MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN

HSR L920154

JUNE 1993

HSR ASSOCIATES, INC.
Architecture/Engineering
La Crosse & Madison, Wisconsin

Index of Drawings

ARCHITECTURAL

A0	COVER SHEET
A1	SURVEY
A1.1	SITE REMOVAL PLAN
A2	SITE PLAN
A3	LANDSCAPE/GRADING PLAN
A4	SITE DETAILS
A5	BLDG ELEVS/EXT. WDO ELEVS/ALT.#2 WDO ELEVS
A6	BUILDING ELEVATIONS
A7	BASEMENT DEMOLITION PLAN
A8	FIRST FLOOR DEMOLITION PLAN
A9	SECOND FLOOR DEMOLITION PLAN
A10	ROOF DEMOLITION PLAN
A11	BASEMENT FLOOR PLAN
A12	FIRST FLOOR PLAN
A13	SECOND FLOOR PLAN
A14	THIRD FLOOR PLAN
A15	ROOF PLAN
A16	BASEMENT REF. CEILING PLAN
A17	FIRST FLOOR REF. CEILING PLAN
A18	SECOND FLOOR REF. CEILING PLAN
A19	BUILDING SECTIONS
A20	WALL SECTIONS
A21	WALL SECTIONS
A22	WALL SECTIONS
A23	WALL SECTIONS/DETAILS
A24	STAIRS 'A', 'B' & ELEVATOR SECTIONS
A25	STAIR C SECTION AND MISC. DETAILS
A26	WALL TYPE & MISC. DETAILS
A27	ROOM FINISH SCHEDULE
A28	DOOR SCHEDULE / DOOR TYPES
A29	LARGE SCALE TOILET PLANS
A30	DOOR/INTERIOR WDO FRAME ELEVATIONS
A31	DOOR & WINDOW DETAILS
A32	CASEWORK ELEVATIONS & DETAILS
A33	CASEWORK ELEVATIONS & DETAILS
A34	EXTERIOR WINDOW DETAILS
A35	MISC. BUILDING DETAILS
A36	ROOF DETAILS

STRUCTURAL

S1	FOUNDATION PLAN
S2	FIRST FLOOR FRAMING
S3	SECOND FLOOR FRAMING
S4	THIRD FLOOR FRAMING
S5	ROOF FRAMING
S6	DETAILS

PLUMBING

P1	PLUMBING SITE PLAN
P2	BASEMENT FLOOR PLAN
P3	FIRST FLOOR PLAN
P4	SECOND FLOOR PLAN
P5	THIRD FLOOR PLAN
P6	WASTE & VENT PIPING DIAGRAMS

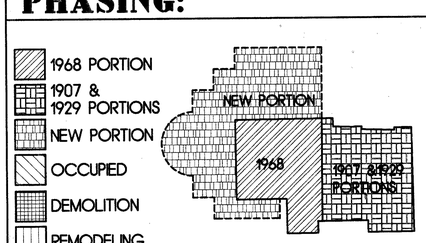
MECHANICAL

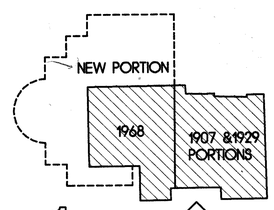
M1	BASEMENT HVC PIPING PLAN
M2	BASEMENT HVC DUCTWORK PLAN
M3	FIRST FLOOR HVC PIPING PLAN
M4	FIRST FLOOR HVC DUCTWORK PLAN
M5	SECOND FLOOR HVC PIPING PLAN
M6	SECOND FLOOR HVC DUCTWORK PLAN
M7	THIRD FLOOR HVC/DUCTWORK/PIPING PLAN
M8	LARGE SCALE MECHANICAL ROOM PLANS/SECTIONS
M9	DETAILS
M10	SCHEDULES

ELECTRICAL

E1	ELECTRICAL SITE PLAN
E2	BASEMENT LIGHTING PLAN
E3	BASEMENT POWER PLAN
E4	FIRST FLOOR LIGHTING PLAN
E5	FIRST FLOOR POWER PLAN
E6	SECOND FLOOR LIGHTING PLAN
E7	SECOND FLOOR POWER PLAN
E8	THIRD FLOOR ELECTRICAL PLAN
E9	BASEMENT SYSTEMS PLAN
E10	FIRST FLOOR SYSTEMS PLAN
E11	SECOND FLOOR SYSTEMS PLAN
E12	POWER RISER RISER DIAGRAM
E13	SCHEDULES

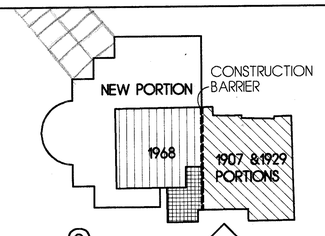
PHASING:





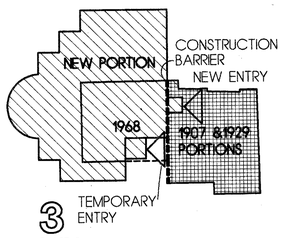
1

PHASE 1:
1. TIME PERIOD TWO-FOUR MONTHS FROM START OF CONSTRUCTION.
2. CONTRACTOR CAN PROCEED WITH ANY ADDITION WORK THAT DOES NOT INTERFERE WITH EXITING OF THE EXISTING 1968,1929,1907 BUILDING AS IT WILL BE OCCUPIED DURING PHASE 1.
3. TEMPORARY WORK THAT IS REQUIRED IN THE 1907/1929 PORTION OF THE LIBRARY FOR OCCUPANCY DURING PHASE 2.



2

PHASE 2:
1. LIBRARY SHALL VACATE THE 1968 PORTION OF THE BUILDING DURING THIS PERIOD OF TIME. THE 1907/1929 PORTION SHALL CONTINUE TO BE OCCUPIED.
2. WORK SHALL INCLUDE THE NEW ADDITION AND REMODELING OF THE 1968 PORTION OF THE EXISTING BUILDING, TO THE EXTENT THAT THE 1907/1929 PORTION REMAIN STANDING AND OCCUPIED.
3. PROVIDE TEMPORARY ENTRANCE TO ADDITION AND REMODELED 1968 PORTION @ STAIR 'C'.



3

PHASE 3:
1. LIBRARY SHALL MOVE OUT OF THE 1907/1929 PORTION AND OCCUPY THE PHASE 1 & 2 WORK.
2. DEMOLITION OF THE 1907/1929 PORTION SHALL PROCEED AS SOON AS THE STRUCTURE IS VACATED.
3. AFTER DEMOLITION OF THE 1907/1929 PORTION, WORK CAN PROCEED ON THE NORTH SIDE OF THE PHASE 1 & 2 WORK.
4. REMOVE TEMPORARY ENTRANCE WORK @ STAIR TOWER 'C' AND COMPLETE WORK.

CODE DATA:

CLASS OF CONSTRUCTION-	TYPE 3- METAL FRAME PROTECTED
OCCUPANCY-	CHAPTER 56- LIBRARIES
AUTOMATIC SPRINKLERS-	YES
FIRE SEPARATIONS-	SEE SHEETS A16, A17 & A18
EXIT DISTANCE-	200'
AGGREGATE EXIT WIDTH-	30"/100 PEOPLE
OCCUPANTS-	72 STAFF 128 PATRONS 200 TOTAL
FLOOR LOADING-	150 PSF ON BASEMENT, 1ST, 2ND FLOORS 60 PSF ON 3RD FLOOR
SANITARY FACILITIES-	WATER CLOSETS- MEN 1/10 WOMEN 1/15 URINALS- 1/40 LAVATORIES- 1/15

Set Number 5

HSR ASSOCIATES INC.
RECEIVED
JAN 5 1995
ELLIS STONE AS-BUILT DRAWGS

A0

= EXISTING BUILDING TO BE REMOVED UNDER PHASE 3.

= EXISTING BUILDING TO REMAIN

NOTES:

1 = TREE TO BE SAVED NOTE: ALL OTHER TREES ARE TO BE REMOVED

2 = EXISTING SIGN TO BE REMOVED AND RELOCATED (SEE SITE PLAN A2)

3 = EXISTING FLAG POLE TO BE REMOVED AND RELOCATED (SEE SITE PLAN A2)

4 = EXISTING TRASH BIN TO BE REMOVED. (TURN OVER TO OWNER FOR RELOCATION)

5 = EXISTING BENCH TO BE REMOVED. (TURN OVER TO OWNER FOR RELOCATION)

6 = DRAIN TO BE REMOVED

7 = CONCRETE RAMP TO BE REMOVED
REMOVE PIPE RAILINGS ON BOTH SIDES

8 = CONCRETE STAIRS TO BE REMOVED
REMOVE PIPE RAILINGS ON BOTH SIDES

9 = BRUSH WITHIN BRUSH LINE TO BE REMOVED

10 = CONCRETE WALK TO BE REMOVED

11 = REMOVE EXIST. CONC. RETAINING WALL AND BOLLARDS FROM NORTH EDGE OF NORTH URN TO EDGE OF EXISTING BUILDING

12 = EXISTING CONC. URNS AND CONC. RETAINING WALL BETWEEN THE TWO URNS TO REMAIN

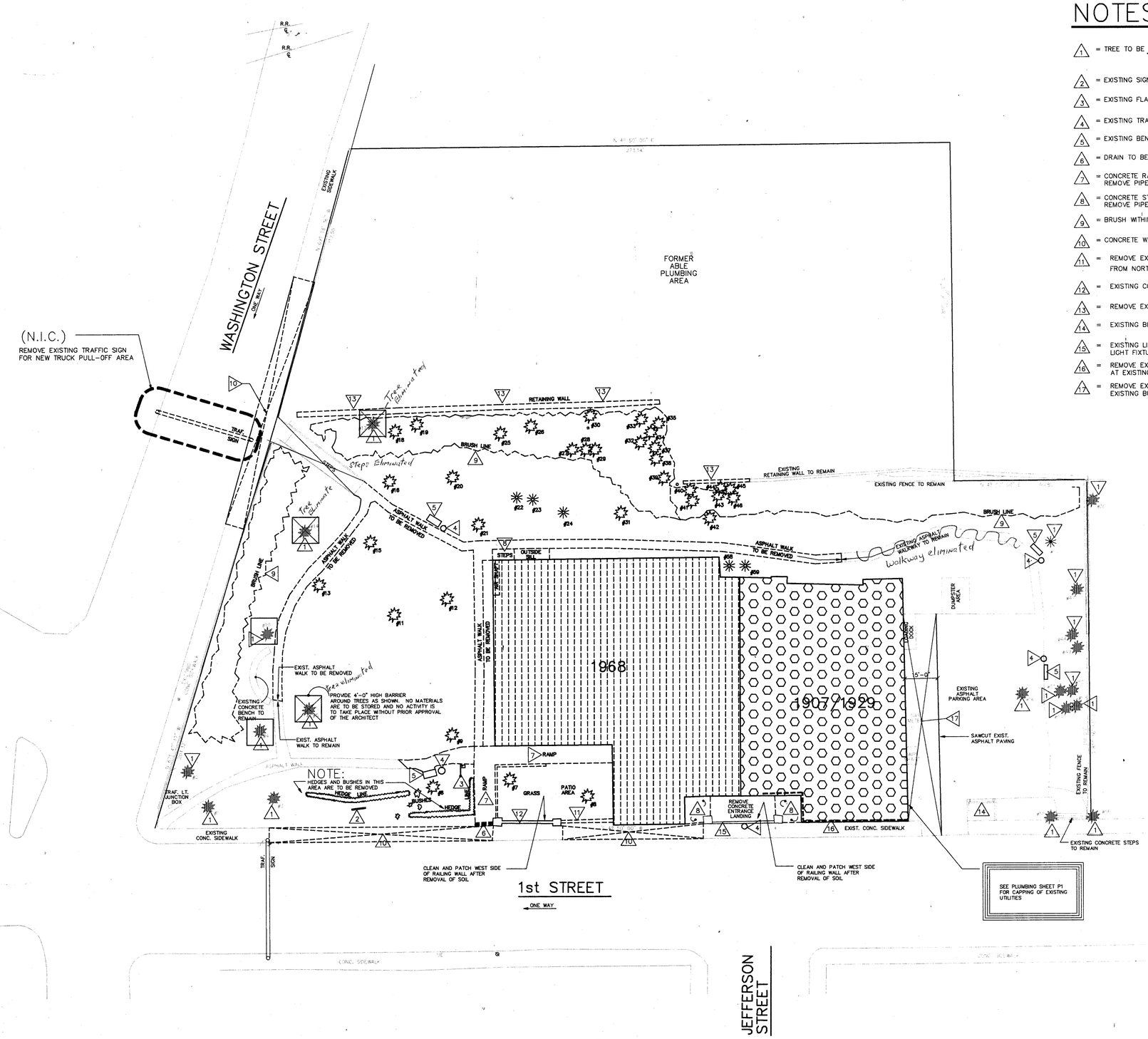
13 = REMOVE EXIST RETAINING WALL

14 = EXISTING BIKE RACK TO BE REMOVED AND RELOCATED

15 = EXISTING LIGHT FIXTURES AND CONC. RETAINING WALL BETWEEN THE TWO LIGHT FIXTURES – TO REMAIN

16 = REMOVE EXISTING CONCRETE BOLLARDS AT EXISTING ROOF PARAPET FOR RELOCATION

17 = REMOVE EXIST. ASPALT PAVING BETWEEN EXISTING BUILDING AND SAWCUT



1 SITE REMOVAL PLAN
1"=20'

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154
SITE REMOVAL PLAN
JUNE 1993
JPM

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A50 1"=20'-0"
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A1.1

SITE SURVEY

MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

SURVEYING SPECIALISTS OF CENTRAL WISCONSIN, INC.
220 SHERMAN STREET
WAUSAU, WISCONSIN 54401
(715) 842 – 4339
SURVEYED BY:GARY KRUEGER, R.L.S.
THOMAS A. RADENZ, R.L.S.
DRAWN BY:DANIEL D. DETERT
DATE: 3/8/93

I, GARY R. KRUEGER, REGISTERED LAND SURVEYOR, DO HEREBY CERTIFY: THAT I HAVE COMPLETED A SITE SURVEY AS SHOWN HEREON, AND DID SO BY THE ORDER OF MIKE MORRISSEY OF THE CITY OF WAUSAU. THE SURVEY WAS DONE FOR HSR ASSOCIATES INC. OF LACROSSE, WISCONSIN; AND UNDER SPECIFICATIONS SUPPLIED TO US BY BRAD SIMONSON. THAT ALL ELEVATION AND LOCATION WORK IS ACCURATE TO THE BEST OF MY KNOWLEDGE AND ABILITY.

SPECIAL NOTES :

THE ELEVATION WORK IS BASED ON AN ELEVATION SUPPLIED TO US BY THE CITY OF WAUSAU ENGINEERING DEPT.; AND IS THE TOP OF ARROW ON THE FIRE HYDRANT NEAR JEFFERSON STREET AND 1st STREET. ELEVATION OF 1209.99.

UNDERGROUND UTILITY LOCATIONS WERE OBTAINED FROM ACTUAL FIELD LOCATION AND/OR MAPPING FROM THE RESPECTIVE UTILITY COMPANIES. THEREFORE WE CAN NOT GUARANTEE THE LOCATION ON THIS SURVEY.

DIGGERS HOTLINE WAS NOTIFIED AND THE UTILITIES INVOLVED WERE AS FOLLOWS WITH DIRECT PHONE NUMBERS OF EACH GIVEN. GTE 1–800–487–1642; CROWN CABLE TV 1–715–845–4222; WISCONSIN PUBLIC SERVICE 1–715–842–2275; WISCONSIN FUEL & LIGHT 1–715–845–2141; ALSO INVOLVED IN LOCATION WERE CITY OF WAUSAU ELECTRICAL DEPT., WATER DEPT., SANITARY AND STORM SEWER DEPT.; ALL UTILITIES MUST BE NOTIFIED AND LOCATED AGAIN PRIOR TO ANY CONSTRUCTION.

ALL GAS LINES SHOULD BE 2" AND HAVE 40 PSI. ALL ELECTRICAL LINES GOING INTO THE EXISTING BUILDING ARE 3 PHASE AND 120/240 VOLTS.

THE AREA SHOWN AS "FORMER ABLE PLUMBING LOCATION," MAY HAVE NUMEROUS "DEAD" UTILITIES WITHIN IT, SUCH AS GAS, WATER LINES, SANITARY AND STORM SEWERS NOT SPECIFICALLY LOCATED.

THE UNDERGROUND WIRE SHOWN FROM LIGHT POLE TO LIGHT POLE ON THE PROPERTY IS ONLY GENERAL INFORMATION GIVEN TO US BY LIBRARY MAINTENANCE PERSONNEL, AND WAS NOT ACTUALLY LOCATED.

SUBJECT TO EASEMENTS : VOL. 403 PAGE 708
VOL. 129 PAGE 125

FLOOD PLANE ELEVATION – 1194.0

CATCH BASINS	FLOW LINE	INVERT	PIPE SIZE
CB 5	1190.75	N 1185.2 E 1186.0 W 1185.9	6" 12" 12"
CB 6	1190.92	S 1186.1 NW 1186.3	6" 6"
CB 8	1190.53	S 1188.1	12"
CB 9	1190.19	N 1187.3	12"
CB 10	1204.77	NW 1201.2	12"
CB 11	1204.35	SE 1200.0	12"
CB 12	1202.69	SE 1199.4	12"
CB 21	1206.79	N 1204.2 S 1203.9 E 1204.2	12" 12" 12"
CB 22	1206.42	W 1204.7	12"
CB 23	1206.38	W 1203.0	12"
CB 24	1206.37		
CB 25	1190.58		

SANITARY STORM	RIM ELEV.	INVERT	PIPE SIZE
MH 4	WATER SHUT OFF		–
MH 7	DEAD		–
MH 13	1203.60	NW 1198.1 NE 1195.3	12" 12"
MH 14	WATER SHUT OFF		
MH 15	1203.83	S 1197.4+ E 1197.4+	30"(PLAN) 27"(PLAN)
MH 16	1203.64	S 1196.0 E 1195.8 N 1195.7	12" 12" 12"
MH 18	1206.98	E 1202.8 S BLOCKED N 1202.9 NW 1202.6	12" 12" 12" 12"
MH 19	1207.26	S 1199.4 N 1199.4	12" 12"
MH 20	1207.10	1173.2+ NW 1199.0	21" (PLAN) 10"
MH 23	1207.28	W 1200.0 S 1199.8 E 1200.5 NE 1195.7	12" 12" 12" 12"
MH 24	WATER METER PIT		–

S&E 1197.4+– INVERT TAKEN @ ℄ OF MANHOLE
1173.2+– TO TOP OF CONC. ENCOMPASSING PIPE
NOTE : MH13 HAS A VERTICAL 12" PIPE AT THE BOTTOM OF THE HOLE GOING DOWN TO THE 72" STORM BELOW.

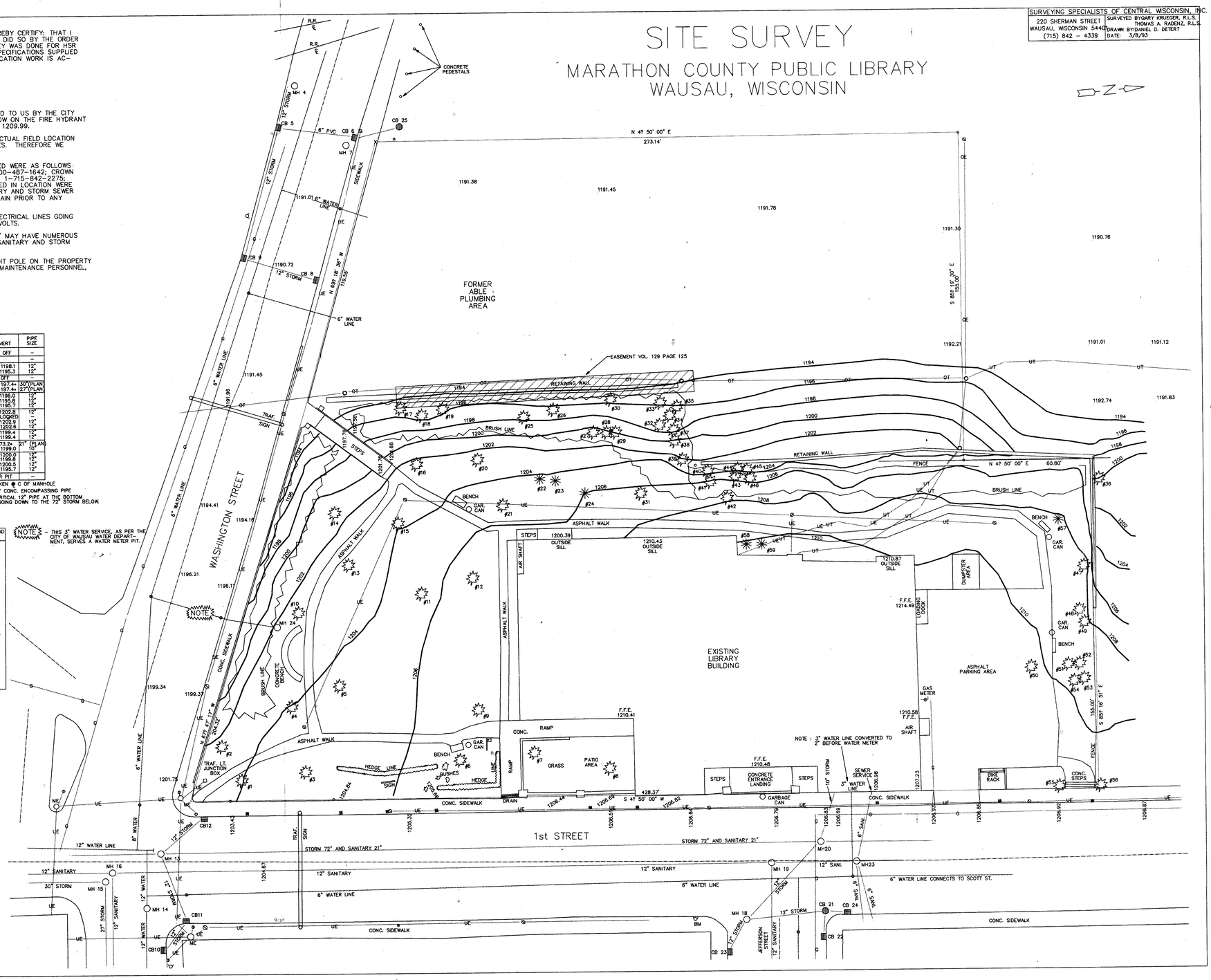
NOTE – THIS 3" WATER SERVICE, AS PER THE CITY OF WAUSAU WATER DEPARTMENT, SERVES A WATER METER PIT.

TREE NO.	TREE DIA.	SPECIES	SPREAD DIA.	TREE NO.	TREE DIA.	SPECIES	SPREAD DIA.
1	8"	UNKNOWN	15'	31	10"	UNKNOWN	25'
2	9"	UNKNOWN	15'	32	8"	UNKNOWN	15'
3	10"	UNKNOWN	20'	33	8"	BOX ELDER	20'
4	10"	UNKNOWN	15'	34	6"	UNKNOWN	10'
5	8"	UNKNOWN	30'	35	4"	UNKNOWN	15'
6	8"	UNKNOWN	20'	36		B. ELDER CLUSTER	
7	6"	UNKNOWN	25'	37	4"	UNKNOWN	10'
8	6"	UNKNOWN	25'	38	4"	UNKNOWN	10'
9	9"	UNKNOWN	20'	39	9"	BOX ELDER	20'
10	10"	UNKNOWN	20'	40	4"	CHERRY	15'
11	10"	UNKNOWN	30'	41	4"	CHERRY	15'
12	12"	UNKNOWN	30'	42	4"	BOX ELDER	20'
13	8"	APPLE	20'	43	4"	BOX ELDER	20'
14	8"	UNKNOWN	25'	44	4"	BOX ELDER	20'
15	12"	MAPLE	30'	45	4"	BOX ELDER	20'
16	12"	MAPLE	20'	46	4"	BOX ELDER	20'
17	12"	MAPLE	40'	47	28"	UNKNOWN	50'
18	10"	TWIN BOX ELDER	20'	48	3–6"	CHERRY CLUSTER	25'
19	12"	BOX ELDER	20'	49	6"	CHERRY	15'
20	17"	MAPLE	25'	50	36"	MAPLE	100'
21	10"	MAPLE	30'	51	11"	UNKNOWN	35'
22	8"	BALSAM	20'	52	6"	CHERRY	10'
23	8"	BALSAM	20'	53	6"	UNKNOWN	15'
24	10"	BALSAM	25'	54	4"	CHERRY	10'
25	8"	BOX ELDER	20'	55	36"	MAPLE	75'
26	10"	BOX ELDER	20'	56	36"	MAPLE	90'
27	8"	BOX ELDER	15'	57	6"	BALSAM	20'
28	14"	BOX ELDER	20'	58	6"	HEMLOCK	15'
29	6"	BOX ELDER	8'	59	6"	HEMLOCK	15'
30	7"	BOX ELDER	10'	60			

LEGEND

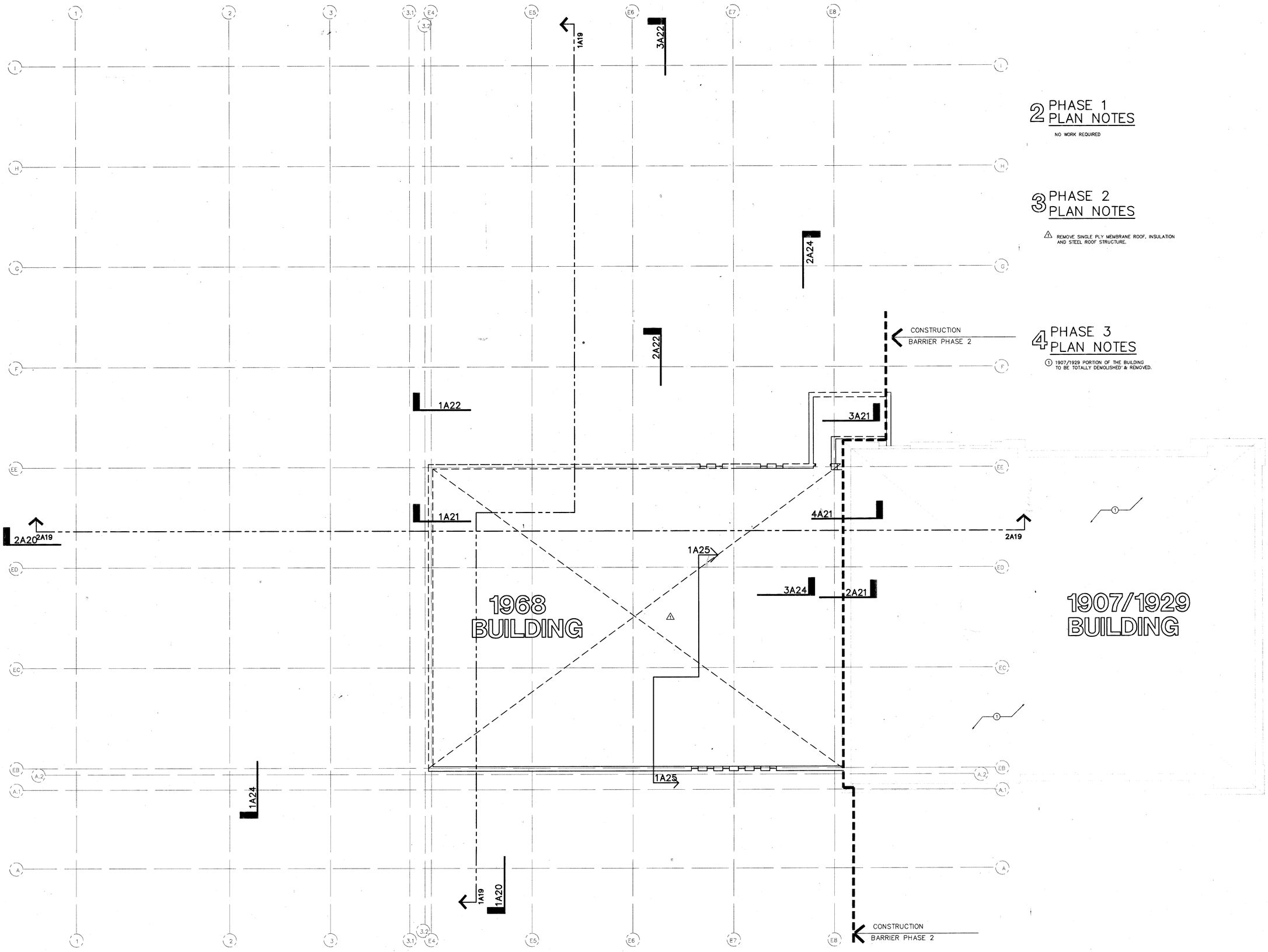
0 20
SCALE : 1" = 20'

- ℄ OF STREET
- WATER LINE (LABLED)
- UNDERGROUND GAS LINE
- UNDERGROUND TELEPHONE
- UNDERGROUND ELECTRIC
- OVERHEAD ELECTRIC
- OVERHEAD TELEPHONE
- LIGHT POLE
- PARKING METER
- POWER POLE
- TRAFFIC LIGHT
- CHISEL CROSS
- FOUND IRON BAR
- MH 11 – MANHOLES
- ME – MANHOLES ELECTRIC
- CB1 – CATCH BASIN
- WATERVALVE
- #1 – DECIDUOUS TREE
- #22 – CONIFEROUS TREE
- FIRE HYDRANT
- F.F.E. – FIRST FLOOR ELEVATION



FILE # 92154A1
LAST UPDATE
5 APRIL 1993

A1



2 PHASE 1 PLAN NOTES

NO WORK REQUIRED

3 PHASE 2 PLAN NOTES

⚠ REMOVE SINGLE PLY MEMBRANE ROOF, INSULATION AND STEEL ROOF STRUCTURE.

4 PHASE 3 PLAN NOTES

① 1907/1929 PORTION OF THE BUILDING TO BE TOTALLY DEMOLISHED & REMOVED.

1 ROOF DEMOLITION PLAN

1/8" = 1'-0"

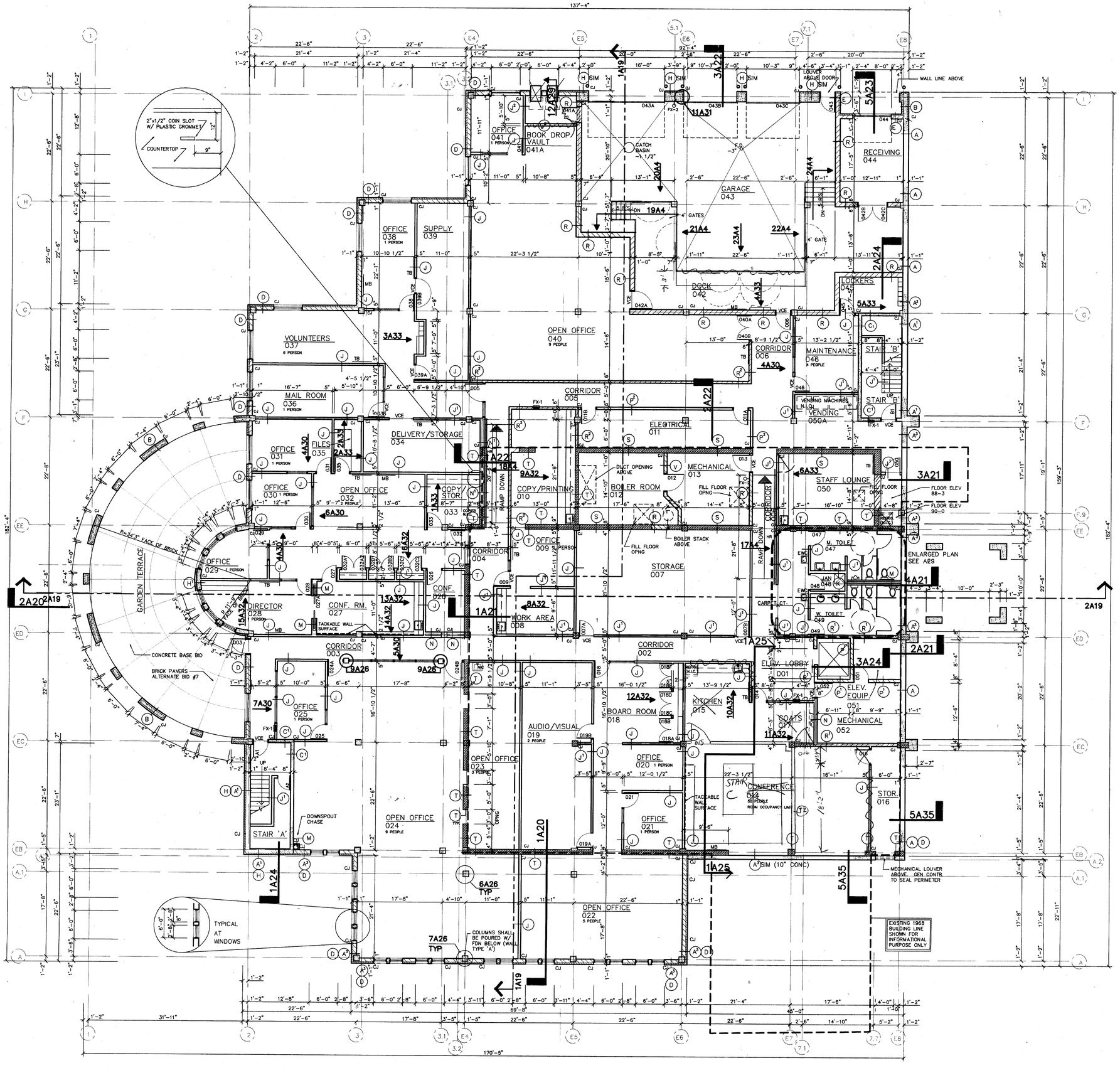
PROJECT: MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING: ROOF DEMOLITION PLAN
DATE: JUNE 1993
DRAWN BY: MLJ
REVISION:

FILE # 92154A10 1/8 scale
LAST UPDATE
6-16-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A10



1 BASEMENT FLOOR PLAN
1/8" = 1'-0"

GENERAL NOTES:

(A) — SYMBOL INDICATES WALL TYPE – SEE SHEET A26 FOR DETAILS

(A) SYMBOL INDICATES WDO TYPE – SEE SHEET A30 FOR ELEVATIONS.

ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT OF STRUCT. ABOVE UNLESS OTHERWISE INDICATED.

VERIFY SIZE AND LOCATIONS OF ALL MECH. WALL OPENINGS GEN. CONTR. TO SEAL LOUVER PERIMETER AND PAINT – TYP.

FIELD VERIFY EXISTING BLD'G DIMENSIONS REQUIRED FOR NEW CONSTRUCTION PRIOR TO ANY FABRICATION.

PROVIDE VERTICAL C.J'S FULL HEIGHT OF WALL AT BOTH JAMBS OF ALL INTERIOR DOOR FRAMES AT ALL MAS. AND GYP. BD./MTL. STUD PARTITIONS – TYPICAL – OTHER C.J. LOCATIONS AS INDICATED ON PLANS.

SEE SHEET A29 FOR LARGE SCALE TOILET ROOM PLANS.

GEN. CONTR. TO PROVIDE CONC. EQUIP. PADS/CURBS AS REQ'D FOR MECH/ELECTRICAL EQUIP. – VERIFY SIZE/PROFILE/LOCATIONS WITH MECH/ELECTRICAL.

GEN. CONTR. TO PROVIDE WOOD BLK'G BETWEEN MTL. STUDS AS REQ'D FOR CASEWORK/HANDRAIL/TOILET ACCESSORIES/ETC. MOUNTING.

MB = MARKER BOARD
TB = TACK BOARD
ALL MARKER AND TACK BOARDS ARE 4'x4' W/ TOP MOUNTED AT 7'-0"

BASEMENT–BUILDING OCCUPANCY

50 STAFF
0 PATRONS
50 TOTAL

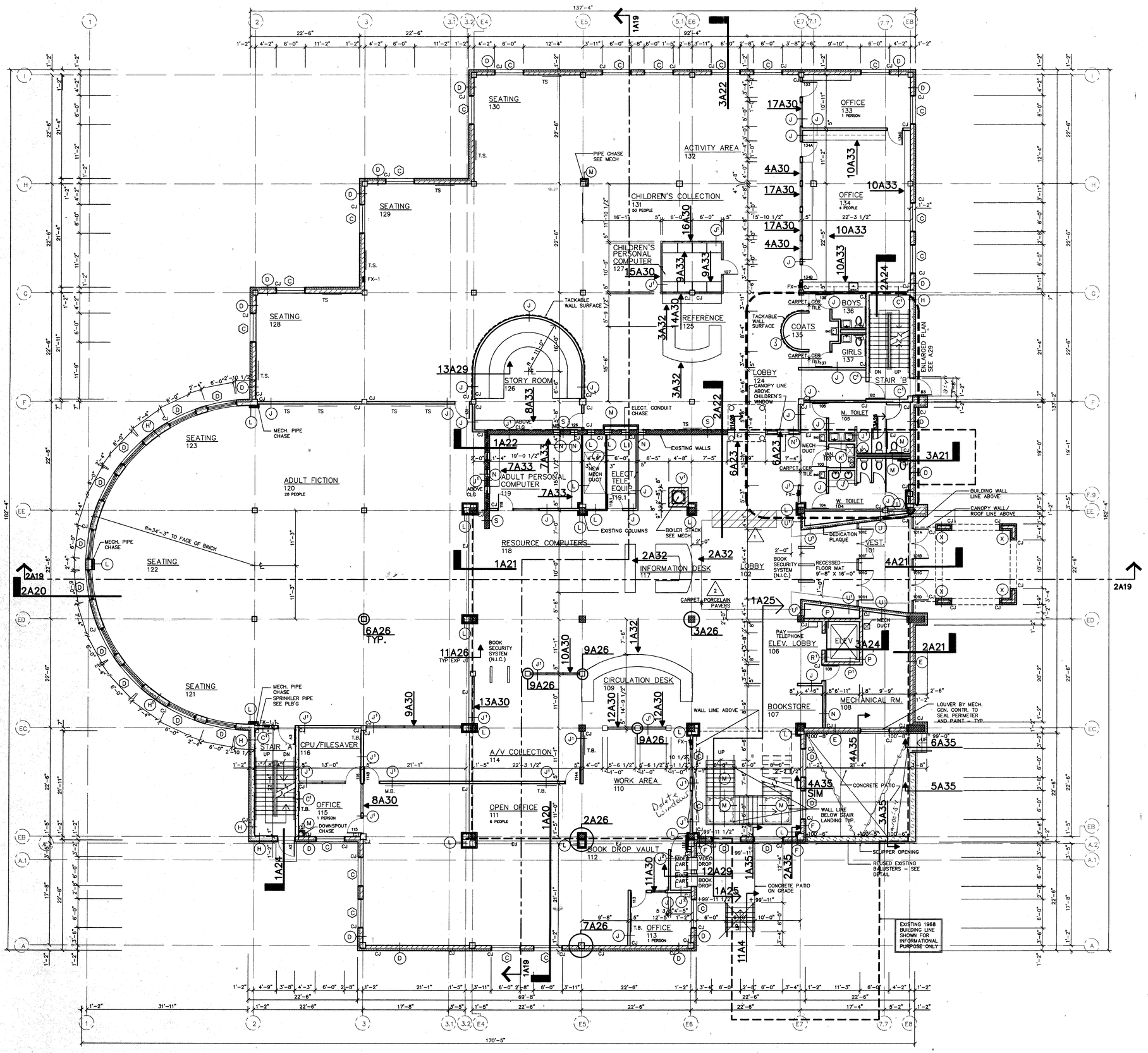
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING BASEMENT FLOOR PLAN
DATE JUNE 1993
DRAWN BY BBS
REVISION

FILE # 92154A11
LAST UPDATE 6-21-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A11



GENERAL NOTES:
(A) SYMBOL INDICATES WALL TYPE – SEE SHEET A26 FOR DETAILS
(A) SYMBOL INDICATES WDO TYPE – SEE SHEET A30 FOR ELEVATIONS.
ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT OF STRUCT. ABOVE UNLESS OTHERWISE INDICATED.
VERIFY SIZE AND LOCATIONS OF ALL MECH. WALL OPENINGS GEN. CONTR. TO SEAL LOUVER PERIMETER AND PAINT – TYP.
FIELD VERIFY EXISTING BLD'G DIMENSIONS REQUIRED FOR NEW CONSTRUCTION PRIOR TO ANY FABRICATION.
PROVIDE VERTICAL C.J'S FULL HEIGHT OF WALL AT BOTH JAMBS OF ALL INTERIOR DOOR FRAMES AT ALL MAS. AND GYP. BD./MTL. STUD PARTITIONS – TYPICAL – OTHER C.J. LOCATIONS AS INDICATED ON PLANS.
SEE SHEET A29 FOR LARGE SCALE TOILET ROOM PLANS.
GEN. CONTR. TO PROVIDE CONC. EQUIP. PADS/CURBS AS REQ'D FOR MECH/ELECTRICAL EQUIP. – VERIFY SIZE/PROFILE/LOCATIONS WITH MECH/ELECTRICAL.
GEN. CONTR. TO PROVIDE WOOD BLK'G BETWEEN MTL. STUDS AS REQ'D FOR CASEWORK/HANDRAIL/TOILET ACCESSORIES/ETC. MOUNTING.
T.B. = 4'-0" X4'-0" TACKBOARD – MOUNT TOP AT 7'-0" A.F.F.
M.B. = 4'-0" X4'-0" MARKERBOARD – MOUNT TOP AT 7'-0" A.F.F.
T.S. = 8'-0" LONG TACKSTRIP – MOUNT TOP AT 7'-0" A.F.F.
EJ AT WALLS SIM TO 11A26

MISC. NOTES:
(1) FILL EXISTING FLOOR SLAB OPN'G – SEE STRUCT. FOR DETAIL
(2) PORCELAIN PAVERS BASE BID – ADD ALTERNATE #6 TO BE MARATHON COUNTY RED GRANITE.

FIRST FLOOR OCCUPANCY	
13	STAFF
70	PATRONS
83	TOTAL

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

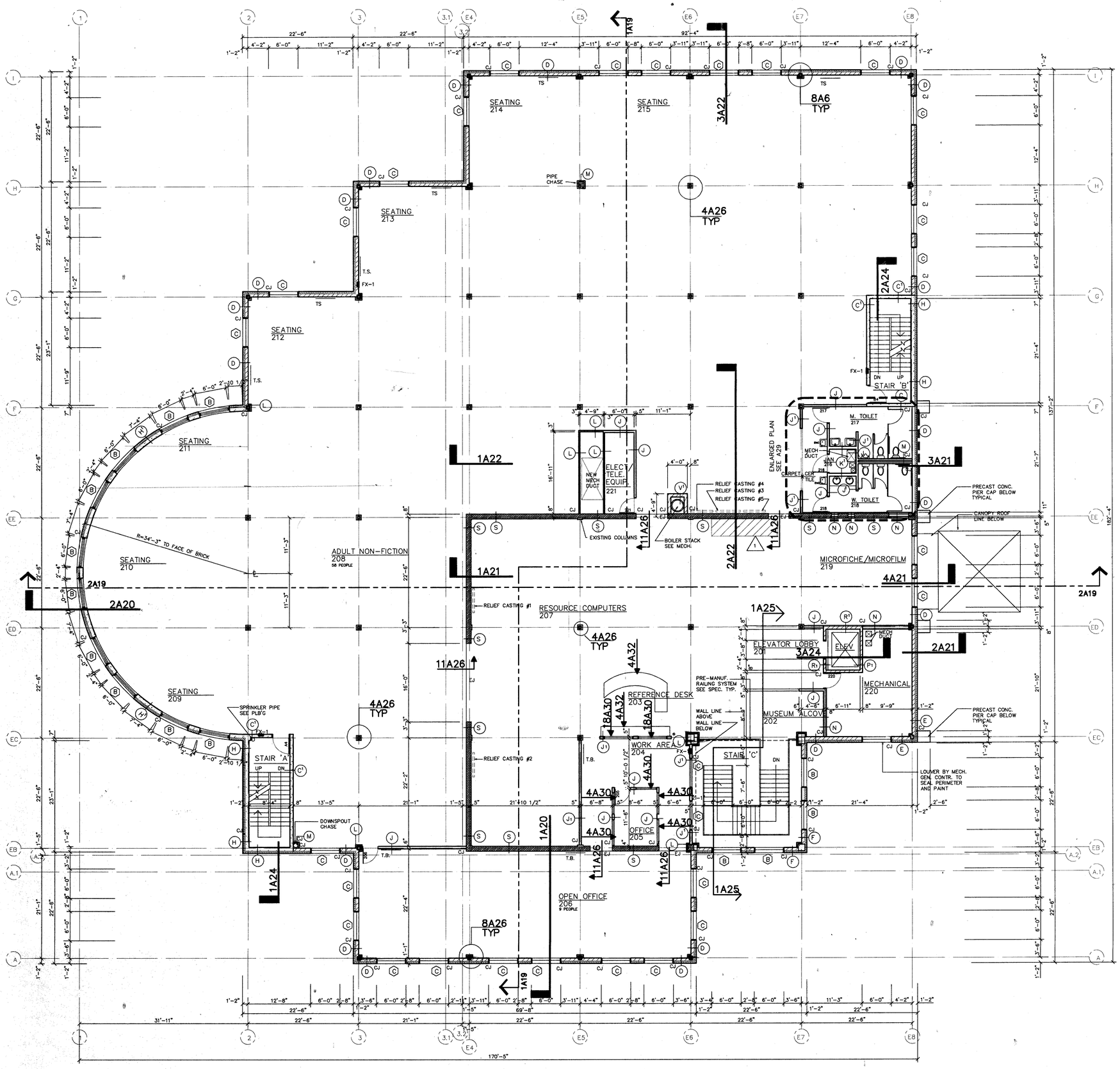
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING FIRST FLOOR PLAN
DATE JUNE 1993
DRAWN BY M. JOHNSON & B. SIMONSON
REVISION

FILE # 92154A12
LAST UPDATE 6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A12



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

GENERAL NOTES:

(A)	SYMBOL INDICATES WALL TYPE – SEE SHEET A26 FOR DETAILS
(A)	SYMBOL INDICATES WDO TYPE – SEE SHEET A30 FOR ELEVATIONS.
	ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT OF STRUCT. ABOVE UNLESS OTHERWISE INDICATED.
	VERIFY SIZE AND LOCATIONS OF ALL MECH. WALL OPENINGS GEN. CONTR. TO SEAL LOUVER PERIMETER AND PAINT – TYP.
	FIELD VERIFY EXISTING BLD'G DIMENSIONS REQUIRED FOR NEW CONSTRUCTION PRIOR TO ANY FABRICATION.
	PROVIDE VERTICAL C.J'S FULL HEIGHT OF WALL AT BOTH JAMBS OF ALL INTERIOR DOOR FRAMES AT ALL MAS. AND GYP. BD./MTL. STUD PARTITIONS – TYPICAL – OTHER C.J. LOCATIONS AS INDICATED ON PLANS.
	SEE SHEET A29 FOR LARGE SCALE TOILET ROOM PLANS.
	GEN. CONTR. TO PROVIDE CONC. EQUIP. PADS/CURBS AS REQ'D FOR MECH/ELECTRICAL EQUIP. – VERIFY SIZE/PROFILE/LOCATIONS WITH MECH/ELECTRICAL.
	GEN. CONTR. TO PROVIDE WOOD BLK'G BETWEEN MTL. STUDS AS REQ'D FOR CASEWORK/HANDRAIL/TOILET ACCESSORIES/ETC. MOUNTING.
	T.B. = 4'-0" X4'-0" TACKBOARD – MOUNT TOP AT 7'-0" A.F.F.
	M.B. = 4'-0" X4'-0" MARKERBOARD – MOUNT TOP AT 7'-0" A.F.F.
	T.S. = 8'-0" X4'-0" TACKSTRIP – MOUNT TOP AT 7'-0" A.F.F.

MISC. NOTES:

1	FILL EXISTING FLOOR SLAB OPN'G – SEE STRUCT. FOR DETAIL

SECOND FLOOR OCCUPANCY
9 STAFF
58 PATRONS
67 TOTAL

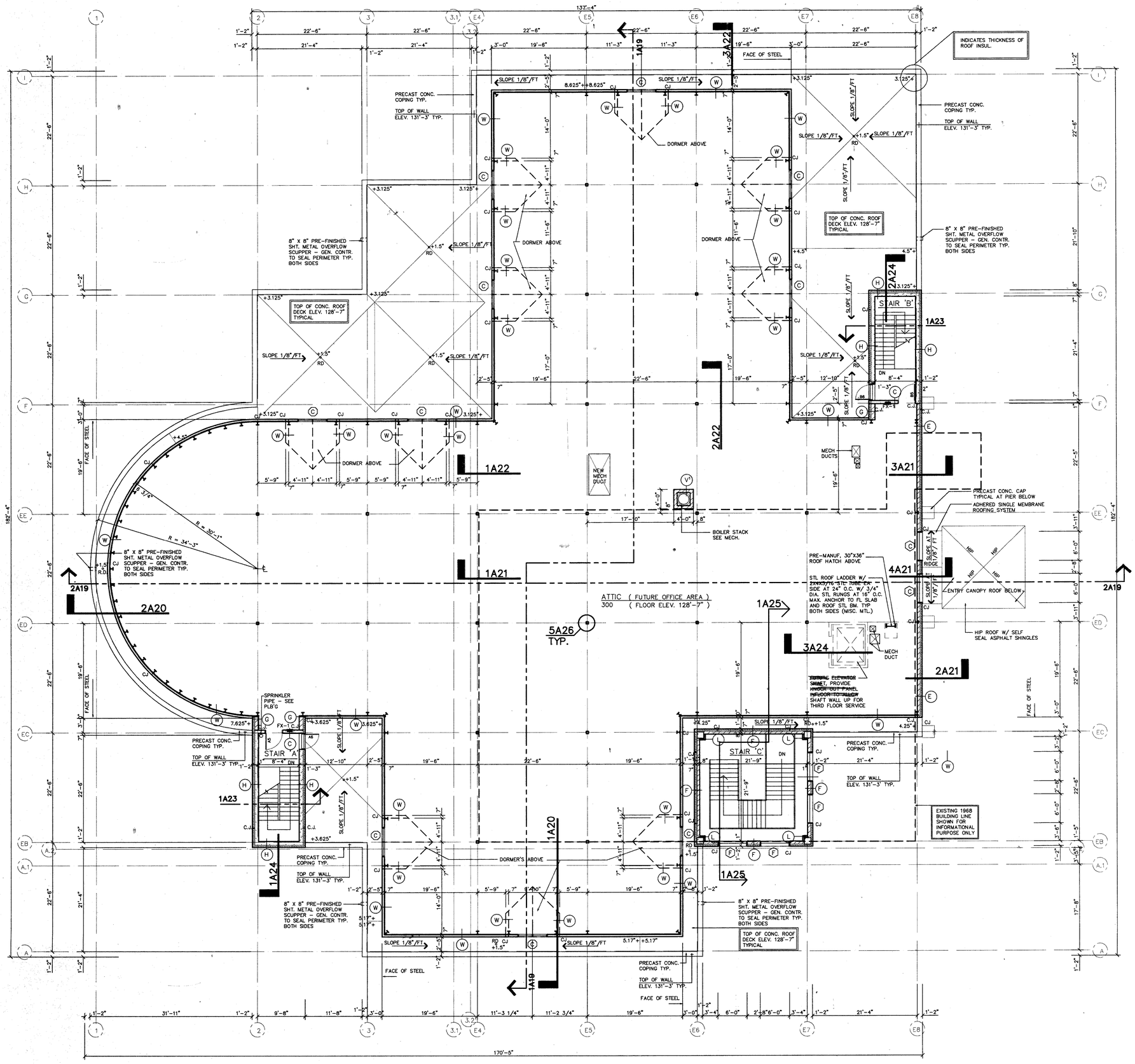
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING SECOND FLOOR PLAN
DATE JUNE 1993
DRAWN BY M. JOHNSON & B. SIMONSON
REVISION

FILE # 92154A13 1/8 scale
LAST UPDATE 6-21-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A13



GENERAL NOTES:

(A)	SYMBOL INDICATES WALL TYPE - SEE SHEET A26 FOR DETAILS
(A)	SYMBOL INDICATES WDO TYPE - SEE SHEET A30 FOR ELEVATIONS.
	ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT OF STRUCT. ABOVE UNLESS OTHERWISE INDICATED.
	VERIFY SIZE AND LOCATIONS OF ALL MECH. WALL/FLOOR OPN'GS GEN. CONTR. TO SEAL LOUVER PERIMETER AND PAINT - TYP.
	FIELD VERIFY EXISTING BLD'G DIMENSIONS REQUIRED FOR NEW CONSTRUCTION PRIOR TO ANY FABRICATION.
	PROVIDE VERTICAL C.J'S FULL HEIGHT OF WALL AT BOTH JAMBS OF ALL INTERIOR DOOR FRAMES AT ALL MAS. AND GYP. BD./MTL. STUD PARTITIONS - TYPICAL - OTHER C.J. LOCATIONS AS INDICATED ON PLANS.

