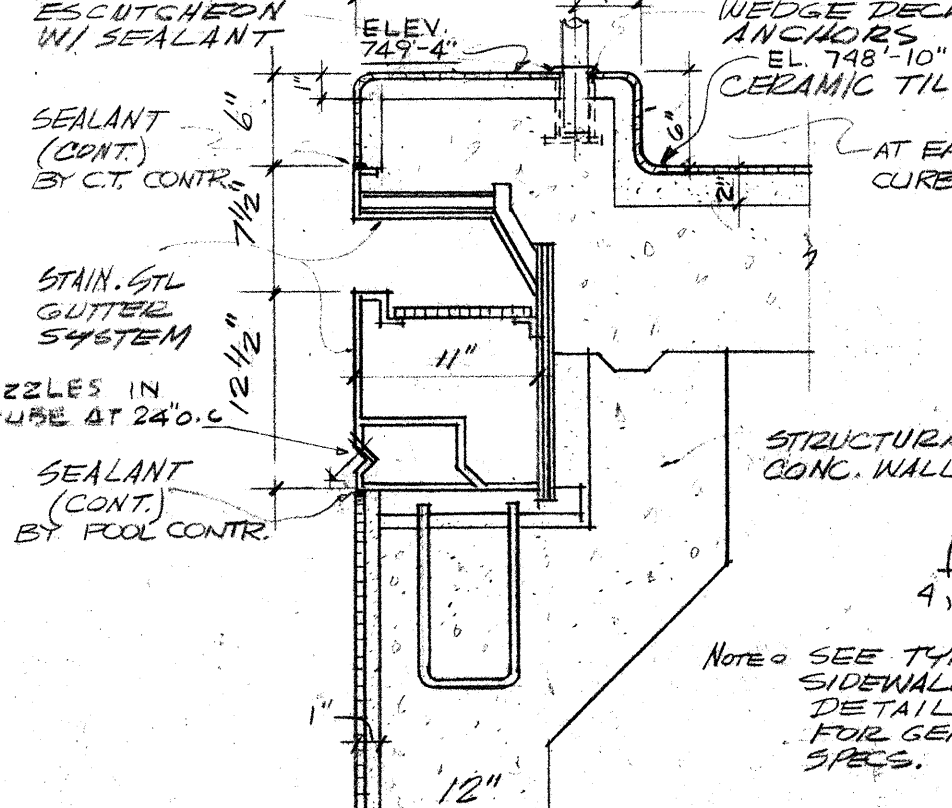
WATER DEPTH MARKINGS
SEE FLOOR PLAN
1" = 1'-0"



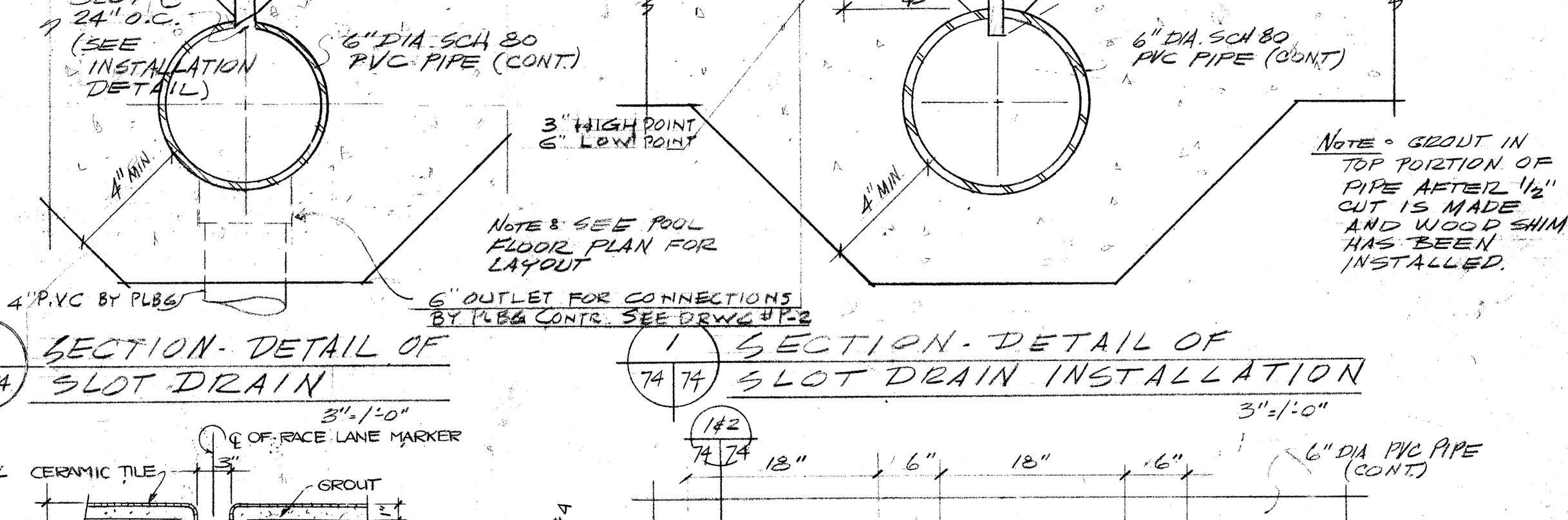
10 SECTION OF STARTING PLATFORM
74/74