TYPICAL ROOF NOTES:

ALL NEW FLAT ROOF AREAS ARE TO BE ADHERED SINGLE MENBRANE ROOFING SYSTEM WITH TAPERED ROOF INSUL. (R=5.65/INCH) OVER CONC. DECK ROOF INSULATION THICKNESS AS SHOWN ON PLAN
VERIFY LOCATION AND SIZE OF ALL MECHANICAL OPENINGS WITH HVC AND PLB'G. MECH. CONTR. TO PROVIDE PRE-MANUF. ROOF EQUIP. CURBS TYPICAL.

1 THIRD FLOOR PLAN
1/8" = 1'-0"

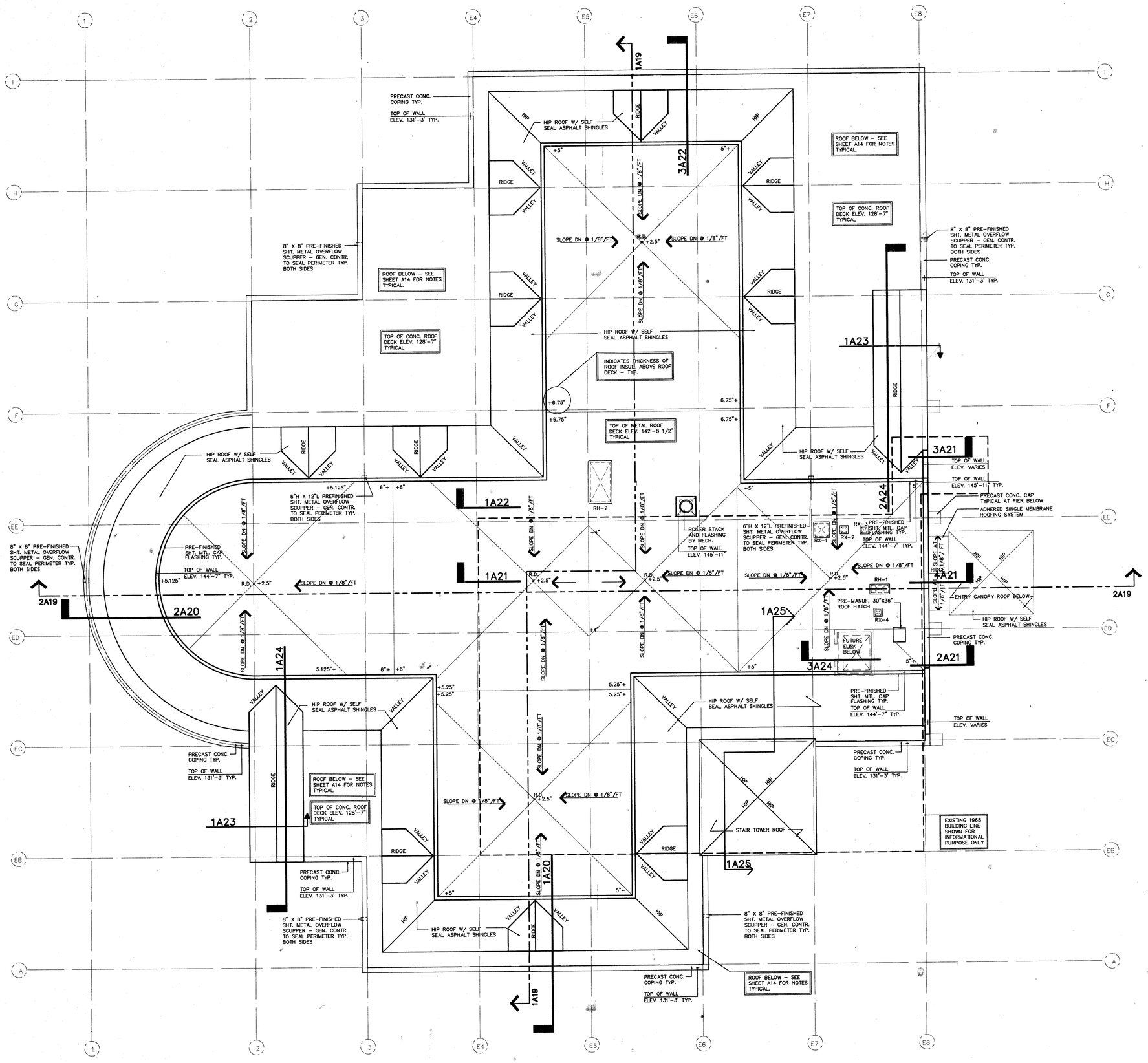
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELUNG
WAUSAU, WISCONSIN
L920154
THIRD FLOOR PLAN
JUNE 1993
MLJ

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A14 1/8 scale
LAST UPDATE
18 JUNE 1993

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A14



TYPICAL ROOF NOTES:

ALL NEW FLAT ROOF AREAS ARE TO BE ADHERED SINGLE MEMBRANE ROOFING SYSTEM WITH TAPERED ROOF INSUL. (R=5.65/INCH) OVER ROOF DECK. - ROOF INSULATION THICKNESS AS SHOWN ON PLAN

VERIFY LOCATION AND SIZE OF ALL MECHANICAL OPENINGS WITH HVC AND PLB'G. MECH. CONTR. TO PROVIDE PRE-MANUF. ROOF EQUIP. CURBS TYPICAL.

ALL HIP ROOF AREAS TO BE SELF-SEAL ASPHALT SHINGLES - SEE DETAILS .

SEE WALL SECTIONS AND SHEET A36 FOR ROOF DETAILS.

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

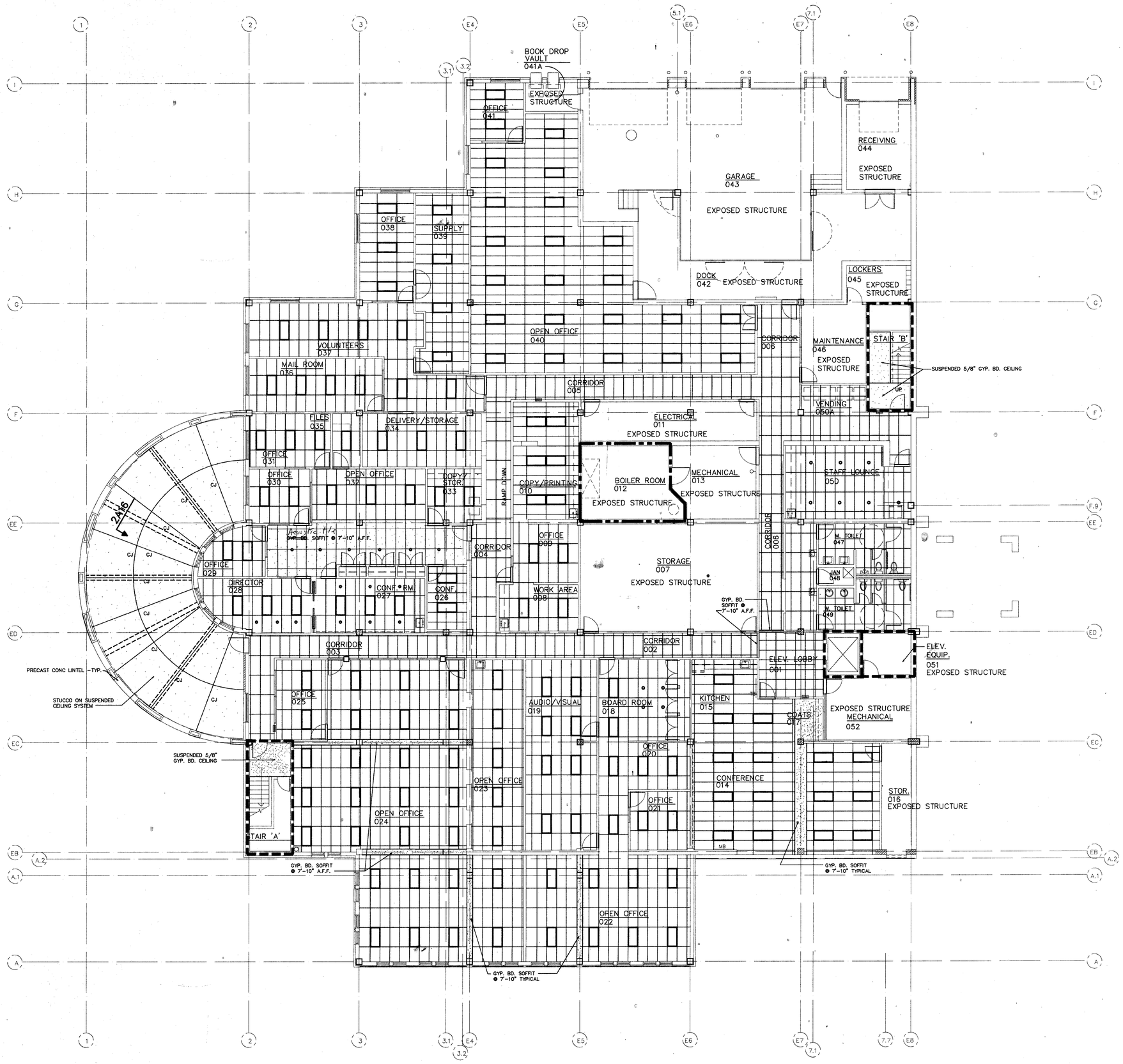
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING ROOF PLAN
DATE JUNE 1993
DRAWN BY MLJ
REVISION

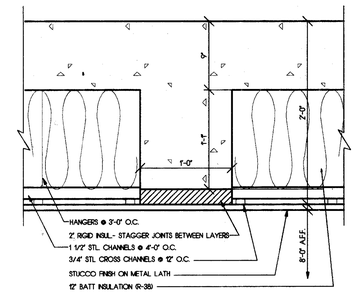
FILE # 92154A15 1/8 scale
LAST UPDATE 6-10-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A15



1 BASEMENT REFLECTED CEILING PLAN
1/8" = 1'-0"



2 SECTION @ GARDEN TERRACE CEILING
1 1/2"

GENERAL NOTES

1. ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT. OF STRUCT. ABOVE UNLESS OTHERWISE NOTED.

2. SEE MECH. FOR CLG. ACCESS PANEL LOCATIONS & SIZES.

3. SEE MECHANICAL FOR ALL CLG. GRILLE LOCATIONS AND SIZES.

4. VERIFY ALL FIXTURE TYPES & LOCATIONS W/ELECTRICAL.

5. SEE ELECTRICAL FOR ALL SPEAKER BOXES AND WALL HUNG FIXTURES.

SYMBOL KEY

LIGHT FIXTURES- SEE ELECTRICAL DRAWINGS FOR TYPES.

SLOT AIR DIFFUSER- SEE MECH. FOR SIZE & VERIFY LOCATIONS.

AIR DIFFUSER- SEE MECH. FOR SIZE & LOCATIONS.

SPEAKER- CENTER IN CLG. PANEL, SEE ELECTRICAL

1 HOUR SEPARATION

4 HOUR SEPARATION

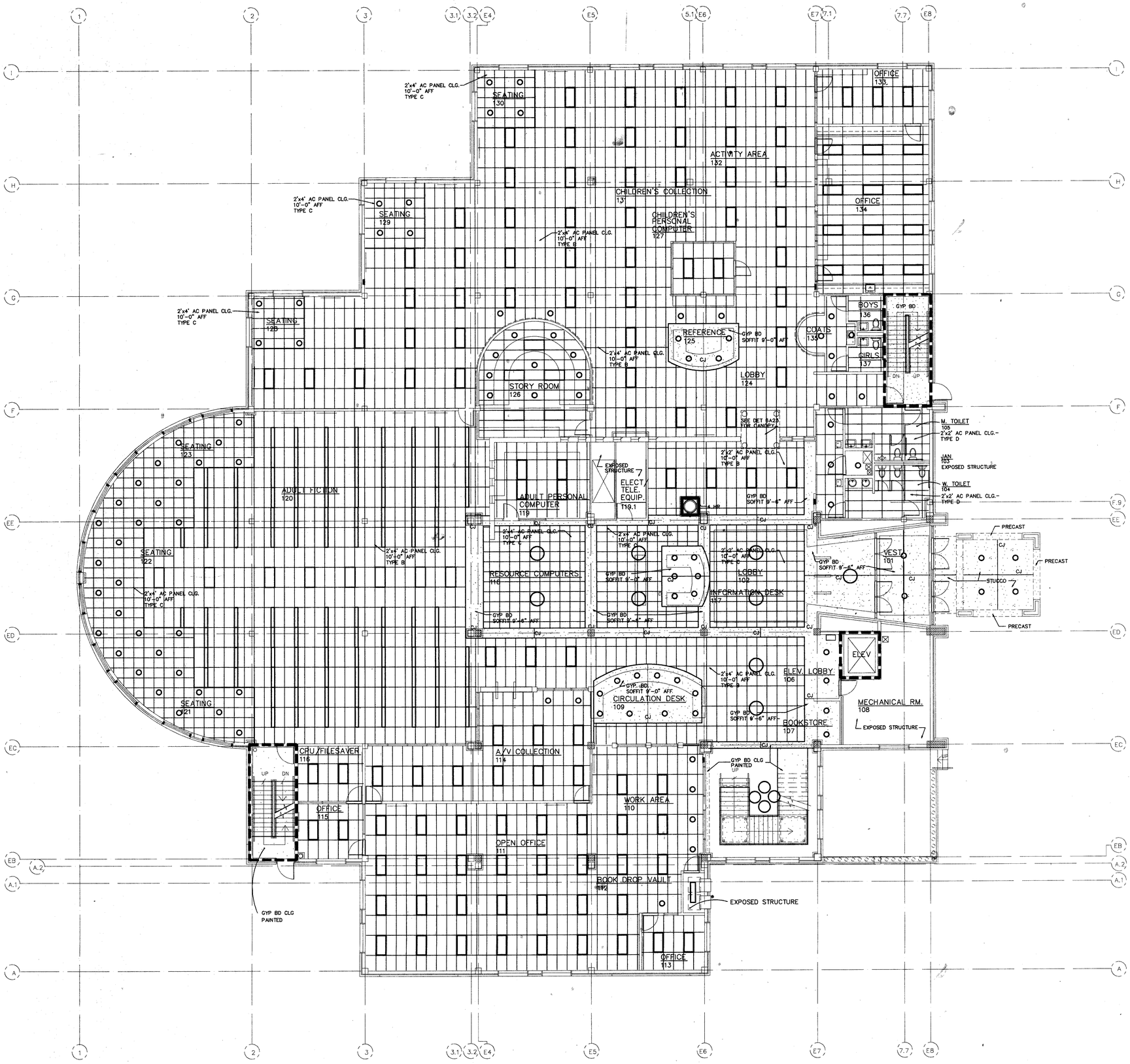
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING BASEMENT REFLECTED CEILING PLAN
DATE JUNE 1993
DRAWN BY JPM,DOH,BBS
REVISION

FILE # 92154A16 1/8 SCALE
LAST UPDATE 6-17-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A16



1 FIRST FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"

GENERAL NOTES

1. ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT. OF STRUCT. ABOVE UNLESS OTHERWISE NOTED.

2. SEE MECH. FOR CLG. ACCESS PANEL LOCATIONS & SIZES.

3. SEE MECHANICAL FOR ALL CLG GRILLE LOCATIONS & SIZES

4. VERIFY ALL FIXTURE TYPES & LOCATIONS W/ELECTRICAL.

5. SEE ELECTRICAL FOR ALL SPEAKER BOXES AND WALL HUNG FIXTURES

SYMBOL KEY

LIGHT FIXTURES– SEE ELECTRICAL DRAWINGS FOR TYPES.

SLOT AIR DIFFUSER– SEE MECH. FOR SIZE & VERIFY LOCATIONS.

AIR DIFFUSER– SEE MECH. FOR SIZE & LOCATIONS.

SPEAKER– CENTER IN CLG. PANEL, SEE ELECTRICAL

1 HOUR SEPARATION

4 HOUR SEPARATION

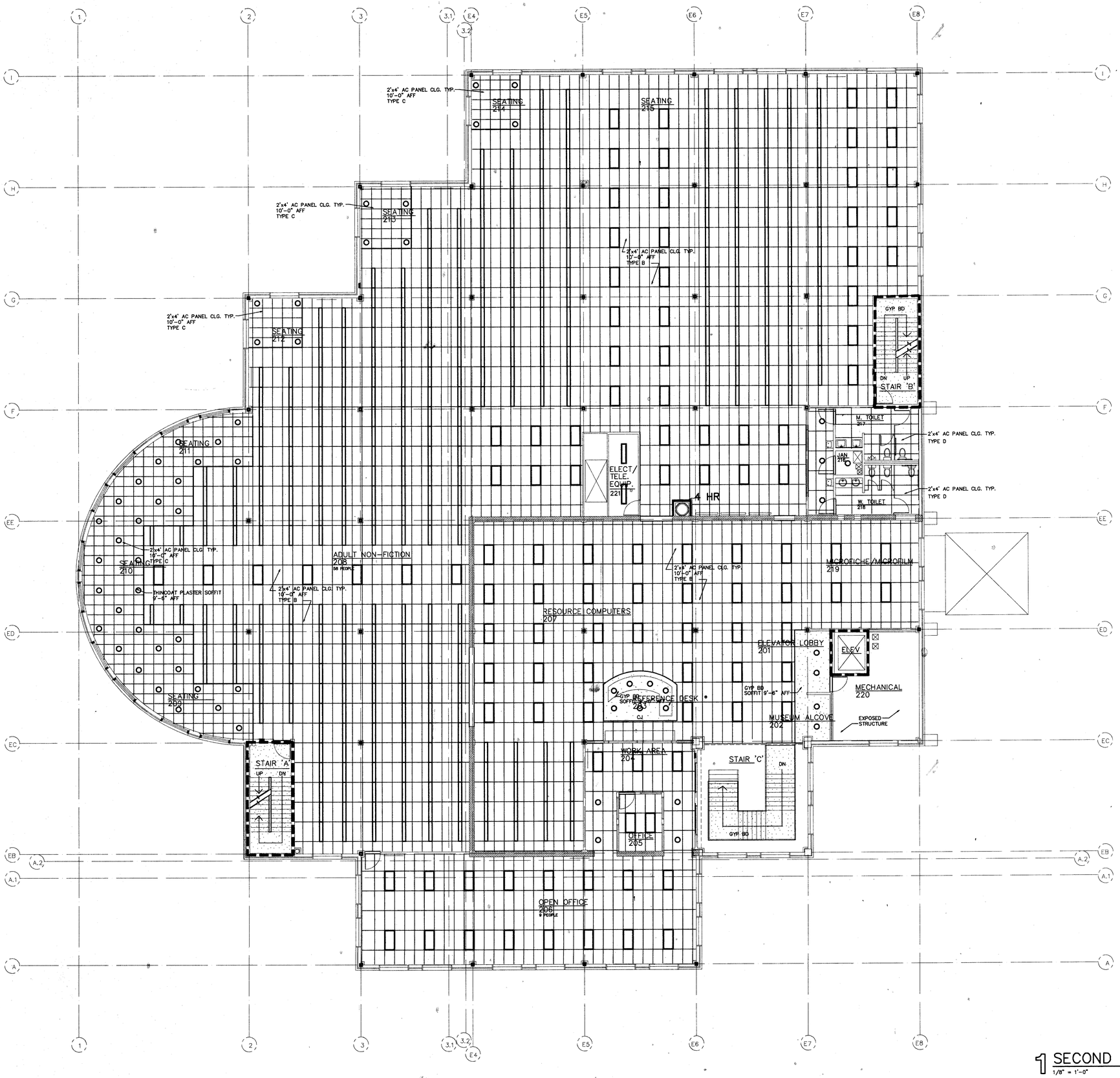
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING FIRST FLOOR REFLECTED CEILING PLAN
DATE JUNE 1993
DRAWN BY M. JOHNSON & B. SIMONSON
REVISION

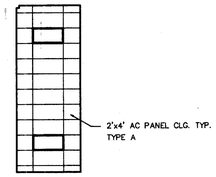
FILE A17
LAST 6-17

ENGINEERS, INC
LA CROSSE AND MADISON WI

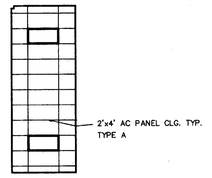
A17



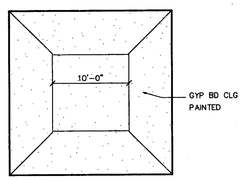
1 SECOND FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



2 3RD FL STAIR A RCP
1/8" = 1'-0"



3 3RD FL STAIR B RCP
1/8" = 1'-0"



4 3RD FL STAIR C RCP
1/8" = 1'-0"

GENERAL NOTES

1. ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT. OF STRUCT. ABOVE UNLESS OTHERWISE NOTED.

2. SEE MECH. FOR CLG. ACCESS PANEL LOCATIONS & SIZES.

3. VERIFY ALL CLG. GRILLE LOCATIONS & SIZES W/ MECH.

4. VERIFY ALL FIXTURE TYPES & LOCATIONS W/ELECTRICAL.

SYMBOL KEY

LIGHT FIXTURES– SEE ELECTRICAL DRAWINGS FOR TYPES.

SLOT AIR DIFFUSER– SEE MECH. FOR SIZE & VERIFY LOCATIONS.

AIR DIFFUSER– SEE MECH. FOR SIZE & LOCATIONS.

SPEAKER– CENTER IN CLG. PANEL, SEE ELECTRICAL

1 HOUR FIRE SEPARATION

4 HOUR FIRE SEPARATION

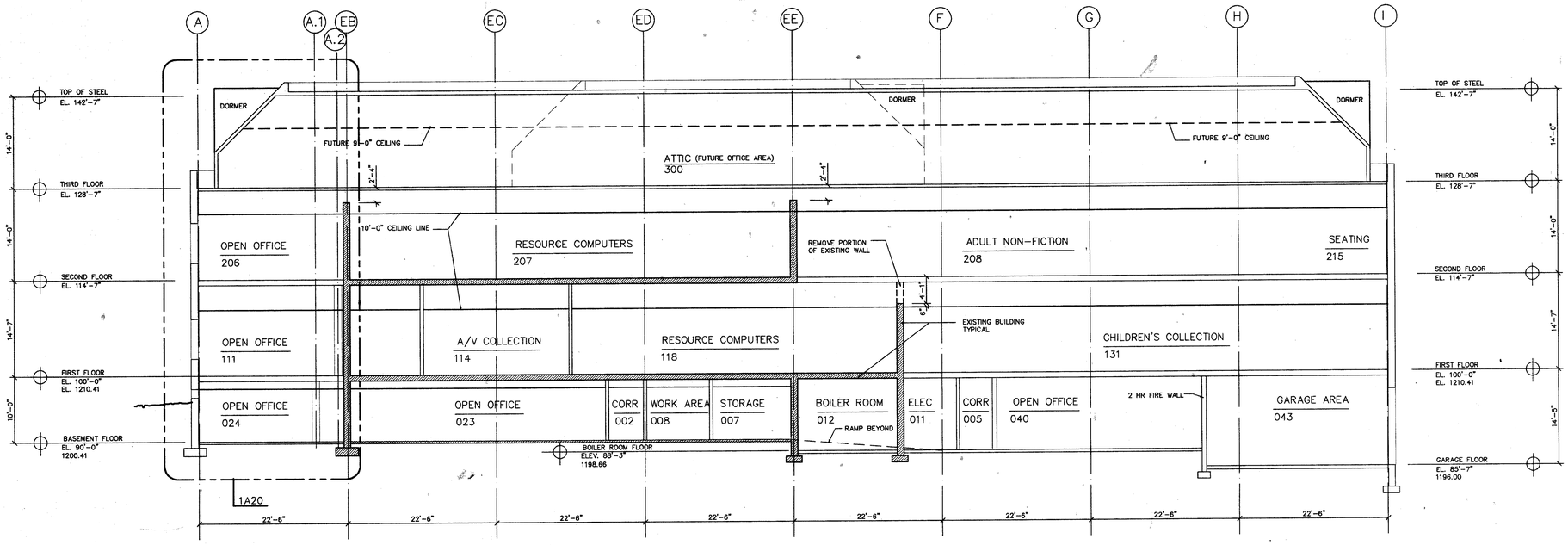
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING SECOND FLOOR REFLECTED CEILING PLAN
DATE JUNE 1993
DRAWN BY M. JOHNSON & B. SIMONSON
REVISION

FILE # 92154A18
LAST UPDATE
6-17-93

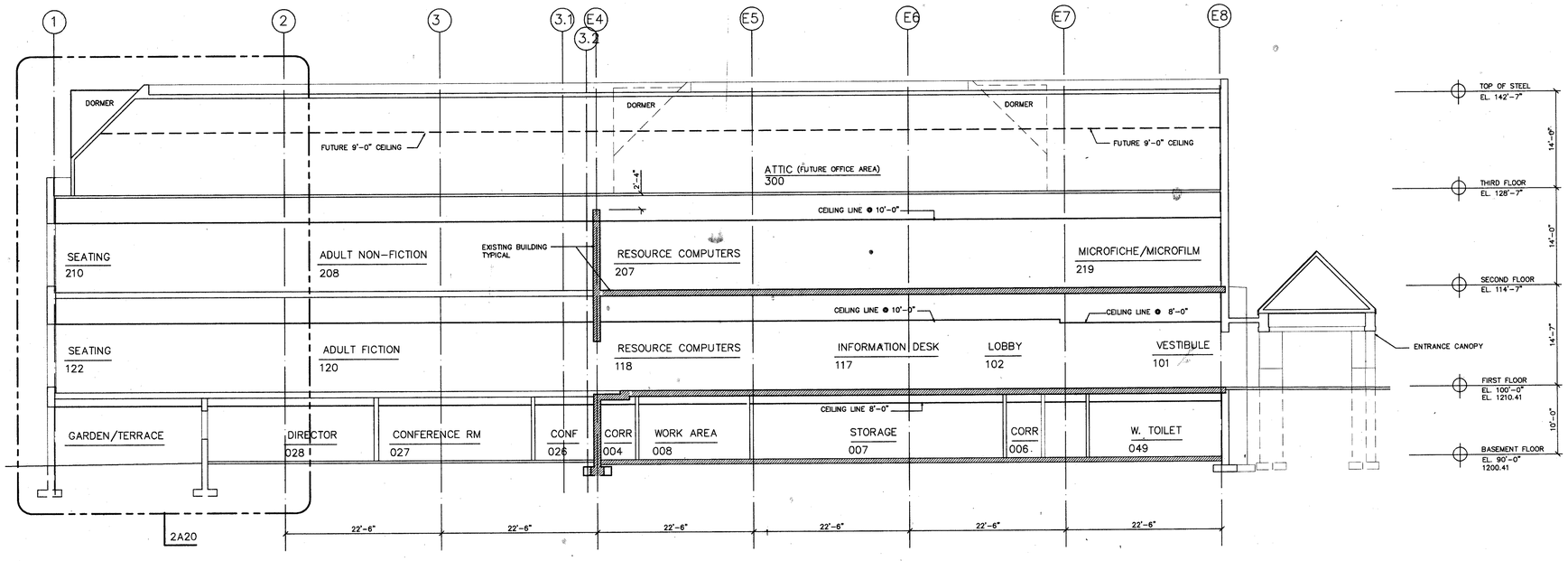
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A18



1 BUILDING SECTION

1/8" = 1'-0"



2 BUILDING SECTION

1/8" = 1'-0"

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154
BUILDING SECTIONS
JUNE 1993
MLJ

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A19 1/8 SCALE
LAST UPDATE
6-15-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

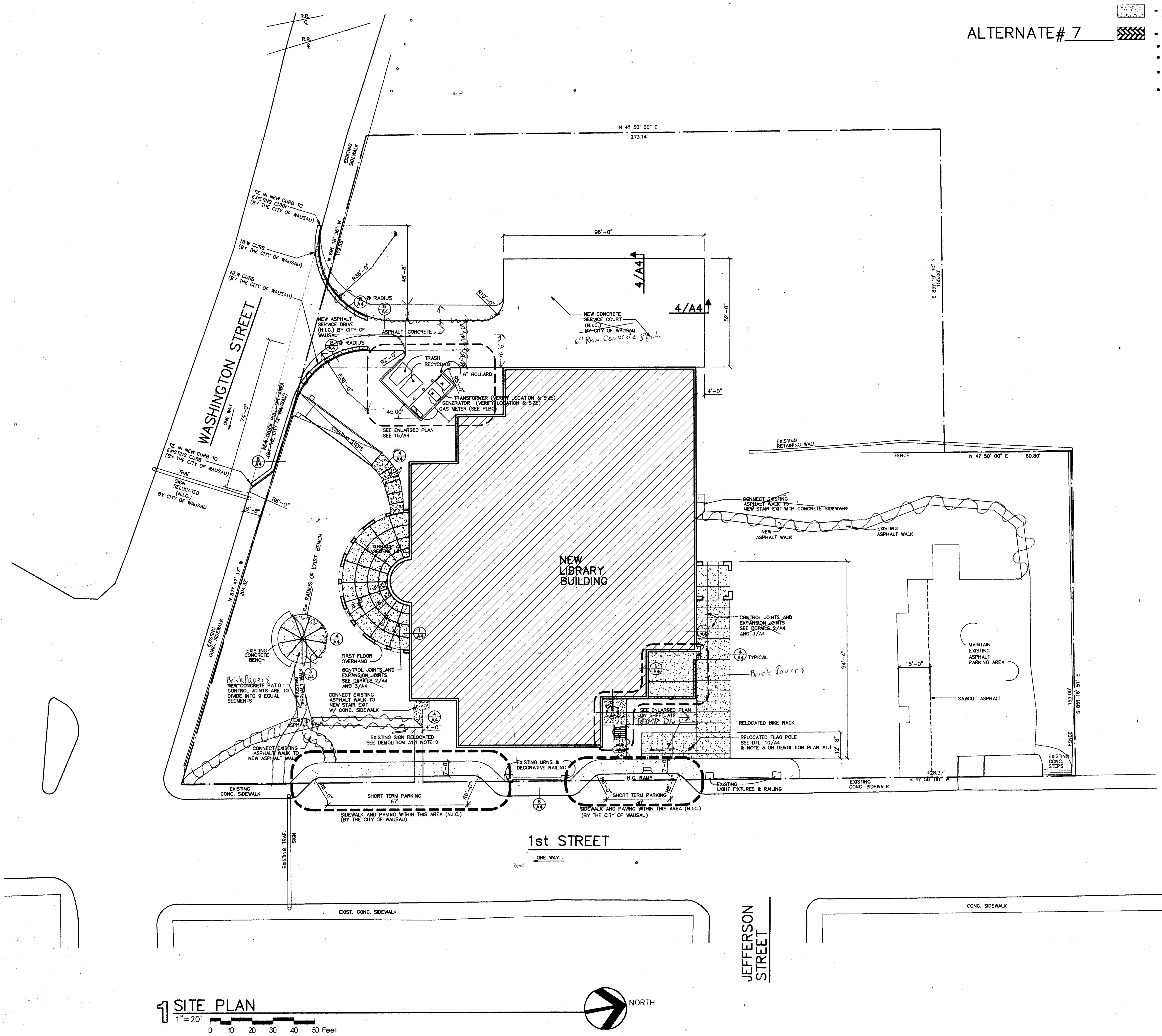
A19

NOTES:

- = NEW ASPHALT PAVING
- = NEW CONCRETE SURFACE. SEE DETAILS 2/A4 & 3/A4 FOR CONTROL JOINTS AND EXPANSION JOINTS

ALTERNATE# 7 = PROVIDE BRICK PAVERS IN PLACE OF CONCRETE SURFACES AS INDICATED ON PLAN

- USE HANOVER ARCHITECTURAL PRODUCTS INC. OR EQUAL.
- USE APPIAN 6x9 PATTERN @ MAIN ENTRY WALKWAY AND PATIO, BOOK DROP, BIKE RACK, AND SERVICE COURT.
- USE APPIAN CIRCLE AND MIXED PATTERN @ GARDEN TERRACE AND AT CIRCULAR CONCRETE BENCH PATIO.
- USE RED/CHARCOAL BLEND FOR COLOR SELECTION.



1 SITE PLAN
1"=20'
0 10 20 30 40 50 Feet

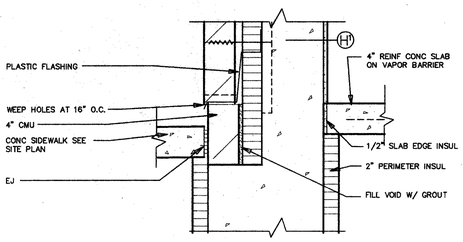
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR 920154

DRAWING SITE PLAN
DATE JUNE 1993
DRAWN BY D. RAMSEY ,JPM
REVISION

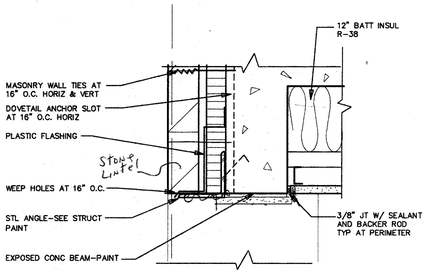
FILE # 92154A2
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

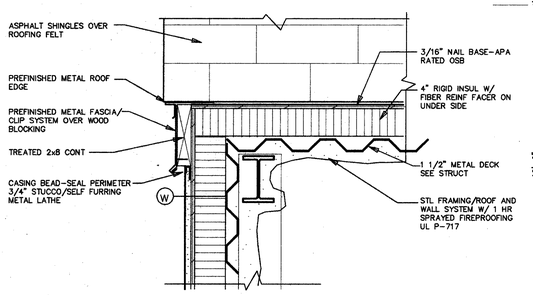
A2



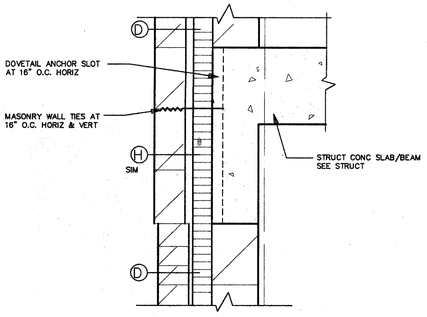
6 WALL/FLOOR DET
1 1/2



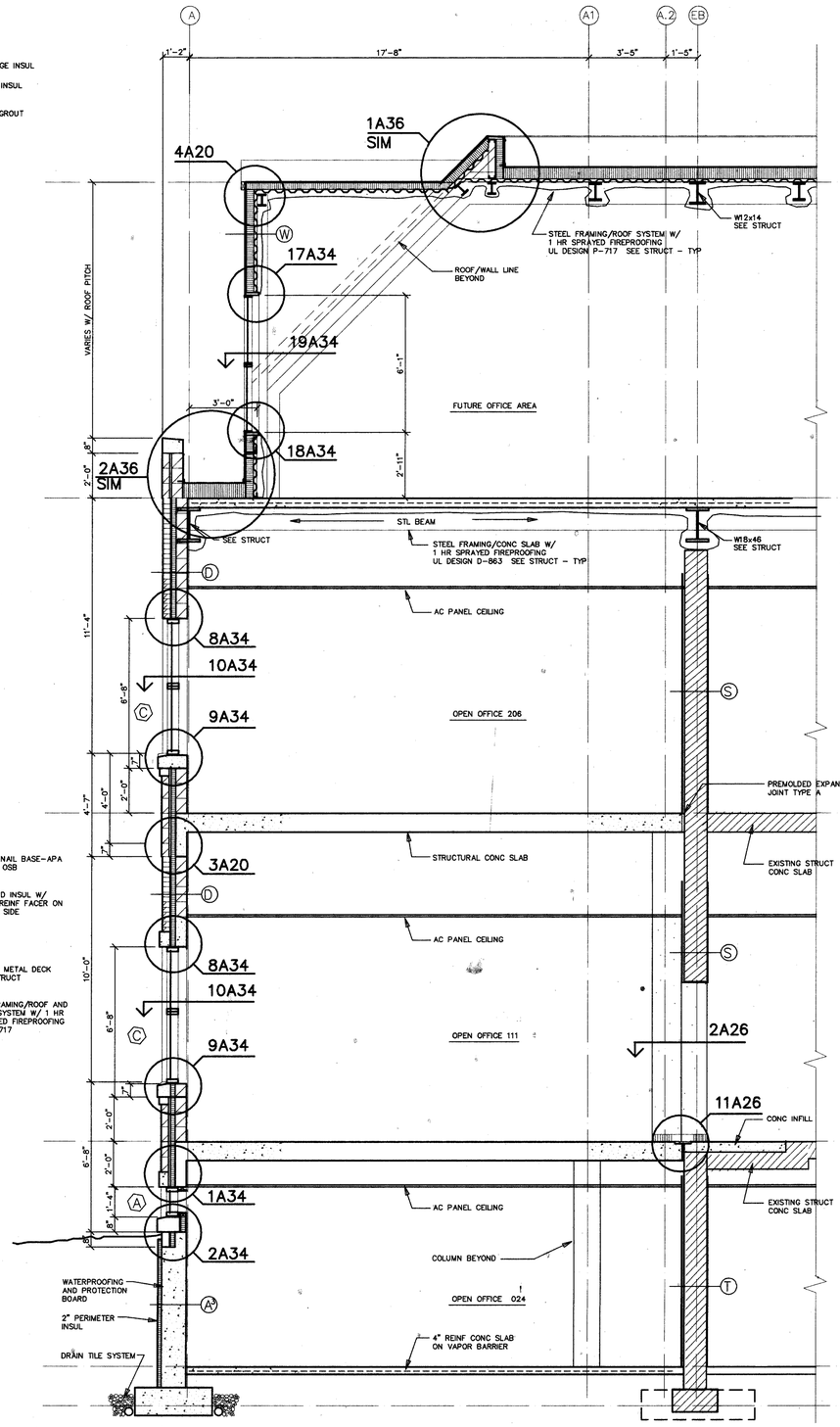
5 WALL/CLG DET
1 1/2



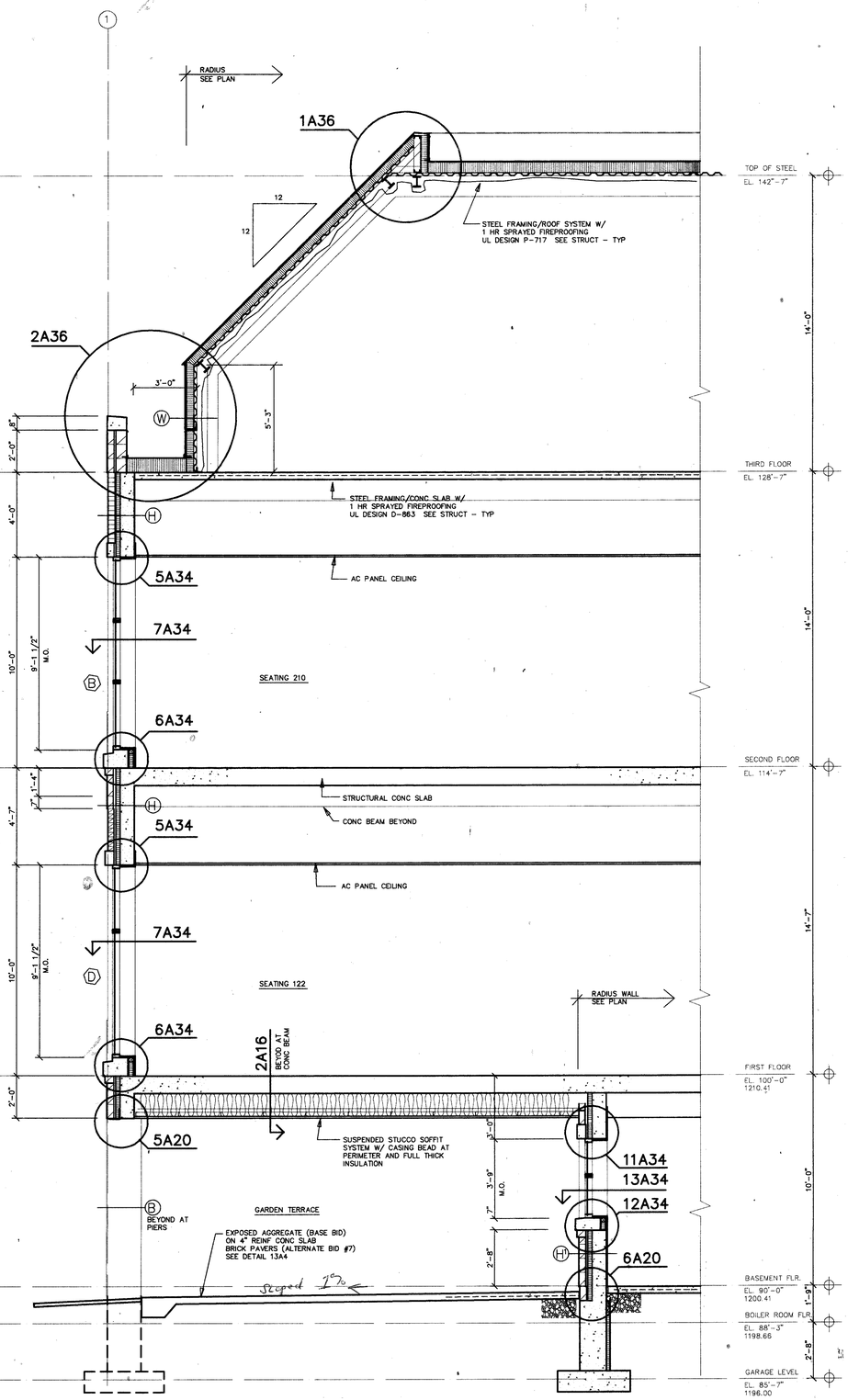
4 ROOF/WALL DET
1 1/2



3 WALL DETAIL
1 1/2



1 WALL SECTION
3/8



2 WALL SECTION
3/8

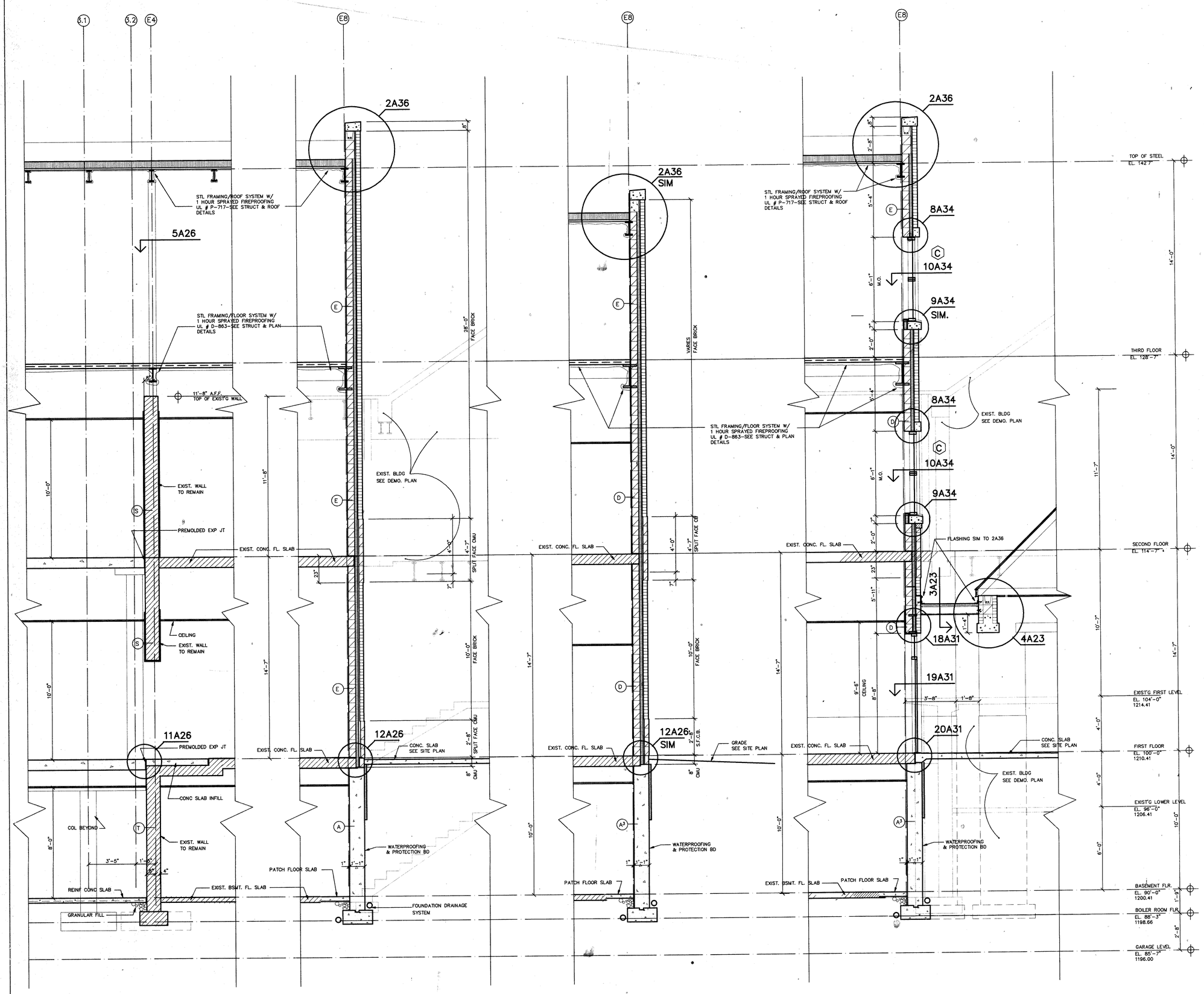
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154
WALL SECTIONS
JUNE 1993
MLJ

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A20
LAST UPDATE
6-17-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON, WI

A20



1 WALL SECTION 3/8

2 WALL SECTION 3/8

3 WALL SECTION 3/8

4 WALL SECTION 3/8

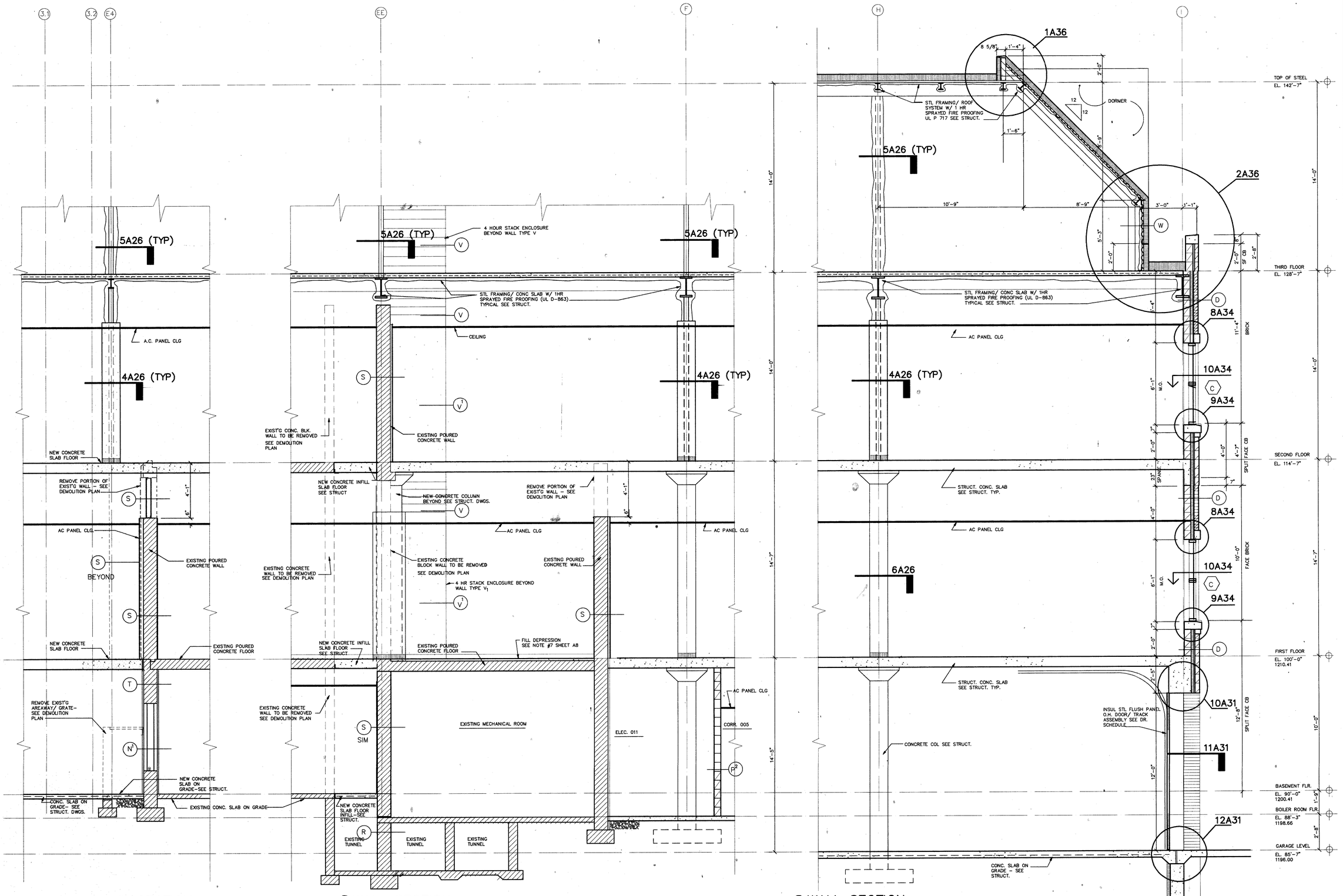
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154
WALL SECTIONS
JUNE 1993
MLJ

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A21
LAST UPDATE 6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A21



1 WALL SECTION 3/8

2 WALL SECTION 3/8

3 WALL SECTION 3/8

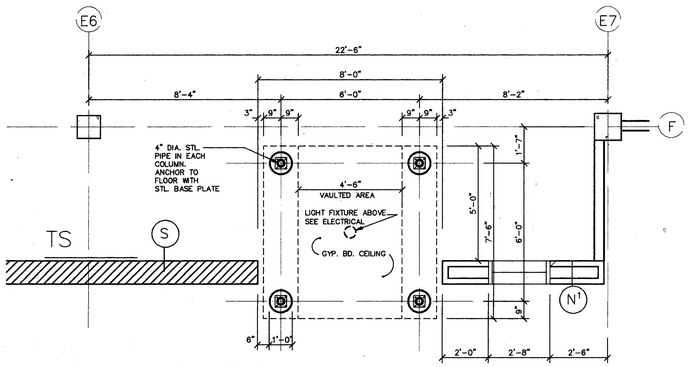
PROJECT
MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154
WALL SECTIONS
JUNE 1993
MLJ

DRAWING
DATE
DRAWN BY
REVISION

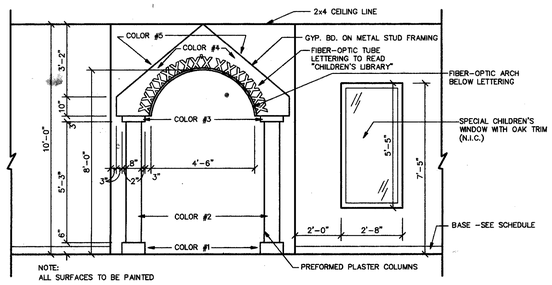
FILE # 92154A22
LAST UPDATE
6-17-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A22

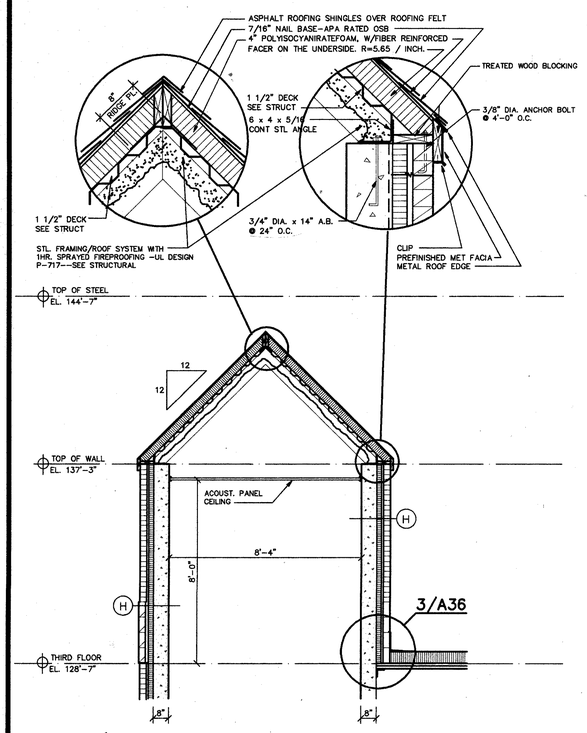


PLAN

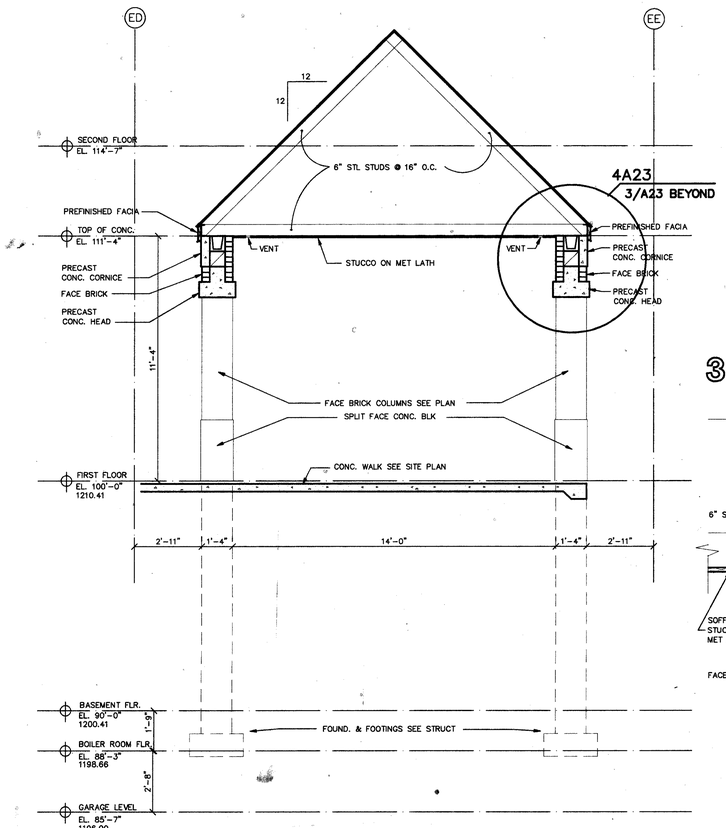


ELEVATION

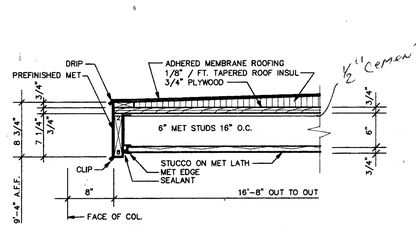
6 CHILDRENS LIBRARY ENTRY CANOPY
3/8



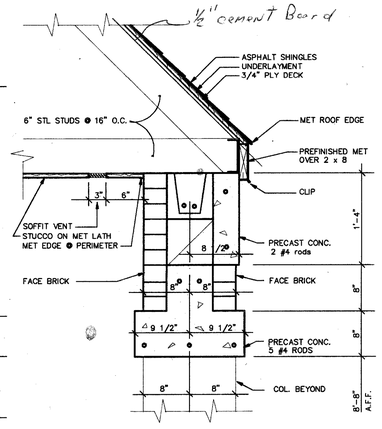
1 THIRD FL. STAIR A & B ENCLOSURE
3/8



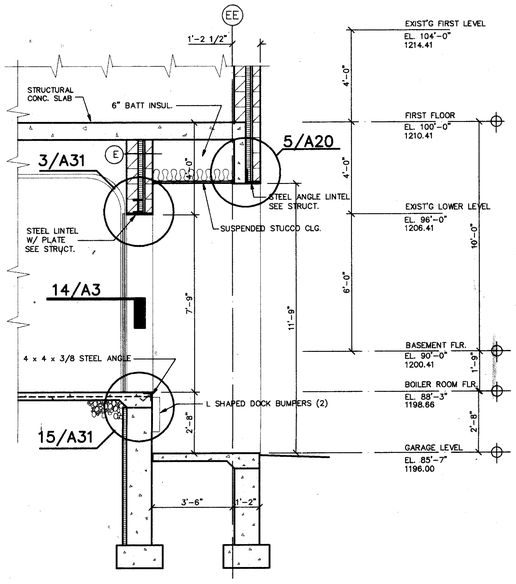
2 FRONT ENTRY CANOPY SECTION
3/8



3 CONNECTING ROOF @ CANOPY
1 1/2



4 TYP. CANOPY EAVE DETAIL
1 1/2



5 SECTION @ RECEIVING 044
3/8"

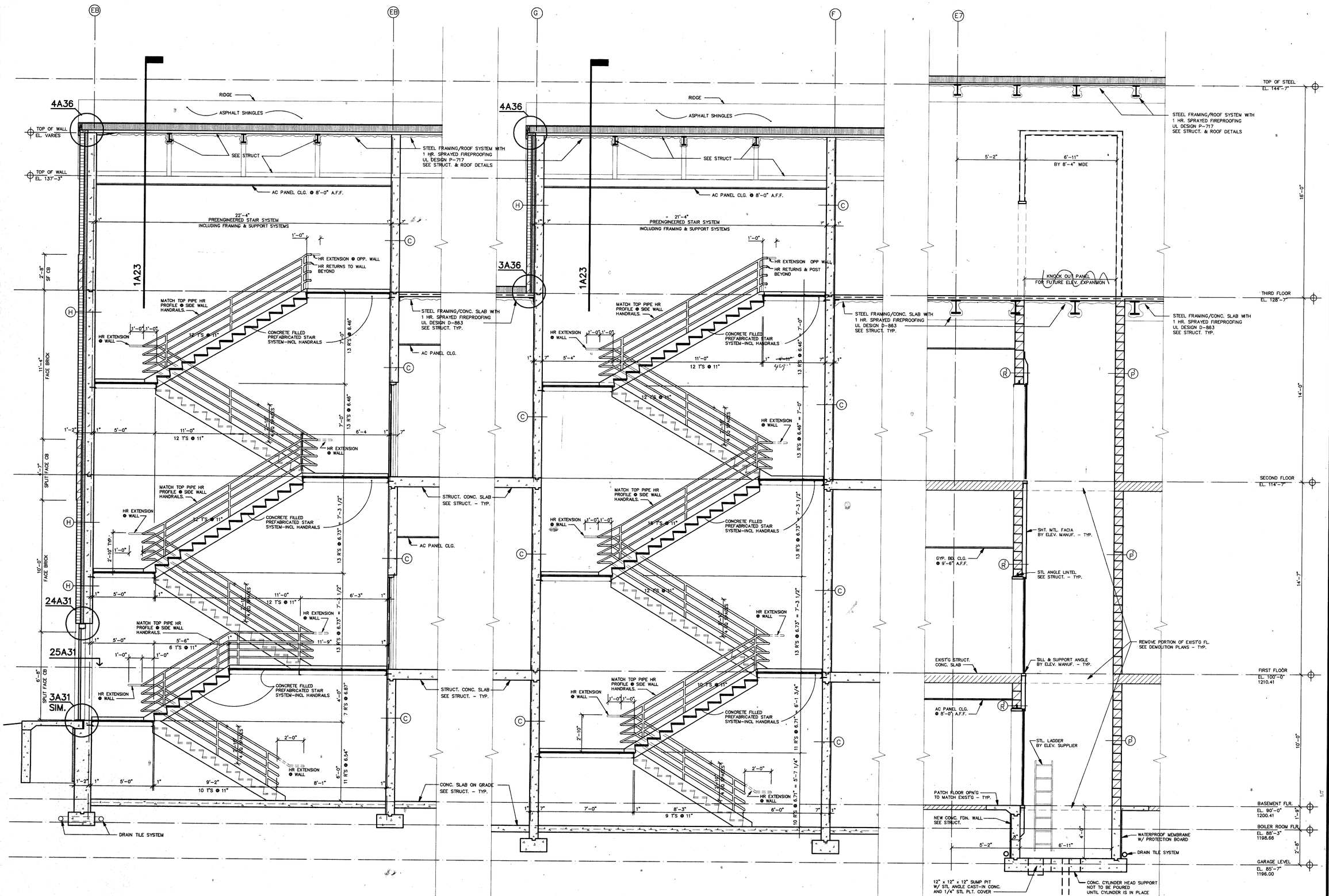
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154
WALL SECTIONS/DETAILS
JUNE 1993
MLJ

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A23
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A23



1 SECTION @ STAIR 'A'
3/8

2 SECTION @ STAIR 'B'
3/8

3 SECTION @ ELEVATOR
3/8

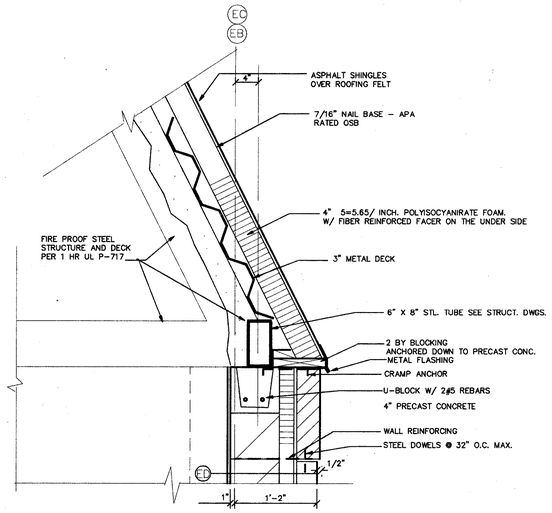
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154
STAIR SECTIONS 'A' & 'B'

DRAWING
DATE JUNE 1993
DRAWN BY MLJ
REVISION

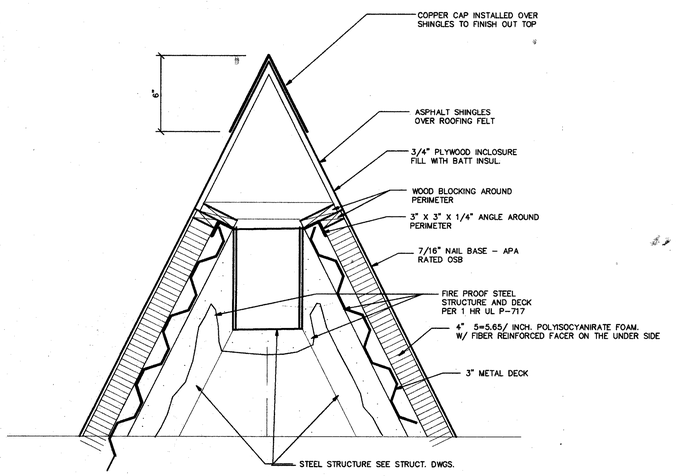
FILE # 92154A24
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

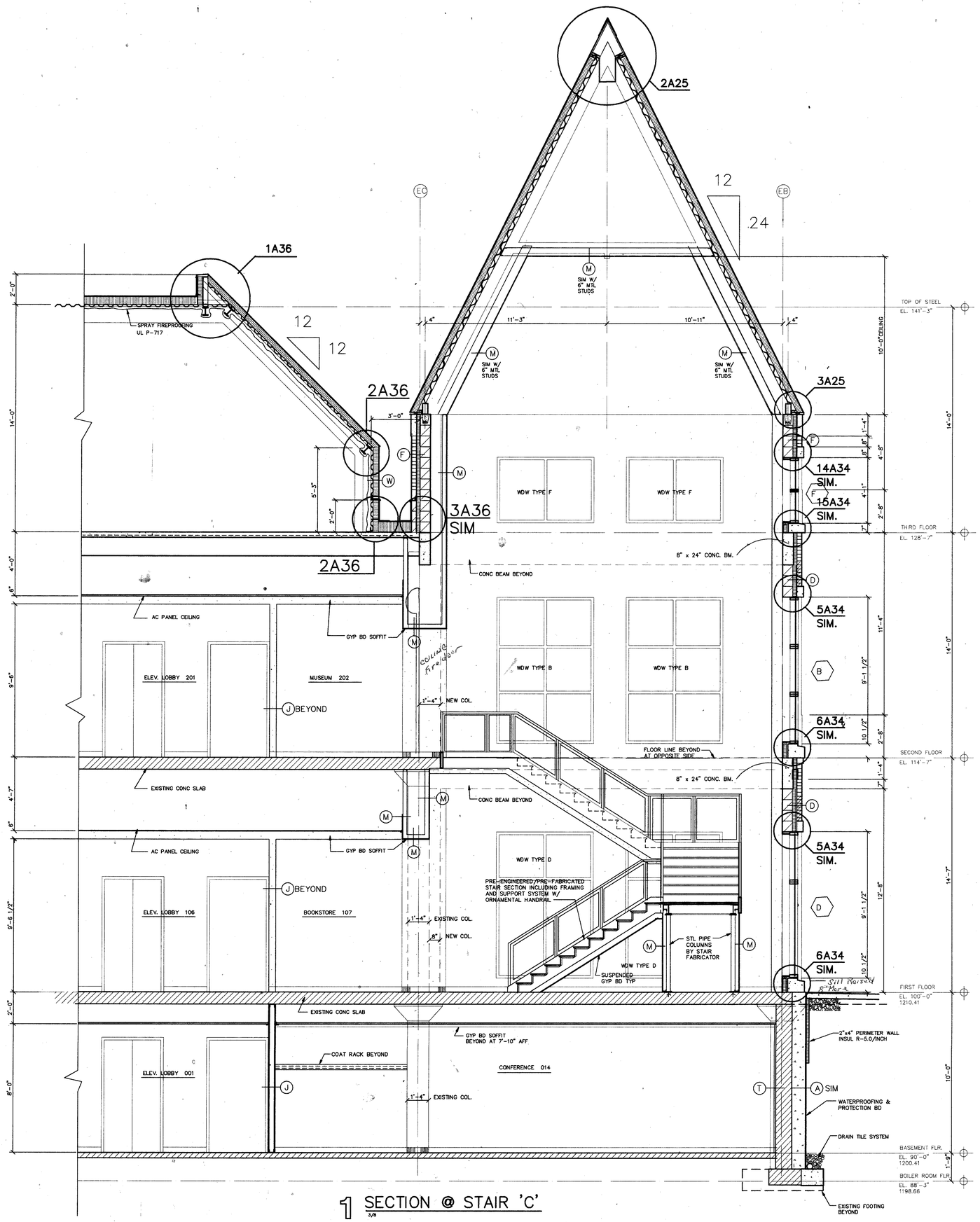
A24



3 ROOF EDGE DET
1 1/2"



2 ROOF DETAIL
1 1/2"



1 SECTION @ STAIR 'C'
3/8

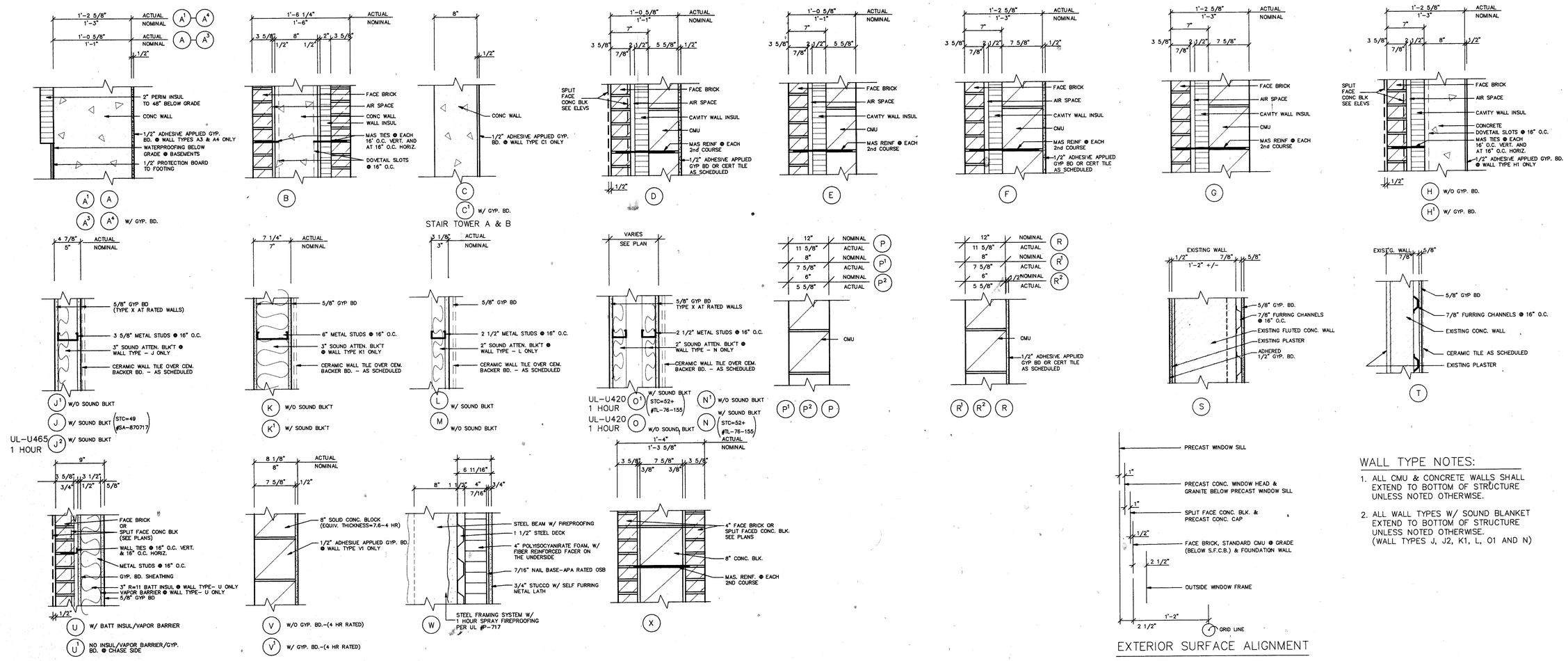
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR 920154
SECTION STAIR 'C'
JUNE 1993
MLJ

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A25
LAST UPDATE
6-17-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

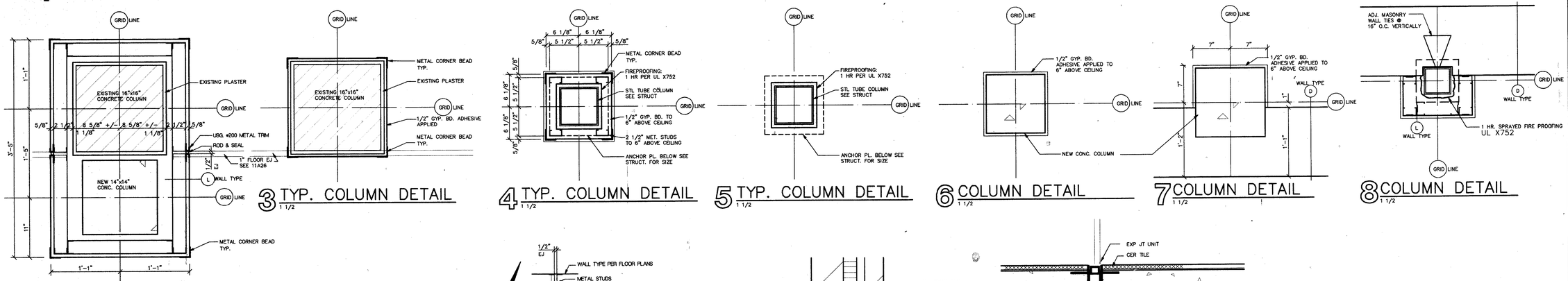
A25



1 WALL TYPE DETAILS
1 1/2

WALL TYPE NOTES:

1. ALL CMU & CONCRETE WALLS SHALL EXTEND TO BOTTOM OF STRUCTURE UNLESS NOTED OTHERWISE.
2. ALL WALL TYPES W/ SOUND BLANKET EXTEND TO BOTTOM OF STRUCTURE UNLESS NOTED OTHERWISE. (WALL TYPES J, J2, K1, L, O1 AND N)



2 TYP. COLUMN DETAIL
1 1/2

3 TYP. COLUMN DETAIL
1 1/2

4 TYP. COLUMN DETAIL
1 1/2

5 TYP. COLUMN DETAIL
1 1/2

6 COLUMN DETAIL
1 1/2

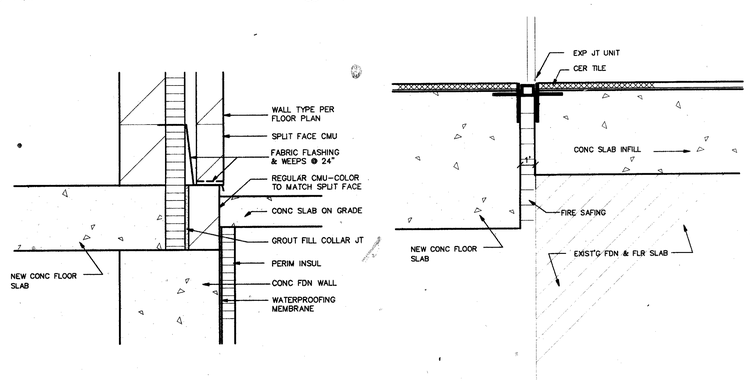
7 COLUMN DETAIL
1 1/2

8 COLUMN DETAIL
1 1/2

9 COLUMN DETAIL
1 1/2

10 NOT USED
1/4

11 FLR/WALL EXP JT (EJ)
1 1/2



12 FDN/WALL DETAIL
1 1/2

13 FLR EJ @ CER TILE
NO SCALE

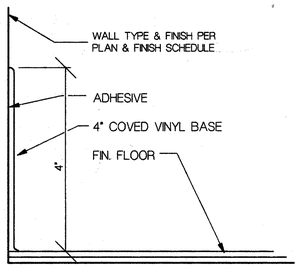
PROJECT
MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154

DRAWING WALL TYPES
DATE JUNE 1993
DRAWN BY BRAD & RON
REVISION

FILE # 92154A26
LAST UPDATE 6-17-93

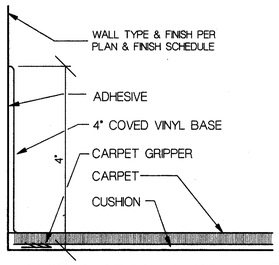
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A26



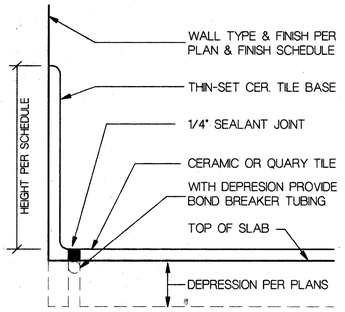
1 TYPICAL VINYL BASE

6" = 1'-0"



2 TYPICAL VINYL BASE W/ CARPET

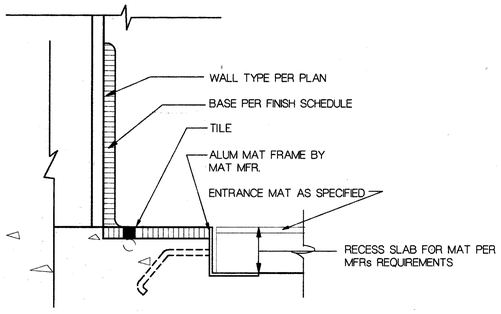
6" = 1'-0"



JOINTS BETWEEN BASE & FLOOR ARE NOT REQUIRED IN SPACES LESS THAN 150 S.F.

3 TYP. CER. TILE BASE W/ C.T. FLOOR

6" = 1'-0"



4 ENTRANCE MAT DETAIL

3" = 1'-0"

ROOM FINISH SCHEDULE

	MARK	ROOM NAME	FLOOR: CARPET #1	FLOOR: CERAMIC TILE	FLOOR: CONCRETE - SEALED	FLOOR: VCT	FLOOR: MAT	FLOOR: PORCELAIN TILE	BASE: 4" VINYL	BASE: 4" CERAMIC TILE BASE	BASE: NONE	BASE: PORCELAIN TILE	WALLS: CONCRETE BLOCK	WALLS: GYP. BOARD	WALLS: VINYL WRAPPED GYP. BD.	WALLS: EXISTING WALL	WALLS: CERAMIC TILE	WALLS: SPLIT FACE BLOCK & BRICK	WALLS: TACKWALL	CEILING: ACOUSTICAL PANEL A	CEILING: ACOUSTICAL PANEL B	CEILING: ACOUSTICAL PANEL C	CEILING: 5/8" GYP. BD.	CEILING: EXPOSED STRUCTURE	CEILING: ACOUSTICAL PANEL D	HGT	REMARKS
BASEMENT	001	ELEV. LOBBY	O						O					P								O				~~8'-0"~~	- 7'6
	002	CORRIDOR	O						O					P							O					~~8'-0"~~	- 7'6"
	003	CORRIDOR	O						O					P							O					~~8'-0"~~	- 7'6"
	004	CORRIDOR	O						O					P							O					~~8'-0"~~	- 7'6"
	005	CORRIDOR	O						O					P							O					~~8'-0"~~	- 7'6"
	006	CORRIDOR	O						O					P							O					~~8'-0"~~	- 7'6"
	007	STORAGE		O						O				P		P							O			–	–
	008	WORK AREA			O				O					P							O					8'-0"	–
	009	OFFICE			O				O					P		P					O					8'-0"	–
	010	COPY/PRINTING			O				O					P		P					O					7'-10"	–
	011	ELECTRICAL		O						O			P			P							E			–	–
	012	BOILER ROOM		O						O			P			P							E			–	–
	013	MECHANICAL		O						O			P			P							E			–	–
	014	CONFERENCE	O						O					V				O			O					VARIES	2
	015	KITCHEN	O						O					V							O					7'-10"	–
	016	STORAGE	O						O					P						O						8'-0"	–
	017	COATS	O						O					V								P				7'-6"	SOFFIT
	018	BOARD ROOM	O						O					P							O					8'-0"	–
	019	AUDIO/VISUAL	O						O					P							O					8'-0"	–
	020	OFFICE	O				•		O					P							O					8'-0"	–
	021	OFFICE	O						O					P							O					8'-0"	–
	022	OPEN OFFICE	O						O					P							O					~~7'-10"~~	- 7'6"
	023	OPEN OFFICE	O						O					P							O					8'-0"	–
	024	OPEN OFFICE	O						O					P							O					8'-0"	–
	025	OFFICE	O						O					P							O					8'-0"	–
	026	CONFERENCE	O						O					P							O					8'-0"	–
	027	CONFERENCE	O						O					V				O				O				8'-0"	–
	028	DIRECTOR	O						O					V								O				~~8'-0"~~	- 7'6"
	029	OFFICE	O						O					P							O					~~8'-0"~~	- 7'6"
	030	OFFICE	O						O					P							O					8'-0"	–
	031	OFFICE	O						O					P							O					8'-0"	–
	032	OPEN OFFICE	O						O					P							O					8-0/7-10	SOFFIT
	033	COPY/STORAGE	O						O					P							O					8'-0"	–
	034	DELIVERY/STORAGE			O				O					P							O					8'-0"	–
	035	FILES	O						O					P							O					8'-0"	–
	036	MAIL ROOM			O				O					P							O					8'-0"	–
	037	VOLUNTEERS	O						O					P							O					8'-0"	–
	038	OFFICE	O						O					P							O					8'-0"	–
	039	SUPPLY			O				O					P						O						8'-0"	–
	040	OPEN OFFICE	O						O					P							O					8'-0"	–
	041	OFFICE	O						O					P							O					8'-0"	–
	~~041A~~	~~BOOK DROP VAULT~~			~~O~~				~~S~~					~~P~~							O					8'-0"	–
	042	DOCK			O					O				P									P			12'-0"	–
	043	GARAGE			O					O				P									P			14'-8"	–
	044	RECEIVING			O					O				P									P			12'-0"	–
	~~045~~	~~LOCKERS~~			~~O~~				~~O~~					~~P~~									~~E~~			~~8'-0"~~	~~- 10'6"~~
	046	MAINTENANCE 1			O					O				P									E			8'-0"	–
	047	M. TOILET		A						A							A							O		8'-0"	–
	048	JANITOR			O					A				P									E			8'-0"	–
	049	W. TOILET		A						A							A							O		8'-0"	–
	050	STAFF LOUNGE	O						O					P							O					8'-0"	–
	050A	VENDING	O						O				O	P							O					8'-0"	–
	051	ELEV. EQUIPMENT			O					O													E			–	–
	052	MECHANICAL			O					O			O										E			–	–
FIRST FLOOR	101	VESTIBULE				O	O				O						O					P				9'-6"	–
	102	LOBBY					O				O				P							O	P			10'/9'-6"	
	103	JANITOR			O				O						P									E		–	–
	104	W. TOILET		A						A							A							O		8'-0"	–
	105	M. TOILET		A						A							A							O		8'-0"	–
	106	ELEV. LOBBY	O						O						P						O					10'-0"	–
	107	BOOK STORE	O						O						P						O					10'-0"	–
	108	MECHANICAL ROOM			O					O				E	E								E			–	1
	109	CIRCULATION DESK	O						O						P						O	P				10'/9-3	SOFFIT
	110	WORK AREA	O						O						P						O					10'-0"	–
	111	OPEN OFFICE	O						O						P						O					10'-0"	–
	112	BOOK DROP VAULT	O						O						P						O					–	–
	113	OFFICE	O						O						P						O					8'-0"	–
	114	A/V COLLECTION	O						O						P						O					10'-0"	–
	115	OFFICE	O						O						P						O					8'-0"	–
	116	CPU/FILE SAVER	O						O						P						O					8'-0"	–
	117	INFORMATION DESK	O						O						P						O					10'/9-3	SOFFIT
	118	RESOURCE COMPUTERS	O						O						P						O					10'-0"	–
	119	ADULT PERSONAL COMP.	O						O						P						O					8'-0"	–
	119.1	ELEC./TELEPHONE EQUIP			O					O					P								O			8'-0"	–
	120	ADULT FICTION	O						O						P						O					11'-0"	–
	121	SEATING	O						O						P							O				~~11'-0"~~	- 10'
	122	SEATING	O						O						P							O				10'-0"	–
	123	SEATING	O						O						P							O				10'-0"	–
	124	LOBBY	O						O						P						O					10'-0"	–
	125	REFERENCE	O						O						P						O					10'-0"	–
	126	STORY ROOM	O						O									O			O					10'-0"	2
	127	CHILDREN'S PERSONAL COMP.	O						O						P						O					8'-0"	–
	128	SEATING	O						O						P						O					10'-0"	–
	129	SEATING	O						O						P						O					10'-0"	–
	130	SEATING	O						O						P						O					10'-0"	–
	131	CHILDREN'S COLLECTION	O						O						P						O					10'-0"	–
	132	ACTIVITY AREA	O						O						P						O					10'-0"	–
	133	OFFICE	O						O						P						O					10'-0"	–
	134	OFFICE	O						O						P						O					10'-0"	–
	135	COATS	O						O						P			O			O					8'-0"	–
	136	BOYS		A						A					P									O		8'-0"	–
	137	GIRLS		A						A					P									O		8'-0"	–

ADDITIONAL FINISHES
- (O) NO ADDITIONAL FINISH REQUIRED
- (P) PAINT OR STAIN FINISH REQUIRED
- (E) EPOXY WALL FINISH REQUIRED
- (V) VINYL WALL COVERING REQUIRED
- (S) SPECIAL FINISH REQUIRED (SEE REMARKS)

TILE SETTING BEDS
- (A) THINSET PORTLAND CEMENT MORTAR
- (B) THICKSET PORTLAND CEMENT MORTAR
- (E) EPOXY ADHESIVE

ACOUSTICAL
REFER TO SPECIFICATIONS FOR FULL DESCRIPTION OF TYPE OF MATERIALS AND SUSPENSION SYSTEM

ROOM FINISH SCHEDULE

	MARK	ROOM NAME	FLOOR: CARPET #1	FLOOR: CERAMIC TILE	FLOOR: CONCRETE - SEALED	BASE: 4" VINYL	BASE: CERAMIC TILE	BASE: NONE	WALLS: CONCRETE BLOCK	WALLS: GYP. BOARD	WALLS: VINYL WRAPPED GYP. BD.	WALLS: EXISTING WALL	WALLS: CERAMIC TILE	CEILING: ACOUSTICAL PANEL A	CEILING: ACOUSTICAL PANEL B	CEILING: ACOUSTICAL PANEL C	CEILING: 5/8" GYP. BD.	CEILING: EXPOSED STRUCTURE NOT FINISHED	CEILING: ACOUSTICAL PANEL D	HGT	REMARKS
SECOND FLOOR	201	ELEV. LOBBY	O			O				P						O				10'	–
	202	MUSEUM	O			O				P						O				10'	–
	203	REFERENCE DESK	O			O				P						O				10'	–
	204	WORK AREA	O			O				P						O				~~11'~~	- 10'
	205	OFFICE	O			O				P						O				8'	–
	206	OPEN OFFICE	O			O				P						O				~~11'~~	- 10'
	207	RESOURCE COMPUTERS	O			O				P						O				~~10'~~	- 9'6"
	208	ADULT NON-FICTION	O			O				P						O				10'	–
	209	SEATING	O			O				P						O				10'	–
	210	SEATING	O			O				P						O				10'	–
	211	SEATING	O			O				P						O				10'	–
	212	SEATING	O			O				P						O				10'	–
	213	SEATING	O			O				P						O				10'	–
	214	SEATING	O			O				P						O				10'	–
	215	SEATING	O			O				P						O				10'	–
	216	JANITOR			O	O				P								O		–	–
	217	M. TOILET		A			A						A					O		8'	–
	218	W. TOILET		A			A						A					O		8'	–
	219	MICROFICHE/MICROFILM	O			O				P						O				~~10'~~	- 9'6"
	220	MECHANICAL			O			O											E	–	1
	221	ELEC/TELEPHONE EQUIP			O			O		P								O		–	–
	–	–																		–	–
	–	–																		–	–
	–	–																		–	–
	–	–																		–	–
	–	–																		–	–
	–	–																		–	–
THIRD FLOOR UNFINISHED	300	ATTIC	UNFINISHED																		

ADDITIONAL FINISHES
- (O) NO ADDITIONAL FINISH REQUIRED
- (P) PAINT OR STAIN FINISH REQUIRED
- (E) EPOXY WALL FINISH REQUIRED
- (V) VINYL WALL COVERING REQUIRED
- (S) SPECIAL FINISH REQUIRED (SEE REMARKS)

TILE SETTING BEDS
- (A) THINSET PORTLAND CEMENT MORTAR
- (B) THICKSET PORTLAND CEMENT MORTAR
- (E) EPOXY ADHESIVE

ACOUSTICAL
REFER TO SPECIFICATIONS FOR FULL DESCRIPTION OF TYPE OF MATERIALS AND SUSPENSION SYSTEM

FINISH SCHEDULE REMARKS

1. APPLY TRAFFIC TOPPING TO FLOOR
2. CARPET IN THIS ROOM TO BE CARPET TYPE #2 (SEE SPEC.)

GENERAL NOTES

1. SEE DOOR SCHEDULE FOR FLOORING TRANSITION NOTES AT DOOR BOTTOMS WHERE APPLICABLE.

STAIR FINISH SCHEDULE

MARK	FLOOR AT LANDING: CARPET #1	FLOOR AT LANDING: SEALED CONCRETE	BASE AT LANDING: VINYL	TREADS: CARPET PREMOLDED RUBBER	RISERS: CARPET	RISERS: SHEET METAL	STRINGER OR SKIRT: STEEL TUBE	STRINGER OR SKIRT: STEEL CHANNEL	WALL: GYP. BOARD	WALL: CONCRETE	STAIRWAY CEILING: GYP. BOARD	STAIRWAY CEILING: ACOUSTICAL PANEL A (@ 8'-0" A.F.F.)	LANDING CEILING: GYP. BOARD	STAIR UNDERSIDE: GYP. BOARD	HANDRAIL: 1 1/4" I.D. STEEL PIPE	HANDRAIL: ORNAMENTAL HANDRAIL	REMARKS
A		O	O		O	P		P	P			O	P	P	P		–
B		O	O		O	P		P	P			O	P	P	P		–
C	O		O	O		O	P		P		P		P	P		P	–

ADDITIONAL FINISHES
- (O) NO ADDITIONAL FINISH REQUIRED
- (P) PAINT OR STAIN FINISH REQUIRED
- (E) EPOXY WALL FINISH REQUIRED
- (V) VINYL WALL COVERING REQUIRED
- (S) SPECIAL FINISH REQUIRED (SEE REMARKS)

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154

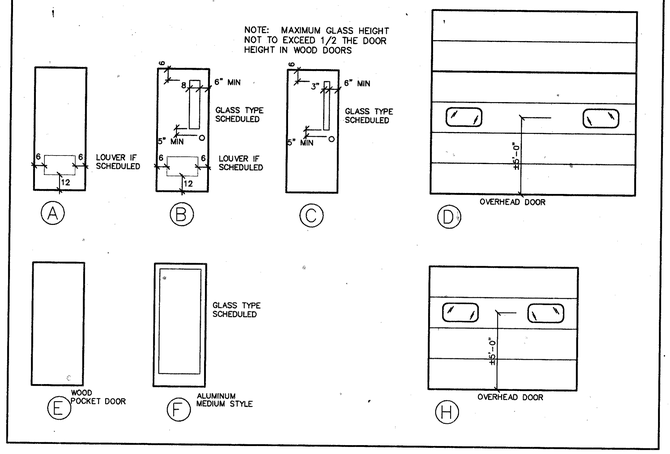
DRAWING ROOM FINISH / STAIR FINISH SCHEDULES AND REMARKS
DATE JUNE 1993
DRAWN BY JPM,DOH
REVISION

FILE # 92154A27 1"=1' scale
LAST UPDATE 6-17-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A27

DOOR TYPES



1 DOOR AND FRAME SCHEDULE

	DOOR NO.	DOOR SIZE W	DOOR SIZE H	DOOR SIZE T	DOOR MATL	DOOR TYPE 1A30	DOOR GLASS	U-CUT OR LOUVER	FRAME MATL	FRAME TYPE 1A30	FRAME DEPTH	DETAILS --SHEET A31 HEAD	JAMB	SILL	FIRE LABEL	HDWR GROUP	REMARKS
BASEMENT	003	3-0	7-0	1-3/4	H.M.	B	GLT-4		H.M.	B	6 3/4	1	2	3		1	
	005	3-8	6-11	1-3/4	SCWD	A		1"	H.M.	E	6 3/4	4	4			2	
	006	3-0	6-11	1-3/4	H.M.	C	GLT-7		H.M.	A	6 3/4	5	5		90 MIN	2	
	007A	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	A	6 3/4	6	6			3	
	007B	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	A	6 3/4	6	6			3	
	009	3-0	7-0	1-3/4	SCWD	A		1"	H.M.	D	5-3/4	4	4			3	
	011A	3-0	6-11	1-3/4	H.M.	A		24x6	H.M.	A	6 3/4	4	4			4	
	011B	3-0	6-11	1-3/4	H.M.	A		24x6	H.M.	A	6 3/4	4	4			4	
	012	3-0	6-11	1-3/4	H.M.	A			H.M.	A	8 3/4	5	5		3 HR	2	
	013	3-0	6-11	1-3/4	H.M.	A			H.M.	A	6 3/4	5	5			2	
	014	3-0	7-0	1-3/4	SCWD	A		24x24	H.M.	D	5-3/4	6	6			2	
	016	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			3	
	018	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	C	5-3/4	6	6			2	
	018A	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	018B	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	018C	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	018D	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	018E	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	018F	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	019A	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	A	5-3/4	6	6			2	
	019B	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	A	5-3/4	6	6			2	
	021	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	D	5-3/4	6	6			6	
	024A	3-0	7-0	1-3/4	SCWD	B	GLT-4	1"	H.M.	A	5-3/4	6	6			2	
	024B	3-8	7-0	1-3/4	SCWD	B	GLT-4	1"	H.M.	A	5-3/4	6	6			2	
	025	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	D	5-3/4	6	6			6	
	026	3-0	7-0	1-3/4	SCWD	B	GLT-4	1"	H.M.	A	5-3/4	6	6			7	
	027	3-0	7-0	1-3/4	SCWD	A		1"	H.M.	A	5-3/4	6	6			6	
	027A	3-0	7-0	1-3/4	HCWD	A	POCKET	DOOR-SEE SPEC				7	7				
	028	3-0	7-0	1-3/4	SCWD	A		1"	H.M.	D	5-3/4	6	6			6	
	029	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	D	5-3/4	6	6			6	
	030	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	A	5-3/4	6	6			6	
	031	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	A	5-3/4	6	6			6	
	032	3-0	7-0	1-3/4	SCWD	A		24x24	H.M.	D	5-3/4	6	6			2	
	032A1	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	032A2	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	032B1	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	032B2	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	032C1	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	032C2	2-6	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			5	
	033	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	A	5-3/4	6	6			6	
	035	3-0	7-0	1-3/4	SCWD	B	GLT-4	1/2"	H.M.	A	5-3/4	6	6			6	
	036	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	C	5-3/4	6	6			2	
	038	3-0	7-0	1-3/4	SCWD	A		1/2"	H.M.	C	5-3/4	6	6			6	
	039A	3-0	7-0	1-3/4	HCWD	A		1/2"	H.M.	A	5-3/4	6	6			3	
	039B	3-0	7-0	1-3/4	HCWD	A			H.M.	A	5-3/4	6	6			3	
	040A	3-0	6-11	1-3/4	SCWD	B	GLT-4	1"	H.M.	A	6 3/4	4	4			3	
	040B	3-0	6-11	1-3/4	SCWD	B	GLT-4	1"	H.M.	A	6 3/4	4	4			8	
	041	3-0	7-0	1-3/4	SCWD	A			H.M.	C	5-3/4	6	6			6	
	041A	3-0	6-11	1-3/4	SCWD	A		1"	H.M.	A	6 3/4	5	5		90 MIN	4	
	042A	3-8	6-11	1-3/4	H.M.	A			H.M.	A	6 3/4	5	5		90 MIN	2	
	042B	3-0	6-11	1-3/4	H.M.	A			H.M.	A	6 3/4	5	5			8	
	042C	3-0	6-11	1-3/4	H.M.	A			H.M.	A	6 3/4	5	5			3	
	043	3-0	6-11	1-3/4	H.M.	B	GLT-4		H.M.	A	6 3/4	8	9	15		9	
	043A	16-0	12-0			D	STL OVERHEAD DOOR-MANUAL				OPER		11	12			
	043B	11-0	12-0			D	STL OVERHEAD DOOR-MANUAL				OPER	10	11	12			
	043C	11-0	12-0			D	STL OVERHEAD DOOR-MANUAL				OPER	10	11	12			
	044	8-0	7-9			H	STL OVERHEAD DOOR-MANUAL				OPER	13	14	12			
	045	3-0	7-0	1-3/4	H.M.	A		1"	H.M.	A	5 3/4	6	6			7	
	046	3-0	7-0	1-3/4	H.M.	A		1"	H.M.	A	5 3/4	6	6			2	
	047	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	A	5 3/4	6	6			10	
	048	3-0	7-0	1-3/4	SCWD	A		1"	H.M.	A	5 3/4	6	6			6	
	049	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	A	5 3/4	6	6			10	
	050	3-0	7-0	1-3/4	SCWD	B	GLT-4	24x12	H.M.	A	5 3/4	6	6			2	
	051	3-0	7-0	1-3/4	H.M.	A			H.M.	B	8 3/4	16	16		45 MIN	4	
	052	3-0	7-0	1-3/4	H.M.	A			H.M.	A	6-3/4	17	17		45 MIN	4	
FIRST FLOOR	101A	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	2A	3 1/2	18	19	20		12	
	101B	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	2A	3 1/2	18	19	20		12	
	101C	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	2A	3 1/2	18	19	20		12	
	101D	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	2A	3 1/2	18	19	20		12	
	101E	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	3A	3 1/2	21					
	101F	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	3A	3 1/2	21					
	101G	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	3A	3 1/2	21					
	101H	3-0	7-0	1-3/4	ALUM	F	GLT-4		ALUM	3A	3 1/2	21					
	103	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	A	5-3/4	6	6			6	
	104	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			10	
	105	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			10	
	108	3-0	7-0	1-3/4	H.M.	A			H.M.	A	6-3/4	17	17			4	
	112	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			4	
	113	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			6	
	114A	3-0	7+0	1-3/4	SCWD	B	GLT-4		H.M.	A	5-3/4	6	6			7	
	114B	3-0	7-0	1-3/4	SCWD	B	GLT-4		H.M.	A	5-3/4	6	6			7	
	115	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			6	
	116	3-0	7-0	1-3/4	SCWD	A			H.M.	F	5-3/4	6	6			6	
	119	3-0	7-0	1-3/4	SCWD	A			H.M.	C	5-3/4	6	6			2	
	119.1	3-0	7-0	1-3/4	SCWD	A		1"	H.M.	A	5-3/4	6	6			4	
	128	3-0	7-0	1-3/4	SCWD	B	GLT-4		H.M.	A	5-3/4	6	6			7	
	127	3-0	7-0	1-3/4	SCWD	A			H.M.	G	5-3/4	6	6 & 22			3	
	131	3-0	7-0	1-3/4	SCWD	B	GLT-4		H.M.	A	5-3/4	6	6			7	
	133	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			3	
	134A	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			3	
	134B	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			3	
	134C	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			6	
	136	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	A	5-3/4	6	6			11	
	137	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	A	5-3/4	6	6			11	
SECOND FLOOR	205	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			6	
	206	3-0	7-0	1-3/4	SCWD	B	GLT-4		H.M.	A	5-3/4	6	6			3	
	216	3-0	7-0	1-3/4	SCWD	A		24x12	H.M.	A	5-3/4	6	6			6	
	217	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			10	
	218	3-0	7-0	1-3/4	SCWD	A			H.M.	A	5-3/4	6	6			10	
	220	3-0	7-0	1-3/4	H.M.	A			H.M.	A	6-3/4	17	17			4	
	221	3-0	7-0	1-3/4	H.M.	A			H.M.	A	6-3/4	6	6			4	
STAIR 'A'	A	3-0	7-0	1-3/4	H.M.	A			H.M.	A	5-3/4	6	6			3	
	A1	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	A2	3-0	7-0	1-3/4	H.M.	B	GLT-4		H.M.	B	6-3/4	24	25			1	
	A3	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	A4	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	A5	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	A6	3-0	7-0	1-3/4	INSUL MET	A			H.M.	H	6-3/4	24	25	26		13	
STAIR 'B'	B1	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	B2	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	B3	3-0	7-0	1-3/4	H.M.	B	GLT-4		H.M.	B	6-3/4	24	25			1	
	B4	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	B5	3-0	7-0	1-3/4	H.M.	C	GLT-7		H.M.	A	8-3/4	23	23		45 MIN	2	
	B6	3-0	7-0	1-3/4	INSUL MET	A			H.M.	H	6-3/4	24	25	26		13	

Electric operators

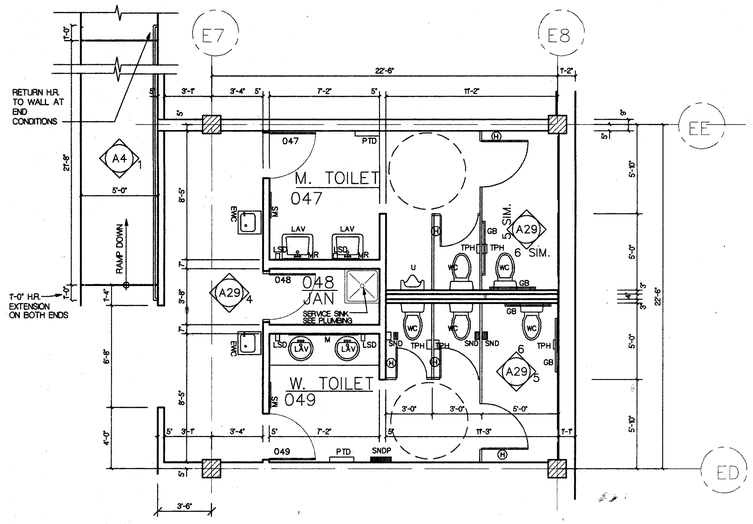
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L92015A

DRAWING DOOR SCHEDULE / DOOR TYPES - REMARKS
DATE JUNE 1993
DRAWN BY JPM
REVISION

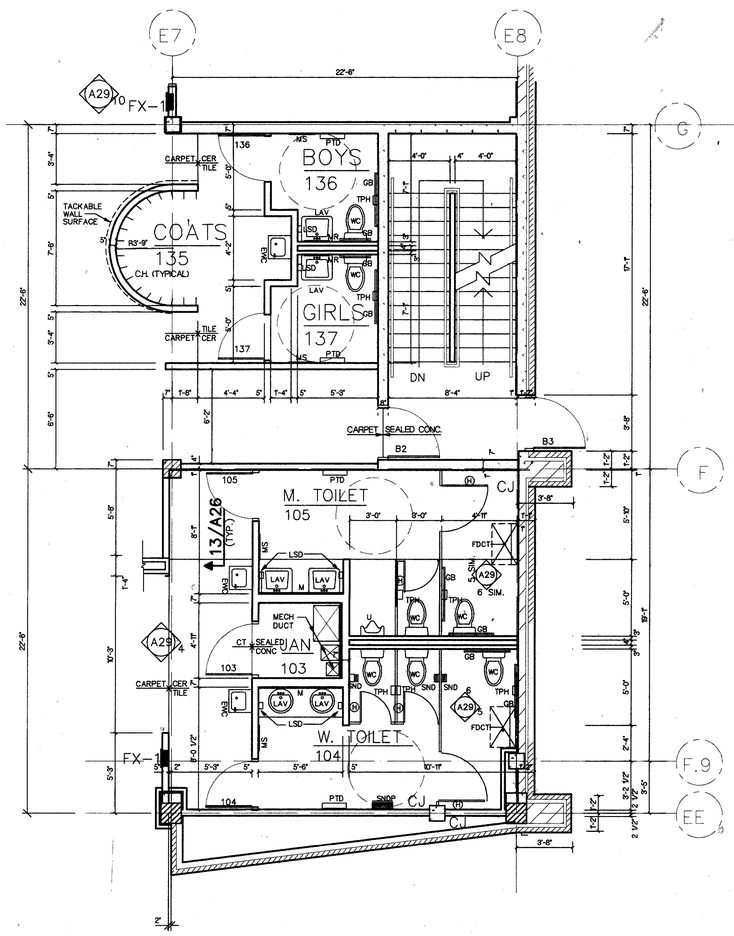
FILE # 92154A28 1"=1' scale
LAST UPDATE 6-16-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

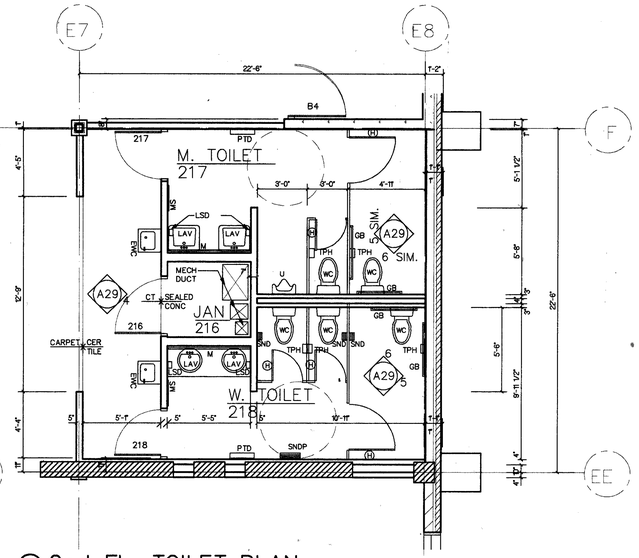
A28



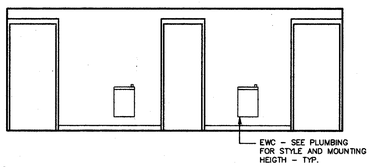
1 BASEMENT TOILET PLAN
1/4" = 1'-0"



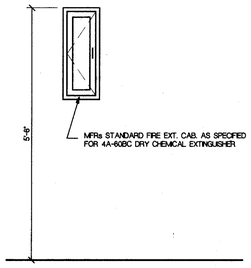
2 1st FLOOR TOILET PLAN
1/4" = 1'-0"



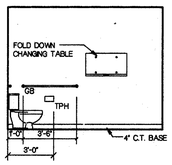
3 2nd FL. TOILET PLAN
1/4" = 1'-0"



4 WATER COOLER ELEVATION
1/4" = 1'-0"

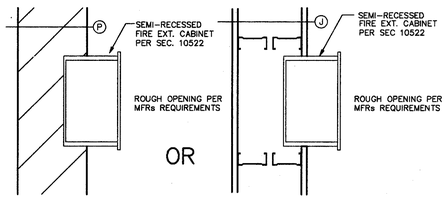


10 FIRE EXT. CABINET
3/4"

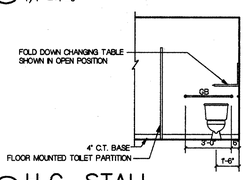


NOTE:
FOLD DOWN CHANGING TABLE TO ONLY BE PROVIDED IN MENS TOILET #105 AND WOMENS TOILET #104

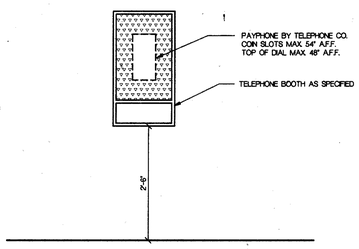
5 H.C. STALL
1/4" = 1'-0"



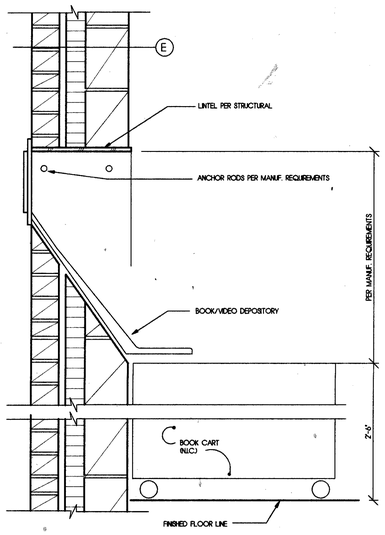
9 FIRE EXT. CABINET
1 1/2"



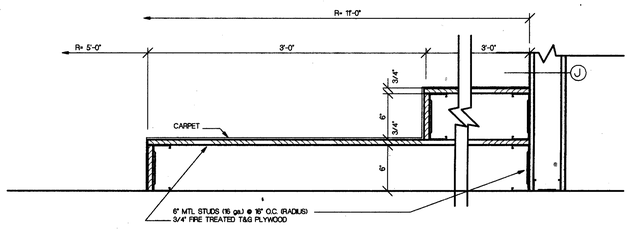
6 H.C. STALL
1/4" = 1'-0"



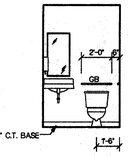
11 TELEPHONE BOOTH
3/4"



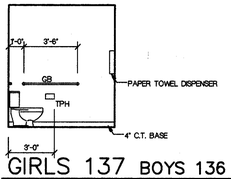
12 BOOK/VIDEO DROP
1 1/2"



13 PLATFORM RISER DTL. FOR STORY RM.#126
1 1/2"



7 GIRLS 137 BOYS 136 SIM.
1/4" = 1'-0"



8 GIRLS 137 BOYS 136 SIM.
1/4" = 1'-0"

ACCESSORY SCHEDULE

ABBREVIATION	ITEM	STD. MOUNTING HEIGHT
MR	1'-6"W X 2'-6"H MIRROR W/ MTL. EDGES	BOTTOM @ 40" A.F.F.
M	5'-6"W X 2'-8"H MIRROR W/ MTL. EDGES	BOTTOM @ 40" A.F.F.
MS	1'-8"W X 5'-0"H MIRROR W/ MTL. EDGES	TOP @ 6'-0"
PTD	PAPER TOWEL DISPENSER	BOT. @ 3'-6" A.F.F.
TPH	TOILET PAPER HOLDER	CENTER @ 2'-0" A.F.F.
LSD	LIQUID SOAP DISPENSER	BOTTOM @ 38" A.F.F.
GB	GRAB BARS - SEE ELEVATIONS FOR LENGTH	TOP @ 2'-10" A.F.F.
LAV	LAVATORY - SEE PLUMBING	SEE PLUMBING
WC	WATER CLOSET-WALL MOUNTED-SEE PLUMBING	SEE PLUMBING
SND	SANITARY NAPKIN DISPOSAL	TOP @ 2'-6" A.F.F.
SNDP	COIN OPERATED SANITARY NAPKIN DISPENSER	TOP @ 6'-0" A.F.F.
EWC	ELECTRIC WATER COOLER - SEE PLB'G	SEE PLUMBING
WF	WASHFOUNTAINS	SEE PLUMBING
U	URINAL	SEE PLUMBING
(H)	CLOTHES HOOK @ EACH PARTITION DOOR	5'-6" A.F.F.
FDCT	FOLD DOWN CHANGING TABLE	BOTTOM @ 3'-6" A.F.F.
CH	WALL MOUNTED COAT HOOKS @ 12" O.C.	4'-0" A.F.F.