7 SECTION OF OBSERVATION WINDOW
74/74

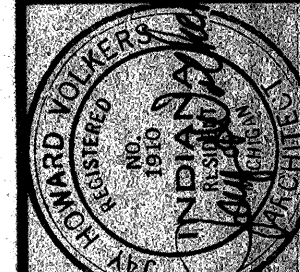


6 SECTION - TYPICAL ENDWALL DETAIL
74/74



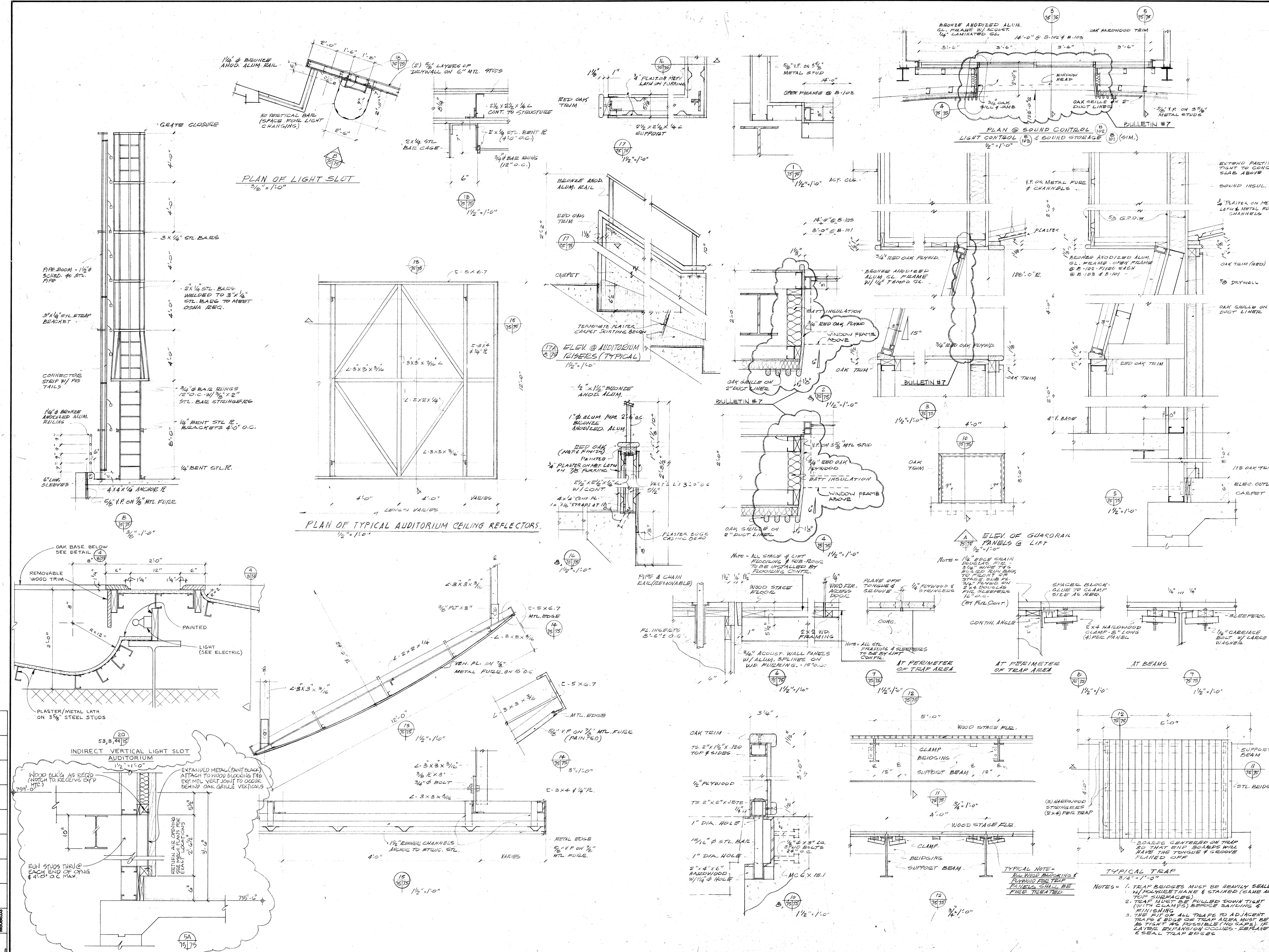