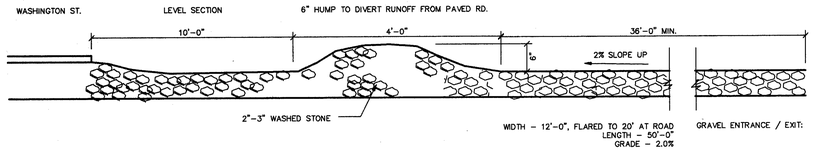
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING LARGE SCALE TOILET PLANS
DATE JUNE 1993
DRAWN BY JPM
REVISION

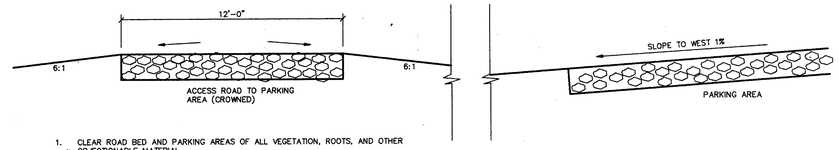
FILE # 92154A29 1/4 Scale
LAST UPDATE 6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A29

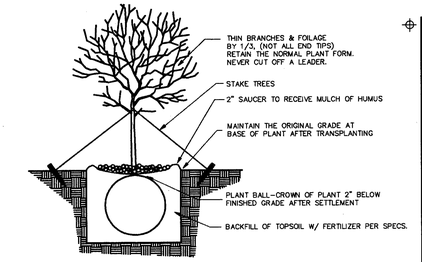


3 TEMPORARY GRAVEL CONSTRUCTION ENTRANCE
NTS

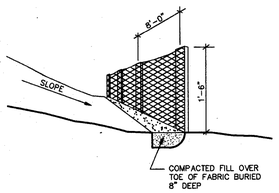


1. CLEAR ROAD BED AND PARKING AREAS OF ALL VEGETATION, ROOTS, AND OTHER OBJECTIONABLE MATERIAL.
2. PROVIDE SURFACE DRAINAGE AS SHOWN.
3. SPREAD 8" COURSE OF 2"-3" STONE EVENLY OVER THE FULL WIDTH OF ROAD AND PARKING AREA AND SMOOTH TO AVOID DEPRESSIONS.
4. VEGETATE OR MULCH ALL DISTURBED AREAS ADJOINING ROADS AND PARKING AS SOON AS GRADING IS COMPLETE.

4 TYP. CROSS-SECTION ACCESS ROAD
NTS

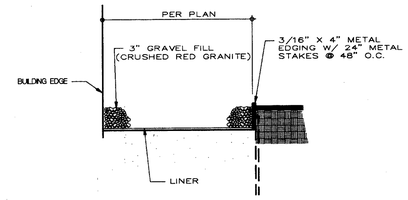


5 PLANTING DETAIL, BB TREES & SHRUBS
NO SCALE



1. LOCATE POSTS DOWNSLOPE OF FABRIC TO HELP SUPPORT FENCING.
2. BURY TOE OF FENCE APPROXIMATELY 8" DEEP TO PREVENT UNDERCUTTING.
3. WHEN JOINTS ARE NECESSARY, SECURELY FASTEN THE FABRIC AT A SUPPORT POST WITH OVERLAP TO THE NEXT POST.
4. FILTER FABRIC TO BE OF NYLON, POLYESTER, PROPYLENE OR ETHYLENE YARN WITH EXTRA STRENGTH - 50 LB./LIN. IN. (MINIMUM)- AND WITH A FLOW RATE OF AT LEAST 0.3 GAL./FT.^{2}/MINUTE. FABRIC SHOULD CONTAIN ULTRAVIOLET RAY INHIBITORS AND STABILIZERS.
5. POST TO BE 4" DIAMETER PINE WITH A MINIMUM LENGTH OF 4' FEET.

2 SEDIMENT FENCE
NTS



6 GRAVEL BED W/ METAL EDGE
1 1/2

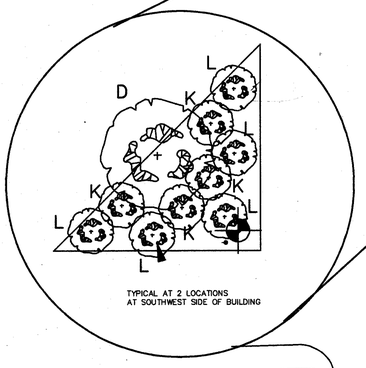
PROJECT NOTES:

CONTRACTOR SHALL BE FAMILIAR WITH WISCONSIN'S BEST MANAGEMENT PRACTICE HANDBOOK GUIDELINES AND HAVE AN UNDERSTANDING OF EROSION CONTROL AS IT APPLIES TO THIS PROJECT.

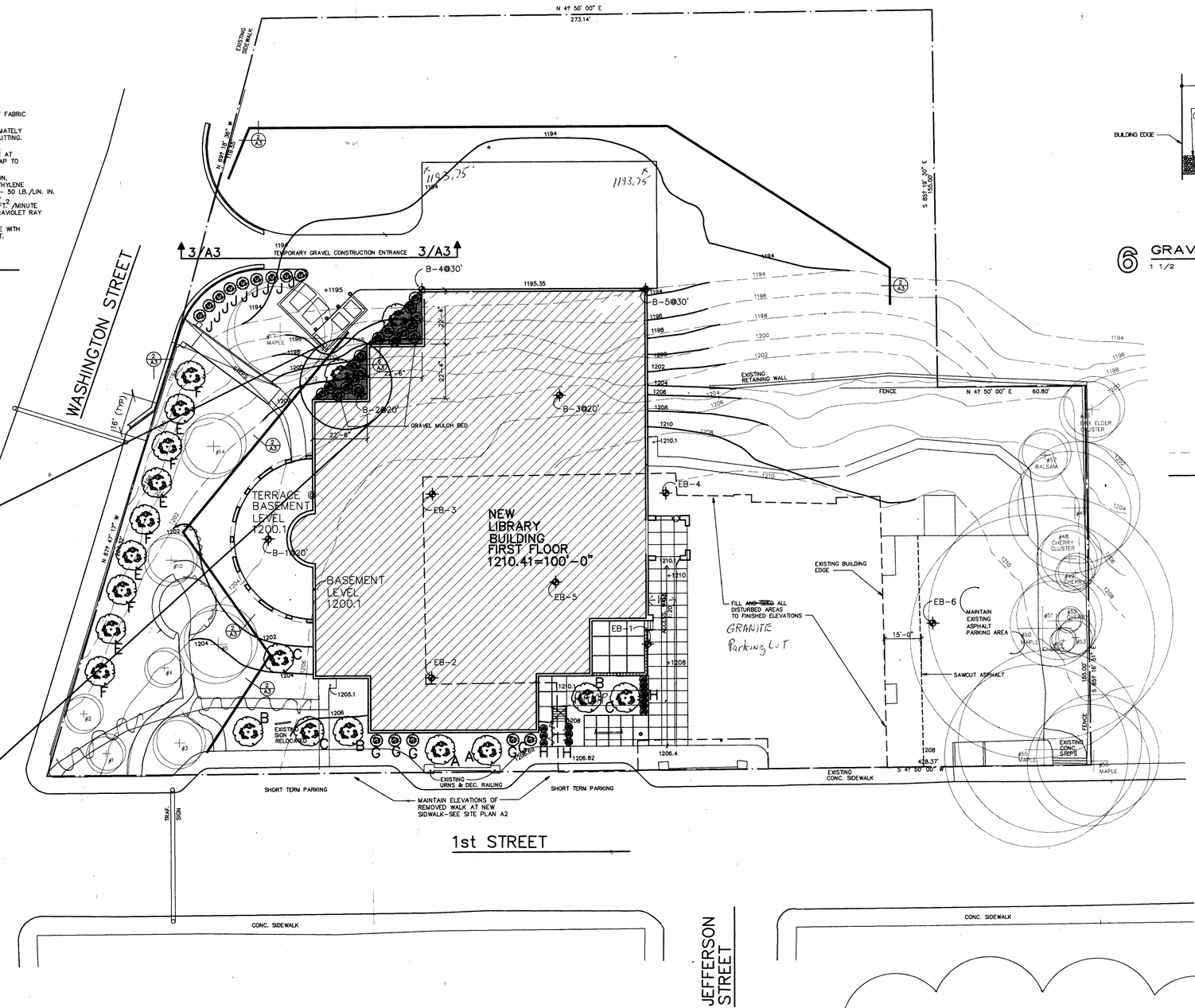
1. THE PROJECT SITE SHALL BE DISTURBED AT IMMEDIATE VICINITY OF BUILDINGS AND DRIVES. DO NOT GRUB ENTIRE SITE UNTIL IT IS FEASIBLE TO VEGETATE FINISH GRADES.
2. THE CONSTRUCTION ACCESS DRIVE SHALL BE ESTABLISHED PRIOR TO ANY SITE EXCAVATION OR DISTURBANCE. THIS DRIVE SHALL BE MINIMUM 50' LONG X 12' WIDE AND FLARE TO 20' AT STREET AND HAVE A 6" BASE OF 2"-3" AGGREGATE. ALL VEHICLES EXITING SITE SHALL USE THE ACCESS DRIVE. THE CONTRACTOR SHALL INSPECT THE DRIVE DAILY. AREAS NOT MEETING THE DESIGN CRITERIA OF THE WISCONSIN CONSTRUCTION SITE BEST MANAGEMENT PRACTICE HANDBOOK SHALL BE REPAIRED OR REPLACED IMMEDIATELY. MAINTAIN ACCESS DRIVE UNTIL PERMANENT DRIVE AND PARKING AREAS ARE ESTABLISHED WITH GRAVEL BASE.
3. INSTALL FABRIC FILTER FENCES AS DETAILED AND LOCATED ON PLANS. CONTRACTOR SHALL INSPECT FENCES WITHIN 24 HOURS AFTER EACH RAIN FALL OR DAILY DURING PROLONGED WET PERIODS. CONTRACTORS SHALL MAINTAIN FENCES UNTIL VEGETATIVE GROWTH IS ESTABLISHED. ALL FENCES SHALL BE REMOVED WHEN VEGETATIVE GROWTH IS SUFFICIENT TO PREVENT EROSION.
4. STOCKPILED TOPSOIL OR ANY OTHER SOILS THAT WILL REMAIN LONGER THAN 7 DAYS SHALL BE PLACED ON AREAS WITH VEGETATIVE GROWTH. COVER THESE PILES WITH PLASTIC OR TARP TO PREVENT EROSION.

SEDIMENT FENCES:

A SEDIMENT FENCE SHALL BE INSTALLED AS INDICATED ON PLAN. SEDIMENT FENCE SHALL ALSO BE PLACED AROUND ANY STOCKPILED SOIL. SEE DETAIL FOR INSTALLATION. ALL FENCES SHALL BE MAINTAINED UNTIL VEGETATIVE COVER IS STABILIZED AND SHALL BE INSPECTED WITHIN 24 HOURS AFTER EACH RAINFALL OR DAILY DURING PROLONGED WET PERIODS. ACCUMULATED SILT SHALL BE REMOVED TO MAINTAIN EFFECTIVENESS OF FENCES AND FENCES SHALL BE REPAIRED AS NEEDED.



TYPICAL AT 2 LOCATIONS AT SOUTHWEST SIDE OF BUILDING



1 LANDSCAPE/GRADING PLAN
1"=20'

EB-1 THRU EB-6 =EXISTING BORINGS
B-1 THRU B-5 = NEW BORINGS

NOTES:

= NEW TREE OR PLANT MATERIAL

= EXISTING TREE - REFER TO SURVEY

= EXISTING CONTOUR

= NEW CONTOUR

PLANTING SCHEDULE

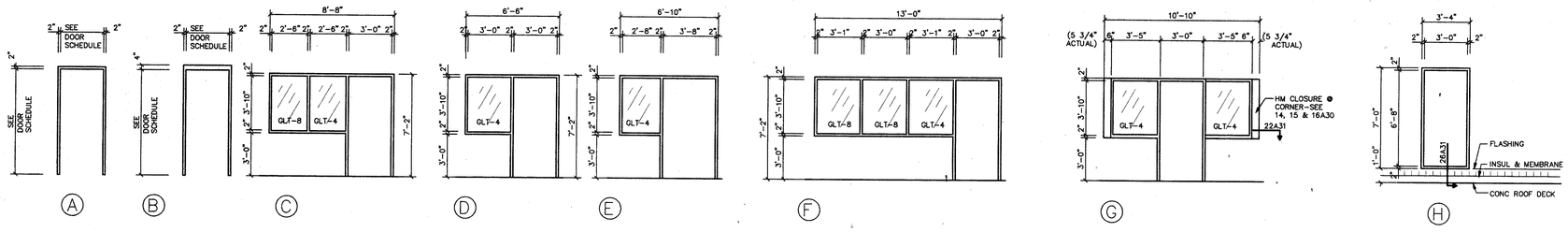
	COMMON NAME	BIOLIGICAL NAME	SIZE	MODE	REMARKS
A	EMERALD QUEEN	ACER PLATANIOIDES	3" CAL	BB	
B	BUR OAK	QUERCUS MACROCARPA	3" CAL	BB	
C	COLORADO BLUE SPRUCE	PICEA PUNGENS GLAUCA	6' HGT	BB	
D	PAPER BIRCH	BETULA PAPYRIFERA	2" CAL	BB	
E	JAPANESE TREE LILAC	SYRINGA AMURENSIS JAPONICA	2" CAL	BB	16'o.c.
F	RED JADE	MALUS	2" CAL	BB	16'o.c.
G	DWARF ALBERTA SPRUCE	PICEA GLAUCA ALBERTIANA	24" HGT	POT	
H	ALPINE CURRANT	RIBES ALPINUM	15"	POT	18"o.c.
J	TECHNY	THUJA OCCIDENTALIS TECHNY	24'	POT	6' O.C.
K	DWARF WINGED EUONYMOUS	ALATUS COMPACTA	15"	POT	
L	SUNSPOT	EUONYMOUS FORTUNEI	12"	POT	

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR 920154
LANDSCAPE/GRADING PLAN
DRAWING JUNE 1993
DATE
DRAWN BY D. RAMSEY ,JPM
REVISION

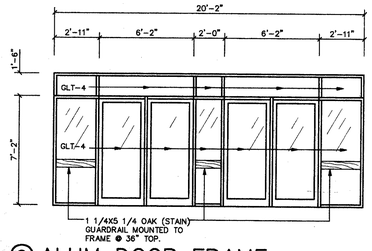
FILE # 92154A3
LAST UPDATE 6-21-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

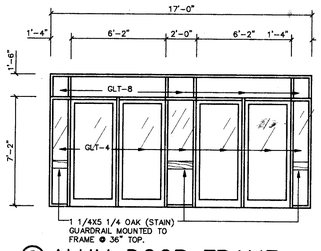
A3



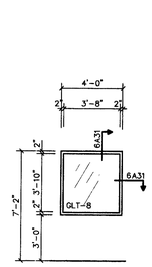
1 HOLLOW METAL DOOR FRAME TYPES
1/4



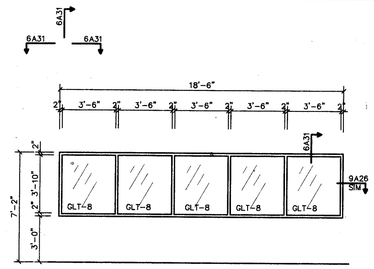
2 ALUM DOOR FRAME
1/4



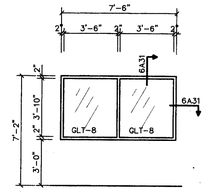
3 ALUM DOOR FRAME
1/4



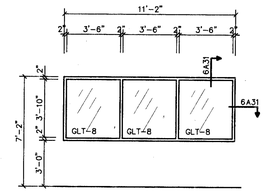
4 HM WDO
1/4



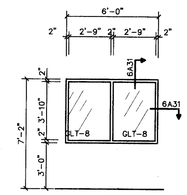
5 HM WDO
1/4



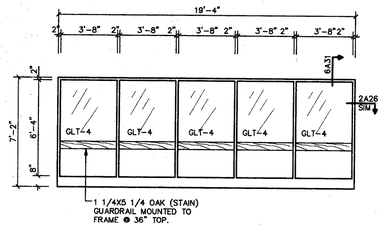
6 HM WDO
1/4



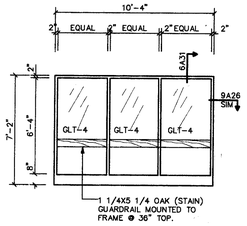
7 HM WDO
1/4



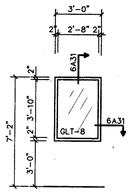
8 HM WDO
1/4



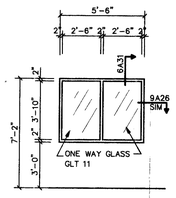
9 HM WDO
1/4



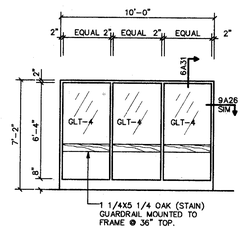
10 HM WDO
1/4



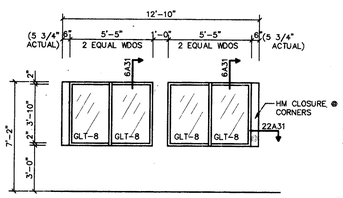
11 HM WDO
1/4



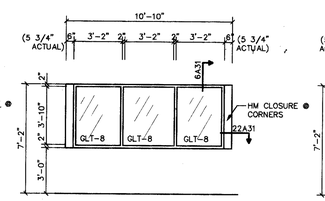
12 HM WDO
1/4



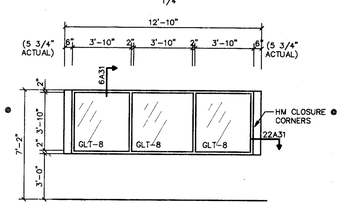
13 HM WDO
1/4



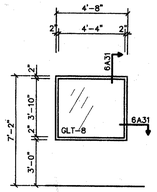
14 HM WDO
1/4



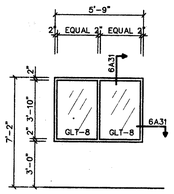
15 HM WDO
1/4



16 HM WDO
1/4



17 HM WDO
1/4



18 HM WDO
1/4

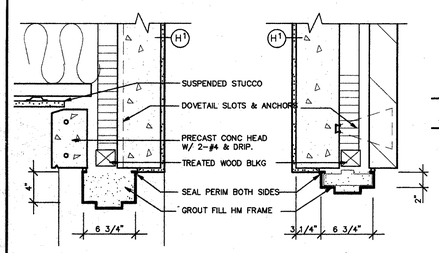
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154
DOOR & WINDOW FRAME ELEVATIONS
JUNE 1993
JPM/GDJ

DRAWING
DATE
DRAWN BY
REVISION

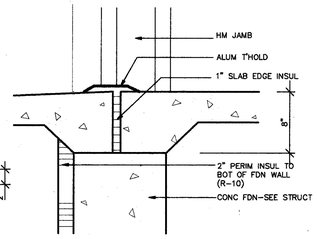
SHT SCALE 1/4"
FILE # 92154A30
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A30

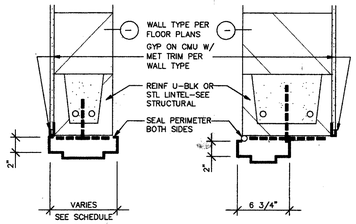


1 HEAD DET
1 1/2"



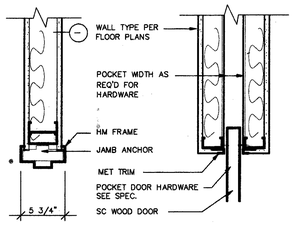
2 JAMB DET
1 1/2"

3 SILL DET
1 1/2"



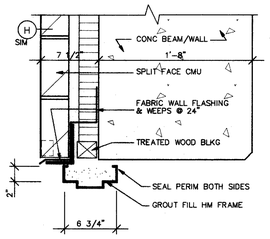
4 HEAD DET
1 1/2" JAMB SIM

5 HEAD DET
1 1/2"

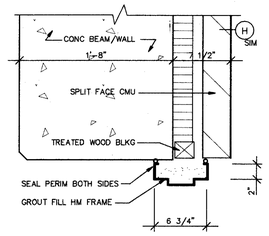


6 JAMB DET
1 1/2" HEAD SIM

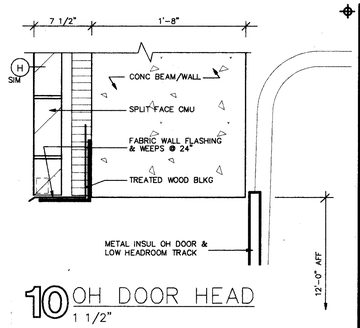
7 JAMB DET
1 1/2" HEAD SIM



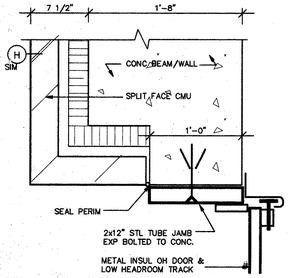
8 HEAD DET
1 1/2"



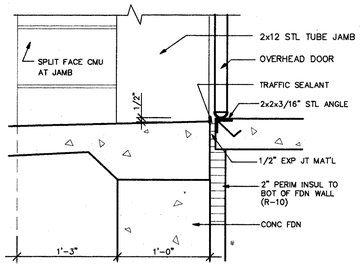
9 JAMB DET
1 1/2"



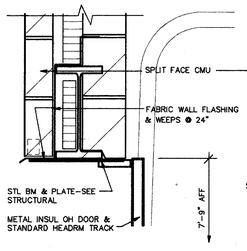
10 OH DOOR HEAD
1 1/2"



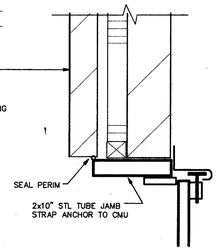
11 OH DOOR JAMB
1 1/2"



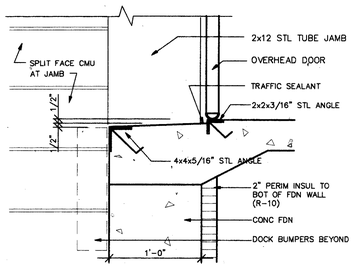
12 OH DOOR SILL
1 1/2"



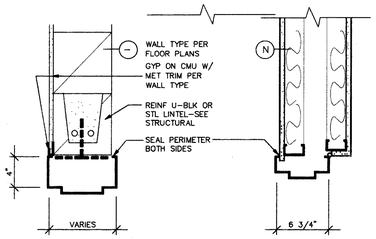
13 HEAD DET
1 1/2"



14 OH DOOR JAMB
1 1/2"

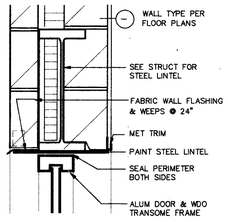


15 OH DOOR SILL
1 1/2"

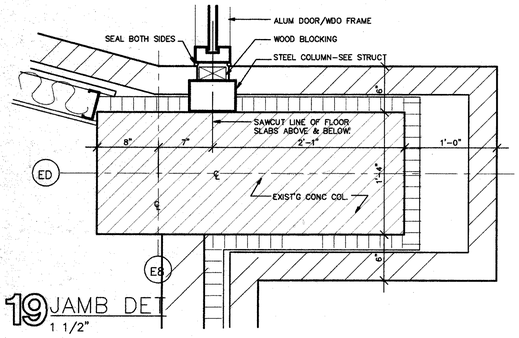


16 HEAD DET
1 1/2" JAMB SIM

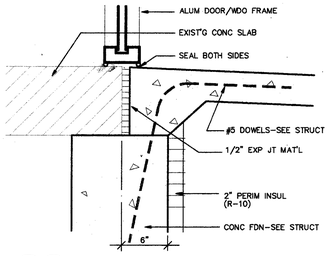
17 HEAD DET
1 1/2" JAMB SIM



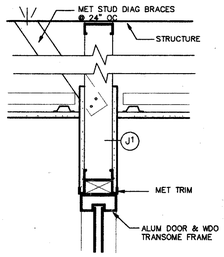
18 HEAD DET
1 1/2"



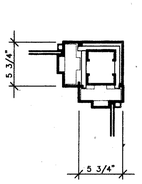
19 JAMB DET
1 1/2"



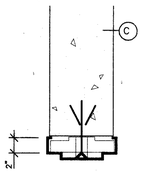
20 SILL DET
1 1/2" SIMILAR @ DOOR



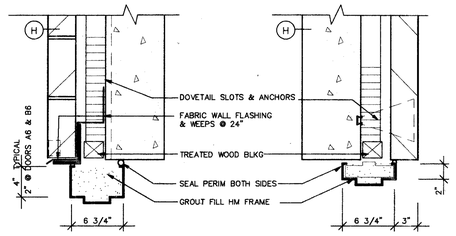
21 HEAD DET
1 1/2"



22 JAMB DET
1 1/2"

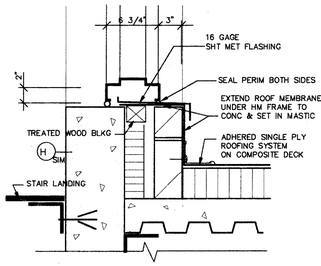


23 HEAD DET
1 1/2" JAMB SIM



24 HEAD DET
1 1/2"

25 JAMB DET
1 1/2"



26 SILL DET
1 1/2"

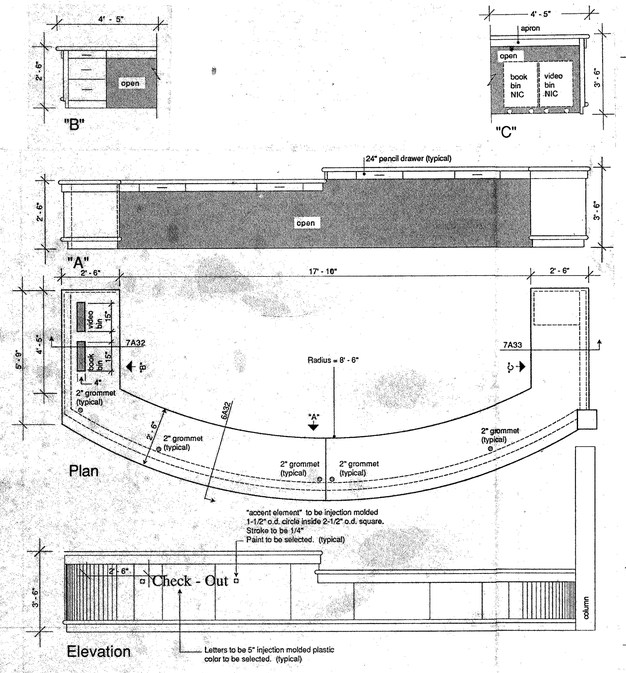
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154

DRAWING DOOR & WINDOW DETAILS
DATE JUNE 1993
DRAWN BY GDJ
REVISION

FILE # 92154A31
LAST UPDATE 6-16-93

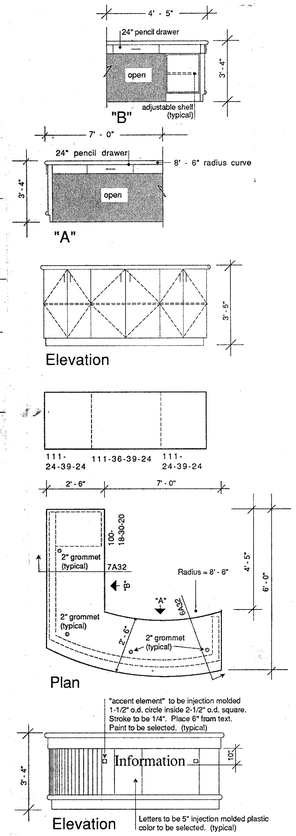
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A31



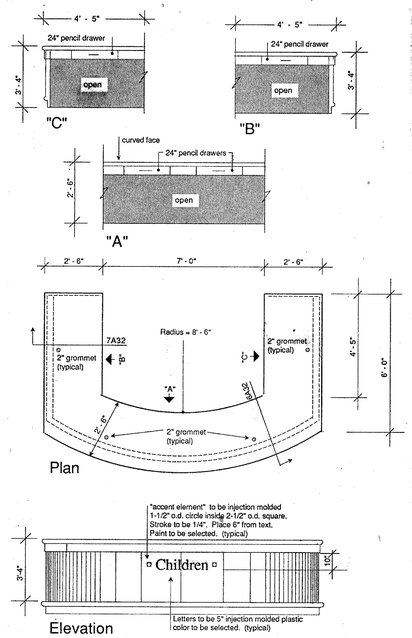
1 Circulation/Automation 109

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



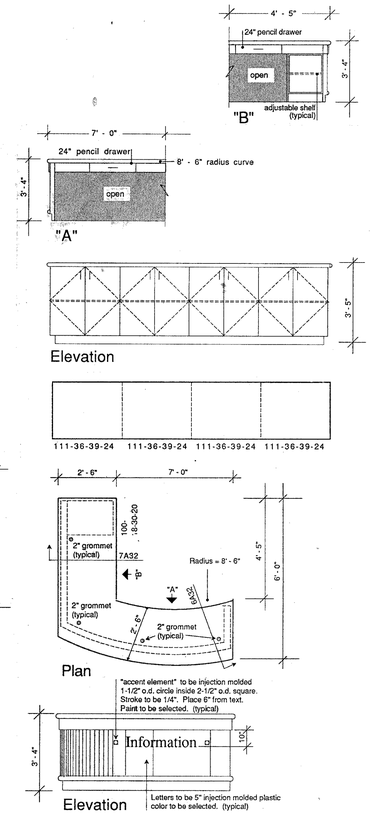
2 Information Desk 117

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



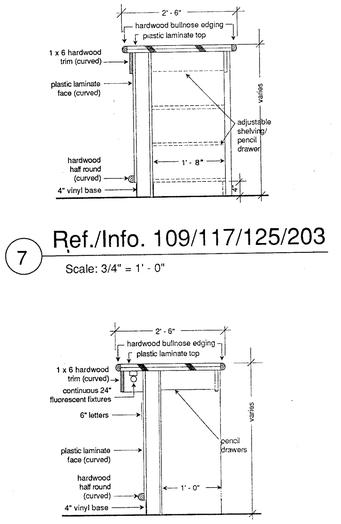
3 Reference (Children's) 125

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



4 Reference (Adult) 203

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



7 Ref./Info. 109/117/125/203

Scale: 3/4" = 1' - 0"

6 Ref./Info. 109/117/125/203

Scale: 3/4" = 1' - 0"

5 Ref./Info. 109/117/125/203

Scale: 3/4" = 1' - 0"

ADD ALTERNATE #1

ADD ALTERNATE #1

GENERAL CASEWORK NOTES:

1. All casework numbers shown refer to "Tru-Bilt" casework, as manufactured by Calmar Manufacturing Company, Inc., of Calmar, Iowa.

2. Casework numbers indicate cabinet numbers and dimensions as shown below:

413(L) -36- -30- -13 M ← Indicates modification to cabinetry as indicated by preceding numbers.

Cabinet No. with Left/Right hinge orientation as required — Width — Height — Depth

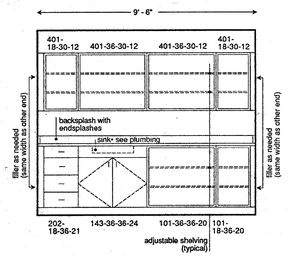
3. General contractor to provide 2x4 wood blocking between metal studs for casework. Mounting to be at the top and bottom of all wall cabinets and at the top of all base cabinets. See plans for all wall types.

4. Countertops to be 1 1/8" thick unless otherwise indicated. Backsplashes to be 1-1/8" laminate, 4" high. Edge treatment to be self-edge bullnose unless otherwise indicated.

5. Countertops to be 24" deep unless otherwise indicated.

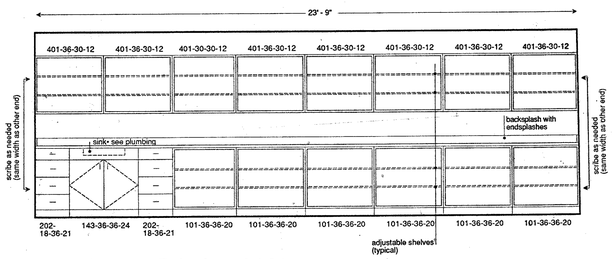
6. Upper cabinets to be mounted 4' - 6" from finished floor to bottom of cabinet.

7. Open shelving to be 3/4" thick plastic laminate reinforced with 3/4" x 2" PLASTIC LAMINATE COVERED EDGING - FRONT & BACK.



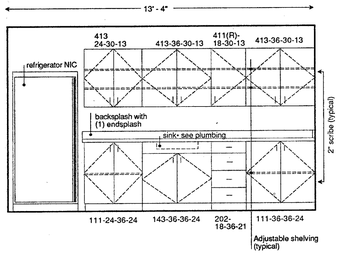
8 Work Area 008

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



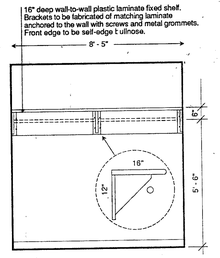
9 Copy / Printing 010

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



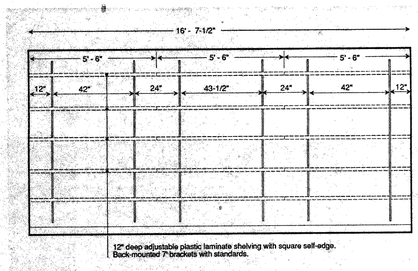
10 Kitchen 015

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



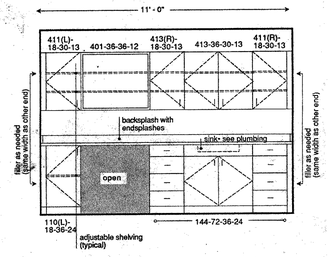
11 Coats 017

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



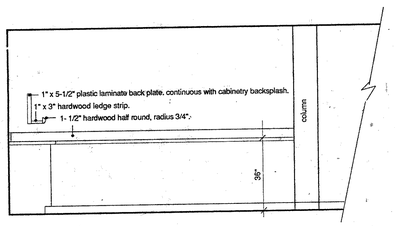
12 Boardroom 018

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



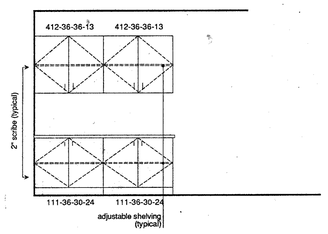
13 Conference Room 027

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



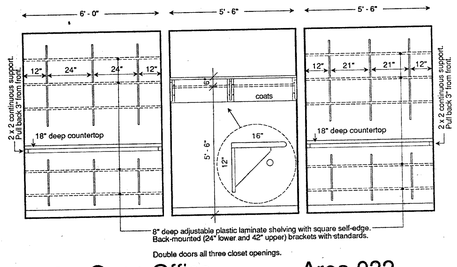
14 Conference 027 (east wall)

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



15 Director's Office (Stetina) 028

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



16 Open Office (Olbrantz/Rainville) Area 032

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

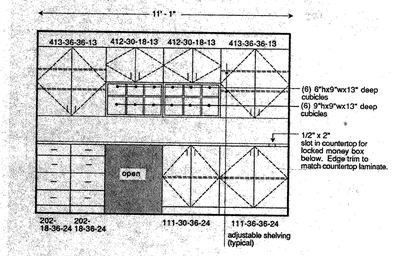
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING CASEWORK ELEVATIONS AND DETAILS
DATE JUNE 1993
DRAWN BY DOH
REVISION

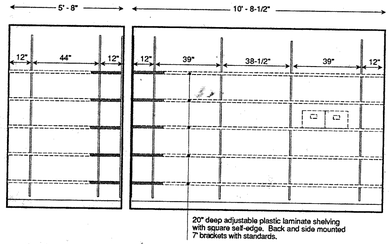
FILE # 92154A32
LAST UPDATE 6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

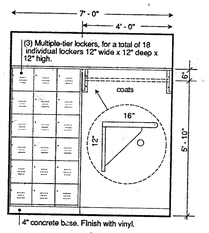
A32



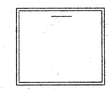
1 Copy Room 033
Scale: 3/8" = 1' - 0"



2 File Room 035
Scale: 3/8" = 1' - 0"

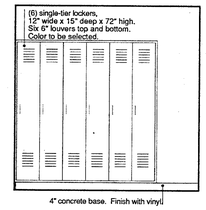


3 Volunteers 037
Scale: 3/8" = 1' - 0"

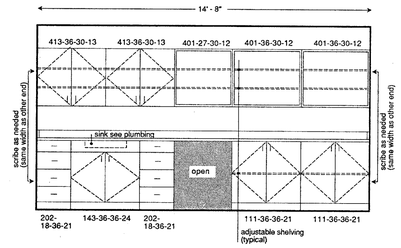


"Tru-Bilt" # 1250 drop down writing desk.
Door opens to horizontal to provide writing surface.
Two racks at rear.

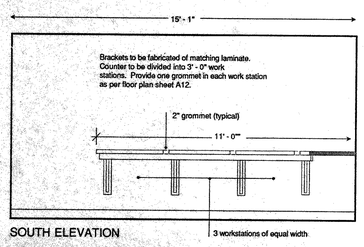
4 Dock 042
Scale: 1" = 1' - 0"



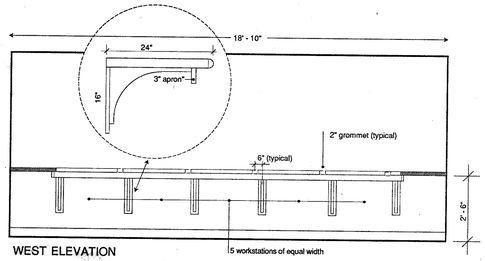
5 Lockers 045
Scale: 3/8" = 1' - 0"



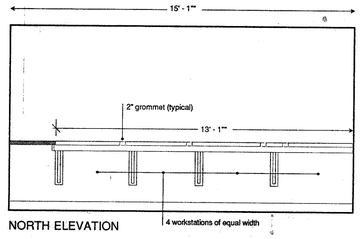
6 Staff Lounge 050
Scale: 3/8" = 1' - 0"



SOUTH ELEVATION

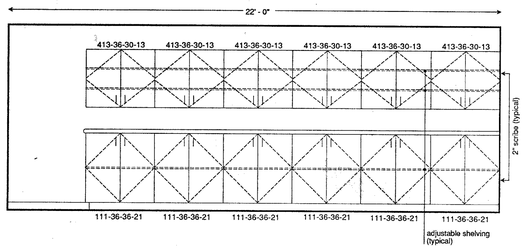


WEST ELEVATION

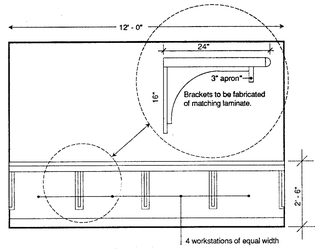


NORTH ELEVATION

7 Adult Computer 119
Scale: 3/8" = 1' - 0"

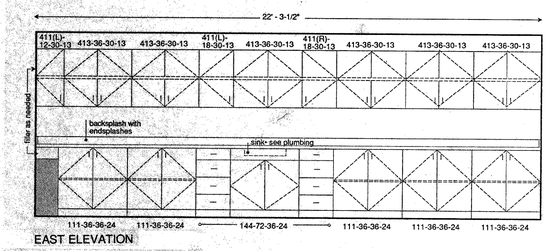


8 Children's Story Room 126
Scale: 3/8" = 1' - 0"

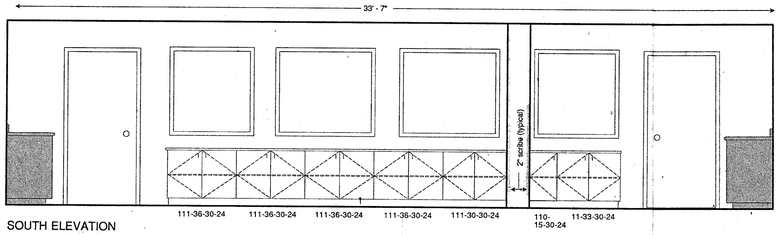


EAST AND WEST ELEVATIONS

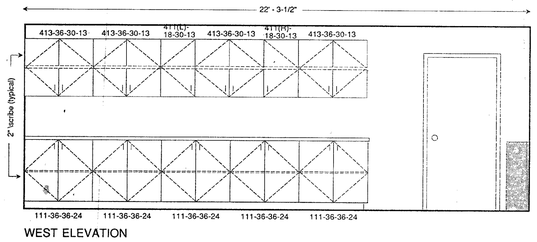
9 Children's Computer 127
Scale: 3/8" = 1' - 0"



EAST ELEVATION

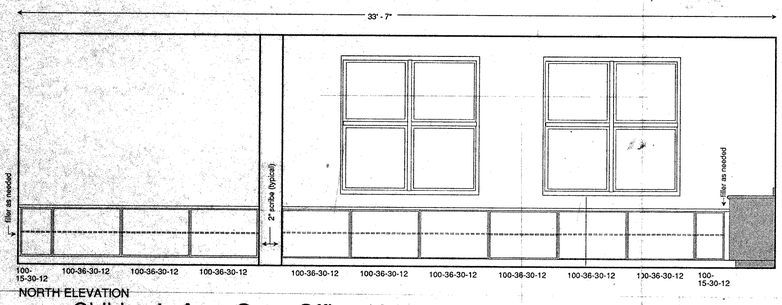


SOUTH ELEVATION



WEST ELEVATION

10 Children's Area Open Office 134
Scale: 3/8" = 1' - 0"



NORTH ELEVATION

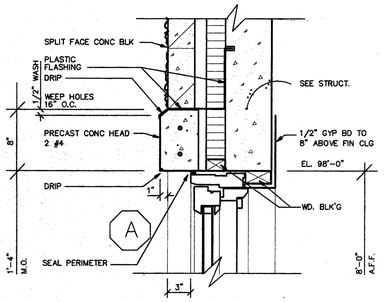
10 Children's Area Open Office 134
(continued from above)
Scale: 3/8" = 1' - 0"

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154
CASEWORK ELEVATIONS AND DETAILS
DRAWING
DATE JUNE 1993
DRAWN BY DOH
REVISION

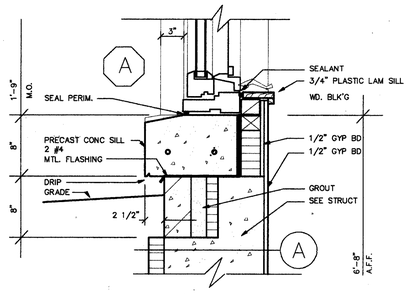
FILE # 92154A33
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

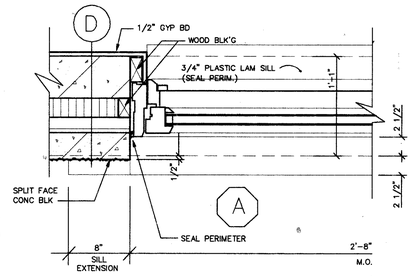
A33



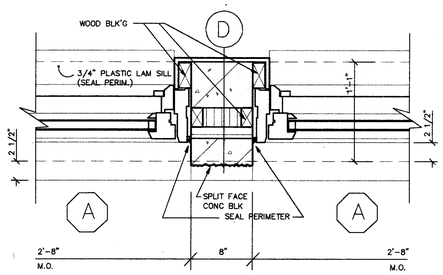
1 WINDOW HEAD
1 1/2"



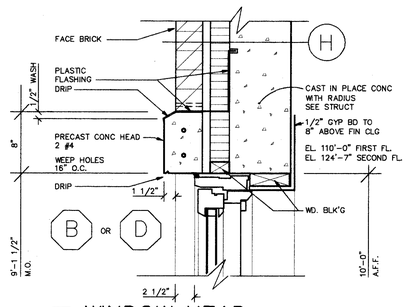
2 WINDOW SILL
1 1/2"



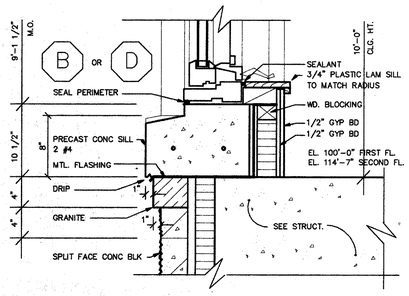
3 WINDOW JAMB
1 1/2"



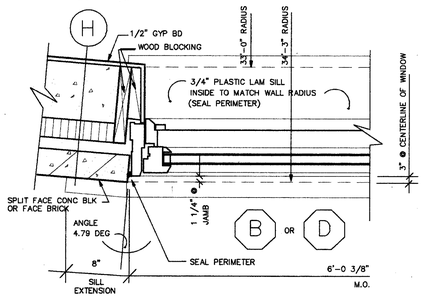
4 WINDOW MULLION
1 1/2"



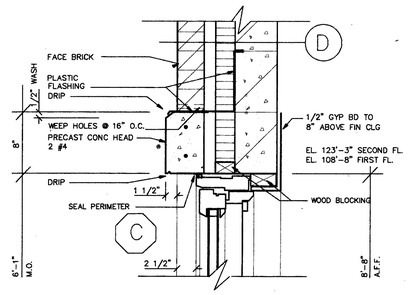
5 WINDOW HEAD
1 1/2"



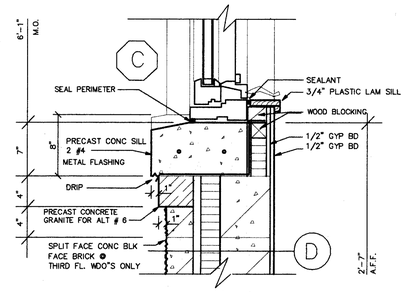
6 WINDOW SILL
1 1/2"



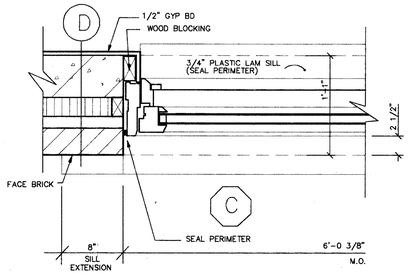
7 WINDOW JAMB
1 1/2"