2 SECTION - DETAIL OF SLOT DRAIN
74/74

1 SECTION - DETAIL OF SLOT DRAIN INSTALLATION
74/74

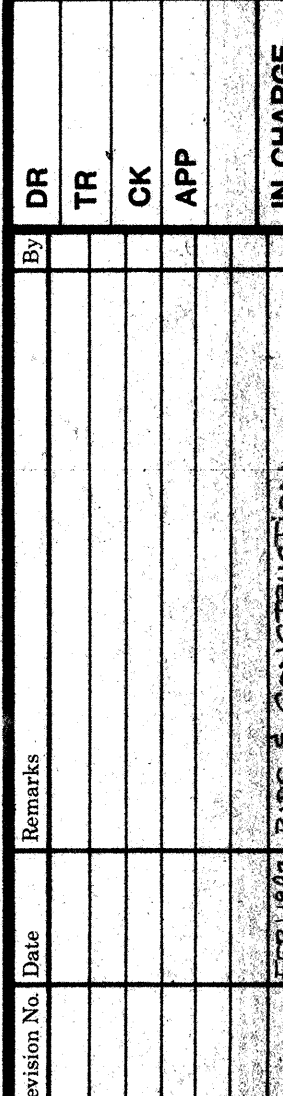


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Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

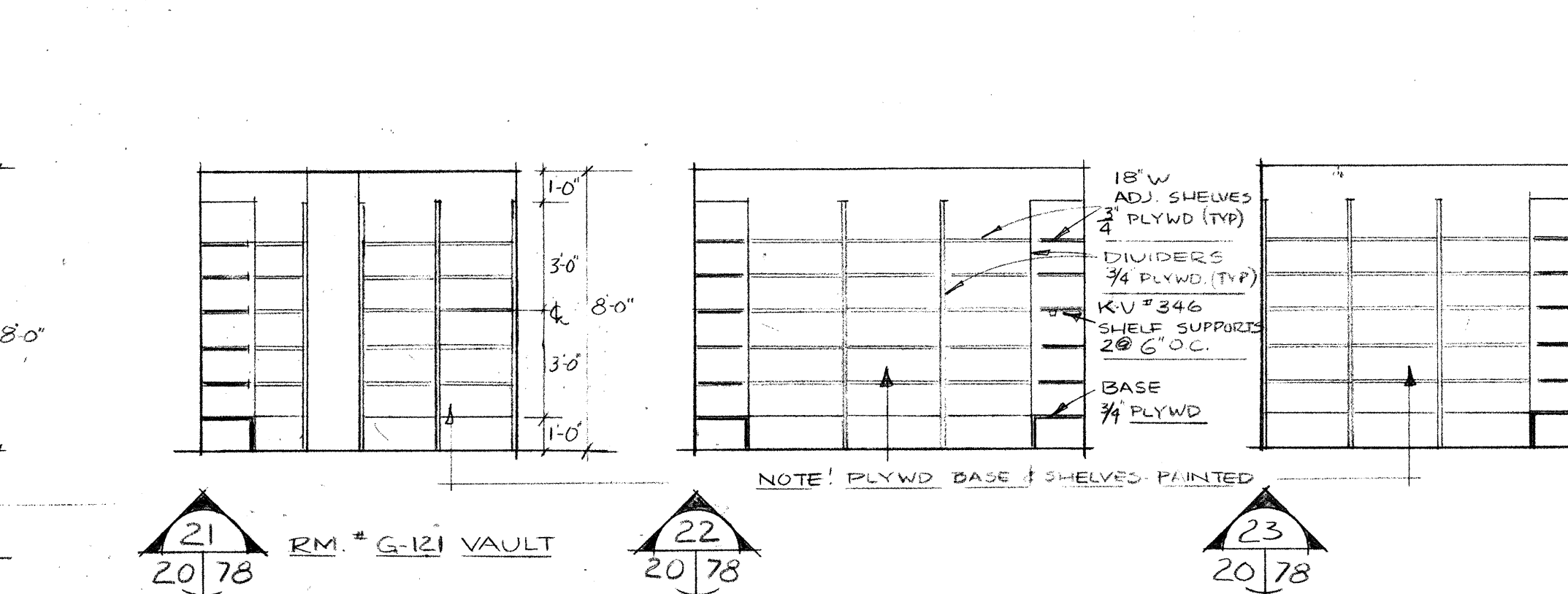
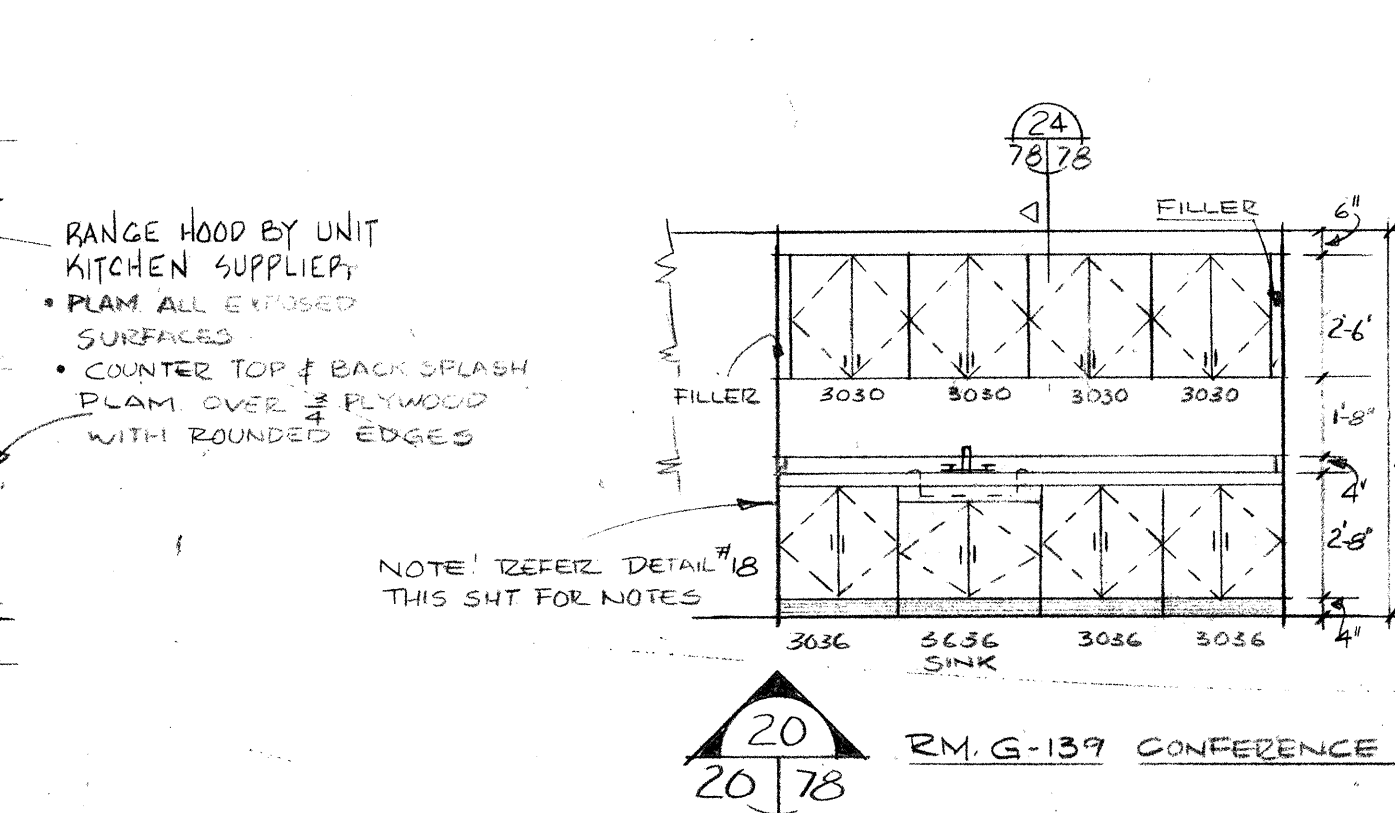
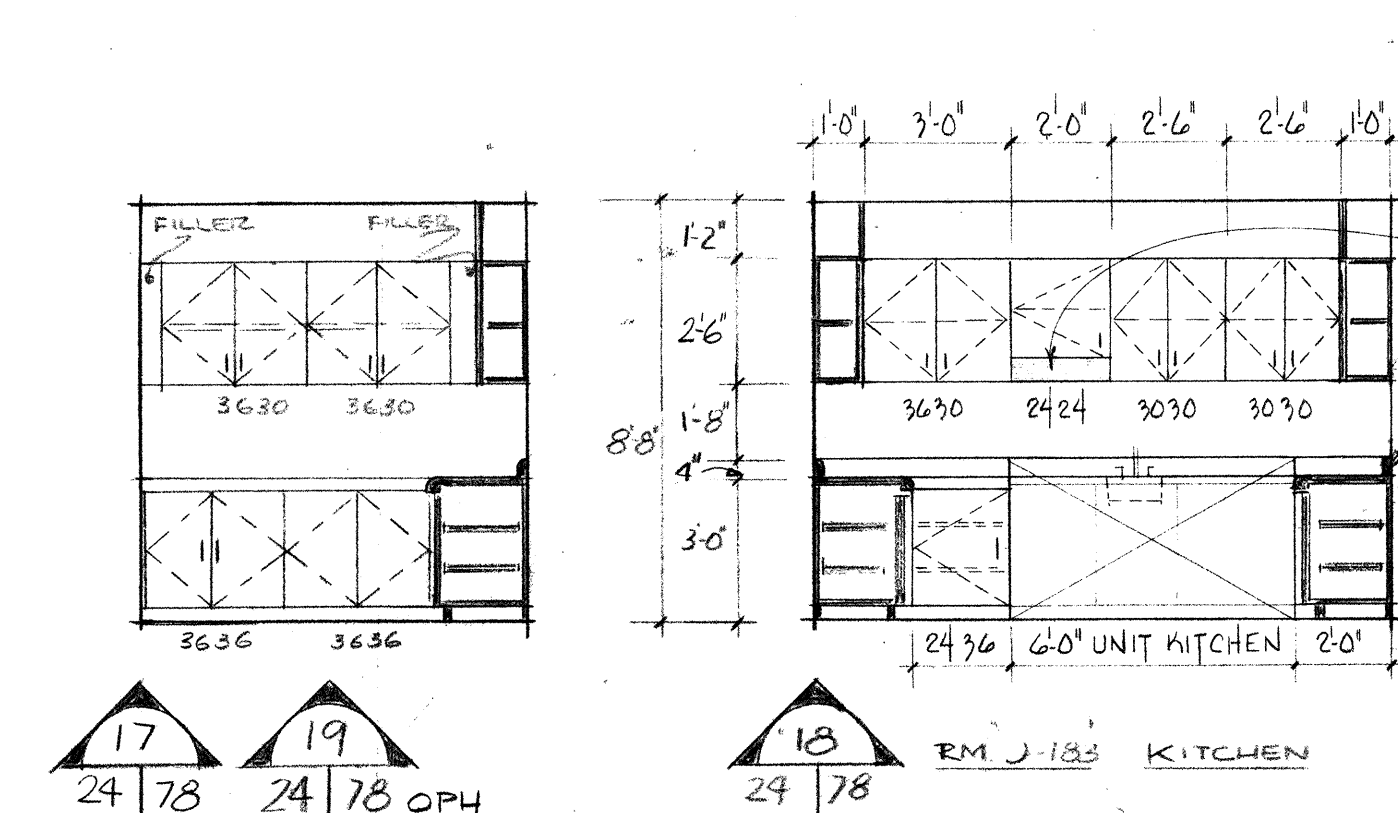