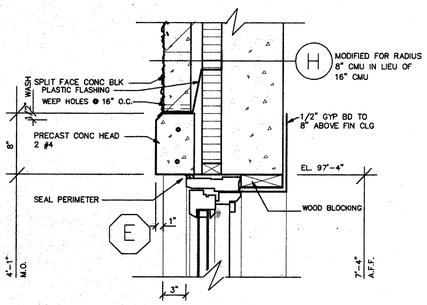
8 WINDOW HEAD
1 1/2"



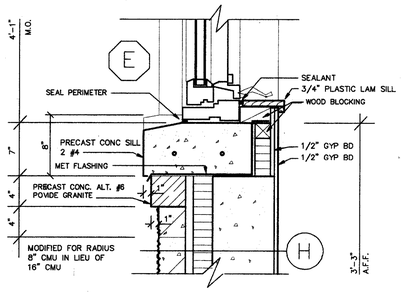
9 WINDOW SILL
1 1/2"



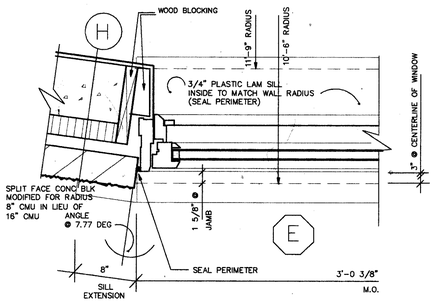
10 WINDOW JAMB
1 1/2"



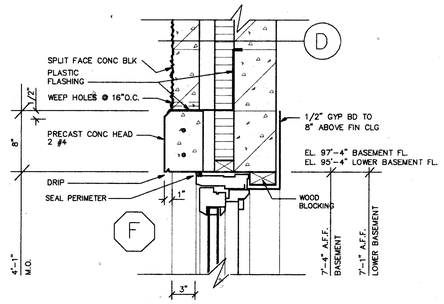
11 WINDOW HEAD
1 1/2"



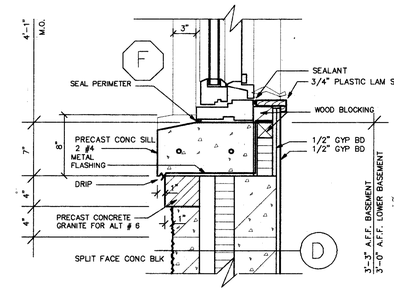
12 WINDOW SILL
1 1/2"



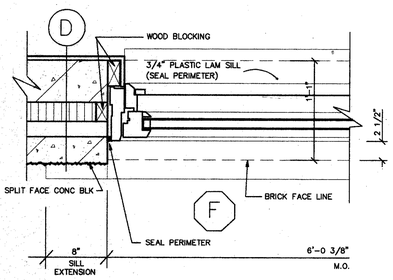
13 WINDOW JAMB
1 1/2"



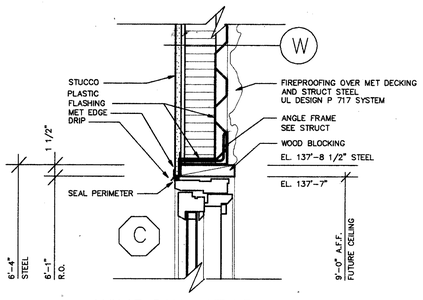
14 WINDOW HEAD
1 1/2"



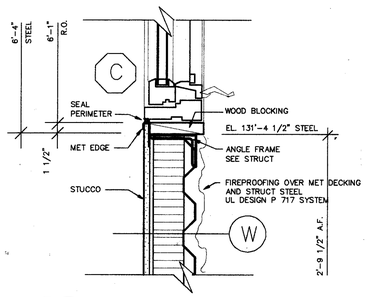
15 WINDOW SILL
1 1/2"



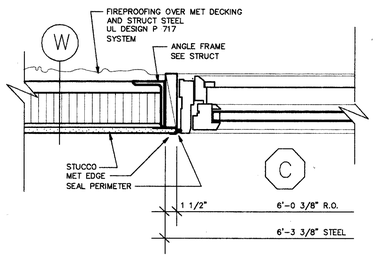
16 WINDOW JAMB
1 1/2"



17 WINDOW HEAD
1 1/2"



18 WINDOW SILL
1 1/2"



19 WINDOW JAMB
1 1/2"

GENERAL NOTES

PACK ALL WDO SHIM SPACES W/ INSULATION TYPICAL

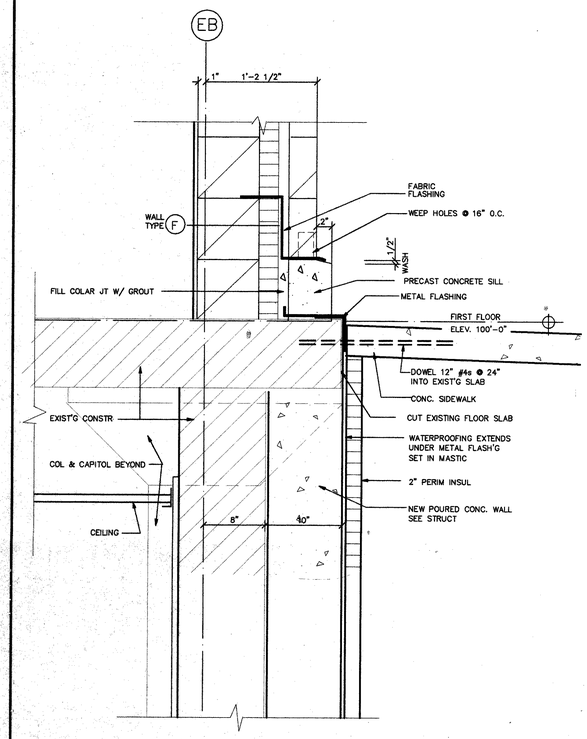
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154

DRAWING WINDOW DETAILS
DATE JUNE 1993
DRAWN BY MLJ
REVISION

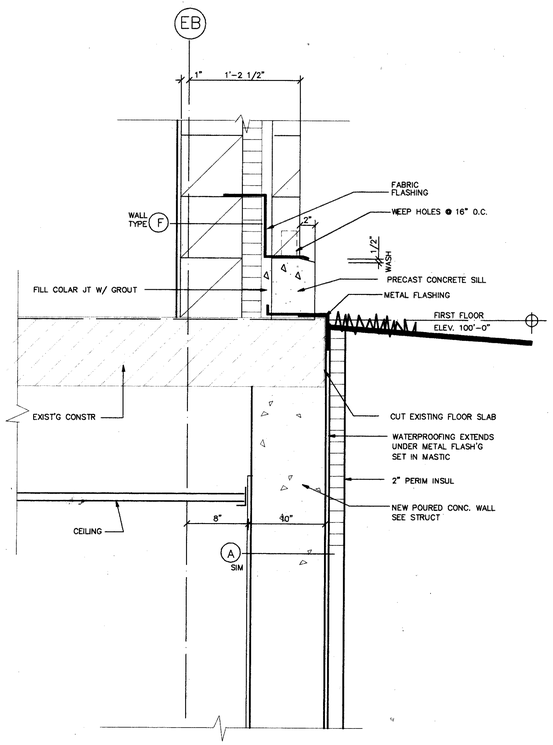
FILE # 92154A34
LAST UPDATE 6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

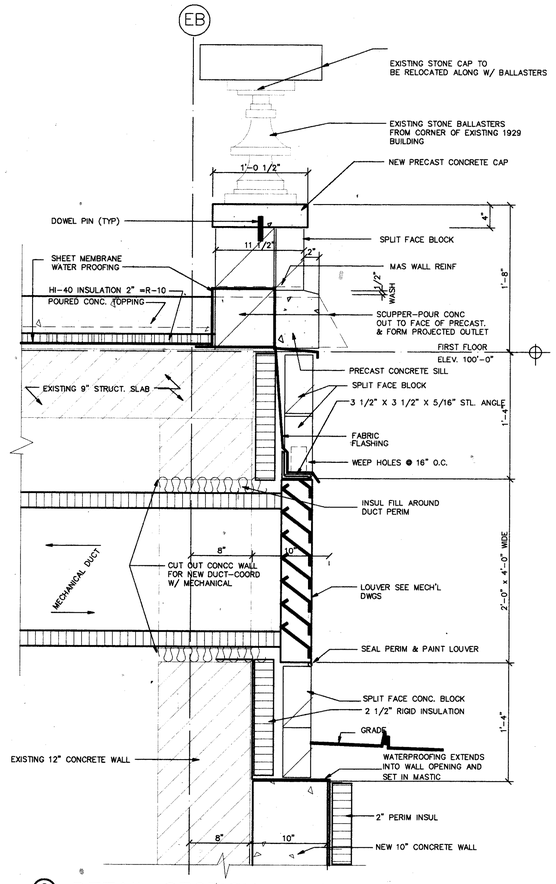
A34



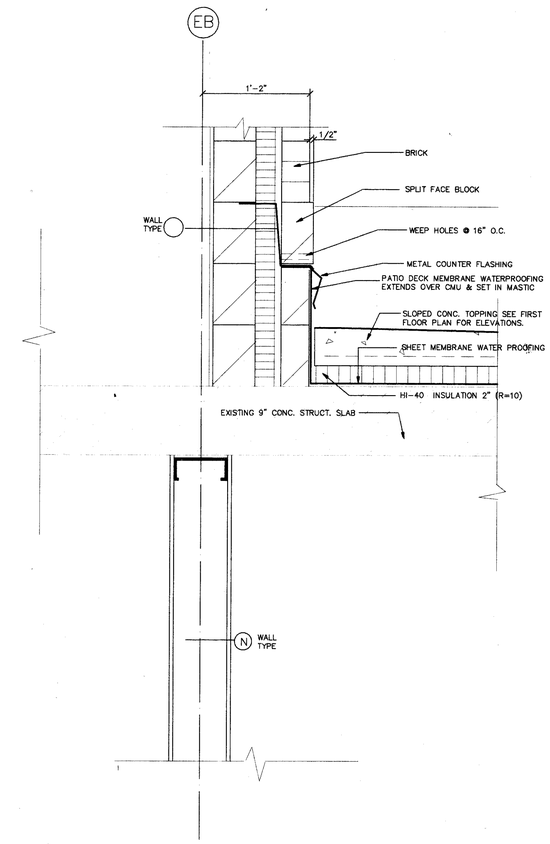
1 DETAIL SECTION
1 1/2"



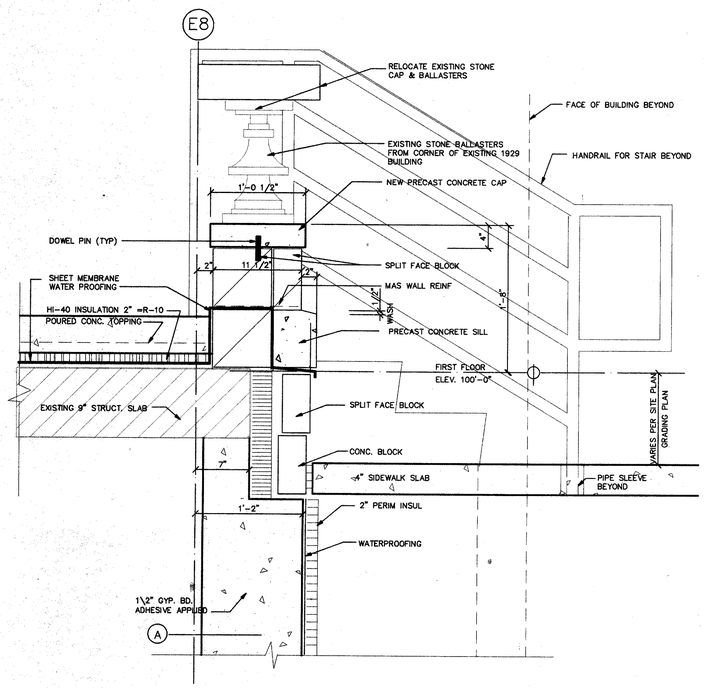
2 DETAIL SECTION
1 1/2"



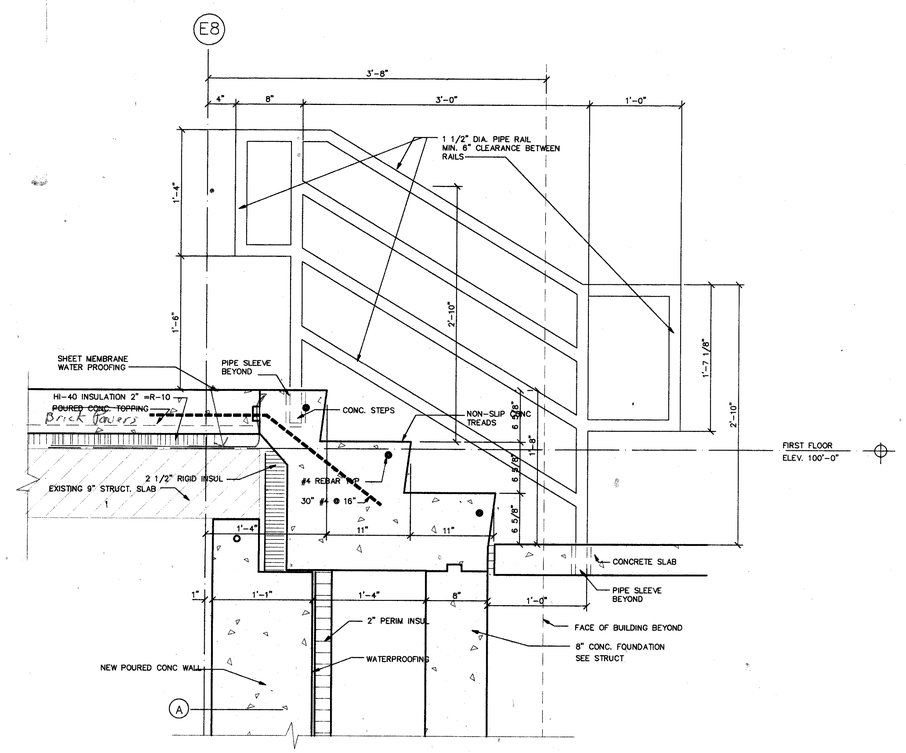
3 DETAIL SECTION
1 1/2"



4 DETAIL SECTION
1 1/2"



5 DETAIL SECTION
1 1/2"



6 DETAIL SECTION

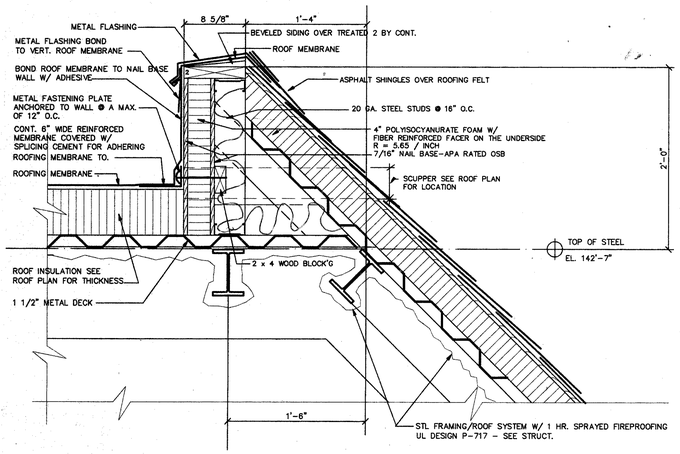
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154

DRAWING MISCELLANEOUS DETAILS
DATE JUNE 1993
DRAWN BY MLJ
REVISION

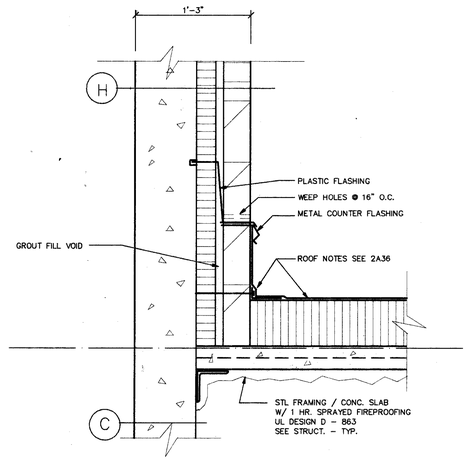
FILE # 920154A35
LAST UPDATE
6-18-93

BOCIATES INC
TECTURE
NEERING
AND MADSON WI

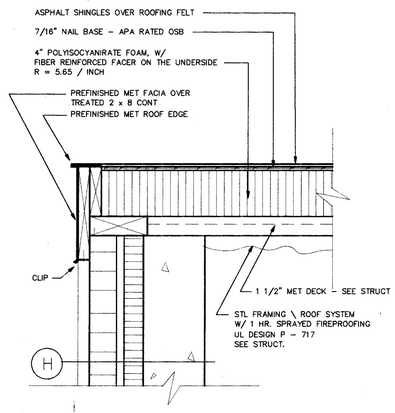
35



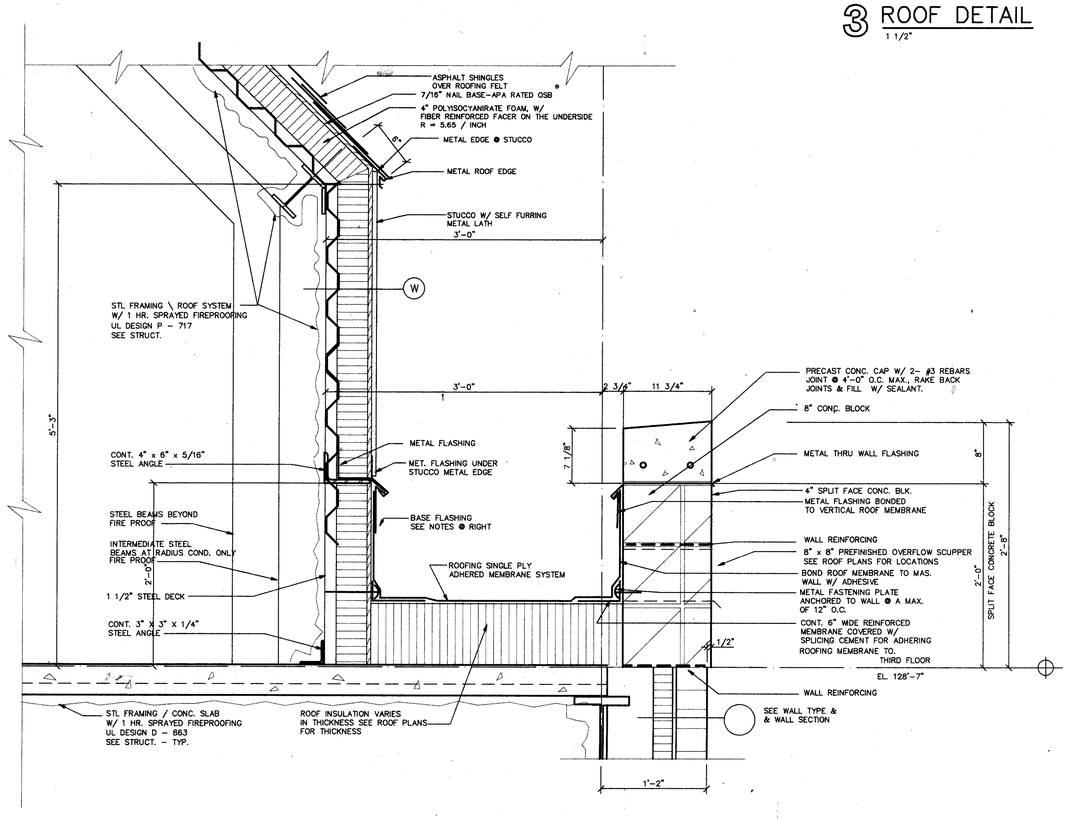
1 ROOF EDGE DETAIL
1 1/2"



3 ROOF DETAIL
1 1/2"



4 ROOF EDGE DETAIL
1 1/2"



2 ROOF EDGE DETAIL
1 1/2"

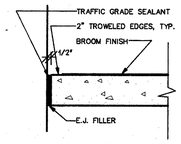
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR L920154

DRAWING ROOF DETAILS
DATE JUNE 1993
DRAWN BY MLJ
REVISION

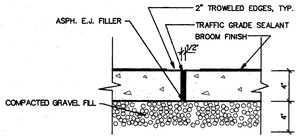
FILE # 920154A36
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A36

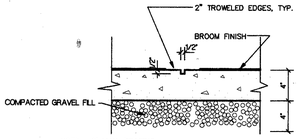


1 WALK AT BLDG.
1 1/2



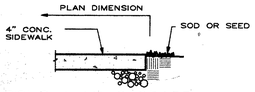
NOTE: PROVIDE E.Js @ INTERSECTIONS OF WALKS AND @ 20' MAX. SPACING

2 SIDEWALK EXP. JOINT (E.J.)
1 1/2

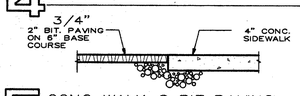


NOTE: 5' MAX. SPACING

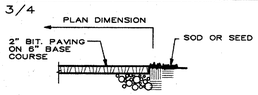
3 SIDEWALK CONTROL JT. (C.J.)
1 1/2



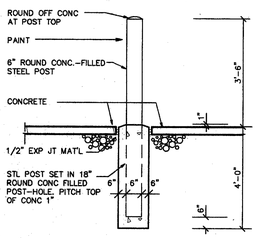
4 CONC WALK @ GRASS
3/4"



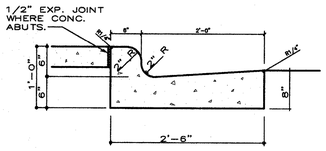
5 CONC WALK @ BIT PAVING
3/4



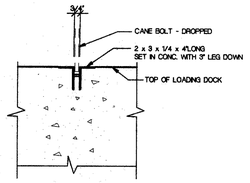
6 BIT PAVING @ GRASS
3/4"



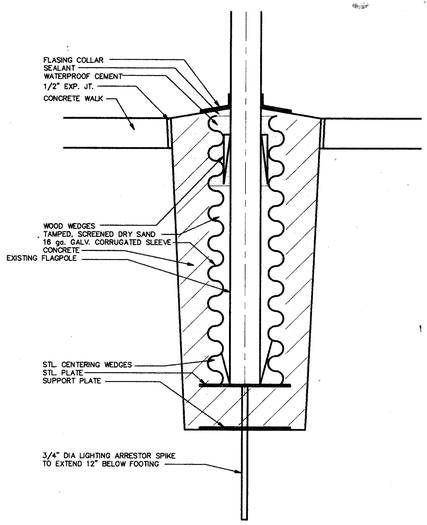
7 GUARDPOST DETAIL
NO SCALE



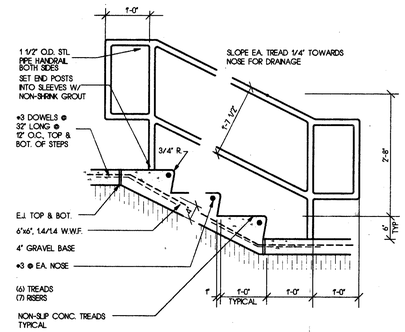
8 CURB & GUTTER SECTION
N.T.S.



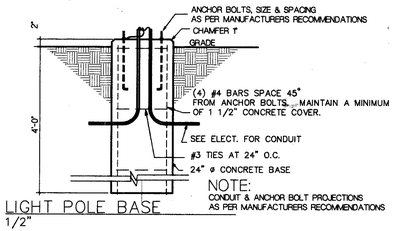
9 CANE BOLT CATCH



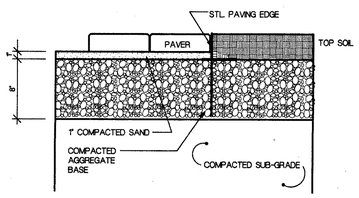
10 EXIST. FLAGPOLE IN NEW FLAGPOLE BASE
NO SCALE



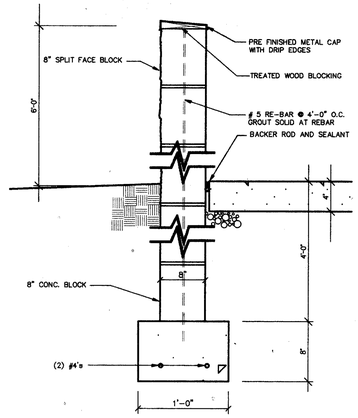
11 STEP DETAIL
3/4" = 1'-0"



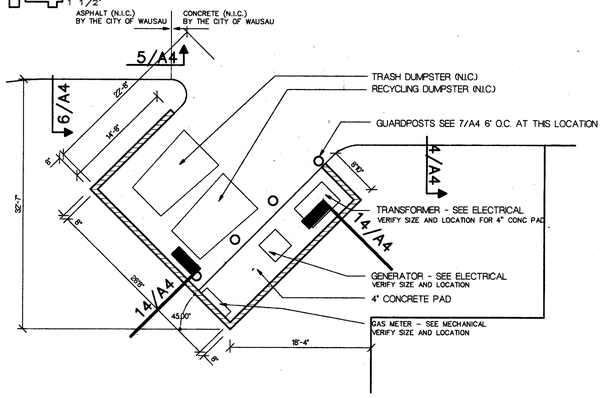
12 LIGHT POLE BASE
1/2"



13 PAVER EDGE (ALT. #7)
NO SCALE



14 TRASH ENCLOSURE
1 1/2"



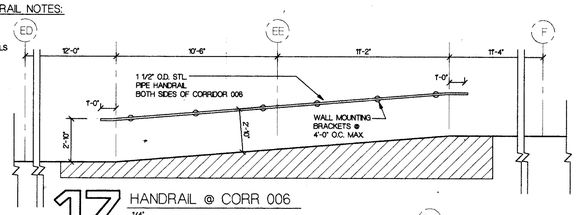
15 ENLARGED PLAN @ TRASH ENCLOSURE
1/8"

16 NOT USED

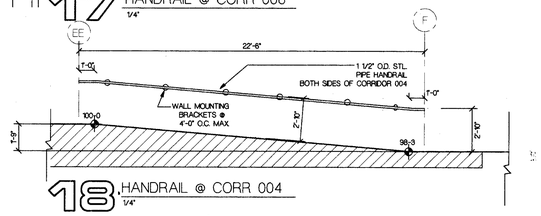
STL. PIPE RAILING ELEVATIONS

GENERAL HANDRAIL AND GUARDRAIL NOTES:

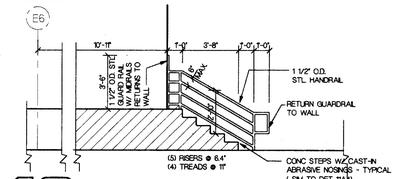
- ALL PIPE RAILS ARE 1 1/2" O.D.
- SPACING BETWEEN MDRAILS IS 6" MAXIMUM
- PAINT ALL STL. PIPE HANDRAILS AND GUARDRAILS
- PROVIDE PIPE SLEEVES FOR ALL STL PIPES GOING INTO CONC. SLABS



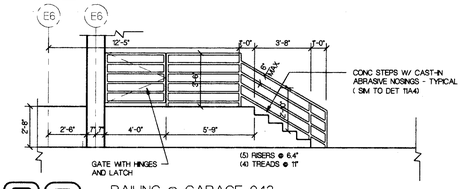
17 HANDRAIL @ CORR 006
1/4"



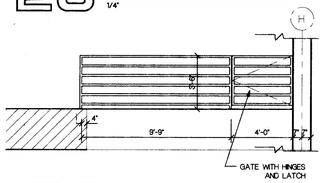
18 HANDRAIL @ CORR 004
1/4"



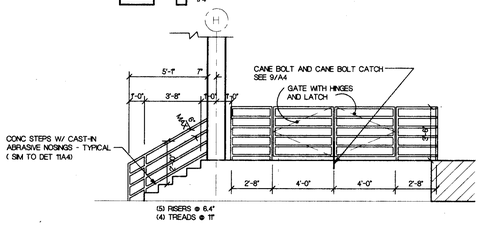
19 RAILING @ GARAGE 043
1/4"



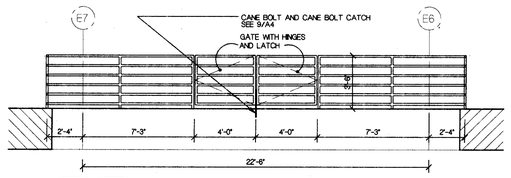
20 RAILING @ GARAGE 043
1/4"



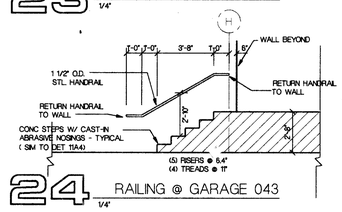
21 N. ELEV. @ GARAGE 043
1/4"



22 S. ELEV. @ GARAGE 043
1/4"



23 E. ELEV. @ GARAGE 043
1/4"



24 RAILING @ GARAGE 043
1/4"

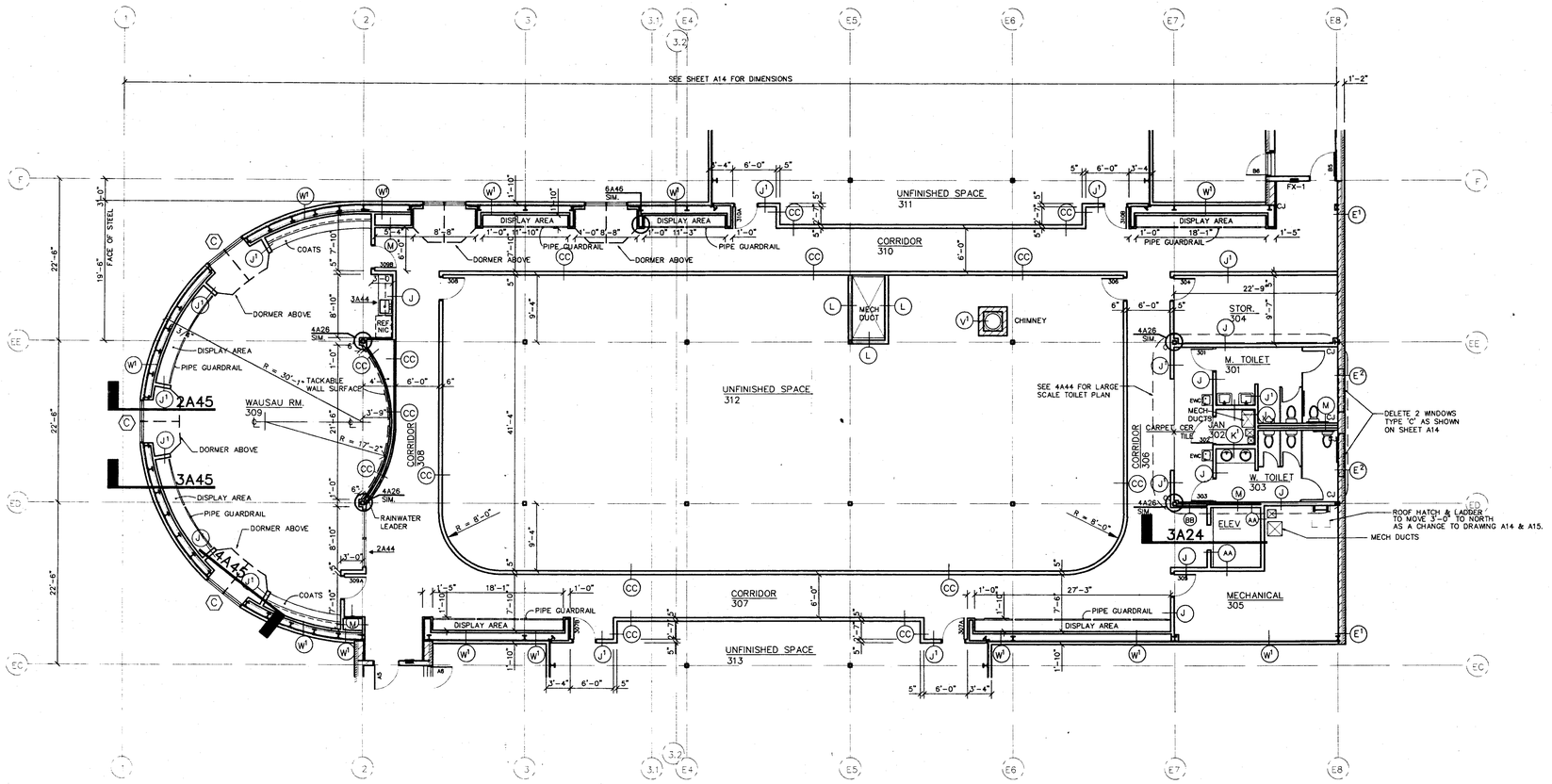
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR 920154
SITE DETAILS
JUNE 1993
JPM

DRAWING
DATE
DRAWN BY
REVISION

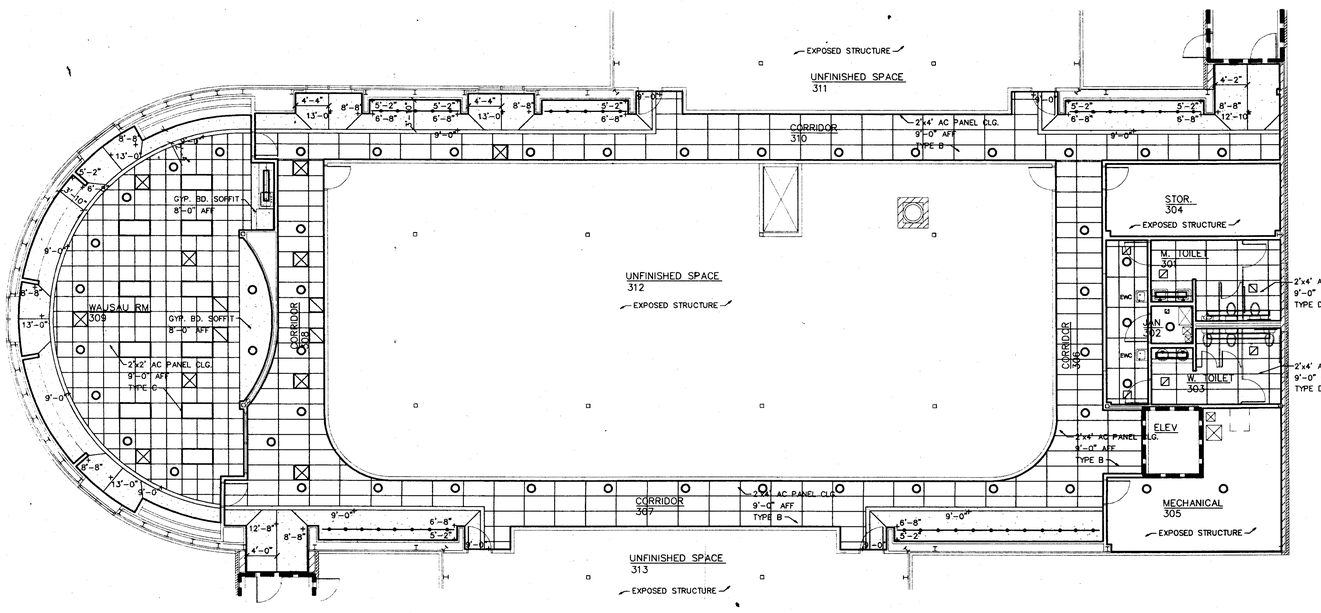
FILE # 92154A4 PLOT 1"=20'
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

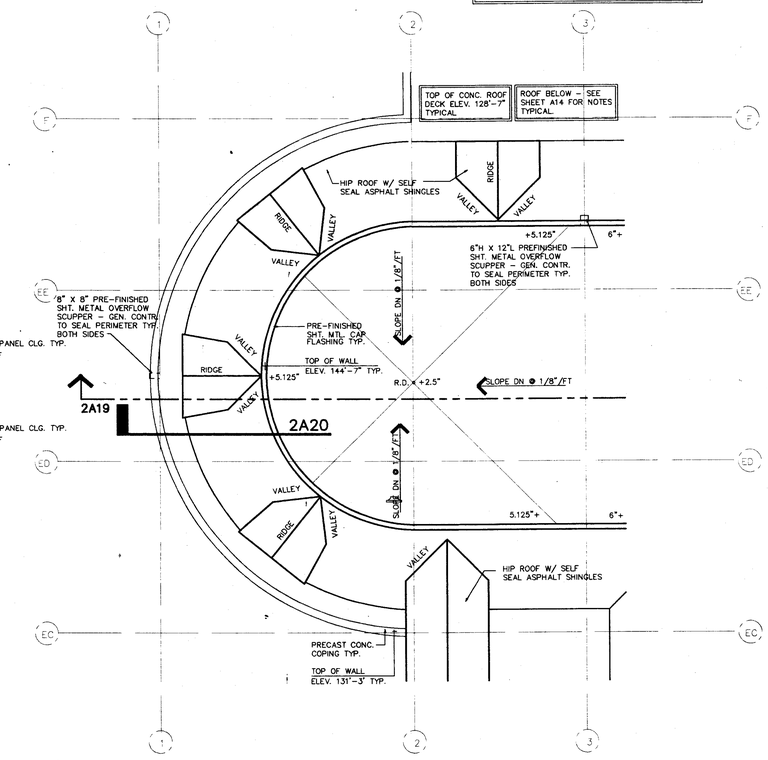
A4



1 PARTIAL THIRD FLOOR PLAN
1/8" = 1'-0"
REVISED FLOOR PLAN 1A14



2 PARTIAL THIRD FLOOR REFLECTED CEILING PLAN
1/8" = 1'-0"



3 PARTIAL ROOF PLAN
1/8" = 1'-0"
REVISED ROOF PLAN 1A15

FLOOR PLAN NOTES:

- (A) SYMBOL INDICATES WALL TYPE – SEE SHEET A26 & A46 FOR DETAILS
- (A) SYMBOL INDICATES WDO TYPE – SEE SHEET A30 FOR ELEVATIONS.
- ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT OF STRUCT ABOVE UNLESS OTHERWISE INDICATED.
- VERIFY SIZE AND LOCATIONS OF ALL MECH WALL/FLOOR OPN'GS GEN CONTR TO SEAL LOUVER PERIMETER AND PAINT – TYP.
- FIELD VERIFY EXISTING BLD'G DIMENSIONS REQUIRED FOR NEW CONSTRUCTION PRIOR TO ANY FABRICATION.
- PROVIDE VERTICAL CJ'S FULL HEIGHT OF WALL AT BOTH JAMBS OF ALL INTERIOR DOOR FRAMES AT ALL MAS. AND GYP. BD./MTL. STUD PARTITIONS – TYPICAL – OTHER CJ LOCATIONS AS INDICATED ON PLANS.

REFLECTED CEILING PLAN NOTES

1. ALL PARTITIONS ARE TO EXTEND FULL HEIGHT TO BOT. OF STRUCT. ABOVE UNLESS OTHERWISE NOTED.
2. SEE MECH. FOR CLG. ACCESS PANEL LOCATIONS & SIZES.
3. VERIFY ALL CLG. GRILLE LOCATIONS & SIZES W/ MECH.
4. VERIFY ALL FIXTURE TYPES & LOCATIONS W/ELECTRICAL.

SYMBOL KEY

- LIGHT FIXTURES– SEE ELECTRICAL DRAWINGS FOR TYPES.
- SLOT AIR DIFFUSER– SEE MECH. FOR SIZE & VERIFY LOCATIONS.
- AIR DIFFUSER– SEE MECH. FOR SIZE & LOCATIONS.
- SPEAKER– CENTER IN CLG. PANEL, SEE ELECTRICAL
- 1 HOUR FIRE SEPARATION

ROOF PLAN NOTES

- ALL NEW FLAT ROOF AREAS ARE TO BE ADHERED SINGLE MENBRANE ROOFING SYSTEM WITH TAPERED ROOF INSUL. (R=5.65/INCH) OVER ROOF DECK. – ROOF INSULATION THICKNESS AS SHOWN ON PLAN
- VERIFY LOCATION AND SIZE OF ALL MECHANICAL OPENINGS WITH HVC AND PLB'G. MECH. CONTR. TO PROVIDE PRE-MANUF. ROOF EQUIP. CURBS TYPICAL.
- ALL HIP ROOF AREAS TO BE SELF-SEAL ASPHALT SHINGLES – SEE DETAILS .
- SEE WALL SECTIONS AND SHEET A36 FOR ROOF DETAILS.

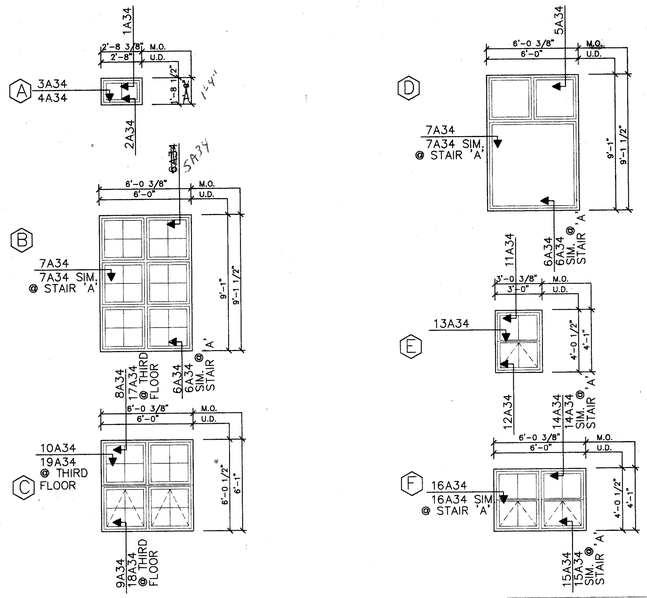
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154/930106

DRAWING THIRD FLOOR PLAN, THIRD FLOOR REF. CLG. PLAN, ROOF PLAN
DATE MARCH 1994
DRAWN BY GDJ/DJR
REVISION –

FILE # 93106A43
LAST UPDATE 3-7-94

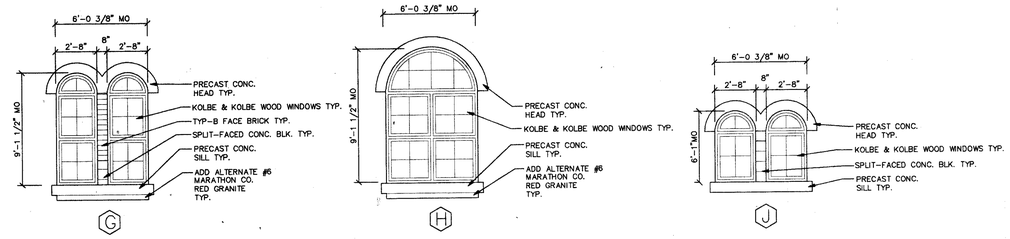
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A43 BULLETIN #13



3 WINDOW SCHEDULE

1/4"



4 ADD ALTERNATE #2

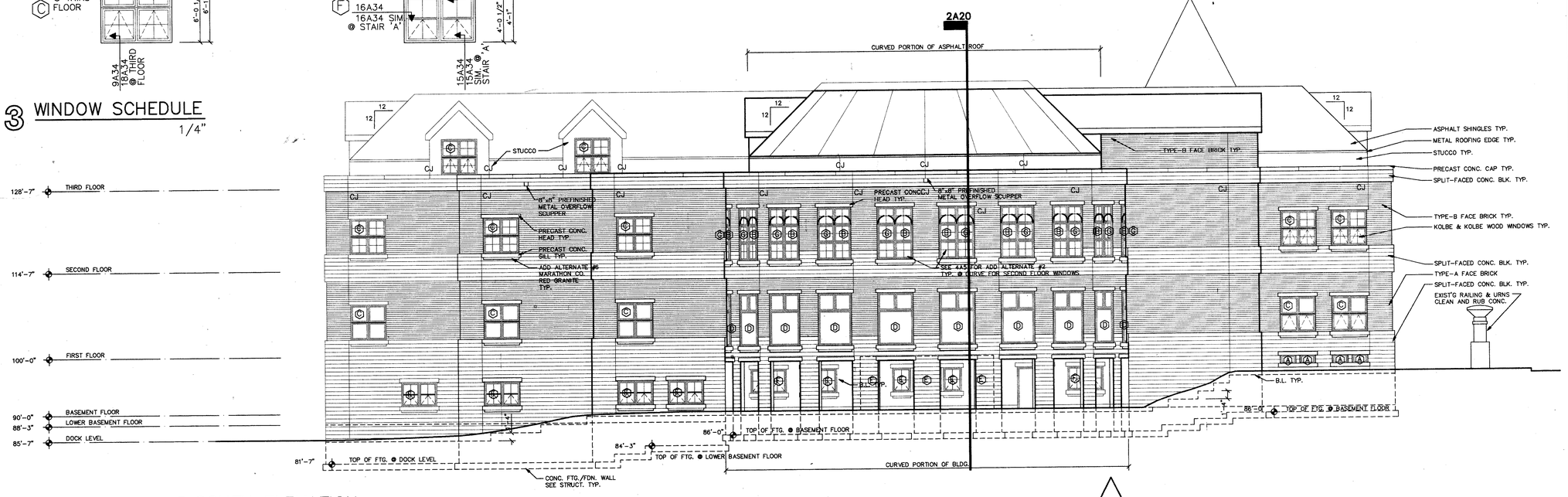
SECOND FLOOR WINDOWS @ CURVE 1/4"

5 ADD ALTERNATE #2

SECOND FLOOR WINDOWS @ MAIN STAIR TOWER "C" & THIRD FL @ NORTH WALL ABOVE ENTRANCE PORTICO 1/4"

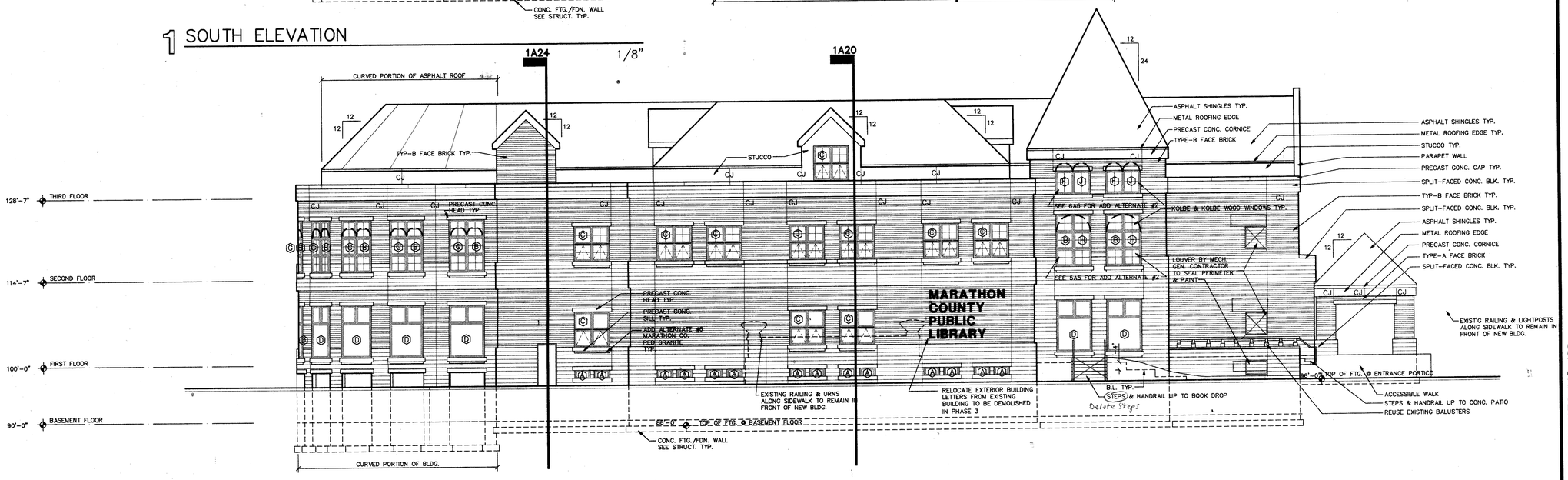
6 ADD ALTERNATE #2

THIRD FLOOR WINDOWS @ MAIN STAIR TOWER 1/4"



1 SOUTH ELEVATION

1/8"



2 EAST ELEVATION

1/8"

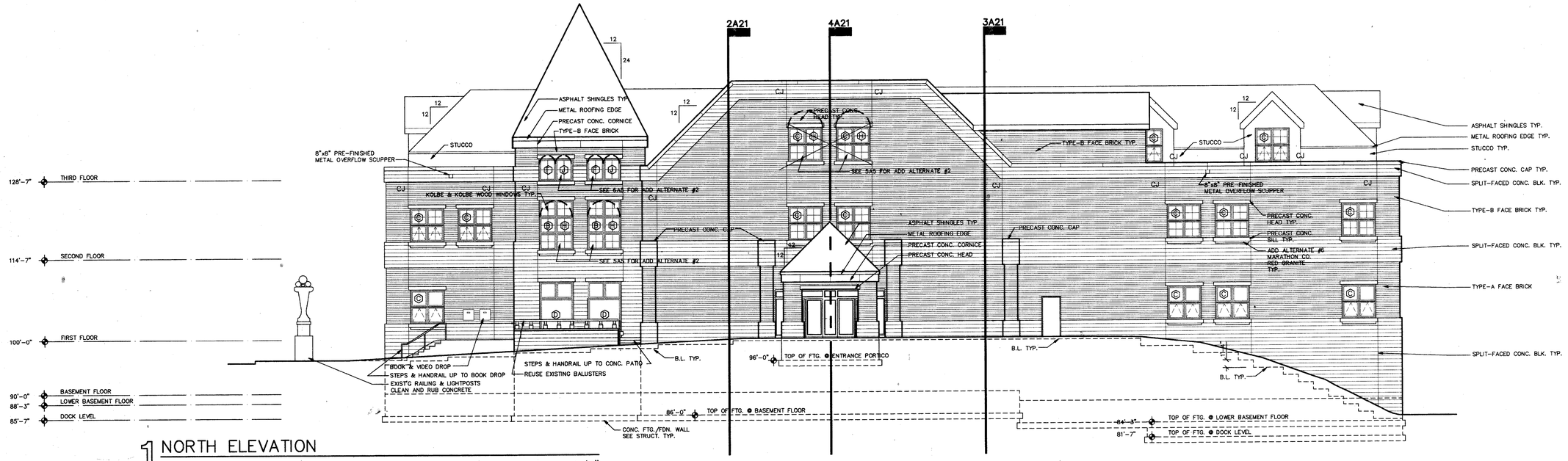
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
HSR 920154

DRAWING ELEVATIONS
DATE JUNE 1993
DRAWN BY D. RAMSEY
REVISION

FILE # 92154e5
LAST UPDATE 15 JUNE 1993

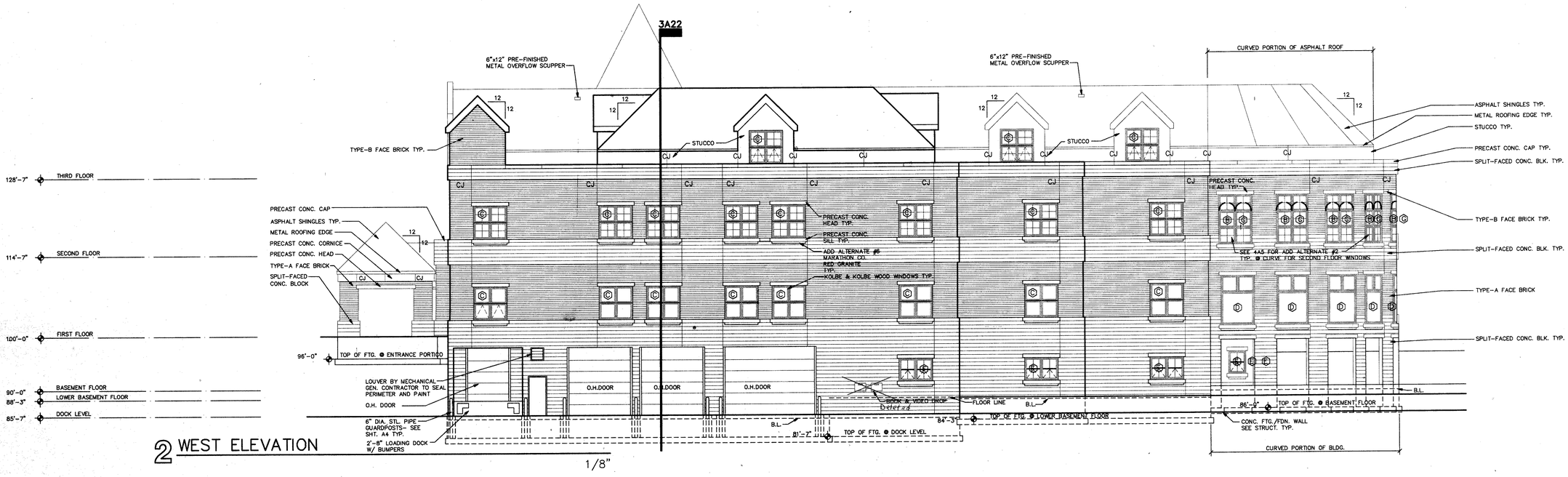
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A5



1 NORTH ELEVATION

1/8"



2 WEST ELEVATION

1/8"

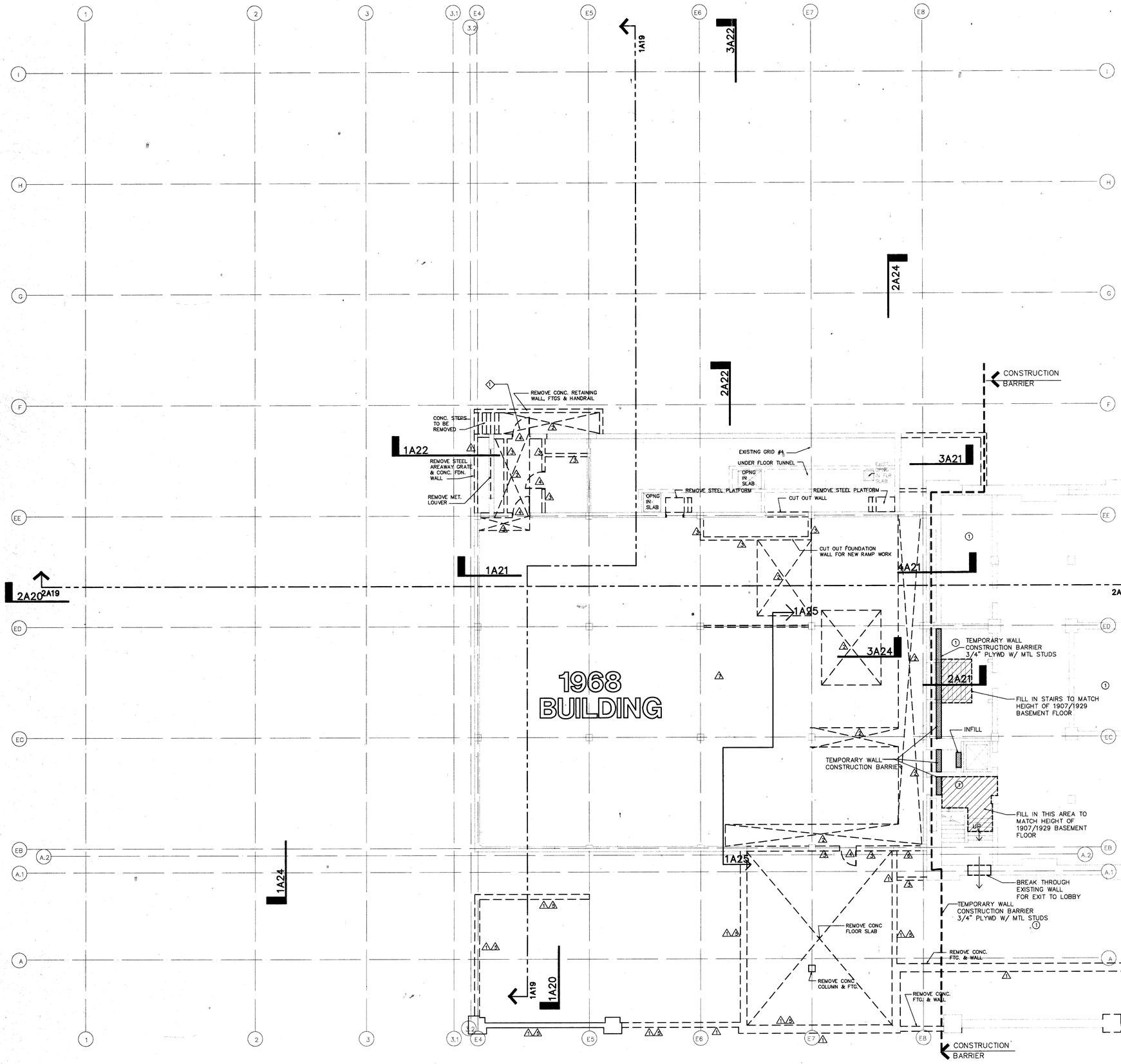
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION & REMODELING
WAUSAU, WISCONSIN
HSR 920154

DRAWING ELEVATIONS
DATE JUNE 1993
DRAWN BY D. RAMSEY
REVISION

FILE # 92154A6
LAST UPDATE 6-16-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A6



2 PHASE 1 PLAN NOTES

1. MAINTAIN CLEAR EXIT PATH FROM THIS DOOR DURING THIS PHASE OF THE WORK

3 PHASE 2 PLAN NOTES

1. REMOVE POURED CONCRETE WALL
2. REMOVE CONCRETE SLAB, SAWCUT SLAB WHERE IT ABUTS AREAS THAT ARE TO REMAIN.
3. REMOVE CONCRETE BLOCK WALL.
4. REMOVE DOOR & FRAME.
5. REMOVE CONCRETE FOOTING
6. REMOVE A PORTION OF WALL FOR NEW MECH'L LOUVER
7. REMOVE VINYL TILE FLOORING.

4 PHASE 3 PLAN NOTES

1. 1907/1929 PORTION OF THE BUILDING TO BE TOTALLY DEMOLISHED & REMOVED.

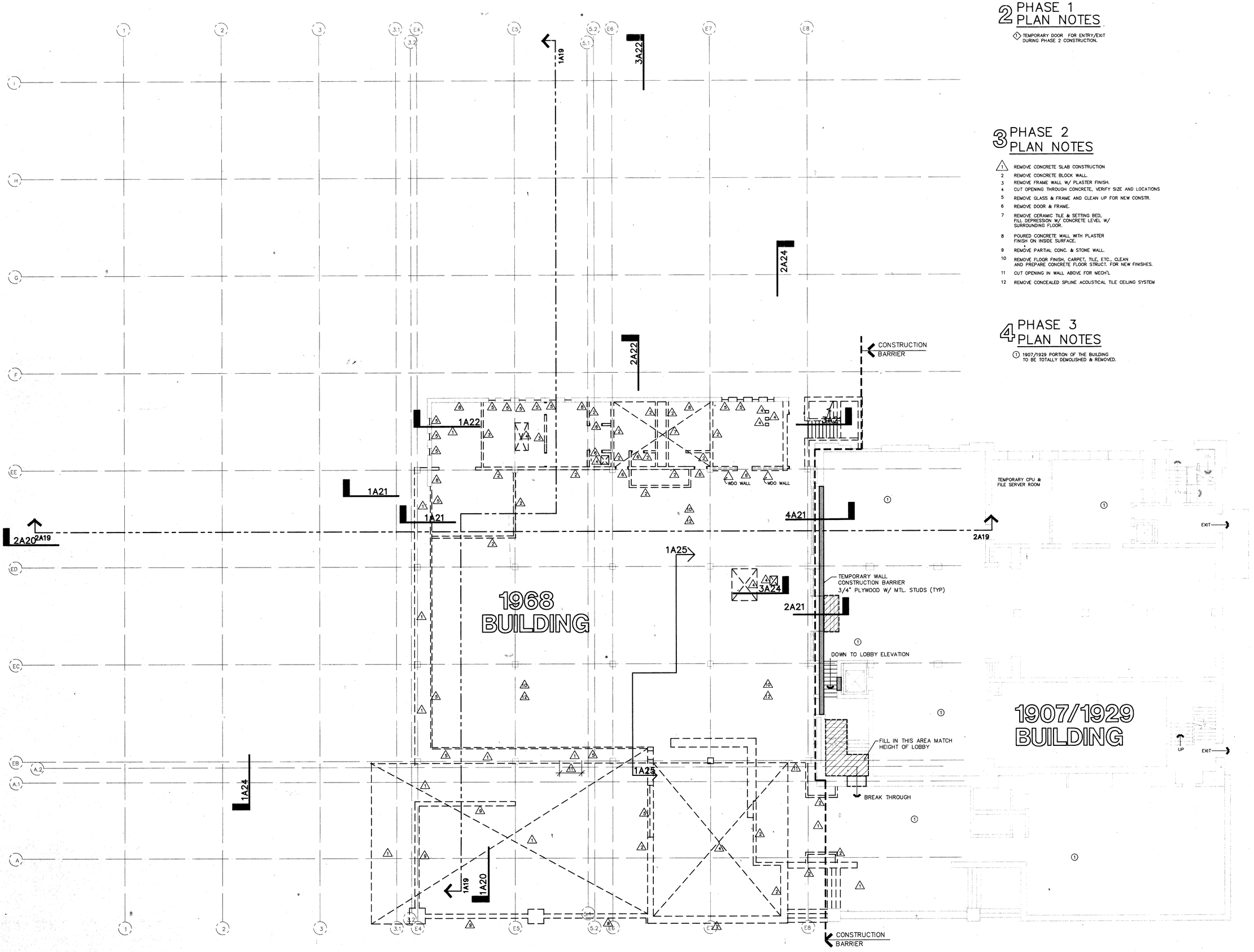
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING BASEMENT DEMOLITION PLAN
DATE JUNE 1993
DRAWN BY MLJ
REVISION

FILE # 92154A7 1/8 SCALE
LAST UPDATE 6-18-93

SOCIATES INC
ITECTURE
NEERING
E AND MADISON WI

7



2 PHASE 1 PLAN NOTES

1. TEMPORARY DOOR FOR ENTRY/EXIT DURING PHASE 2 CONSTRUCTION.

3 PHASE 2 PLAN NOTES

1. REMOVE CONCRETE SLAB CONSTRUCTION
2. REMOVE CONCRETE BLOCK WALL.
3. REMOVE FRAME WALL W/ PLASTER FINISH.
4. CUT OPENING THROUGH CONCRETE, VERIFY SIZE AND LOCATIONS
5. REMOVE GLASS & FRAME AND CLEAN UP FOR NEW CONSTR.
6. REMOVE DOOR & FRAME.
7. REMOVE CERAMIC TILE & SETTING BED. FILL DEPRESSION W/ CONCRETE LEVEL W/ SURROUNDING FLOOR.
8. POURED CONCRETE WALL WITH PLASTER FINISH ON INSIDE SURFACE.
9. REMOVE PARTIAL CONC. & STONE WALL.
10. REMOVE FLOOR FINISH, CARPET, TILE, ETC., CLEAN AND PREPARE CONCRETE FLOOR STRUCT. FOR NEW FINISHES.
11. CUT OPENING IN WALL ABOVE FOR MECH'L
12. REMOVE CONCEALED SPLINE ACOUSTICAL TILE CEILING SYSTEM

4 PHASE 3 PLAN NOTES

1. 1907/1929 PORTION OF THE BUILDING TO BE TOTALLY DEMOLISHED & REMOVED.

FIRST FLOOR DEMOLITION PLAN

1/8" = 1'-0"

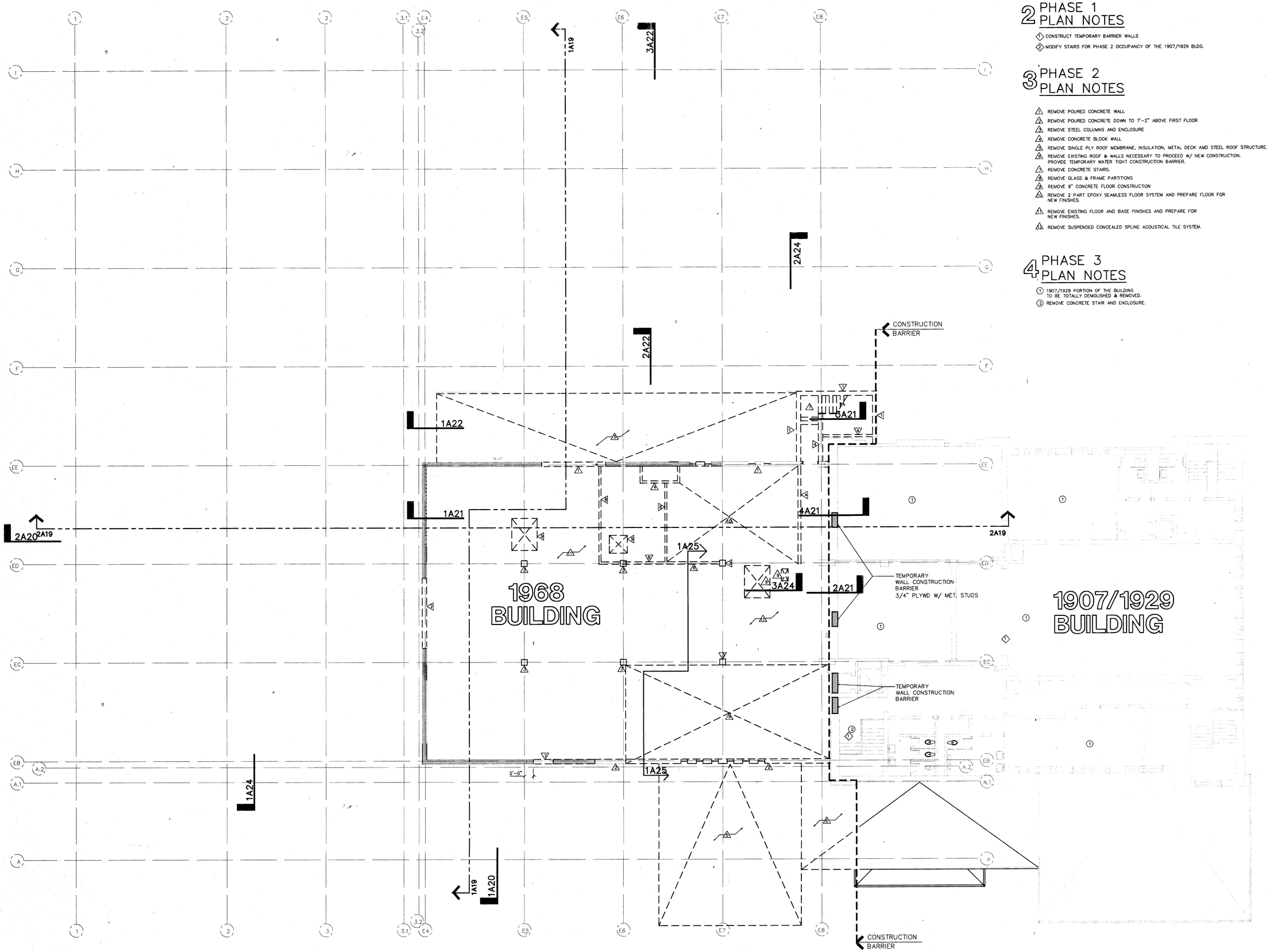
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING FIRST FLOOR DEMOLITION PLAN
DATE JUNE 1993
DRAWN BY MLJ
REVISION

FILE # 92154A8 1/8 SCALE
LAST UPDATE 6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

A8



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

2 PHASE 1 PLAN NOTES

1. CONSTRUCT TEMPORARY BARRIER WALLS
2. MODIFY STAIRS FOR PHASE 2 OCCUPANCY OF THE 1907/1929 BLDG.

3 PHASE 2 PLAN NOTES

1. REMOVE POURED CONCRETE WALL
2. REMOVE POURED CONCRETE DOWN TO 7'-2" ABOVE FIRST FLOOR
3. REMOVE STEEL COLUMNS AND ENCLOSURE
4. REMOVE CONCRETE BLOCK WALL
5. REMOVE SINGLE PLY ROOF MEMBRANE, INSULATION, METAL DECK AND STEEL ROOF STRUCTURE.
6. REMOVE EXISTING ROOF & WALLS NECESSARY TO PROCEED W/ NEW CONSTRUCTION. PROVIDE TEMPORARY WATER TIGHT CONSTRUCTION BARRIER.
7. REMOVE CONCRETE STAIRS.
8. REMOVE GLASS & FRAME PARTITIONS
9. REMOVE 9" CONCRETE FLOOR CONSTRUCTION
10. REMOVE 2 PART EPOXY SEAMLESS FLOOR SYSTEM AND PREPARE FLOOR FOR NEW FINISHES.
11. REMOVE EXISTING FLOOR AND BASE FINISHES AND PREPARE FOR NEW FINISHES.
12. REMOVE SUSPENDED CONCEALED SPLINE ACOUSTICAL TILE SYSTEM.

4 PHASE 3 PLAN NOTES

1. 1907/1929 PORTION OF THE BUILDING TO BE TOTALLY DEMOLISHED & REMOVED.
2. REMOVE CONCRETE STAIR AND ENCLOSURE.

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154
SECOND FLOOR DEMOLITION PLAN
JUNE 1993
MLJ

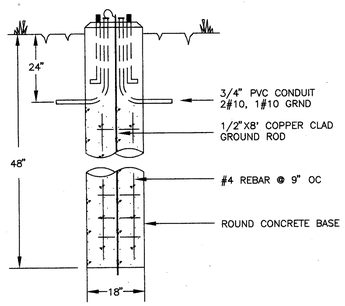
DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A9 1/8 scale
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

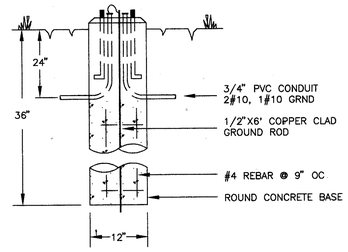
A9

NOTE! ANCHOR BOLT AND CONDUIT PROJECTIONS PER MANUFACTURER'S RECOMMENDATIONS.



1/E1 POLE BASE DETAIL (FIX. Z) 4
NTS

NOTE! ANCHOR BOLT AND CONDUIT PROJECTIONS PER MANUFACTURER'S RECOMMENDATIONS.



2/E1 POLE BASE DETAIL (FIX. Z1) 6
NTS

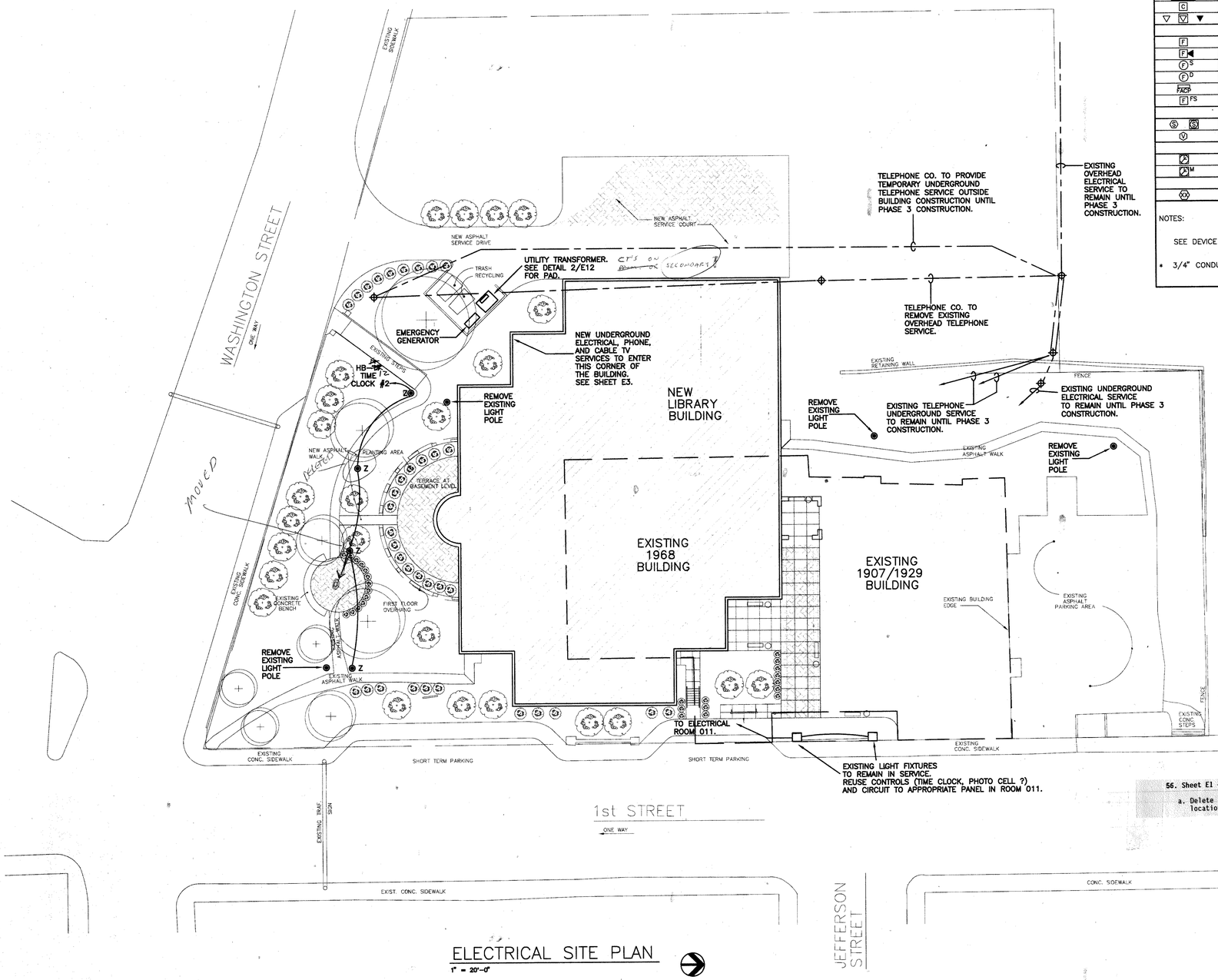
ELECTRICAL SYMBOLS LIST

SYMBOL	DESCRIPTION (MOUNTING)	SYMBOL	DESCRIPTION (MOUNTING)
	WIRING DEVICES – RECEPTACLES		
	DUPLEX RECPT. (WALL, FLOOR, ABOVE COUNTER)	GF	DUPLEX RECPT. W/GROUND FAULT
WP	DUPLEX RECPT. W/WEATHERPROOF COVER	IG	DUPLEX RECPT. W/ISOLATED GROUND
	DOUBLE DUPLEX RECPT. (WALL, FLOOR, ABOVE COUNTER)	X X	SPECIAL PURPOSE OUTLET (WALL, FLOOR)
	MULTI-OUTLET PLUGSTRIP ASSEMBLY		
	POWER EQUIPMENT		
	PANELBOARD (FLUSH, SURFACE)		TRANSFORMER
F J J	DISCONNECT SWITCH – FUSED, NON-FUSED		POWER METER
CT CAB	CURRENT TRANSFORMER CABINET	TC #	TIMECLOCK
	ELECTRIC MOTOR	MS	MANUAL STARTER
	RELAY CONTACTOR		OUTDOOR UTILITY POLE
	RACEWAYS AND CONDUCTORS		
	JUNCTION AND PULL BOXES		CAPPED JUNCTION BOX *
	POWER AND/OR SIGNAL RACEWAY		CONDUIT STUBBED & CAPPED
	UNSWITCHED CIRCUIT CONNECTION		INDOOR POWER/SIGNAL POLE
	LIGHTING FIXTURES		
	INCANDESCENT, HID, OR SIMILAR (CEILING, WALL)		FLUORESCENT, SIZE SCALED (CEILING, WALL)
	EXIT SIGN – SINGLE, DOUBLE FACE (CEILING, WALL)		EMERGENCY BATTERY PACK (CEILING, WALL)
	STRIP LIGHT / INDUSTRIAL		EMERGENCY AND/OR UNSWITCHED NIGHT LIGHT
	POLE ARM MOUNTED LUMINAIRE(S)		POLE TOP MOUNTED LUMINAIRE
	WIRING DEVICES – SWITCHES		
$S, $2, $3, $4	SWITCH – 1,2 POLE, 3,4 WAY	$K, $K2, $K3, $K4	KEY SWITCH – 1,2 POLE, 3,4 WAY
$S	SEPARATELY SWITCHED BALLASTS	$D	WALL DIMMER SWITCH
$R	RELAY CONTROL SWITCH	$D	COMBINATION SWITCH – DUPLEX RECPT.
$P	SWITCH WITH PILOT LIGHT	D	DIMMER SYSTEM COMPONENT
	PUSHBUTTON SWITCH		
	COMMUNICATIONS EQUIPMENT		
	SYSTEM BACKBOARD	T	TELEVISION OUTLET
C	COMPUTER DATA OUTLET *		COMBINATION DATA/PHONE JACK *
	PHONE OUTLET (WALL, FLOOR, ABOVE COUNTER) *	P	PHONE OUTLET – PUBLIC *
	FIRE ALARM AND DETECTION DEVICES		
F	MANUAL PULL STATION	F V	VISUAL SIGNAL
F	COMBINED AUDIO/VISUAL SIGNAL	F T	THERMAL DETECTOR
F S	SMOKE DETECTOR	F DH	DOOR HOLD OPEN
F D	DUCT SMOKE DETECTOR	F FD	MOTORIZED SMOKE DAMPER
FACP	FIRE ALARM CONTROL PANEL	FAAP	FIRE ALARM ANNUNCIATOR PANEL
F FS	SPRINKLER WATER FLOW SWITCH	F TS	SPRINKLER TAMPER SWITCH
	SOUND SYSTEM DEVICES		
S S	SPEAKER RECESSED (CEILING, WALL)	S S	SPEAKER SURFACE (CEILING, WALL)
V	SPEAKER VOLUME CONTROL		
	CLOCKS		
	WALL CLOCK (RECESS, SURFACE)		CLOCK, DOUBLE FACE (CEILING, WALL)
M	MASTER CLOCK		
	PLAN NOTE		
	PLAN NOTE		

NOTES:

SEE DEVICE MOUNTING HEIGHT LEGEND IN SPECIFICATIONS SECTION 16975 FOR TYPICAL MOUNTING HEIGHTS.

* 3/4" CONDUIT STUBBED UP TO ACCESSIBLE SPACE ABOVE CEILING.



ELECTRICAL SITE PLAN
1" = 20'-0"

DEMOLITION NOTES

1. THE E.C. IS RESPONSIBLE FOR REMOVING ALL EXISTING ELECTRICAL IN THE 1968 PORTION OF THE BUILDING UNDER PHASE 2 CONSTRUCTION. ALL ELECTRICAL EQUIPMENT AND WIRING SHALL BE NEW FOR THE REMODELED 1968 BUILDING AND NEW ADDITION.
2. THE E.C. SHALL MAINTAIN ALL SERVICES FOR OWNER OCCUPIED AREAS THRU ALL 3 PHASES OF CONSTRUCTION. SEE SPECIFICATION SECTION 16950 FOR FURTHER INFORMATION.
3. THE E.C. SHALL DISCONNECT SERVICES (ELECTRICAL, PHONE, CATV) TO THE 1907/1929 DURING PHASE 3 CONSTRUCTION. THE DEMOLITION CONTRACTOR WILL THEN REMOVE THE BUILDING AND ITS ELECTRICAL EQUIPMENT AND WIRING. THE E.C. IS ONLY RESPONSIBLE FOR DISCONNECTING SERVICES.
4. IT IS HIGHLY RECOMMENDED THAT THE E.C. VISIT THE SITE AND DETERMINE FOR HIMSELF THE SCOPE OF DEMOLITION WORK BEFORE SUBMITTING HIS BID.

REVISED SEE BULLETIN #12

56. Sheet E1 – ELECTRICAL SITE PLAN.

a. Delete one of the Type "Z" fixtures. See the enclosed Sheet E14 for the location of the remaining three.

WISCONSIN TIMOTHY G. FALKOWSKI 1071 WAUSAU WI DESIGNER

E1 THRU E13

LANG Associates, Incorporated
Consulting Engineer: Electrical and Automation Specialists
903 S. 17th Ave. Wausau, WI 54401 (715) 845-1333
325 S. Jefferson Green Bay, WI 54301 (414) 435-2488

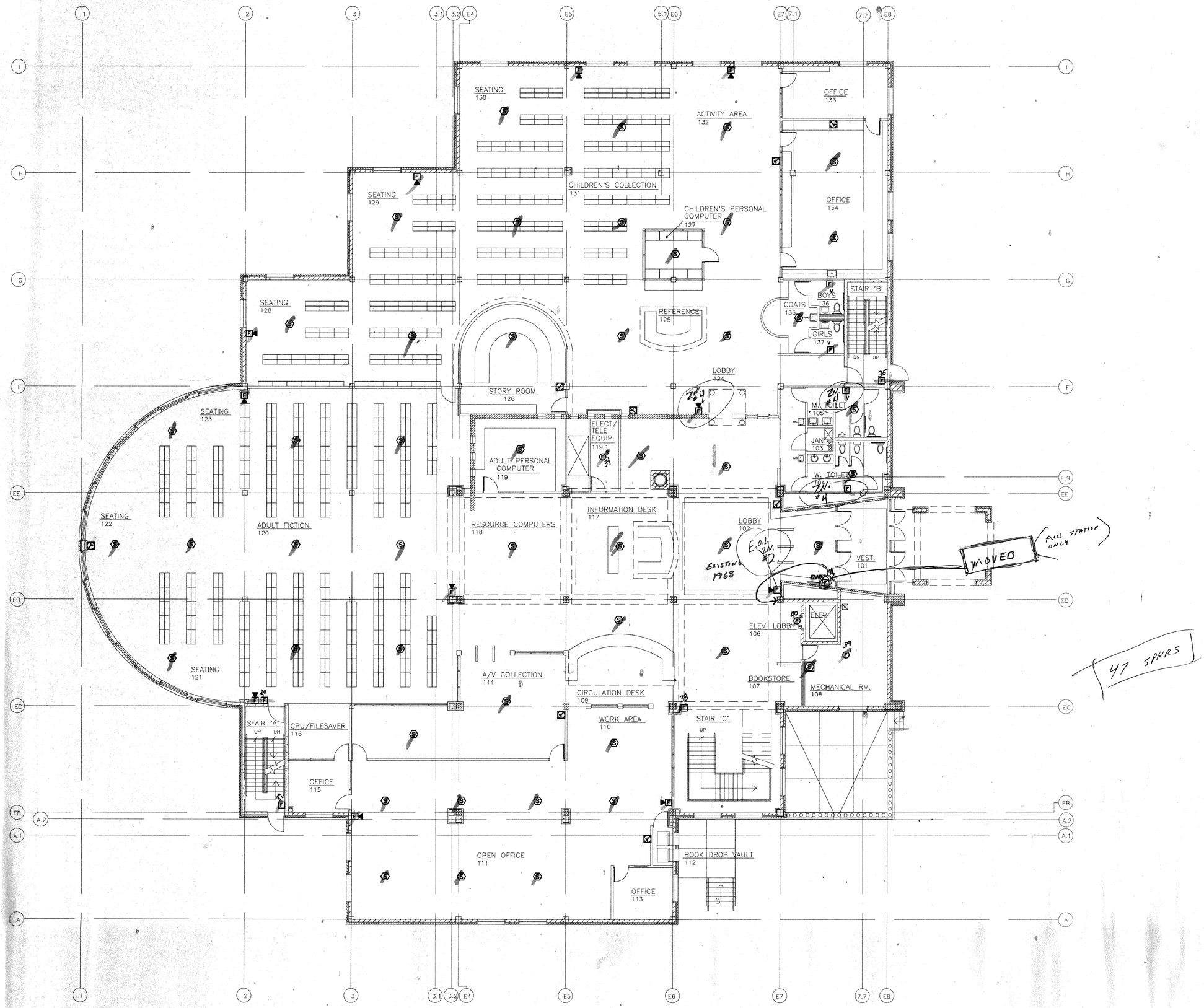
HSR ASSOCIATES INC.
RECEIVED DEC 20 1994
ELEC AS-BUILTS

PROJECT MARATHON COUNTY PUBLIC LIBRARY ADDITION AND REMODELING WAUSAU, WISCONSIN L920154
DRAWING ELECTRICAL SITE PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E1

932SE01.DWG – PLOTTED AT 10:32 AM ON 6/18/93



FIRST FLOOR SYSTEMS PLAN

1/8" = 1'-0"

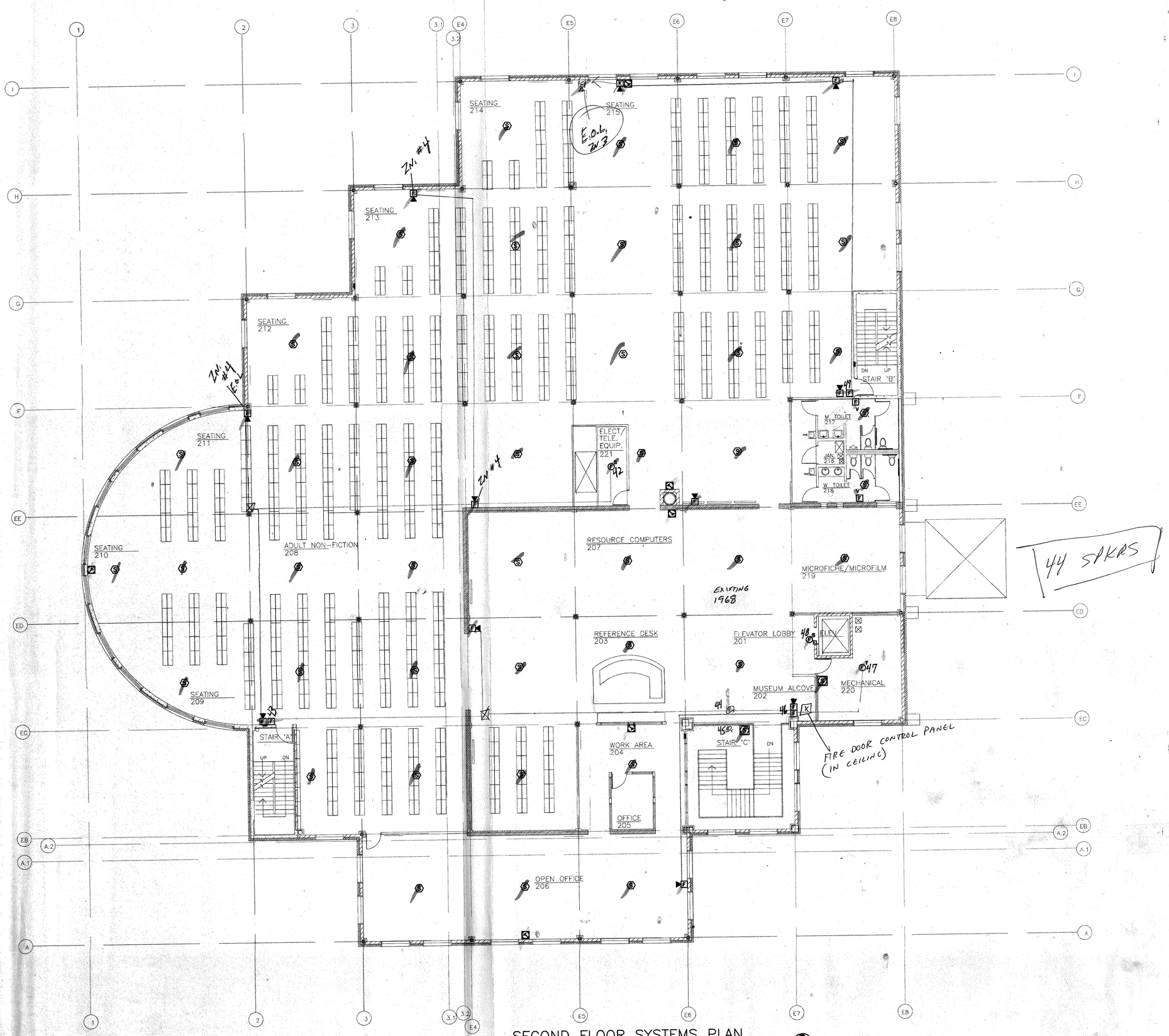
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING FIRST FLOOR SYSTEMS PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADSON WI

E10

9320E10.DWG - PLOTTED AT 11:50 AM ON 6/18/93



SECOND FLOOR SYSTEMS PLAN

1/8" = 1'-0"

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING SECOND FLOOR SYSTEMS PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E11

PANEL SCHEDULE

PNL	LOC	TYPE	BUS	MCB	MLO	VOLT	PHASE WIRE	TUBS NO.	TUBS CKT EA	MOUNT	RATING (AIC)	CIRCUIT BREAKERS QTY	POLE	AMP	QTY	POLE	AMP	NOTES
HMDP	011	I-LINE	1200A	1200A		277/480	3PH, 4W	1	93 IN	SURFACE	FULLY RATED AT 16K	1	3	300	4	3	125	
												4	3	200	1	3	100	
												1	3	175	1	3	60	
LMDP	011	I-LINE	600A	600A		120/208	3PH, 4W	1	36 IN	SURFACE	16K	4	3	200	2	2	50	
IMDP	011	I-LINE	400A	350A		120/208	3PH, 4W	1	36 IN	SURFACE	16K	4	3	150				1
HB	011	PANELBOARD	225A		X	277/480	3PH, 4W	1	42	SURFACE	14K	8	3	20	1	3	~~20~~ 60	
												15	1	20				
H1	119.1	PANELBOARD	125A		X	277/480	3PH, 4W	1	30	SURFACE	14K	1	3	~~50~~ 60	2	3	20	
												15	1	20				
H2	221	PANELBOARD	125A		X	277/480	3PH, 4W	1	30	SURFACE	14K	1	3	~~50~~ 60	2	3	20	
												15	1	20				
EHB	011	PANELBOARD	125A		X	277/480	3PH, 4W	1	30	SURFACE	14K	1	3	20	12	1	20	
												1	3	25				
LB	011	PANELBOARD	225A		X	120/208	3PH, 4W	2	42	SURFACE	10K	5	2	30	74	1	20	
L1	119.1	PANELBOARD	225A		X	120/208	3PH, 4W	1	42	SURFACE	10K	3	2	30	36	1	20	
L2	221	PANELBOARD	225A		X	120/208	3PH, 4W	1	42	SURFACE	10K	3	2	30	36	1	20	
ILB	011	PANELBOARD	225A		X	120/208	3PH, 4W	1	42	SURFACE	10K	42	1	20				
IL1	119.1	PANELBOARD	225A		X	120/208	3PH, 4W	1	42	SURFACE	10K	42	1	20				
IL2	221	PANELBOARD	225A		X	120/208	3PH, 4W	1	42	SURFACE	10K	42	1	20				
ELB	011	PANELBOARD	100A	60A		120/208	3PH, 4W	1	30	SURFACE	10K	1	2	30	22	1	20	
H3	3RD	PANELBOARD	125A		X	277/480	3PH, 4W	1	30	SURFACE	14K	1	3	60	1	3	40	
												15	1	20	1	3	20	
L3	3RD	PANELBOARD	225A		X	120/208	3PH, 4W	1	42	SURFACE	10K	3	2	30	36	1	20	
IL3	3RD	PANELBOARD	225A		X	120/208	3PH, 4W	1	42	SURFACE	10K	42	1	20				

PANEL SCHEDULE NOTES

1 PROVIDE PANEL WITH 800A SOLID NEUTRAL.

BULLETIN #13
HSR L930106
MARCH 1994

TRANSFORMER SCHEDULE

MARK	MANUFACTURE	CATALOG NUMBER	KVA	VOLTAGE PRI	VOLTAGE SEC	TAPS	TEMP RISE	MOUNT	NOTES
TB	SQUARE 'D'	225T3HB	225	480	208Y/120	6-2.5%2+4-	80°	FLOOR	
ITB	SQUARE 'D'	112T3HFISNL	112.5	480	208Y/120	6-2.5%2+4-	115°	FLOOR	1
ETB	SQUARE 'D'	15T3HF	15	480	208Y/120	6-2.5%2+4-	115°	~~FLOOR~~ W/BLC	

TRANSFORMER SCHEDULE NOTES

1 THIS IS A NON LINEAR K-4 TRANSFORMER.

AREA SERVED
B = BASEMENT
1 = FIRST FLOOR
2 = SECOND FLOOR
3 = THIRD FLOOR

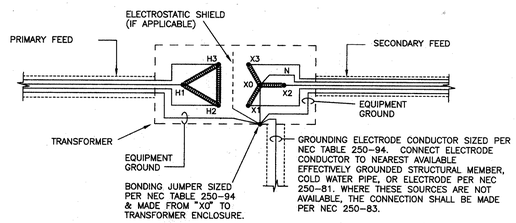
NON-LINEAR

(E) (I) (H,L,T,MDP) (B,1,2,3)

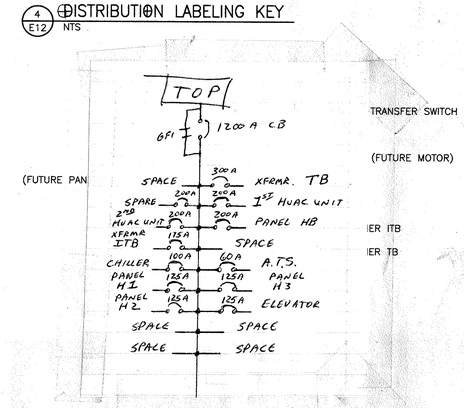
EMERGENCY

EQUIPMENT TYPE
H = 480Y/277V PANEL
L = 208Y/120V PANEL
T = TRANSFORMER
MDP = MAIN DISTRIBUTION PANEL

4 E12 DISTRIBUTION LABELING KEY
NTS



3 E12 SEPARATELY DERIVED SYSTEM/TRANSFORMER GROUNDING
NTS

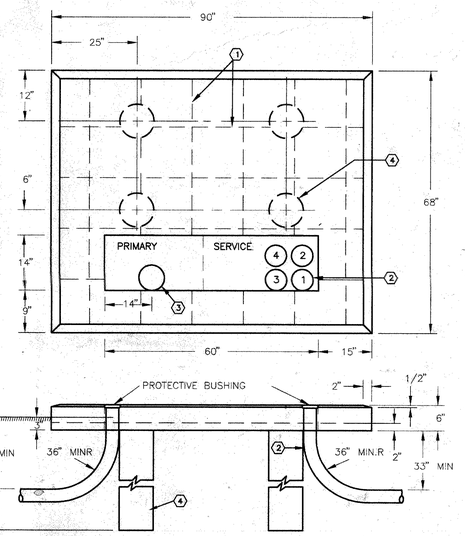


5 E12 HMDP CIRCUIT ARRAY
NTS

BULLETIN #13
HSR L930106
MARCH 1994

1. Sheet E12 - POWER RISER AND SCHEDULES.

a. Panel Schedule. Clarification: The 3p50A breaker in Panels "HB", "H1" and "H2" should be 3p60A.



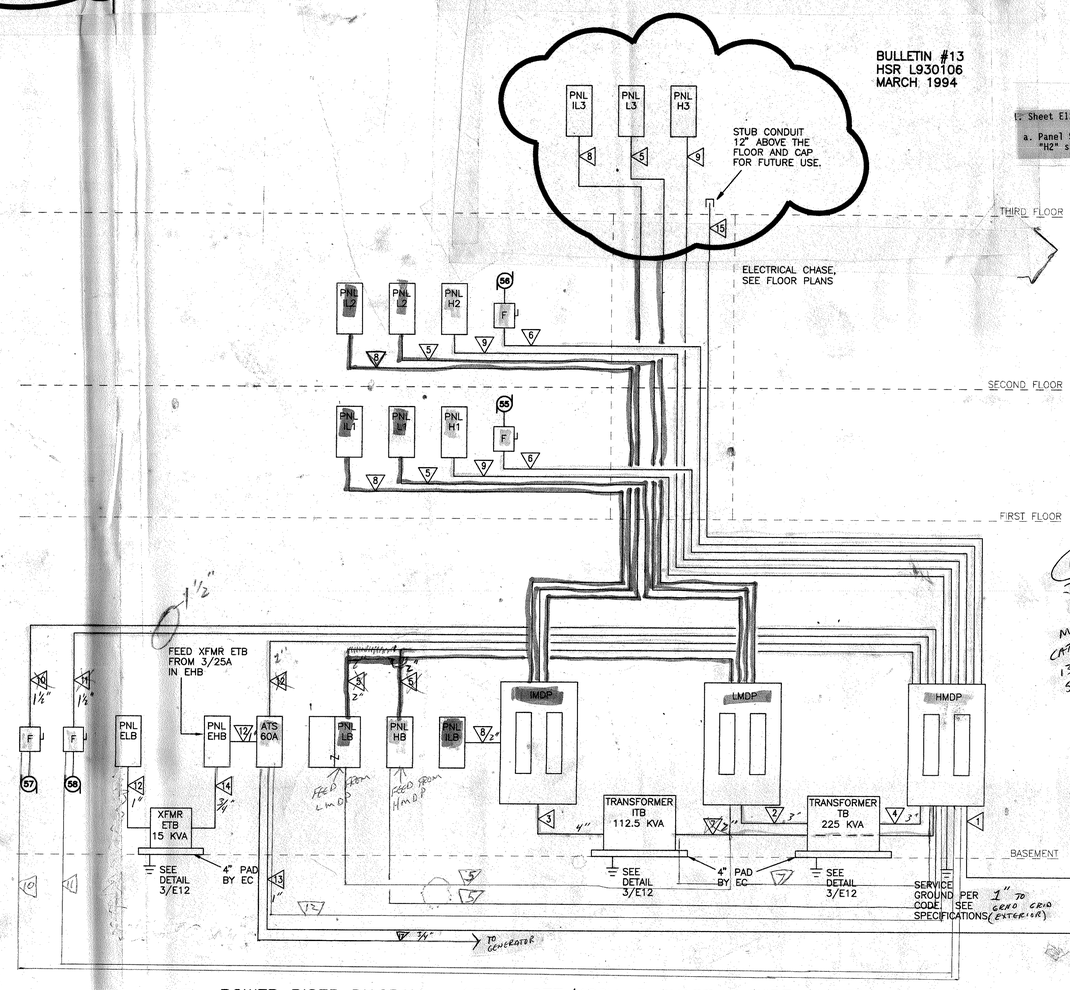
KEY NOTES:

1. PAD SHALL BE REINFORCED AS SHOWN WITH #3 RODS, SPACING THEM A MINIMUM OF ONE FOOT APART. ADD RODS AS REQUIRED.
2. SERVICE CONDUITS SHALL START FROM RIGHT FRONT CORNER OF WINDOW AND BE POSITIONED AS SHOWN ON THE DRAWING. THE CONDUIT END SHALL BE FLUSH WITH THE TOP OF THE CONCRETE PAD.
3. IF CONDUIT IS USED FOR PRIMARY CABLE, INSTALL IN INDICATED POSITIONS AND FLUSH WITH THE TOP OF CONCRETE PAD.
4. SUPPORT PAD WITH FOUR 8" DIAMETER COLUMNS CENTERED AS SHOWN.

GENERAL NOTES

1. CONCRETE SHALL HAVE A MINIMUM STRENGTH OF 3000 POUNDS PER SQUARE INCH AND CONTAIN NOT LESS THAN 6 BAGS OF CEMENT PER CUBIC YARD. APPROXIMATELY ONE BAG OF FLY ASH MAY BE SUBSTITUTED FOR ONE BAG OF CEMENT PER CUBIC YARD OF CONCRETE.
2. IF PAD IS LOCATED IN ANY AREA WHERE TRANSFORMER IS SUBJECT TO VEHICULAR DAMAGE, PROTECTIVE CONCRETE - FILLED STEEL POSTS, SET IN CONCRETE, SHALL BE PROVIDED AND INSTALLED BY THE SAME CONTRACTOR PROVIDING THE TRANSFORMER PAD.
3. CONFIRM AND VERIFY PAD AND POST SPECIFICATIONS AND INSTALLATION WITH LOCAL UTILITY COMPANY PRIOR TO ANY INSTALLATION. PROVIDE ALL LABOR AND MATERIAL REQUIRED TO COMPLY WITH THE UTILITY'S STANDARDS AND SPECIFICATIONS.