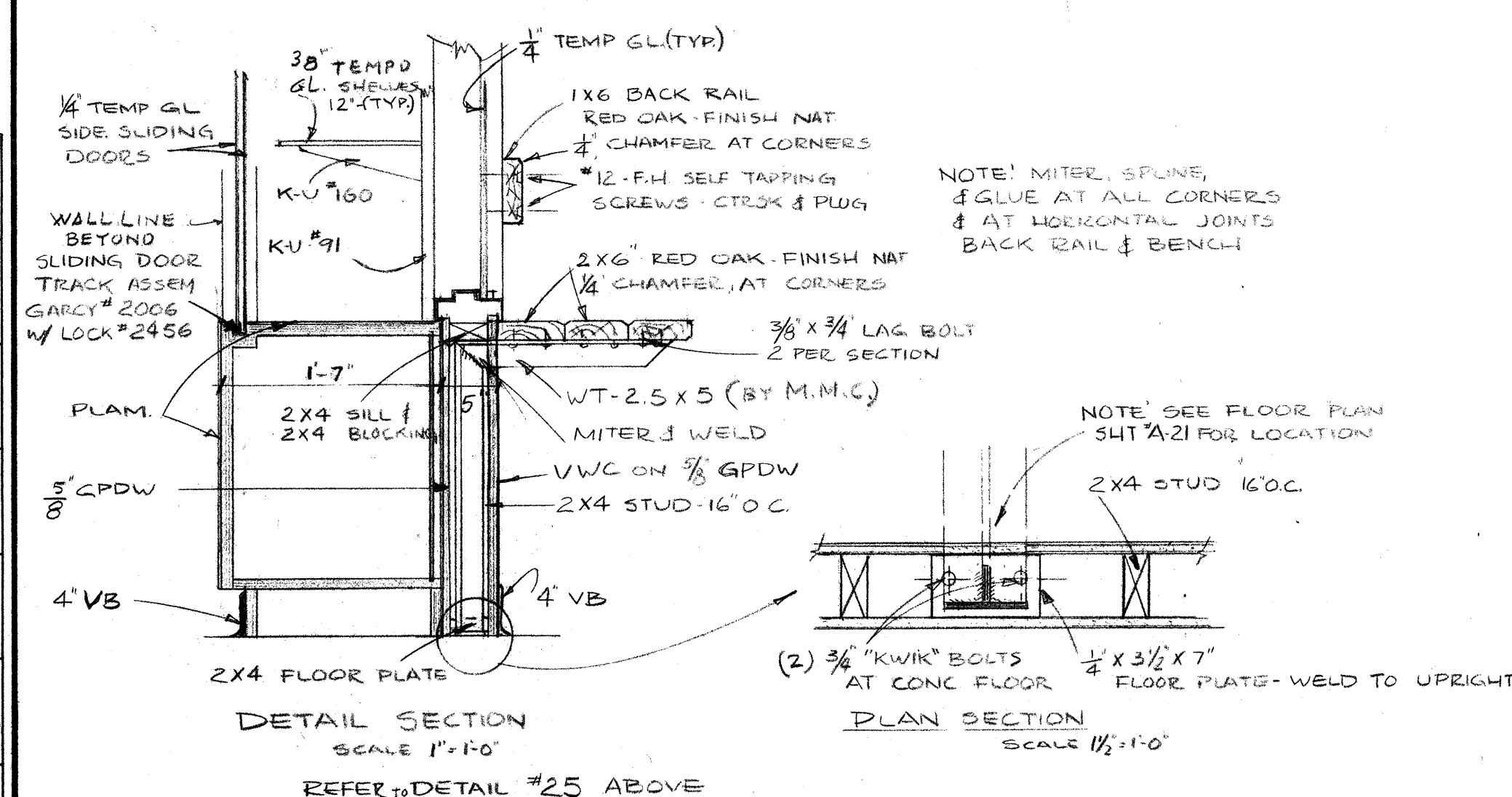
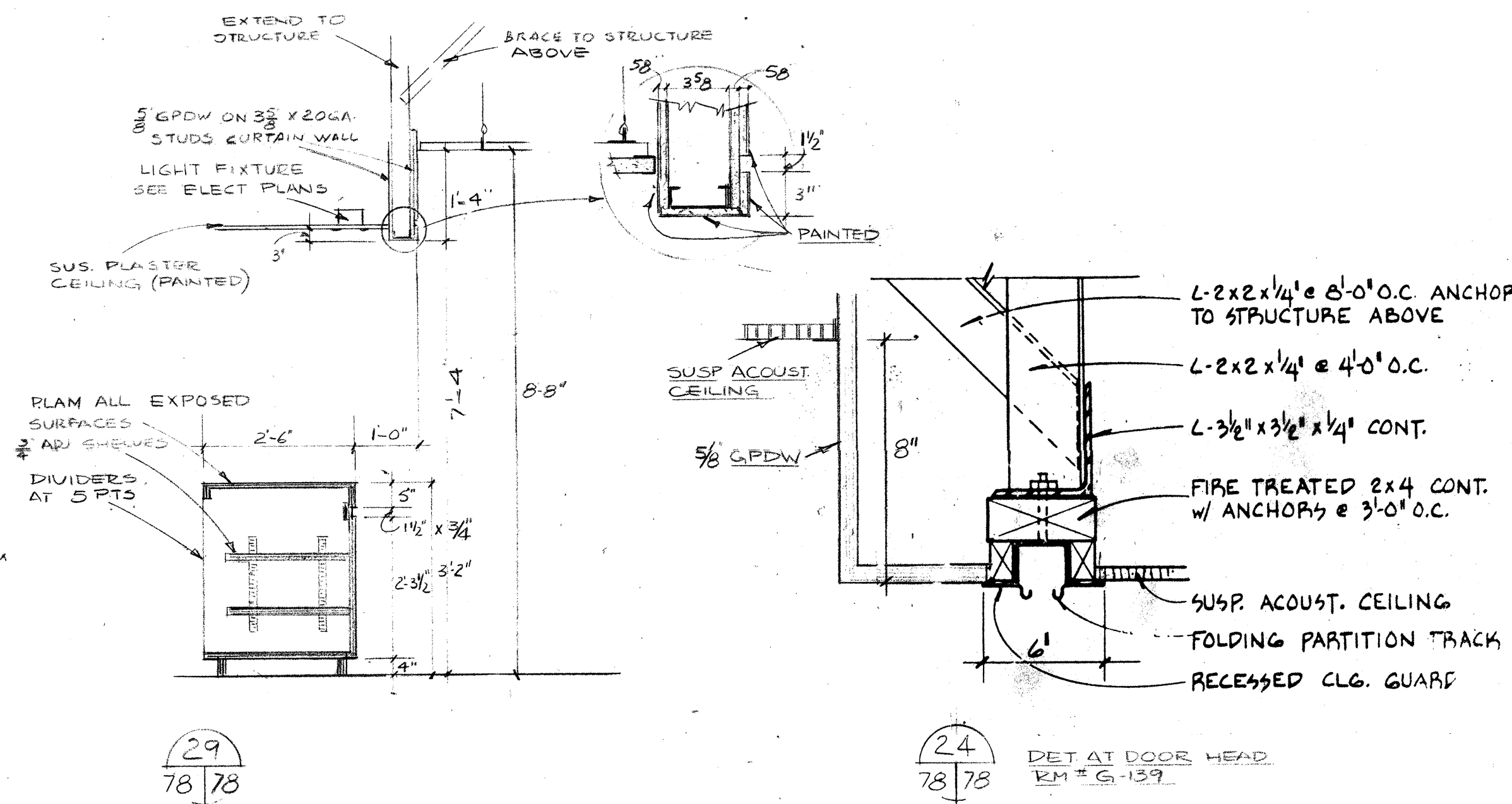
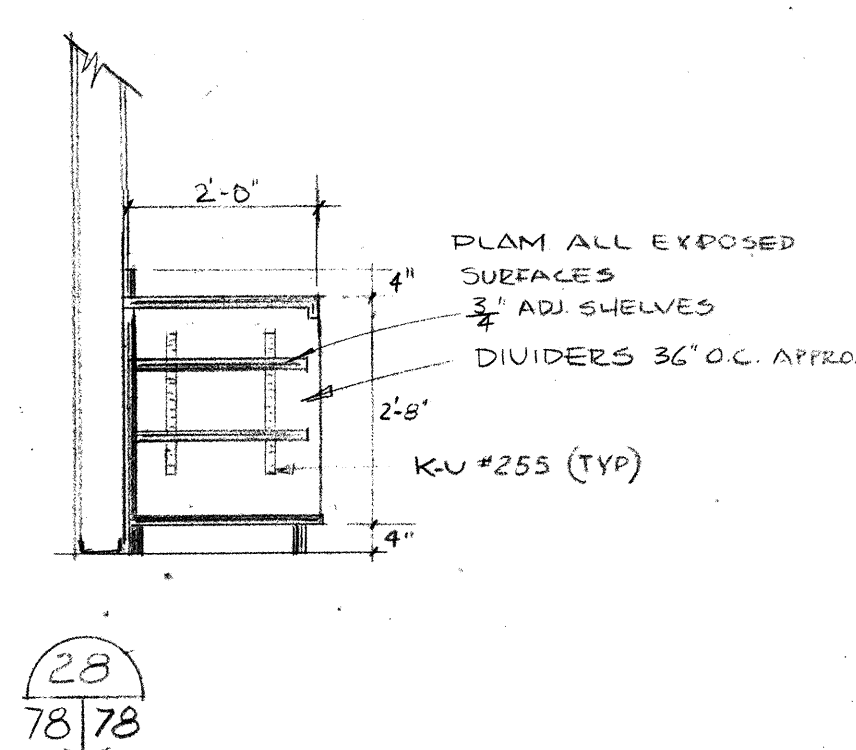
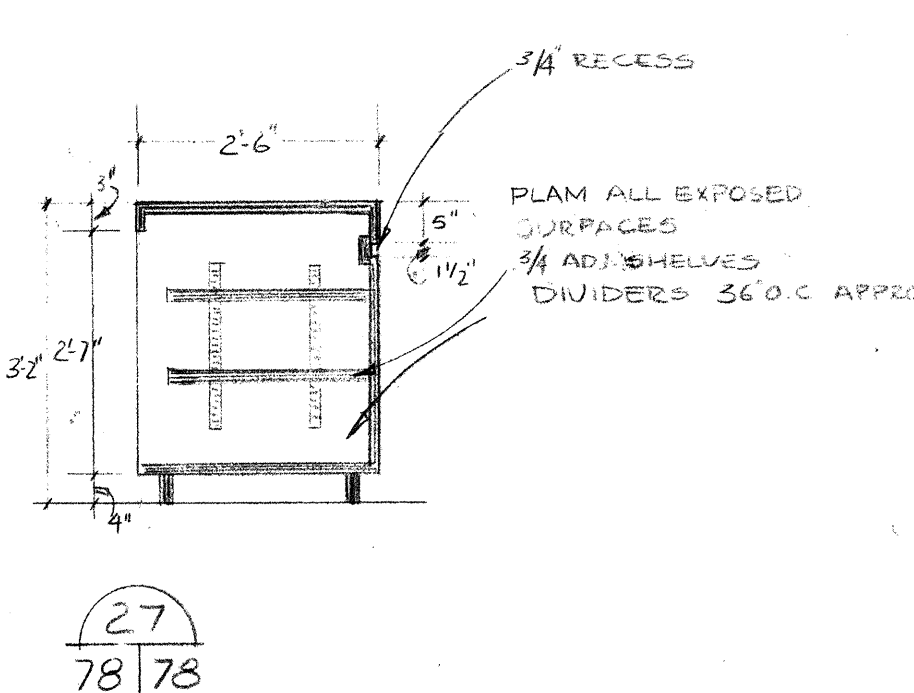