2 E12 UTILITY TRANSFORMER PAD DETAIL
NTS



1 E12 POWER RISER DIAGRAM - 1200A, 277/480V, 3 PHASE, 4 WIRE, UNDERGROUND
NTS

CONDUIT/CONDUCTOR SCHEDULE

MARK	CONDUIT SIZE	CONDUIT TYPE	CONDUCTORS NO.	CONDUCTORS SIZE	CONDUCTORS TYPE	GROUND SIZE	
1	(4)4"	#80PVC	(3)4	#600MCM	THWN		115'
2	(2)3"	IMC	(2)4	#350MCM	THWN	(2)#1	15'
3	4"	IMC	5	#500MCM	THWN	#3	15'
4	3"	IMC	3	#350MCM	THWN	#3	15'a 40'/55'(HB)
5	2"	IMC	4	#3/0	THWN	#6	
6	2"	IMC	3	#3/0	THWN	#6	
7	2"	IMC	3	#2/0	THWN	#6	25'
8	2"	IMC	3	#1/0	THWN	#6	15'
			1	#300MCM	THWN		15'
9	1-1/2"	IMC	4	#1	THWN	#6	
10	1-1/2"	IMC	3	#1	THWN	#6	
11	1-1/2"	IMC	3	#2	THWN	#8	
12	1"	EMT	4	#6	THWN	#10	65'
13	1"	PVC	4	#6	THWN	#10	
14	3/4"	EMT	3	#10	THWN	#10	
15	2"	IMC	–	–	–	–	
16	1-1/2"	IMC	–	–	–	–	
17	3/4"	PVC	4	#12	THWN	#12	

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154
POWER RISER & SCHEDULES
DRAWING 6/18/93
DATE
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E12

9325E12.DWG - PLOTTED AT 12:08 PM ON 6/18/93

MOTOR SCHEDULE

ABBREVIATIONS
COMB – COMBINATION STARTER
MAG – MAGNETIC STARTER
MAN – MANUAL STARTER

EC – ELECTRICAL CONTRACTOR
HVAC – HEATING/VENTILATING CONTRACTOR
PLGC – PLUMBING CONTRACTOR
ES – EQUIPMENT SUPPLIER

WU – WITH UNIT
OU – ON UNIT
NU – NEAR UNIT

										WIRE				STARTER		
NO.	SERVING	HP	VOLT	PH	KW	FLA	LOC	PNL–CKT	BKR	NO.	SIZE	GND	CONDUIT	TYPE	BY	NOTES
1	FAN COIL–1	–	120	1	.38	4.3	007	LB–16	1/20	2	#12	#12	1/2"	–	HVAC	6
2	FAN COIL–2	–	120	1	.06	0.5	008	LB–16	1/20	2	#12	#12	1/2"	–	HVAC	6
3	FAN COIL–3	–	120	1	.38	4.3	010	LB–16	1/20	2	#12	#12	1/2"	–	HVAC	6
4	FAN COIL–4	–	120	1	.13	1.2	014	LB–18	1/20	2	#12	#12	1/2"	–	HVAC	6
5	FAN COIL–5	–	120	1	.13	1.2	015	LB–18	1/20	2	#12	#12	1/2"	–	HVAC	6
6	FAN COIL–6	–	120	1	.20	1.7	018	LB–18	1/20	2	#12	#12	1/2"	–	HVAC	6
7	FAN COIL–7	–	120	1	.20	1.7	019	LB–~~18~~ 81	1/20	2	#12	#12	1/2"	–	HVAC	6
8	FAN COIL–8	–	120	1	.05	0.5	021	LB–18	1/20	2	#12	#12	1/2"	–	HVAC	6
9	FAN COIL–9	–	120	1	.13	1.2	022	LB–18	1/20	2	#12	#12	1/2"	–	HVAC	6
10	FAN COIL–10	–	120	1	.05	0.5	023	LB–~~18~~ 81	1/20	2	#12	#12	1/2"	–	HVAC	6
11	FAN COIL–11	–	120	1	.20	1.7	024	LB–~~18~~ 81	1/20	2	#12	#12	1/2"	–	HVAC	6
12	FAN COIL–11	–	120	1	.20	1.7	024	LB–~~18~~ 81	1/20	2	#12	#12	1/2"	–	HVAC	6
13	FAN COIL–11	–	120	1	.20	1.7	024	LB–~~18~~ 81	1/20	2	#12	#12	1/2"	–	HVAC	6
14	FAN COIL–12	–	120	1	.05	0.5	025	LB–18	1/20	2	#12	#12	1/2"	–	HVAC	6
15	FAN COIL–13	–	120	1	.05	0.5	027	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
16	FAN COIL–14	–	120	1	.05	0.5	028	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
17	FAN COIL–15	–	120	1	.08	0.8	029	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
18	FAN COIL–16	–	120	1	.05	0.5	030	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
19	FAN COIL–17	–	120	1	.05	0.5	031	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
20	FAN COIL–18	–	120	1	.13	1.2	032	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
21	FAN COIL–19	–	120	1	.06	0.5	034	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
22	FAN COIL–20	–	120	1	.05	0.5	036	LB–20	1/20	2	#12	#12	1/2"	–	HVAC	6
23	FAN COIL–21	–	120	1	.13	1.2	037	LB–~~20~~ 83	1/20	2	#12	#12	1/2"	–	HVAC	6
24	FAN COIL–22	–	120	1	.08	0.8	038	LB–~~20~~ 85	1/20	2	#12	#12	1/2"	–	HVAC	6
25	FAN COIL–23	–	120	1	.05	0.5	039	LB–~~20~~ 20	1/20	2	#12	#12	1/2"	–	HVAC	6
26	FAN COIL–24	–	120	1	.13	1.2	040	LB–~~20~~ 83	1/20	2	#12	#12	1/2"	–	HVAC	6
27	FAN COIL–25	–	120	1	.13	1.2	040	LB–20 83	1/20	2	#12	#12	1/2"	–	HVAC	6
28	FAN COIL–26	–	120	1	.05	0.5	041	LB–20 83	1/20	2	#12	#12	1/2"	–	HVAC	6
29	FAN COIL–27	–	120	1	.38	4.3	046	LB–16	1/20	2	#12	#12	1/2"	–	HVAC	6
30	FAN COIL–28	–	120	1	.13	1.3	050	LB–16	1/20	2	#12	#12	1/2"	–	HVAC	6
31	AIR HANDLING UNIT–1 SFH 28	2	480	3	2.8	3.4	052	HB–2,4,6	3/20	3	#12	#12	1/2"	COMB	EC	4,5
32	PUMP–4 SFH ~~35~~ 32	1/4	120	1	0.7	5.8	052	LB–28	1/20	2	#12	#12	1/2"	MAG	EC	4,5,6
33	PUMP–1 SFH 33	3	480	3	4.0	4.8	013	HB–8,10,12	3/20	3	#12	#12	1/2"	COMB	EC	4,5
34	PUMP–2 SFH 33	3	480	3	4.0	4.8	013	HB–14,16,18	3/20	3	#12	#12	1/2"	COMB	EC	4,5
35	PUMP–3 SFH 42	7.5	480	3	9.1	11.0	013	HB–20,22,24	3/20	3	#12	#12	1/2"	COMB	EC	4,5
36	BOILER–1 SFH 36	1/3	120	1	0.9	7.2	012	LB–2	1/20	2	#12	#12	1/2"	MAN	EC	4
37	BOILER–2 SFH 36	1/3	120	1	0.9	7.2	012	LB–4	1/20	2	#12	#12	1/2"	MAN	EC	4
38	BOILER–3 SFH 36	1/3	120	1	0.9	7.2	012	LB–6	1/20	2	#12	#12	1/2"	MAN	EC	4
39	BOILER–4 SFH 36	1/3	120	1	0.9	7.2	012	LB–8	1/20	2	#12	#12	1/2"	MAN	EC	4
40	BOILER–5 SFH 36	1/3	120	1	0.9	7.2	012	LB–10	1/20	2	#12	#12	1/2"	MAN	EC	4
41	AIR COMPRESSOR SFH 33	3	480	3	4.0	4.8	013	HB–26,28,30	3/20	3	#12	#12	1/2"	COMB	EC	4
42	DUCT EXHAUSTER SFH 32	1/4	120	1	0.7	5.8	043	LB–12	1/20	2	#12	#12	1/2"	MAN	EC	4
43	ROOF EXHAUSTER–1 SFH 39	1/2	120	1	1.2	9.8	ROOF	~~L2–2~~	1/20	2	#12	#12	1/2"	MAG	EC	5
44	ROOF EXHAUSTER–2 SFH 32	1/4	120	1	0.7	5.8	ROOF	~~L2–4~~	1/20	2	#12	#12	1/2"	MAG	EC	5
45	ROOF EXHAUSTER–3 SFH 32	1/4	120	1	0.7	5.8	ROOF	~~L2–6~~	1/20	2	#12	#12	1/2"	MAG	EC	5
46	ROOF EXHAUSTER–4 SFH 32	1/4	120	1	0.7	5.8	ROOF	~~L2–8~~	1/20	2	#12	#12	1/2"	MAG	EC	5
47	UNIT HEATER	1/20	120	1	–	–	300	~~L2–10~~ L3–12	1/20	2	#12	#12	1/2"	–	–	6
48	UNIT HEATER	1/20	120	1	–	–	300	~~L2–10~~ L3–12	1/20	2	#12	#12	1/2"	–	–	6
49	UNIT HEATER	1/20	120	1	–	–	300	~~L2–10~~ L3–12	1/20	2	#12	#12	1/2"	–	–	6
50	UNIT HEATER	1/20	120	1	–	–	300	~~L2–10~~ L3–12	1/20	2	#12	#12	1/2"	–	–	6
51	UNIT HEATER	1/20	120	1	–	–	043	LB–14	1/20	2	#12	#12	1/2"	–	–	6
52	UNIT HEATER	1/20	120	1	–	–	043	LB–14	1/20	2	#12	#12	1/2"	–	–	6
53	CABINET HEATER	1/60	120	1	–	–	100	L1–2	1/20	2	#12	#12	1/2"	–	–	6
54	CABINET HEATER	1/60	120	1	–	–	100	L1–2	1/20	2	#12	#12	1/2"	–	–	6
55	SELF CONTAINED HVAC UNIT–1	–	480	3	86.4	104.0	108	HMDP	3/200	3	#3/0	#6	2"	–	WU	1
56	SELF CONTAINED HVAC UNIT–2	–	480	3	98.5	118.5	220	HMDP	3/200	3	#3/0	#6	2"	–	WU	1
57	ELEVATOR	40	480	3	43.2	52.0	051	HMDP	3/125	3	#1	#6	1–1/2"	–	WU	2
58	CHILLER	–	480	3	49.9	60.0	013	HMDP	3/100	3	#2	#8	1–1/4"	–	WU	3
59	OVERHEAD DOOR OPERATOR	FRAC	120	1	–	–	043	LB–70	1/20	2	#12	#12	1/2"	–	WU	7
60	OVERHEAD DOOR OPERATOR	FRAC	120	1	–	–	043	LB–70	1/20	2	#12	#12	1/2"	–	WU	7
61	OVERHEAD DOOR OPERATOR	FRAC	120	1	–	–	043	LB–70	1/20	2	#12	#12	1/2"	–	WU	7
62	OVERHEAD DOOR OPERATOR	FRAC	120	1	–	–	044	LB–70	1/20	2	#12	#12	1/2"	–	WU	7
63	UNIT HEATER	1/20	120	1	–	–	044	LB–14	1/20	2	#12	#12	1/2"	–	–	6
64	UNIT HEATER	1/6	120	1	–	–	108	L1–12	1/20	2	#12	#12	1/2"	–	–	6
65	UNIT HEATER	1/6	120	1	–	–	220	L2–14	1/20	2	#12	#12	1/2"	–	–	6
	ROOF EXHAUSTER						ROOF	L3–16	1/20	2	#12	#12	1/2"			5
	BOILER –6	1/3	120	1	0.9	7.2	012	LB–76	1/20	2	#12	#12	1/2"	MAN	EC	4
	BOILER–7	1/3	120	1	0.9	7.2	012	LB–78	1/20	2	#12	#12	1/2"	MAN	EC	4

L3–14 (BATH ROOMS)
L3–11 (COMPRESSOR RM.)
L3–13 (ELEVATOR RM)
L3–15 (ELECT. RM)

3RD FLOOR EXHAUST

L3
Tim Falkowski
845–1333
4–6–94

10–12s
3–12s
2–12s
2–10s
9–12s
3–2s
1–8

MOTOR SCHEDULE NOTES

1. PROVIDE A 200A FUSED DISCONNECT MOUNTED NEAR THE UNIT. PROVIDE FUSES SIZED PER MANUFACTURER'S RECOMMENDATIONS.
2. PROVIDE A 100A FUSED DISCONNECT MOUNTED NEAR THE DOOR PER CODE. PROVIDE FUSES SIZED PER MANUFACTURERS RECOMMENDATIONS.
3. PROVIDE A 100A FUSED DISCONNECT MOUNTED NEAR THE UNIT. PROVIDE FUSES SIZED PER MANUFACTURER'S RECOMMENDATIONS.
4. MOUNT THE STARTER IN AN ACCESSIBLE LOCATION NEAR THE UNIT. SEE SPECIFICATIONS FOR DEVICE TO PROVIDE.
5. INTERLOCK TO THE STARTER WILL BE BY THE TEMPERATURE CONTROLS CONTRACTOR.
6. PROVIDE A DISCONNECT MOUNTED ON/NEAR THE UNIT. SEE SPECIFICATIONS FOR SPECIFIC DEVICE TO PROVIDE.
7. WIRE PUSH BUTTON OPERATOR (FURNISHED BY ES) AT LOCATION SHOWN ON THE PLAN.

62. Sheet E13 - POWER RISER AND SCHEDULES.

a. Special Purpose Outlet Schedule. Clarification: SPO 8, 9 and 9 should be wired to 3p60A breakers in lieu of 3p50A breakers.

b. Light Fixture Schedule.
1) Fixture Type G: This fixture will be a wall mounted sconce. The manufacturer and model number will be determined at a later date. Provide a dollar allowance $300 to be included in the Base Bid for each fixture with lamp F.O.B. jobsite material only. Labor shall be included in the Bas Bid.
2) Change Type "Z1" Fixture to the following: KIM #VRB1/70MH277, LUMEC 70MH-BOR6-277, finish as selected by AE.
3) Fixture Type "Z" finish to be as selected by AE.

LIGHT FIXTURE SCHEDULE

				LAMP				
TYPE	MFG'R	CATALOG NUMBER	VOLT	TYPE	NO.	MOUNT	DESCRIPTION	NOTES
A	COLUMBIA	P4–244G–49483–1	277	F032/35K	4	GRID	2X4 PARABOLIC	
	DAYBRITE	PGA4240–P32SL24						
A1	COLUMBIA	46–244–49484–1	277	F032/35K	4	SURFACE	2X4 PARABOLIC (MODULAR)	
	DAYBRITE	PS4240–P32SL24						
B	COLUMBIA	5PS4G–52(.125)–244	277	F032/35K	4	GRID	2X4 TROFFER	
	DAYBRITE	SG2440–SFA12D						
B1	COLUMBIA	5PS4G –93–244	277	F032/35K	4	GRID	2X4 TROFFER(PARACUBE)	
	DAYBRITE	SG2440–SFA[illegible]						
C	COLUMBIA	KL240–PAF–WG	277	F032/35K	2	SURFACE	4' INDUSTRIAL	
	DAYBRITE	FLB–1124–4U–WG						
D	COLUMBIA	WP240A–PAF	277	F032/35K	2	SURFACE	4' WRAP	
	DAYBRITE	SW242						
D1	COLUMBIA	SA240A–PAF	277	F032/35K	2	WALL	4' WALL BRACKET	1
	DAYBRITE	CZX–2224–4W						
E	DUAL–LITE	CSRNB–LED	277	W/U	–	UNIVERSAL	EXIT LIGHT	2
	LIGHT ALARMS	XLDBRA						
E1	DUAL–LITE	CDRNB–LED	277	W/U	–	UNIVERSAL	EXIT LIGHT(DOUBLE FACE)	2
	LIGHTALARMS	2XLDBRA						
F	PRESCOLITE	CFR826–B492	277	F26DBXT4/SPX35	2	RECESSED	FLUORESCENT DOWNLIGHT	
	CAPRI	PL29/277HPF–T461						
F1	PRESCOLITE	CFR826–B492	277	DULUX DE26W27K	2	RECESSED	FLUORESCENT DOWNLIGHT (DIMMABLE)	3
	CAPRI	PL29–T461						
F2	PRESCOLITE	1290M5–100MHFE–B992	277	M100/U	1	RECESSED	METAL HALIDE DOWNLIGHT	
	CAPRI	MH14–T051M						
H	COLUMBIA	UC7091	277	F032/35K	1	SURFACE	UNDER CABINET LIGHT	
	ALKCO	332						
J	COLUMBIA	T8–LSL–041G–49182–1	277	F032/35K	1	GRID	LIBRARY STACK LIGHT	4
	LINEAR LIGHTING	Q5440						
L	LITECONTROL	PS/D66N24T8–XA	277	F032/35K	8	PENDANT	LINEAR SQUARE	5
M	LITECONTROL	WID66N24T8–PBSS	277	F032/35K	2	WALL	4' WALL BRACKET	6,8
P	PRESCOLITE	CF10SQ2S–3–277HPF	277	13WPL	2	RECESSED	FLUORESCENT SQUARE	
	CAPRI	PLS16/277HPF–S56						
Q	–	–	120	100WA19	1	SURFACE	INCANDESCENT SOCKET WITH WIREGUARD	
R	LAM	LB–261–3QD–250MH	277	M250/3K	1	PENDANT	QUAD CLUSTER	8,9
	SPI	SFTQC1501						
R1	LAM	LB–261S–175MH	277	M175/3K	1	SURFACE	DECORATIVE METAL HALIDE	7,8
	SPI	SFTCM6401						
Y	SYLVANIA	WP2–100MH	277	M100/U	1	WALL	METAL HALIDE WALL PACK	10
	DAYBRITE	WL10MH27						
Z	MOLDCAST	F7212JA/84112–27–BLP	277	M175/C	1	12' POLE	AREA LIGHT	11
	LUMEC	175MH–L238–RR–277–						
		R71–BK–TK						
Z1	MOLDCAST	35211–2TBLP–LEX	277	M100/C	1	BASE	BOLLARD	12
	LUMEC	70MH–BOR48–LN–277–BK		M70/C				

Type G (SEE ADDENDUM #1)

SEE ADDENDUM #1

GENERAL NOTES

ALL FIXTURES WITH T–8 LAMPS (F032/35K) SHALL BE FURNISHED WITH ELECTRONIC BALLASTS. SEE SPECIFICATIONS FOR FURTHER INFORMATION REGARDING ELECTRONIC BALLASTS.

LIGHT FIXTURE SCHEDULE NOTES

1. MOUNT FIXTURE CENTERED OVER MIRROR/VANITY.
2. WALL MOUNT FIXTURE CENTERED OVER DOOR/OPENING AS FIRST OPTION. CEILING MOUNT FIXTURE AS SECOND OPTION. WIRE FIXTURE TO LOCAL UNSWITCHED EMERGENCY CIRCUIT.
3. PROVIDE FIXTURE WITH LUTRON #FDB–CF26–277–2 DIMMING BALLAST AND LISTED OSRAM 4 PIN LAMPS.
4. PROVIDE FIXTURES IN MASTER/SLAVE(S) COMBINATIONS.
5. FIXTURE SHALL BE BID UNDER ALTERNATE #5. SEE PLANS AND SPECIFICATIONS. PROVIDE FIXTURE IN PATTERN SHOWN ON FLOOR PLANS UTILIZING PS/D–66N0–C CORNERS. FIXTURES WILL BE SPECIFIED WITH MULTIPLE COLORS BY ARCHITECT. PROVIDE ALL MOUNTING HARDWARE FOR A COMPLETE AND OPERABLE SYSTEM. SUSPEND FIXTURE AT 8'–6" AFF TO THE B OF THE FIXTURE.
6. MOUNT FIXTURE CENTERED AT 9'–0" ABOVE FLOOR/LANDING.
7. REMOTE THE BALLAST ABOVE THE CEILING.
8. FIXTURE FINISH SPECIFIED BY ARCHITECT.
9. SUSPEND BOTTOM OF FIXTURE AT ELEVATION 126'–0". REMOTE THE BALLASTS AT AN ACCESSIBLE LOCATION ABOVE THE ADJACENT 2ND FLOOR CEILING.
10. MOUNT FIXTURE @ ELEVATION 100'–0".
11. SEE DETAIL 1/E1 FOR POLE BASE.
12. SEE DETAIL 2/E1 FOR POLE BASE.

SPECIAL PURPOSE CONNECTION SCHEDULE

										WIRE				
NO.	SERVING	HP	VOLT	PH	KW	FLA	LOC	PNL–CKT	BRKR	NO	SIZE	GND	CONDUIT	NOTES
1	BOOK MOBILE PLUG–IN	–	208	1	–	–	043	LMDP	2/50	~~2~~ 3	#6	#10	3/4"	4
2	BOOK MOBILE PLUG–IN	–	208	1	–	–	043	LMDP	2/50	2	#6	#10	3/4"	4
3	ELEVATOR CAB LIGHTS & CONTROLS	–	120	1	–	–	051	ELB–2	1/20	2	#12	#12	1/2"	3
4	BOILER CONTROL PANEL	–	120	1	–	–	012	LB–22	1/20	2	#12	#12	1/2"	
5	TEMPERATURE CONTROL PANEL	–	120	1	–	–	013	LB–~~24~~ 26	1/20	2	#12	#12	1/2"	
6	AIR DRYER	–	120	1	–	–	013	LB–~~26~~ 24	1/20	2	#12	#12	1/2"	2
7	ELECTRIC WATER HEATER	–	208	1	3.375	16.2	013	LB–32,34	2/30	2	#10	#10	1/2"	1
8	HUMIDIFIER–1 (ADD ALTERNATE #4)	–	480	3	34.3	41.3	052	HB–32,34,36	3/50 63	3	#6	#10	1"	5,6
9	HUMIDIFIER–2 (ADD ALTERNATE #4)	–	480	3	34.3	41.3	108	H1–2,4,6	3/50 63	3	#6	#10	1"	5,6
10	HUMIDIFIER–3 (ADD ALTERNATE #4)	–	480	3	34.3	41.3	220	H2–2,4,6	3/50 63	3	#6	#10	1"	5,6
11	UPS SYSTEM 3KVA	–	208	1	–	–	116	ELB–14,16	2/30	2	#10	#10	1/2"	2
12	CARPET DRYER	–	208	1	–	–	208	L2–16,18	2/30	2	#10	#10	1/2"	2,7
13	CARPET DRYER	–	208	1	–	–	208	L2–20,22	2/30	2	#10	#10	1/2"	2,7
14	CARPET DRYER	–	208	1	–	–	204	L2–24,26	2/30	2	#10	#10	1/2"	2,7
15	CARPET DRYER	–	208	1	–	–	124	L1–14,16	2/30	2	#10	#10	1/2"	2,7
16	CARPET DRYER	–	208	1	–	–	120	L1–~~18,20~~ 28,30	2/30	2	#10	#10	1/2"	2,7
17	CARPET DRYER	–	208	1	–	–	110	L1–22,24	2/30	2	#10	#10	1/2"	2,7
18	CARPET DRYER	–	208	1	–	–	006	LB–36,38	2/30	2	#10	#10	1/2"	2,7
19	CARPET DRYER	–	208	1	–	–	005	LB–40,42	2/30	2	#10	#10	1/2"	2,7
20	CARPET DRYER	–	208	1	–	–	004	LB–44,46	2/30	2	#10	#10	1/2"	2,7
21	CARPET DRYER	–	208	1	–	–	002	LB–48,50	2/30	2	#10	#10	1/2"	2,7
22														

SPECIAL PURPOSE CONNECTION SCHEDULE NOTES

1. PROVIDE A 30A DISCONNECT MOUNTED NEAR THE UNIT.
2. VERIFY PLUG/RECEPTACLE CONFIGURATION WITH THE UNIT.
3. COORDINATE CONNECTION WITH THE ELEVATOR SUPPLIER/INSTALLER.
4. VERIFY PLUG/RECEPTACLE CONFIGURATION WITH EACH BOOK MOBILE.
5. PROVIDE A 60A DISCONNECT MOUNTED NEAR THE UNIT.
6. THESE CONNECTIONS SHALL BE BID AS AN ADD ALTERNATE. BREAKER IN ASSOCIATED PANELBOARD SHALL REMAIN IN BASE BID.
7. VERIFY ELECTRICAL CHARACTERISTICS OF OWNER FURNISHED UNIT BEFORE BRANCH CIRCUIT INSTALLATION.

...UNTY PUBLIC LIBRARY
...D REMODELING
...SCONSIN

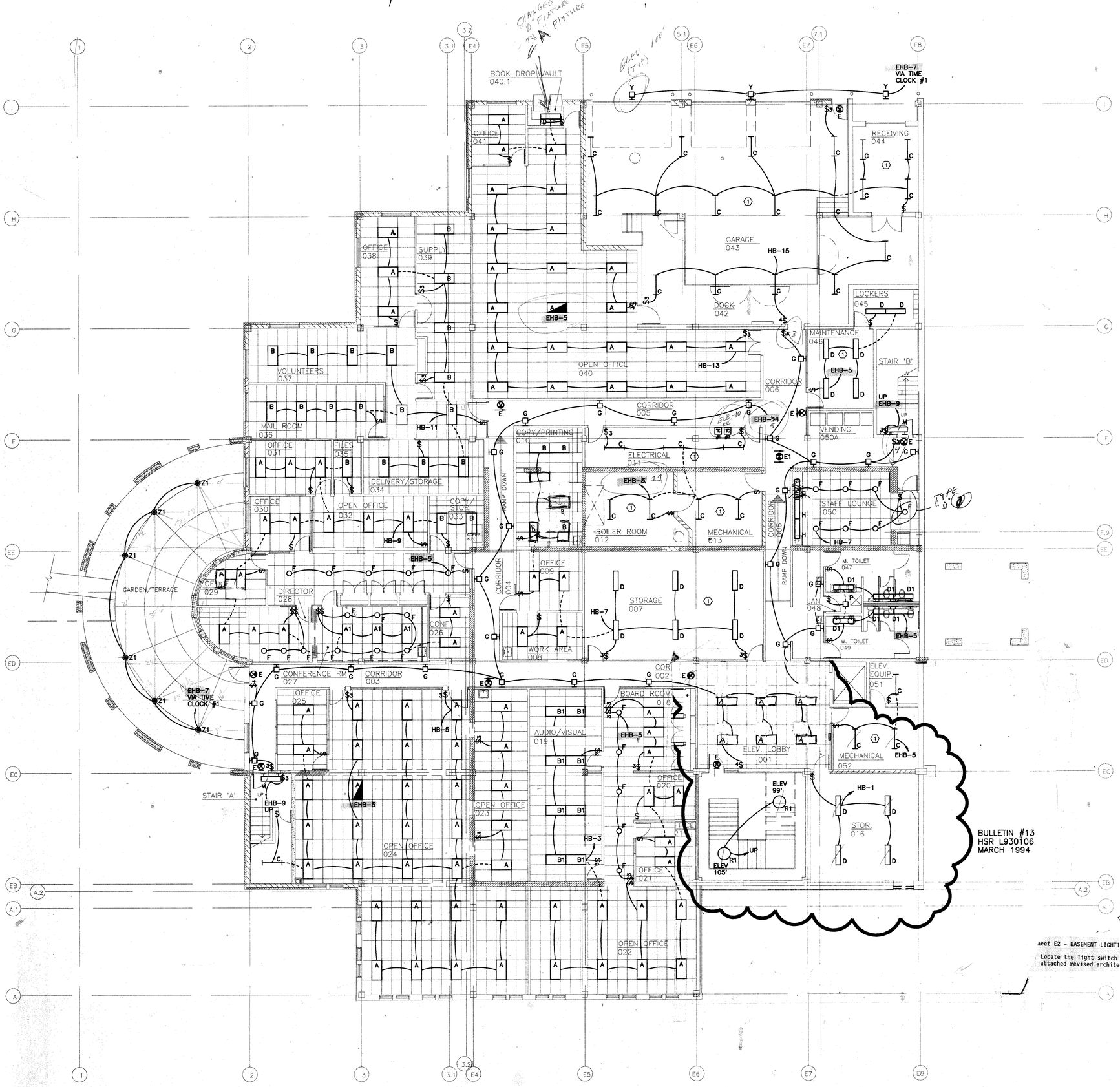
...HEDULES

PRO

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E13

9325E13.DWG – PLOTTED AT 12:42 PM ON 6/18/93



SHEET E2 PLAN NOTES

1. COORDINATE FIXTURE LOCATION WITH ARCHITECTURAL/MECHANICAL OBSTRUCTIONS.

TYPE G – 69" AFF

2. TIME CLOCK 1 + 2, 120V POWER (TIMER MOTOR) FED FROM ELB-10

3. EXIT LIGHTS – EHB 1 BSMNT

7963
32

...heet E2 - BASEMENT LIGHTING PLAN.

. Locate the light switch in Room 040.1 to the new door location. See the attached revised architectural drawing.

BASEMENT LIGHTING PLAN

1/8" = 1'-0"

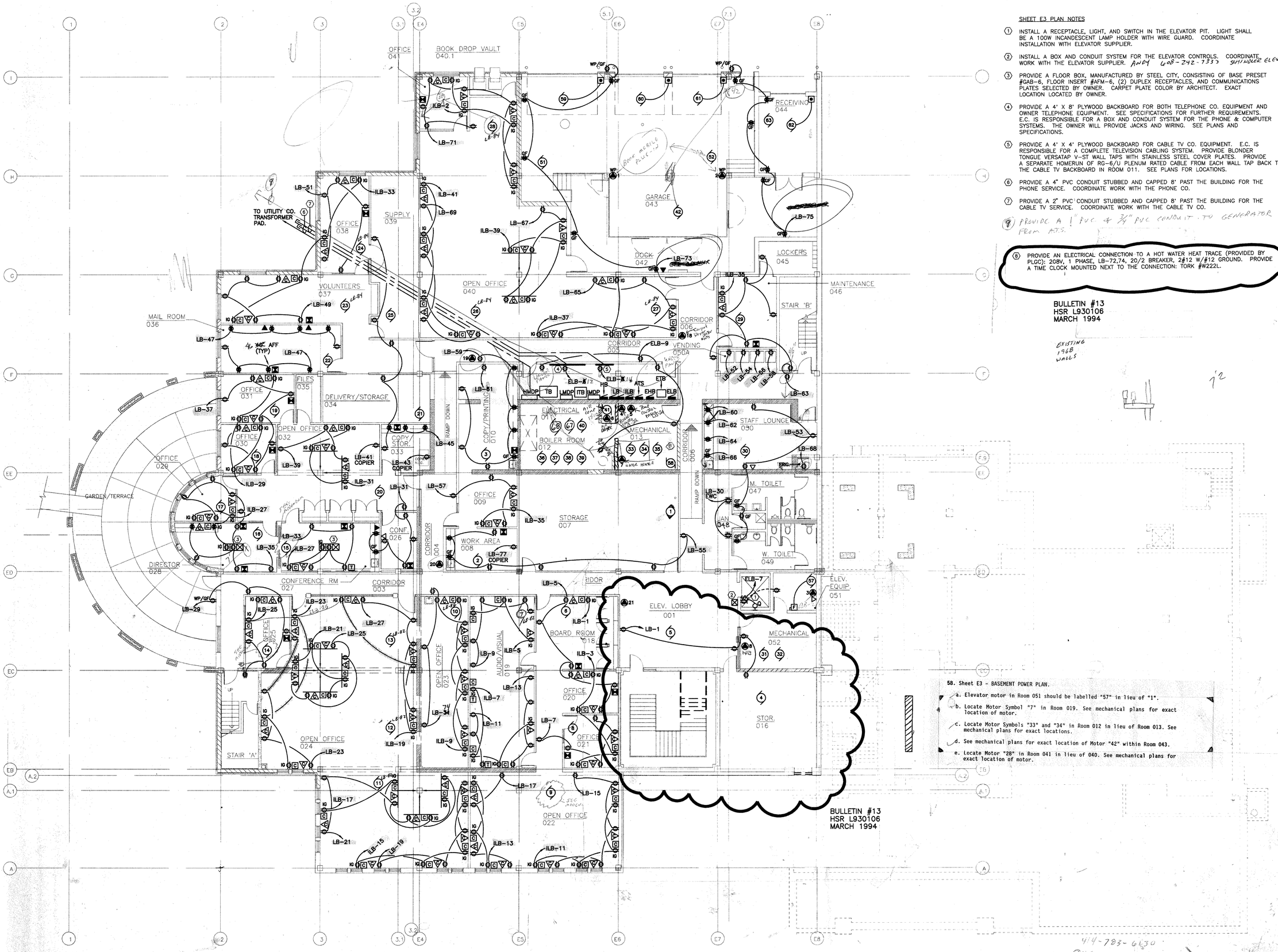
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING BASEMENT LIGHTING PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E2

9325E02.DWG – PLOTTED AT 10:14 AM ON 6/18/93



SHEET E3 PLAN NOTES

1. INSTALL A RECEPTACLE, LIGHT, AND SWITCH IN THE ELEVATOR PIT. LIGHT SHALL BE A 100W INCANDESCENT LAMP HOLDER WITH WIRE GUARD. COORDINATE INSTALLATION WITH ELEVATOR SUPPLIER.
2. INSTALL A BOX AND CONDUIT SYSTEM FOR THE ELEVATOR CONTROLS. COORDINATE WORK WITH THE ELEVATOR SUPPLIER. ANDY 608-242-7335 SHINDLER ELEVATOR
3. PROVIDE A FLOOR BOX, MANUFACTURED BY STEEL CITY, CONSISTING OF BASE PRESET #GAB-6, FLOOR INSERT #AFM-6, (2) DUPLEX RECEPTACLES, AND COMMUNICATIONS PLATES SELECTED BY OWNER. CARPET PLATE COLOR BY ARCHITECT. EXACT LOCATION LOCATED BY OWNER.
4. PROVIDE A 4' X 8' PLYWOOD BACKBOARD FOR BOTH TELEPHONE CO. EQUIPMENT AND OWNER TELEPHONE EQUIPMENT. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS. E.C. IS RESPONSIBLE FOR A BOX AND CONDUIT SYSTEM FOR THE PHONE & COMPUTER SYSTEMS. THE OWNER WILL PROVIDE JACKS AND WIRING. SEE PLANS AND SPECIFICATIONS.
5. PROVIDE A 4' X 4' PLYWOOD BACKBOARD FOR CABLE TV CO. EQUIPMENT. E.C. IS RESPONSIBLE FOR A COMPLETE TELEVISION CABLING SYSTEM. PROVIDE BLONDER TONGUE VERSATAP V-ST WALL TAPS WITH STAINLESS STEEL COVER PLATES. PROVIDE A SEPARATE HOMERUN OF RG-6/U PLENUM RATED CABLE FROM EACH WALL TAP BACK TO THE CABLE TV BACKBOARD IN ROOM 011. SEE PLANS FOR LOCATIONS.
6. PROVIDE A 4" PVC CONDUIT STUBBED AND CAPPED 8' PAST THE BUILDING FOR THE PHONE SERVICE. COORDINATE WORK WITH THE PHONE CO.
7. PROVIDE A 2" PVC CONDUIT STUBBED AND CAPPED 8' PAST THE BUILDING FOR THE CABLE TV SERVICE. COORDINATE WORK WITH THE CABLE TV CO.
9. PROVIDE A 1" PVC & 3/4" PVC CONDUIT TO GENERATOR FROM A.T.S.
8. PROVIDE AN ELECTRICAL CONNECTION TO A HOT WATER HEAT TRACE (PROVIDED BY PLGC): 208V, 1 PHASE, LB-72,74, 20/2 BREAKER, 2#12 W/#12 GROUND. PROVIDE A TIME CLOCK MOUNTED NEXT TO THE CONNECTION: TORK #W222L.

BULLETIN #13
HSR L930106
MARCH 1994

EXISTING 1968 WALLS

58. Sheet E3 - BASEMENT POWER PLAN.
   a. Elevator motor in Room 051 should be labelled "57" in lieu of "1".
   b. Locate Motor Symbol "7" in Room 019. See mechanical plans for exact location of motor.
   c. Locate Motor Symbols "33" and "34" in Room 012 in lieu of Room 013. See mechanical plans for exact locations.
   d. See mechanical plans for exact location of Motor "42" within Room 043.
   e. Locate Motor "28" in Room 041 in lieu of 040. See mechanical plans for exact location of motor.

BULLETIN #13
HSR L930106
MARCH 1994

BASEMENT POWER PLAN

1/8" = 1'-0"

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154
BASEMENT POWER PLAN
DRAWING 6/18/93
DATE
DRAWN BY: RJS
REVISION

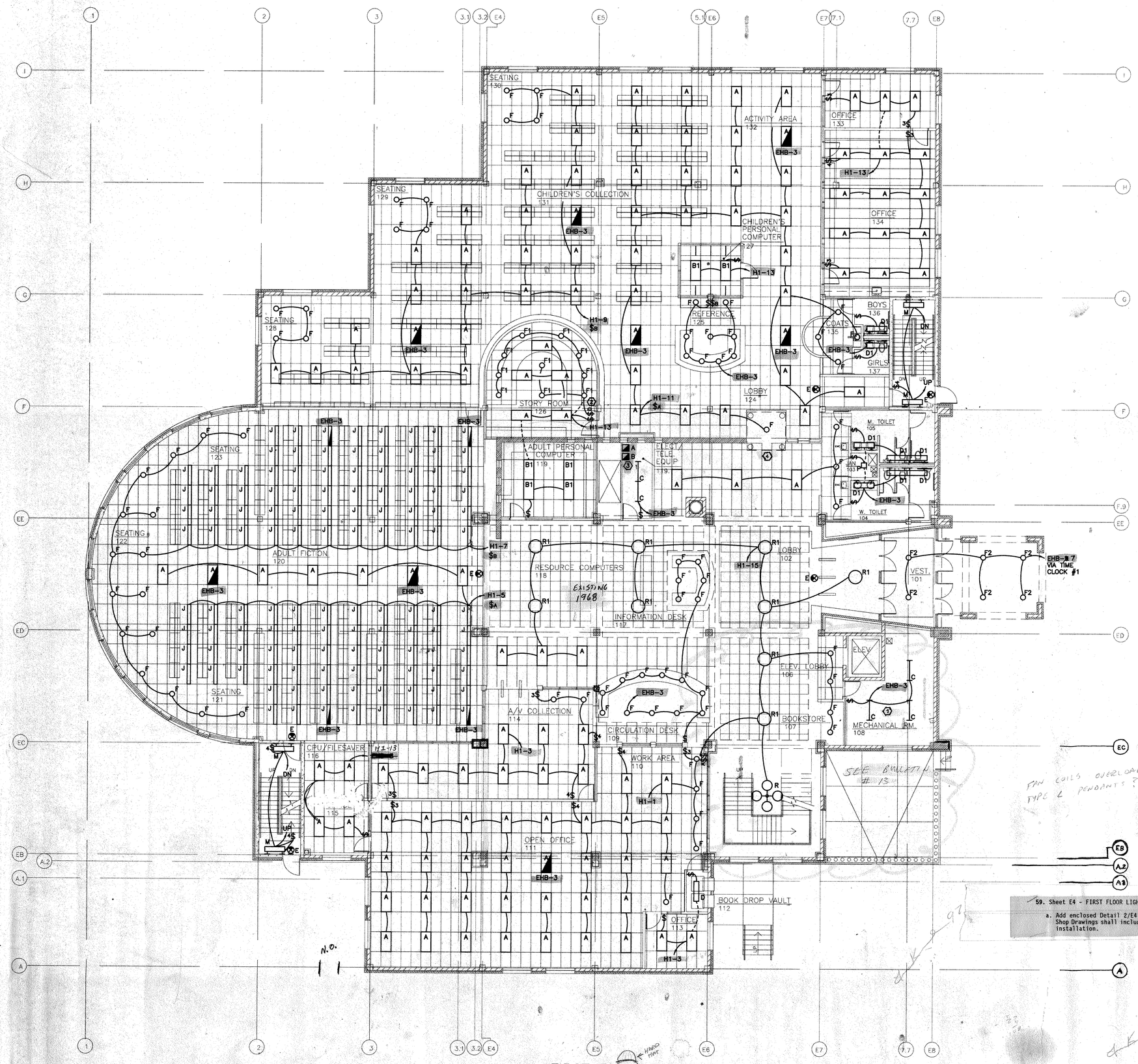
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E3

414-783-6630
866-2955

359-1981

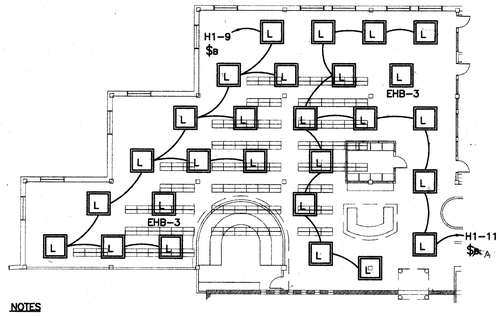
9325603.DWG - PLOTTED AT 10:04 AM ON 6/18/93



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

SHEET E4 PLAN NOTES

1. COORDINATE FIXTURE LOCATIONS WITH MECHANICAL/ARCHITECTURAL OBSTRUCTIONS.
2. PROVIDE A LUTRON NTHF-40-277-WHITE DIMMER CONTROL COMPATIBLE WITH THE LUTRON DIMMING BALLASTS SEE THE LIGHT FIXTURE SCHEDULE FOR FURTHER INFORMATION. THE ADJACENT SWITCH SHALL BE LUTRON AND MATCH THE DIMMER CONTROL.
3. PROVIDE LIGHTING RELAYS A & B WITH ASSOCIATED RELAY SWITCHING LOCATED IN ROOMS 110 & 125 RESPECTIVELY. SEE SPECIFICATIONS FOR FURTHER INFORMATION REGARDING RELAYS. CONTACTOR 120V POWER - CKT L1-42
4. SEE DETAIL 2/E4 FOR "FIBERSTARS" INSTALLATION. CIRCUIT L1-18 (ADDENDUM - JULY 14, 1993)



NOTES

UNDER ALTERNATE #5 FURNISH AND INSTALL (27) TYPE L FIXTURES IN IN LIEU OF (51) TYPE A FIXTURES SHOWN ON THE ADJACENT FLOOR PLAN.

1 E4 ROOM 131 LIGHTING - ALTERNATE #5
1/16" = 1'-0"

59. Sheet E4 - FIRST FLOOR LIGHTING PLAN.

a. Add enclosed Detail 2/E4(Sheet E15) to apply to Sheet E4. Light fixture Shop Drawings shall include an engineered drawing from the factory for this installation.

635-6644

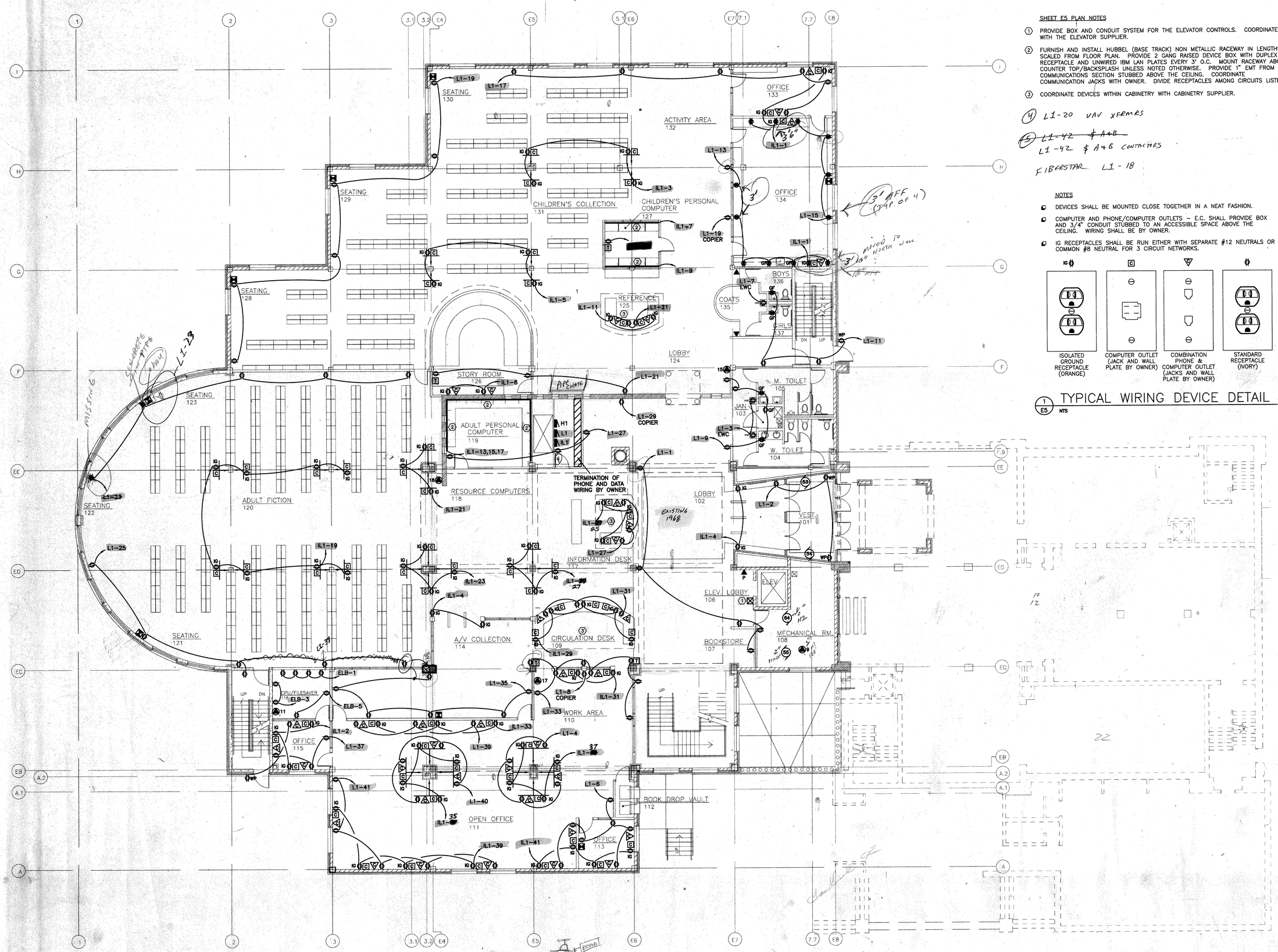
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING FIRST FLOOR LIGHTING PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E4

9325E04.DWG - PLOTTED AT 10:32 AM ON 6/18/93



FIRST FLOOR POWER PLAN

1/8" = 1'-0"

SHEET E5 PLAN NOTES

1. PROVIDE BOX AND CONDUIT SYSTEM FOR THE ELEVATOR CONTROLS. COORDINATE WORK WITH THE ELEVATOR SUPPLIER.
2. FURNISH AND INSTALL HUBBEL (BASE TRACK) NON METALLIC RACEWAY IN LENGTHS SCALED FROM FLOOR PLAN. PROVIDE 2 GANG RAISED DEVICE BOX WITH DUPLEX RECEPTACLE AND UNWIRED IBM LAN PLATES EVERY 3' O.C. MOUNT RACEWAY ABOVE COUNTER TOP/BACKSPLASH UNLESS NOTED OTHERWISE. PROVIDE 1" EMT FROM COMMUNICATIONS SECTION STUBBED ABOVE THE CEILING. COORDINATE COMMUNICATION JACKS WITH OWNER. DIVIDE RECEPTACLES AMONG CIRCUITS LISTED.
3. COORDINATE DEVICES WITHIN CABINETRY WITH CABINETRY SUPPLIER.

4. L1-20 VAV XFRMRS
5. ~~L1-42 & A+B~~ L1-42 & A+B CONTACTORS

FIBERSTAR L1-18

NOTES

- DEVICES SHALL BE MOUNTED CLOSE TOGETHER IN A NEAT FASHION.
- COMPUTER AND PHONE/COMPUTER OUTLETS – E.C. SHALL PROVIDE BOX AND 3/4" CONDUIT STUBBED TO AN ACCESSIBLE SPACE ABOVE THE CEILING. WIRING SHALL BE BY OWNER.
- IG RECEPTACLES SHALL BE RUN EITHER WITH SEPARATE #12 NEUTRALS OR COMMON #8 NEUTRAL FOR 3 CIRCUIT NETWORKS.

1 / E5 TYPICAL WIRING DEVICE DETAIL

NTS

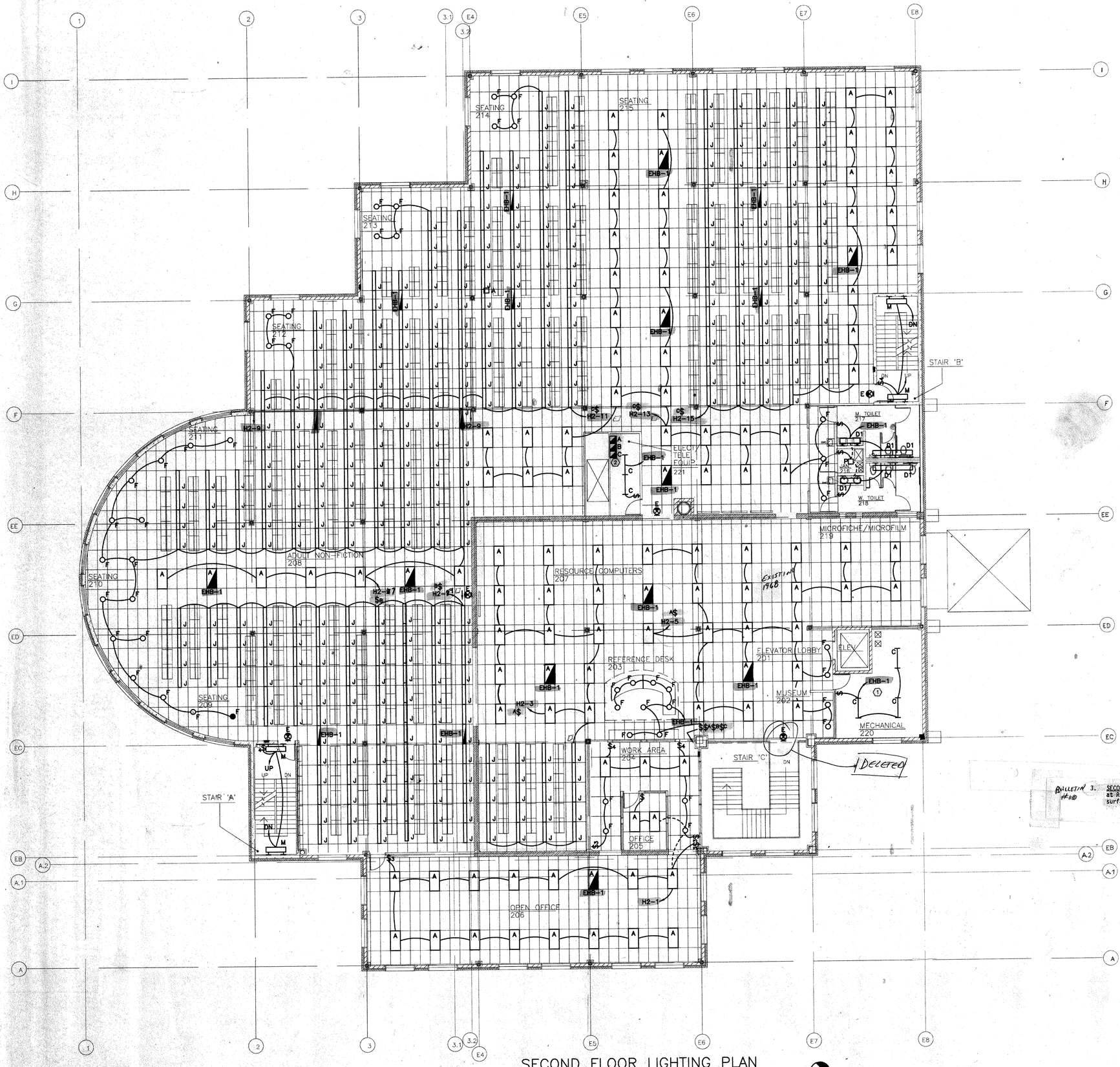
PROJECT MARATHON COUNTY PUBLIC LIBRARY ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING FIRST FLOOR POWER PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI.

E5

9326505.DWG – PLOTTED AT 10:42 AM ON 6/18/93



SECOND FLOOR LIGHTING PLAN

1/8" = 1'-0"

SHEET E6 PLAN NOTES

1. COORDINATE FIXTURE INSTALLATION WITH MECHANICAL/ARCHITECTURAL OBSTRUCTIONS.
2. PROVIDE LIGHTING RELAYS A, B, & C WITH ASSOCIATED RELAY SWITCHING LOCATED IN ROOM 204. SEE SPECIFICATIONS FOR FURTHER INFORMATION REGARDING RELAYS.

BULLETIN #10 3. SECOND FLOOR LIGHTING PLAN - SHEET E6. Recessed light fixtures type 'F' at Rooms 201 and 202 change to "Pescolite" #CFS 1026-782-277V white surface mounted downlight.

* * *

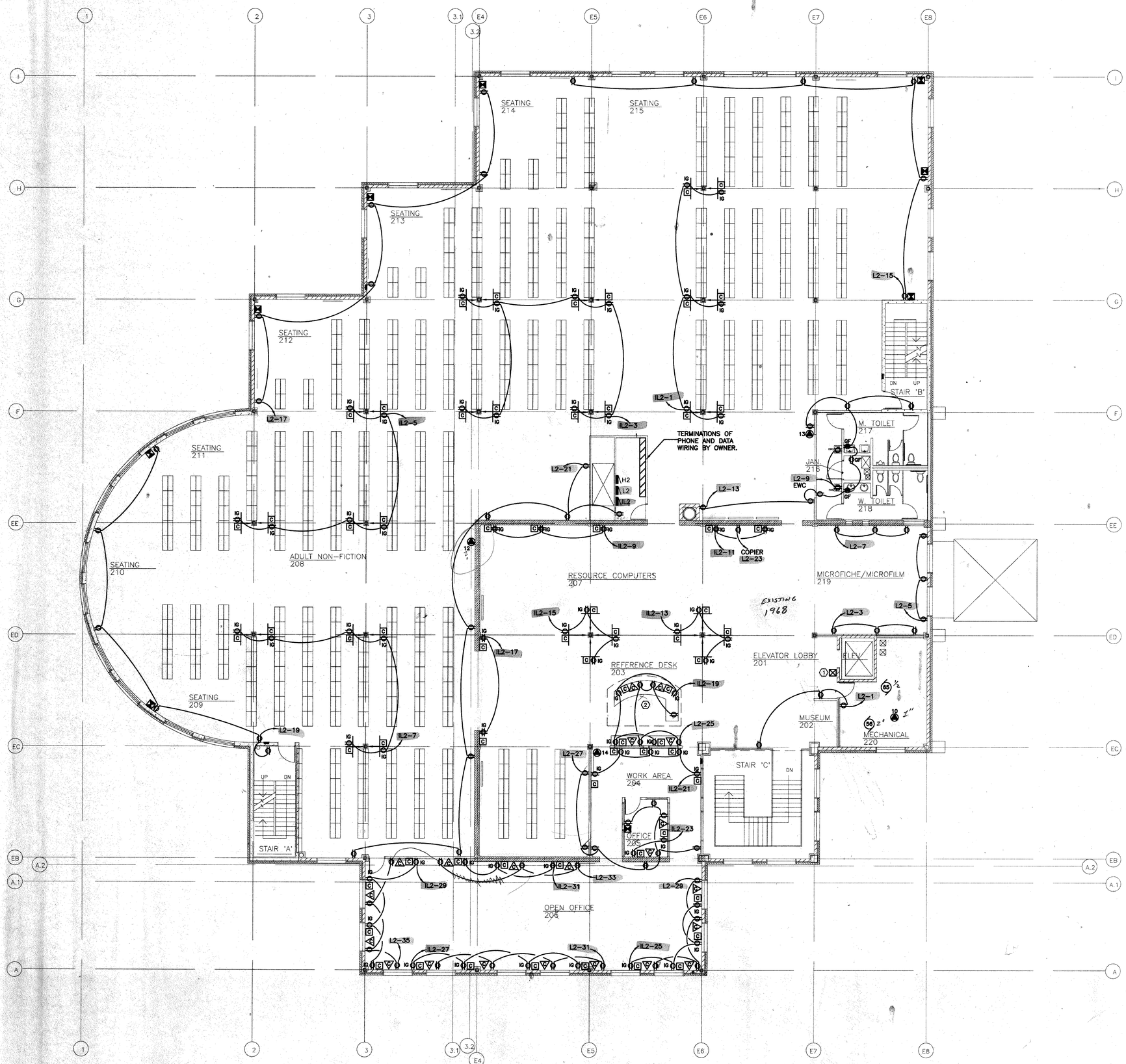
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING SECOND FLOOR LIGHTING PLAN
DATE 6/18/93
DRAWN BY DLB
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E6

9/29/06.DWG -- PLOTTED AT 11:17 AM ON 6/18/93



SECOND FLOOR POWER PLAN

1/8" = 1'-0"

SHEET E7 PLAN NOTES

1. PROVIDE BOX AND CONDUIT SYSTEM FOR THE ELEVATOR CONTROLS. COORDINATE WORK WITH THE ELEVATOR SUPPLIER.
2. COORDINATE DEVICES WITHIN CABINETRY WITH CABINETRY SUPPLIER.