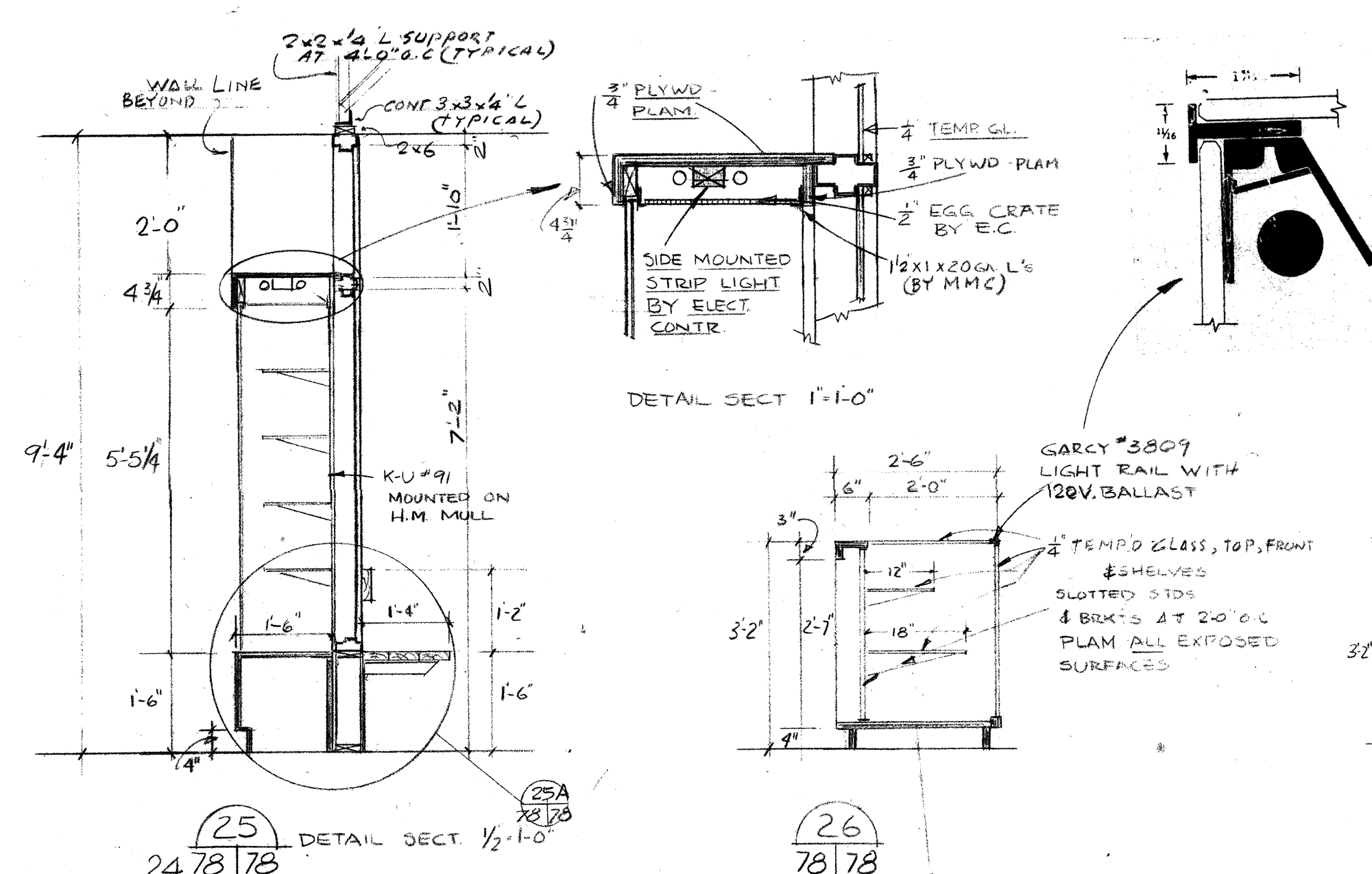
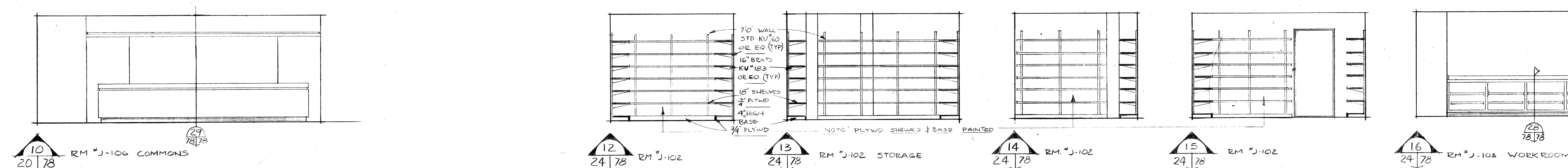
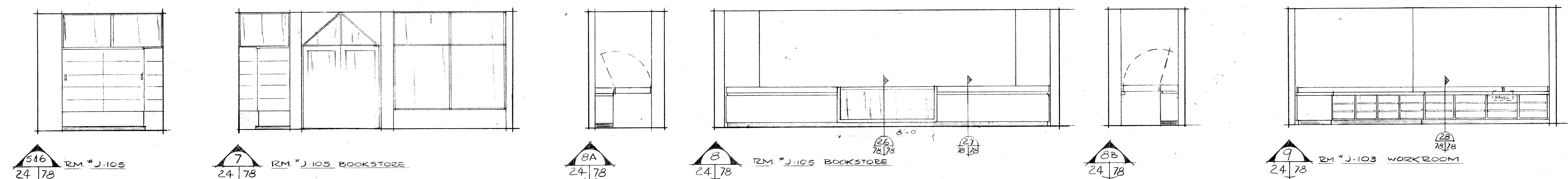
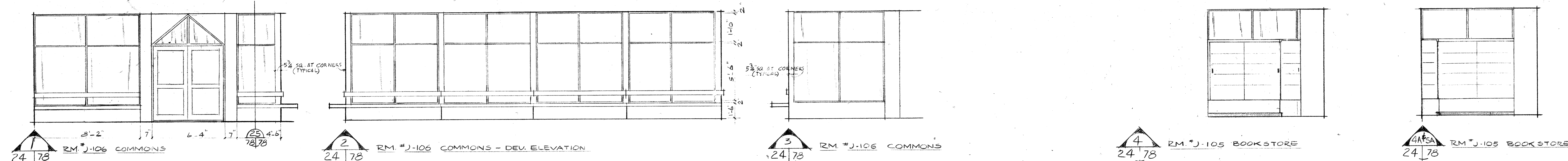


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Renovations and Additions to the
Penn High School
Penn-Harris-Madison School Corporation
Osceola, Indiana

NOTE! SEE SHT. #24 FOR
H.M. PLAN DIM'S



GENERAL NOTES!

- ALL ELEVATIONS SCALE $\frac{1}{4}"=1'0"$
- ALL EXPOSED MILLWORK PLASTIC LAMINATE EXCEPT INSIDE CABTS W/DOORS TO BE PAINTED