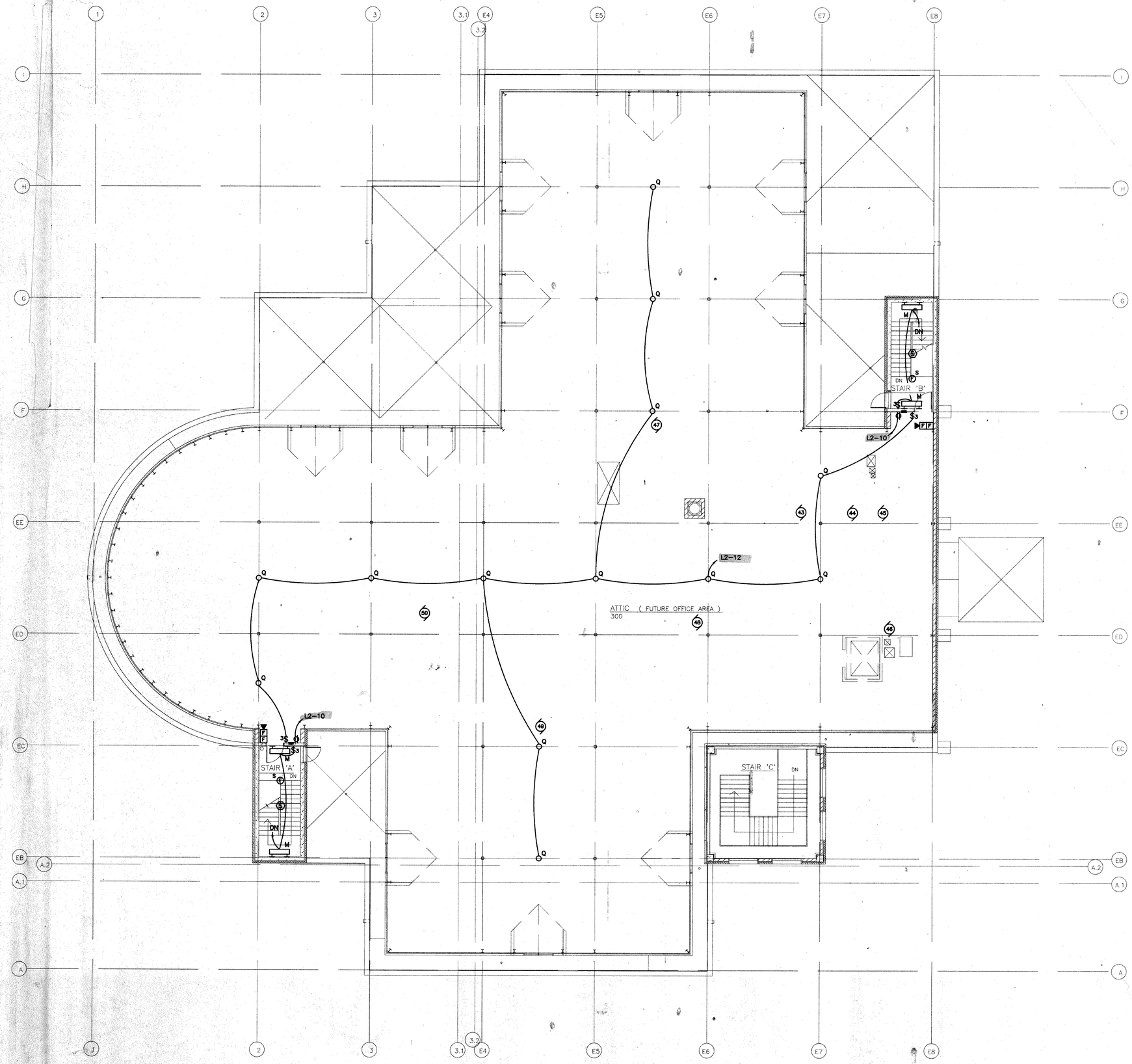
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING SECOND FLOOR POWER PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E7

9325E07.DWG — PLOTTED AT: 11:27 AM ON 6/18/93



THIRD FLOOR ELECTRICAL/SYSTEMS PLAN

1/8" = 1'-0"

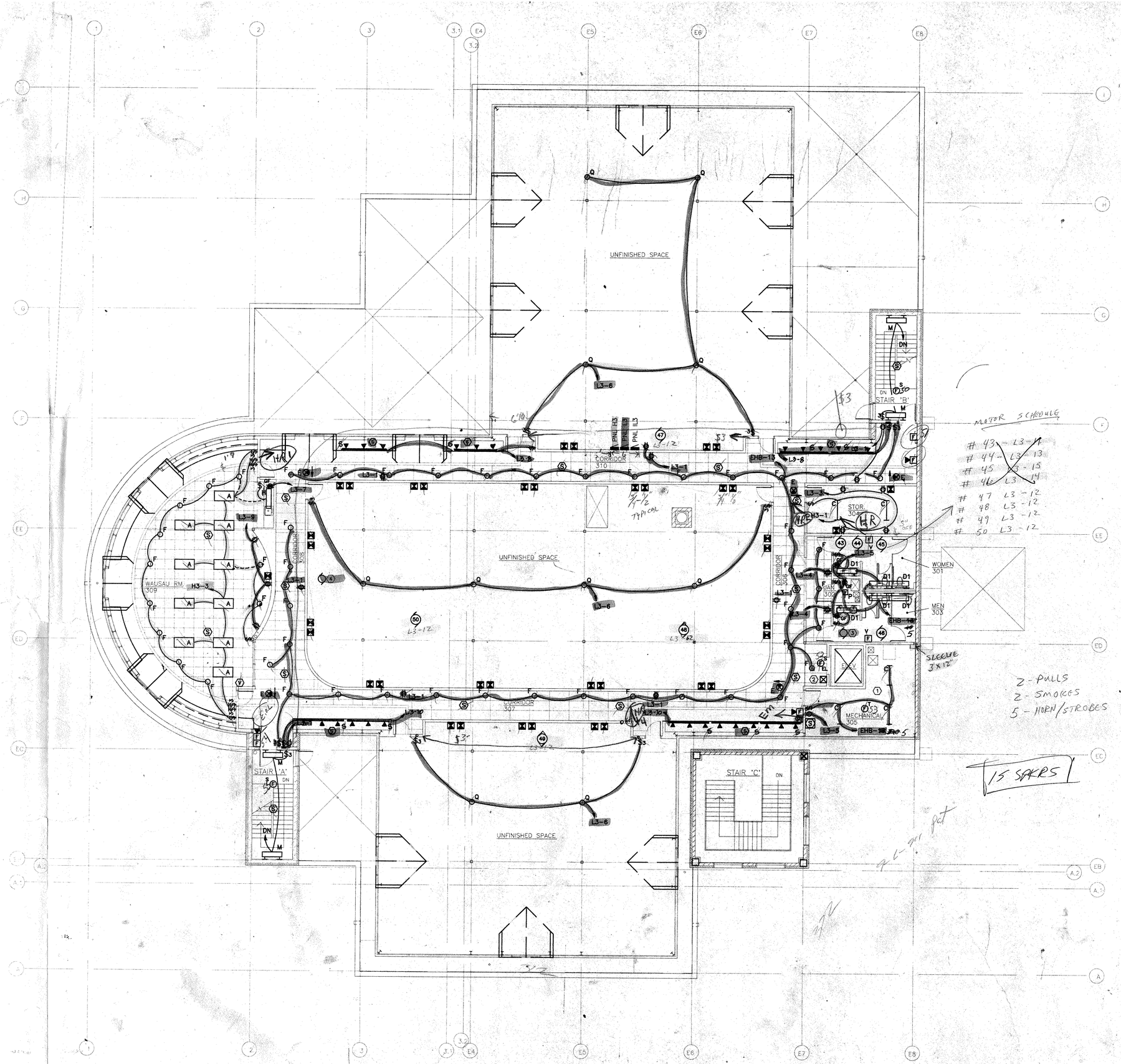
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING THIRD FLOOR ELECTRICAL/SYSTEMS PLAN
DATE 6/18/93
DRAWN BY RJS
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E8

9325608.DWG - PLOTTED AT 11:37 AM ON 6/18/93



THIRD FLOOR ELECTRICAL/SYSTEMS PLAN
1/8" = 1'-0"

SHEET E8 PLAN NOTES

1. COORDINATE FIXTURE LOCATIONS WITH MECHANICAL/ARCHITECTURAL OBSTRUCTIONS.
2. PROVIDE A BOX AND CONDUIT SYSTEM FOR THE ELEVATOR CONTROLS. COORDINATE WORK WITH ELEVATOR SUPPLIER.
3. PROVIDE A CONNECTION TO AN EXHAUST FAN: 1/4HP, 120V, 1 PHASE, L3-~~2~~ 16, 20/1 BREAKER, 2#12 W/ #12 GROUND. PROVIDE A MAGNETIC STARTER NEAR THE UNIT, INTERLOCK BY TEMPERATURE CONTROLS CONTRACTOR.
4. PROVIDE A CONNECTION TO A SELF CONTAINED HVAC UNIT: 26MCA, 480V, 3 PHASE, ~~2#12 W/ #12~~ 40/3 BREAKER, 3#8 W/#10 GROUND IN 3/4" CONDUIT. PROVIDE A 60A FUSED DISCONNECT MOUNTED NEAR THE UNIT. PROVIDE FUSES SIZED PER MANUFACTURERS RECOMMENDATIONS.
5. PROVIDE FIXTURE TYPE S1 (3) PRESCOLITE #T321 - WHITE HEADS WITH 50MR16/MFL LAMPS, 120V, PRESCOLITE #T58 - WHITE 8' SINGLE CIRCUIT TRACK. PROVIDE ALL MOUNTING ACCESSORIES FOR A COMPLETE AND OPERABLE SYSTEM.

L3-11 - COMPRESSOR ROOM EXHAUST
L3-13 - ELEVATOR ROOM EXHAUST
L3-15 - ELECT. ROOM EXHAUST
L3-14 - BATH ROOM EXHAUST
L3-16 - 3RD FLOOR EXHAUST (BULLETIN #13 NOTE #3)

ENTIRE SHEET IS REVISED EXCEPT THE STAIRS ~~AND MOTOR CONNECTIONS~~ PREVIOUSLY SHOWN

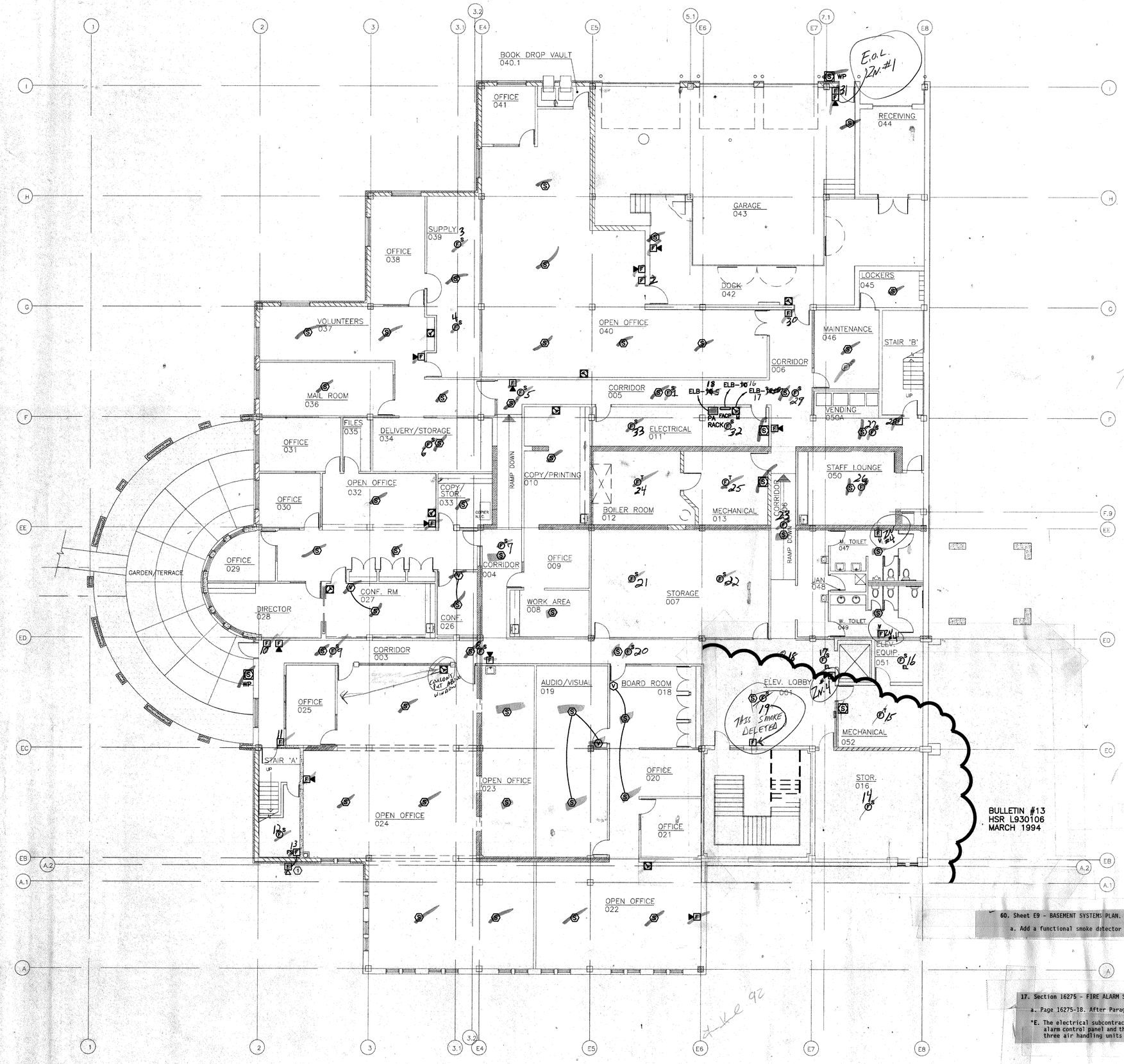
BULLETIN #13
HSR L930106
MARCH 1994

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154

DRAWING	THIRD FLOOR ELECTRICAL/SYSTEMS PLAN
DATE	6/18/93
DRAWN BY	RJS
REVISION	MARCH 1994

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E8R BULLETIN #13



SHEET E9 PLAN NOTES

1. INSTALL A SPRINKLER SYSTEM HORN (PROVIDED BY PLGC) AT 10' AFG ON THE OUTSIDE OF THE BUILDING. THE 120V HORN SHALL BE INTERLOCKED WITH THE SPRINKLER SYSTEM FLOW SWITCH. PROVIDE A 20A CIRCUIT ELB-4. INTERLOCK THE FLOW SWITCH WITH THE FIRE ALARM SYSTEM.

60. Sheet E9 - BASEMENT SYSTEMS PLAN.

a. Add a functional smoke detector to Room 046.

17. Section 16275 - FIRE ALARM SYSTEM.

a. Page 16275-18. After Paragraph 3.01 D., add the following:

"E. The electrical subcontractor shall provide an interlock between the fire alarm control panel and the temperature control panel for shut down of the three air handling units upon activation of an alarm."

BASEMENT SYSTEMS PLAN

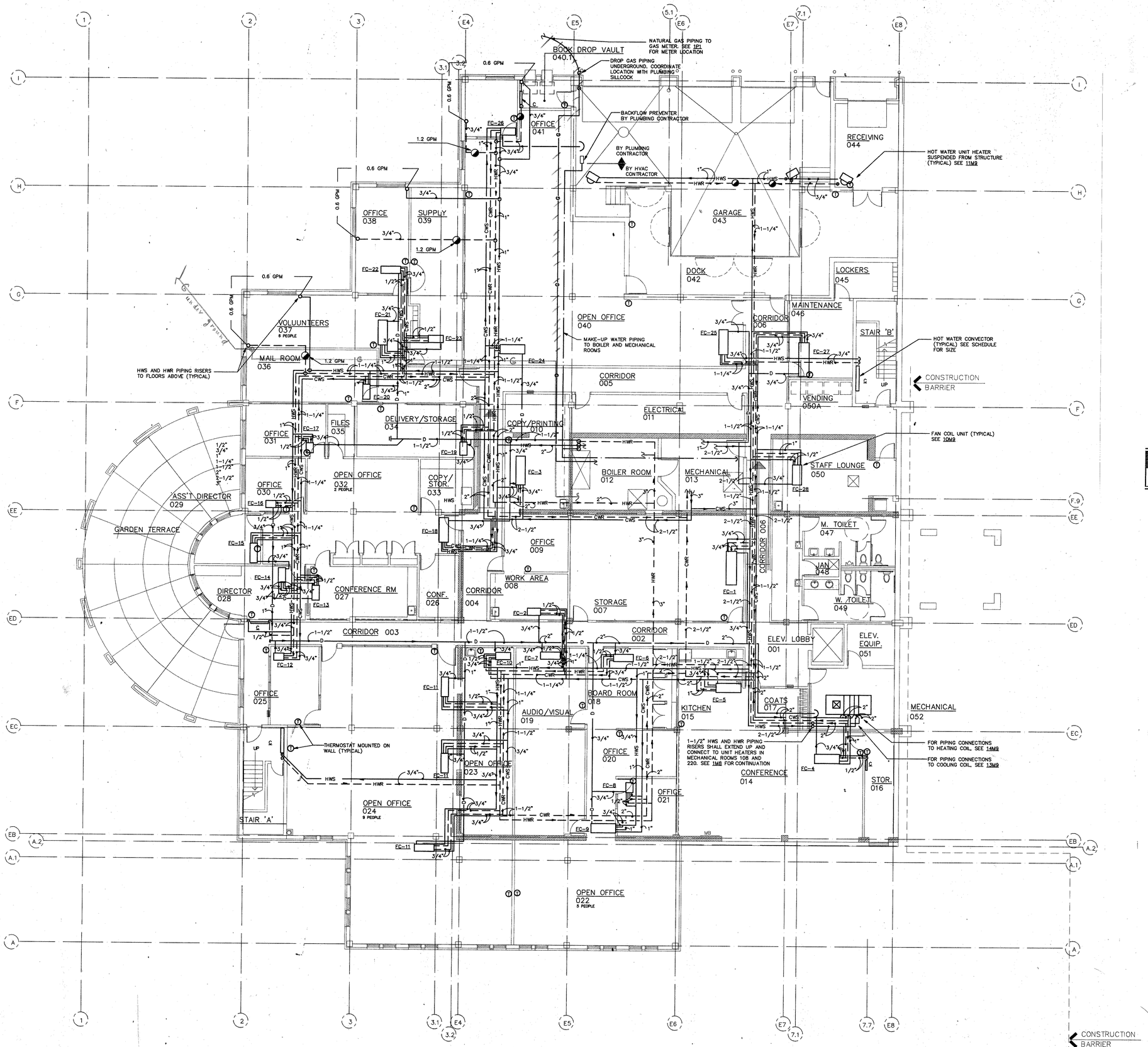
1/8" = 1'-0"

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154
BASEMENT SYSTEMS PLAN
DRAWING
DATE 6/18/93
DRAWN BY RJS
REVISION

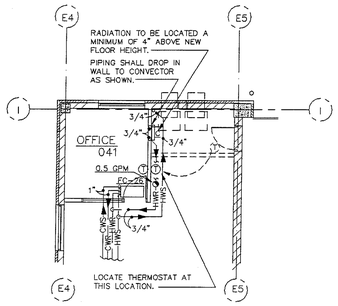
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

E9

9326E09.DWG - PLOTTED AT 11:43 AM ON 6/18/93



1 BASEMENT HVC PIPING PLAN
1/8" = 1'-0"



1 REVISED HVC BASEMENT PLAN
1/8" SW CORNER

HSR ASSOCIATES INC
100 MILWAUKIE ST
LA CROSSE, WISCONSIN 54603
TELEPHONE 608 784 3630
FAX 608 782 5844
ARCHITECTURE ENGINEERING

MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154
DATE: 3-8-94

BULLETIN NO. 16
M15

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

DRAWING L920154
DATE BASEMENT FLOOR PLAN
DRAWN BY APRIL 1993
REVISION D.V.

HSR ASSOCIATES INC.
RECEIVED
JAN 23 1995
HVAC AS-BUILTS

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M1

VAV BOXES

UNIT NO.	SERVES ROOM	MODEL NO. UNIT	MAX CFM	MIN CFM	MAX UNIT S.P.	DESIGN INLET S.P.	INLET DUCT SIZE	NC LEVEL (SOUND)	COIL DATA: COIL TYPE	GPM	COIL W.P.D. DROP	ENT. H.W. TEMP.	ENT. AIR TEMP.	TOTAL MBH	REMARK REF NO.
1-1	STAIR C	VCWD	2000	700	0.32	0.65	12"ø	25	S8	1.6	1.06	200	54.5	64.3	
1-2	113	VCWD	200	70	0.19	0.40	5"ø	25	S8	0.5	0.09	200	54.5	8.8	
1-3	111	VCWD	2300	1220	0.41	0.86	14"ø	25	S8	1.6	1.04	200	54.5	60.6	
1-4	114	VCWD	700	375	0.21	0.39	8"ø	25	S8	0.5	0.12	200	54.5	17.2	
1-5	115	VCWD	300	105	0.40	0.9	6"ø	25	S8	0.5	0.09	200	54.5	9.0	
1-6	116	VCWD	750	265	0.24	0.45	8"ø	25	S8	0.5	0.12	200	54.5	15.6	
1-7	121	VCWD	1850	650	0.28	0.56	12"ø	25	S8	1.0	0.52	200	54.4	40.9	
1-8	120	VCWD	1600	1480	0.21	0.42	12"ø	25	S8	1.6	1.06	200	54.5	64.3	
1-9	123	VCWD	1850	650	0.28	0.56	12"ø	25	S8	1.0	0.52	200	54.5	41.5	
1-10	119	VCWD	750	640	0.24	0.45	8"ø	25	S8	0.5	0.12	200	54.5	19.3	
1-11	102,117,118	VCWD	2500	2000	0.24	0.54	14"ø	25	S8	2.4	2.78	200	54.5	96.6	
1-12	134	VCWD	1000	375	0.17	0.35	10"ø	25	S8	0.6	0.22	200	54.5	25.7	
1-13	133	VCWD	600	210	0.16	0.35	8"ø	25	S8	0.7	0.17	200	54.5	16.5	
1-14	127	VCWD	600	210	0.16	0.35	8"ø	25	S8	0.5	0.12	200	54.5	14.5	
1-15	131	VCWD	1900	1480	0.29	0.59	12"ø	25	S8	1.6	1.06	200	54.5	64.3	
1-16	130,132	VCWD	2700	1120	0.28	0.63	14"ø	25	S8	2.4	2.70	200	54.5	77.6	
1-17	126	VCWD	800	335	0.27	0.51	8"ø	25	S8	0.5	0.12	200	54.5	16.7	
1-18	128,129	VCWD	1600	1130	0.21	0.42	12"ø	25	S8	1.4	0.84	200	54.5	56.0	
2-1	205	VCWD	200	70	0.19	0.40	5"ø	25	S8	0.5	0.09	200	54.0	8.9	
2-2	204	VCWD	400	150	0.28	0.48	6"ø	25	S8	0.5	0.09	200	54.0	10.3	
2-3	206	VCWD	3200	1120	0.26	0.53	16"ø	25	S8	3.1	4.99	200	54.0	123.6	
2-4	209,210,211	VCWD	3300	1270	0.27	0.57	16"ø	25	S8	3.5	6.01	200	54.0	96.9	
2-5	208	VCWD	3700	2630	0.33	0.71	16"ø	25	S8	3.5	6.14	200	54.0	129.2	
2-6	212,213	VCWD	1800	1130	0.26	0.53	12"ø	25	S8	1.6	1.04	200	54.0	59.3	
2-7	201,203	VCWD	2250	1500	0.20	0.44	14"ø	25	S8	2.4	2.73	200	54.0	87.7	
2-8	207,219	VCWD	2250	1500	0.20	0.44	14"ø	25	S8	2.4	2.73	200	54.0	87.7	
2-9	214,215	VCWD	3400	1500	0.29	0.60	16"ø	25	S8	3.5	6.03	200	54.0	103.6	
2-10	215	VCWD	2500	2050	0.24	0.54	14"ø	25	S8	2.4	2.81	200	54.0	97.1	
2-11	215	VCWD	2500	2050	0.24	0.54	14"ø	25	S8	2.4	2.81	200	54.0	97.1	

REMARKS: DESIGN INLET S.P. INCLUDES DOWNSTREAM S.P. PLUS MAXIMUM UNIT S.P. DUCT COILS SHALL BE SUPPLIED WITH VAV UNITS.

LOUVERS

LOUVER REF. NO.	TYPE	SIZE W x H	FREE AREA SQ.FT.	MODEL NO.	TYPE OF BLADE	CONSTRUCTION: GALV. STEEL	ALUM.	OTHER	FRAME DEPTH	REMOVABLE CORE	SERVES UNIT NO.	REMARKS REF. NO.
L-1	INTAKE	72"x24"	5.57	LE31A'	DRAINABLE		YES		6"	YES	AH-1	1
L-2	INTAKE	72"x24"	5.57	LE31A	DRAINABLE		YES		6"	YES	SC-1	1
L-3	INTAKE	72"x24"	5.57	LE31A	DRAINABLE		YES		6"	YES	SC-2	1
L-4	EXHAUST	36"x12"	0.69	LE31A	DRAINABLE		YES		6"	YES	DX-1	1

REMARKS: 1. SELECTION BASED ON PRODUCT BY AMERICAN WARMING.

AIR DISTRIBUTION DEVICES

UNIT REF.	FIXTURE TYPE	STYLE	FINISH	DAMPER TYPE	SIZE	MODEL NO.	FRAME TYPE	REMARKS REF. NO.
A	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	12/12	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,6,7
B	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	2-WAY SERIES 5000-SC	LAY-IN	1,2,3,6,7
C	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	2-WAY SERIES 5000-S2	LAY-IN	1,2,3,7
D	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	18/18	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,7
E	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	15/15	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,7
F	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	12/12	2-WAY SERIES 5000-SC	LAY-IN	1,2,3,7
G	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,7
H	RETURN	EGG CRATE	OFF-WHITE	OPP BLADE	18/18	CC5	LAY-IN	1,2,3,7
I	RETURN	EGG CRATE	OFF-WHITE	OPP BLADE	12/12	CC5	LAY-IN	1,2,3,7
J	RETURN	FIXED BLADE	OFF-WHITE	OPP BLADE	12/6	RHD	SURFACE	1. 4. 7.
K	RETURN	EGG CRATE	OFF-WHITE	OPP BLADE	24/24	CC5	LAY-IN	1,2,3,7
L	SUPPLY	DOUBLE DEFLECTION	OFF-WHITE	OPP BLADE	24/18	H4004D	SIDEWALL	1,5,7
M	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	6/6	4-WAY SERIES 5500	LAY-IN	1,2,3,7
N	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	4-WAY SERIES 5500	LAY-IN	1,2,3,7
O	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	12/12	4-WAY SERIES 5500	LAY-IN	1,2,3,7
P	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	18/18	4-WAY SERIES 5500	LAY-IN	1,2,3,7
Q	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	18/18	3-WAY SERIES 5500	LAY-IN	1,2,3,7
R	RETURN	EGG CRATE	OFF-WHITE	NO	24/12	CC5F	LAY-IN	1,2,3,7
S	RETURN	EGG CRATE	OFF-WHITE	NO	24/24	CC5F	LAY-IN	1,2,3,7
T	TRANSFER	FIXED BLADE	OFF-WHITE	NO	36/8	RH	SURFACE	1. 5. 7.
U	EXHAUST	FIXED BLADE	OFF-WHITE	OPP BLADE	38/8	RHD	SURFACE	1. 5. 7.

REMARKS:
1. SEE PLAN FOR LOCATION, SIZE, QUANTITY, AIR PATTERN, & CFM.
2. SEE REFLECTED CEILING PLAN FOR LAY-IN CEILING PANEL SIZE OR TYPE.
3. FLUSH MOUNT LAY-IN DIFFUSER, IN LAY-IN CEILING.
4. SURFACE MOUNT FLAT BORDER (CEILING OR DUCT MOUNTED)
5. SIDEWALL SURFACE MOUNT. SEE PLAN FOR MOUNTING ELEVATION.
6. INDUCTION VANES REQUIRED.
7. BASED ON A PRODUCT BY METALAIRE.

FAN COIL UNITS

UNIT NO.	MODEL NO. UNIT	SIZE	FILT. TYPE	CFM	MOTOR WATTS	HEATING COIL: COIL TYPE	CALC MBH	GPM	EWT	WPD	COOLING COIL: COIL TYPE	MBH SEN	MBH TOTAL	GPM	EWT	WTR	WPD	TEMP CONTROL	REMARK REF NO.
FC-1	HORIZ.	12	TA	1200	380	HW	0	2.0	200	1.1	CW	20.7	21.8	3.0	45	15.4	2.0	2-WAY	12
FC-2	HORIZ.	3	TA	300	60	HW	0	1.0	200	1.3	CW	4.3	5.4	1.4	45	7.8	2.5	2-WAY	12
FC-3	HORIZ.	12	TA	1200	380	HW	0	2.0	200	1.1	CW	19.5	19.5	2.3	45	18.1	1.3	2-WAY	12
FC-4	HORIZ.	10	TA	1000	130	HW	4.5	2.0	200	1.6	CW	14.1	17.3	4.7	45	7.4	6.2	2-WAY	12
FC-5	HORIZ.	10	TA	1000	130	HW	4.5	2.0	200	1.6	CW	14.1	17.3	4.7	45	7.4	6.2	2-WAY	12
FC-6	HORIZ.	6	TA	600	205	HW	0	1.0	200	1.4	CW	10.9	12.6	2.8	45	9.4	9.7	2-WAY	12
FC-7	HORIZ.	6	TA	600	205	HW	0	1.0	200	1.4	CW	11.0	12.7	2.9	45	9.3	10.2	2-WAY	12
FC-8	HORIZ.	2	TA	200	55	HW	0	1.0	200	0.7	CW	2.9	3.4	1.0	45	7.2	0.7	2-WAY	12
FC-9	HORIZ.	10	TA	1000	130	HW	6.2	2.0	200	1.6	CW	14.3	17.6	5.1	45	7.1	6.8	3-WAY	12
FC-10	HORIZ.	4	TA	400	55	HW	0	1.0	200	0.9	CW	6.1	7.7	2.4	45	6.6	4.4	2-WAY	12
FC-11	HORIZ.	6	TA	600	205	HW	4.0	1.0	200	1.4	CW	10.5	11.4	2.0	45	11.8	5.4	2-WAY	12
FC-12	HORIZ.	2	TA	200	55	HW	4.8	1.0	200	0.7	CW	2.9	3.4	1.0	45	7.2	0.7	3-WAY	12
FC-13	HORIZ.	4	TA	400	55	HW	0	1.0	200	0.9	CW	5.3	6.0	0.9	45	13.0	0.8	2-WAY	12
FC-14	HORIZ.	4	TA	400	55	HW	10.1	1.0	200	0.9	CW	5.9	7.3	1.8	45	8.2	2.6	2-WAY	12
FC-15	HORIZ.	6	TA	600	80	HW	10.1	1.0	200	1.4	CW	8.2	10.6	3.7	45	5.8	16.4	2-WAY	12
FC-16	HORIZ.	2	TA	200	55	HW	4.1	1.0	200	0.7	CW	2.9	3.4	1.0	45	7.2	0.7	2-WAY	12
FC-17	HORIZ.	2	TA	200	55	HW	4.0	1.0	200	0.7	CW	3.0	3.7	1.2	45	6.4	1.0	2-WAY	12
FC-18	HORIZ.	10	TA	1000	130	HW	2.7	2.0	200	1.6	CW	14.9	19.0	7.4	45	5.3	12.4	3-WAY	12
FC-19	HORIZ.	3	TA	300	60	HW	0	1.0	200	1.3	CW	4.1	4.9	1.0	45	10.1	1.3	2-WAY	12
FC-20	HORIZ.	4	TA	400	55	HW	4.2	1.0	200	0.9	CW	6.4	8.4	3.9	45	4.4	10.8	2-WAY	12
FC-21	HORIZ.	10	TA	1000	130	HW	10.0	2.0	200	1.6	CW	13.7	16.1	3.6	45	9.2	4.0	2-WAY	12
FC-22	HORIZ.	6	TA	600	80	HW	10.2	1.0	200	1.4	CW	7.4	8.7	1.6	45	11.0	3.6	2-WAY	12
FC-23	HORIZ.	4	TA	400	55	HW	1.6	1.0	200	0.9	CW	5.4	6.0	1.0	45	12.8	0.8	2-WAY	12
FC-24	HORIZ.	10	TA	1000	130	HW	6.1	2.0	200	1.6	CW	15.0	19.2	7.9	45	5.0	13.8	3-WAY	12
FC-25	HORIZ.	10	TA	1000	130	HW	6.1	2.0	200	1.6	CW	15.0	19.2	7.9	45	5.0	13.8	3-WAY	12
FC-26	HORIZ.	4	TA	400	55	HW	5.5	1.0	200	0.9	CW	6.4	8.4	3.9	45	4.4	10.8	2-WAY	12
FC-27	HORIZ.	12	TA	1200	380	HW	5.0	2.0	200	1.1	CW	18.3	18.3	2.0	45	19.5	1.1	2-WAY	12
FC-28	HORIZ.	8	TA	800	130	HW	2.0	1.0	200	0.9	CW	11.2	13.2	3.3	45	8.3	7.7	2-WAY	12

REMARKS:
1. SELECTION BASED ON PRODUCT BY TRANE.
2. HEATING COIL MBH MUST EXCEED CALCULATED ROOM HEAT LOSS VALUE SHOWN.

CAB HEATERS

ROOM NUMBER	QUANTITY	MBH	MODEL NO.	SIZE	FULL DEPTH	RECESS DEPTH	CABINET: WIDE	HIGH	FRONT PANEL SIZE	CFM	HP	REMARKS REF.
101	2	17.6	N46A0	02	9 1/8	8 1/2	39	28	39x28	220	1/60(120/1)	1

REMARKS:
1. SELECTION BASED ON PRODUCT BY TRANE CO.

UNIT HEATERS

ROOM NO.	QUANTITY	INSTALLED MBH	TYPE	MODEL NUMBER	LOUVER FIN DIFF.	CFM	E.W.T.	E.A.T.	H.P. MOTOR	TEMP. CONTROL	REMARKS
108	1	103	HORIZ.	168-S	YES	1760	200°	48.8	1/6(120/1)	2-WAY	1
220	1	91.7	HORIZ.	168-S	YES	1760	200°	49.9	1/6(120/1)	2-WAY	1
3rd FL	4	27.2 ea.	HORIZ.	38W2	YES	543	200°	65	1/20(120/1)	2-WAY	1
GARAGE	2	27.2 ea.	HORIZ.	38W2	YES	543	200°	55	1/20(120/1)	2-WAY	1

REMARKS:
1. SELECTION BASED ON PRODUCT BY TRANE.

FIN TUBE RADIATION

UNIT NO.	TOTAL MBH INSTALLED	TYPE	ELEMENT: NO. OF ROWS	SIZE & SERIES	LENGTH	CABINET: LENGTH (APPROX)	DEPTH	HEIGHT	ACCESSORIES: CORNER I.S.-O.S.	TRIM STRIP	END CAP RH-LH	DMPR.	TEMP. CONTR.	REMARKS REF. NO.
WF-1	36.0	A	1	3/4" COPPER 3-1/4"x3-1/4"	10 SECTIONS 4'-0" EA.	SEE PLAN	4-3/4"	6"	VARIES	SEE PLAN	SEE PLAN	--	2-WAY	1,2,3
WF-2	10.8	A	1	3/4" COPPER 3-1/4"x3-1/4"	2 SECTIONS 6'-0" EA.	SEE PLAN	4-3/4"	6"	VARIES	SEE PLAN	SEE PLAN	--	2-WAY	1,2,3

REMARKS:
1. SELECTION BASED ON ELEMENT WITH 40 FINS PER FOOT, 900 BTU PER FOOT CAPACITY, 200°F. E.W.T., 20°F. WTD.
2. CURVED WALL FIN. CONTRACTOR SHALL FIELD VERIFY RADIUS.
3. SELECTION BASED ON A PRODUCT BY VULCAN.

CONVECTORS

ROOM NO.	QUANTITY	INSTALLED MBH	TYPE	FULL DEPTH	RECESS DEPTH	CABINET: WIDTH	HEIGHT	SIDES OVERLAPPED	DAMPER	TEMP. CONTROL	REMARKS
STAIR A	1	15.6	SW	8"	7 9/16"	62	26	--	--	2-WAY	1
STAIR B	1	10.9	SW	8"	7 9/16"	44	26	--	--	2-WAY	1
003	1	4.8	RG4SOL	4"	3 9/16"	44	30	--	--	2-WAY	1
016	1	2.3	SW	4"	3 9/16"	26	10	--	--	2-WAY	1
104,105 217,218	4	1.7	RG4SOL	4"	3 9/16"	26	14	--	--	2-WAY	1
040.1	1	4.1	SW	6"	--	32	32	--	--	2-WAY	1

REMARKS: 1. SELECTION BASED ON PRODUCT BY TRANE.

HUMIDIFIERS

UNIT NUMBER	MODEL NO.	CALCULATED LBS/HR.	UNIT CAPACITY #/HR	POWER CONSUMPTION (KW)	VOLTAGE/ PHASE	RATED AMPS	FUSE SIZE (AMPS)	REMARKS REF. NO.
H-1	NHB-100	98.7	101	34.3	480/3	43	60	1
H-2	NHB-100	110.0	101	34.3	480/3	43	60	1
H-3	NHB-100	112.8	101	34.3	480/3	43	60	1

REMARKS:
1. SELECTION BASED ON PRODUCT BY NORTEC.

HOODS

UNIT REF. NO.	SERVES UNIT NO.	TYPE	MODEL	CFM	THROAT SIZE	INSULATE CURB INSIDE	HOOD SIZE W x D	APD. DROP S.P.	REMARKS REF. NO.
RH-1	GEN EXH	RELIEF	WRH	3900	28"x48"	YES	42"x58"	0.03"	1
RH-2	BOILERS	INTAKE	WRH	--	48"x96"	YES	62"x110"	0.05	1

REMARKS:
1. SELECTION BASED ON PRODUCT BY GREENHECK.

AIR HANDLING UNITS

UNIT NUMBER	MODEL NUMBER	TYPE	FACE & B. P. DAMPER	COMB. FILTER-MIX BOX	TYPE FILTER	MAX FILTER APD	C F M	ΣO.S. AIR (MIN)	TOTAL STATIC PRESS.	BLOWER MOTOR H.P.	COIL REF. NO.: HTG.	COOL.	REMARKS REF. NO.:PAN
AH-1	08	MCC	NO	NO	T.A.	0.24	3,500	100	1.52	2 (480/3)	HC-1	CC-1	1,2,3

REMARKS:
1. SELECTION BASED ON A PRODUCT BY TRANE.
2. HC-1, 27"x40", TYPE - UW, 30.5 GPM, E.W.T.= 200°F, L.A.T.= 60.77F, MBH = 306.3, COIL VELOCITY = 464 FPM, 0.12" S.P., E.A.T.= -20°F., W.P.D.= 2.1'.
3. CC-1, 27"x40", TYPE - UW, 24 GPM, E.W.T.= 45°F, E.D.B.= 91°F, E.W.B.= 74°F, L.D.B.= 65°F, L.W.B.= 62.7°F, MBH = 143.8, COIL VELOCITY = 464 FPM, 0.41"S.P., W.P.D.=3.5'.

CHILLERS

CHILLER REF. NO.	BASE BID NO.	TOTAL TONS	CHILLED WATER: G.P.M.	E.W.T. °F	L.W.T. °F	P.D. (FEET)	COMPRESSOR MOTOR: H.P. OR K.W. INPUT	FULL LOAD AMPS	LOCKED ROTOR AMPS	VOLTAGE	CONDENSER: G.P.M.	E.W.T. °F	L.W.T. °F	P.D. (FEET)	REMARKS REF. NO.
CG-1	CGWD-40STD	42.5	115	53.8	45	22.5	31.6 KW	14 EA.	95 EA.	480/3#	47.8	55	80	3.4	1

REMARKS: 1. SELECTION BASED ON WATER COOLED SCROLL LIQUID CHILLER BY TRANE.

PUMPS

PUMP NO.	ROOM LOCATION	SERVES	TYPE: IN-LINE	FLOOR MOUNTED	MODEL NO.	G P M	TOTAL HEAD (FEET)	SIZE IMPELLER	MOTOR HP	REMARKS REF. NO.
P-1	012	HWS		X	SERIES 1510 2-1/2 AB	150	40.0	6.625"	3 (480/3)	1
P-2	012	HWS		X	SERIES 1510 2-1/2 AB	150	40.0	6.625"	3 (480/3)	1
P-3	013	CWS		X	SERIES 1510 1-1/2 BC	115	100	6.625"	7 1/2 (480/3)	1
P-4	052	AH-1	X		SERIES 60 1-1/4 AA	30.5	2.8	6.625"	1/4 (120/1)	1

REMARKS: 1. BASED ON A PRODUCT BY BELL AND GOSSETT.

FANS

UNIT NUMBER	SERVES ROOM	LOCATION	MODEL NO.	DISCHARGE ARRANG.	C.F.M.	EXT. STATIC PRESS.	HP (VOLTAGE)	SONE LEVEL	REMARKS REF. NO.
RX-1	045,047-049,103-105 136,37,216-218	ROOF	LBP-30	VERT	5,100	0.29	1/2 (120/1)	7	1
RX-2	ELECTRICAL ROOM	ROOF	LBP-10	VERT	700	0.45	1/4 (120/1)	6.5	1
RX-3	013	ROOF	LBP-10	VERT	900	0.45	1/4 (120/1)	7.4	1
RX-4	052	ROOF	LBP-10	VERT	725	0.48	1/4 (120/1)	6.6	1
DX-1	043	INLINE	BSQ-100	HORIZ.	1,000	0.35	1/4 (120/1)	6.6	1

REMARKS:
1. SELECTION BASED ON A PRODUCT BY GREENHECK.

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

L920154
SCHEDULES
MARCH 1993
SWH

DRAWING
DATE
DRAWN BY
REVISION

FILE # 92154A13 1/8 scale
LAST UPDATE
5-4-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M10

WATER COOLED SELF CONTAINED UNIT

	MODEL NO. UNIT	FILTER TYPE	SUPPLY CFM	O.A. CFM	TOTAL S.P.	FAN HP/VOLTAGE	ENTERING AIR TEMP D.B./W.B.	REFRIGERATION (COOLING CAPACITY)			CONDENSER (CITY WATER)			COMPRESSOR DATA			REMARK
								TOTAL COOL MBH	TOTAL SEN. MBH	L.A.T. DB./ WB.	ENT. WTR TEMP.	GPM	WPD	INPUT KW	EER	VOLTAGE	
SC-1	SWUB-10	T.A.	4800	650	1.25	2(480/3ø)	77.4/64.2	131.0	83.50	54.5/52.4	55.0	15.0	0.52	37.1	11.0	7.5HP(480/3ø)	1

REMARKS:
1. SELECTION BASED ON PRODUCT BY TRANE. INCLUDE INSULATING HEAD PRESSURE CONTROLLED WATER VALVE.

FANS

UNIT NUMBER	SERVES ROOM	LOCATION	MODEL NO.	DISCHARGE ARRANG.	C.F.M.	EXT. STATIC PRESS.	HP (VOLTAGE)	SONE LEVEL	REMARKS REF. NO.
RX-5	301,302,303	ROOF	LBP-10	VERT	650	0.25	1/4 (120/1)	7	1

REMARKS:
1. SELECTION BASED ON A PRODUCT BY GREENHECK.

HOODS

UNIT REF. NO.	SERVES UNIT NO.	TYPE	MODEL	CFM	THROAT SIZE	INSULATE CURB INSIDE	HOOD SIZE W x D	APD. DROP S.P.	REMARKS REF. NO.
RH-3	SC-3	INTAKE	WRH	4800	20x42	YES	39x71	0.10	1
RH-4	SC-3	RELIEF	WRH	4150	16x66	YES	36x85	0.05	1

REMARKS:
1. SELECTION BASED ON PRODUCT BY GREENHECK.

HOT WATER REHEAT COILS

COIL NO.	LOCATION	WxH DUCT SIZE	CFM EACH COIL	COIL DATA					AREA SERVED	REMARKS
				E.A.T.	E.W.T. AIR	MBH	GPM	A.P.D.		
RH-1	204	24x12	1,380	55	200	33.5	2.2	0.12	307,308	1
RH-2	204	36x12	2500	55	200	48.7	3.2	0.16	309	1
RH-3	204	18x10	920	55	200	29.4	2.0	0.16	310	1

REMARKS:
SELECTION BASED ON PRODUCT BY TRANE.

CONVECTORS

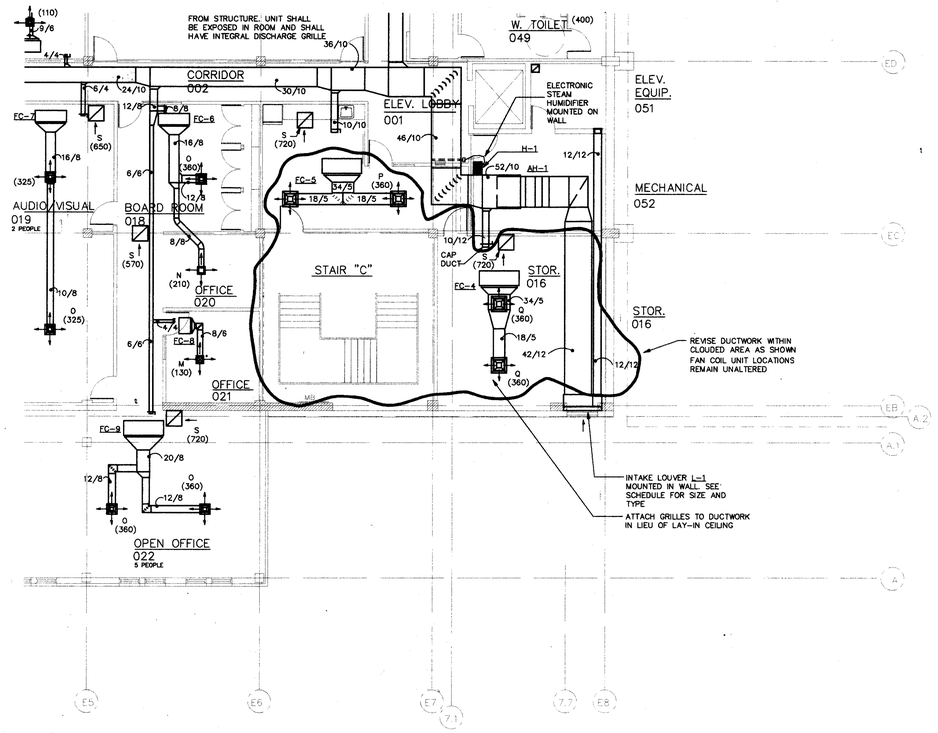
ROOM NO.	QUANTITY	INSTALLED MBH	TYPE	FULL DEPTH	RECESS DEPTH	CABINET WIDTH	CABINET HEIGHT	SIDES OVERLAPPED	DAMPER	TEMP. CONTROL	REMARKS
301	1	1.80	RG	4 3/16	3- 9/16	26	10	----	YES	2-WAY	1
302	1	1.50	RG	4 3/16	3- 9/16	26	10	----	YES	2-WAY	1
303	1	1.80	RG	4 3/16	3- 9/16	26	10	----	YES	2-WAY	1
304	1	1.40	RG	4 3/16	3- 9/16	26	10	----	YES	2-WAY	1
305	1	3.90	RG	4 3/16	3- 9/16	38	24	----	YES	2-WAY	1
306	1	5.80	RG	4 3/16	3- 9/16	56	24	----	YES	2-WAY	1
310	1	5.80	RG	4 3/16	3- 9/16	56	24	----	YES	3-WAY	1

REMARKS:
1. SELECTION BASED ON PRODUCT BY TRANE

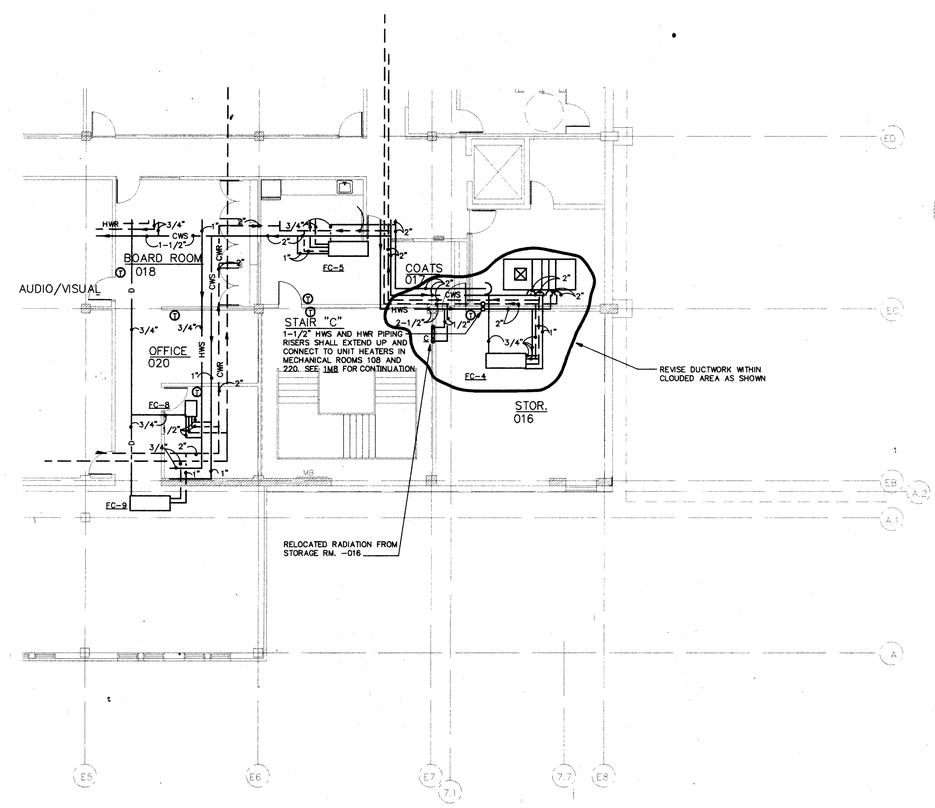
AIR DISTRIBUTION DEVICES

UNIT REF.	FIXTURE TYPE	STYLE	FINISH	DAMPER TYPE	SIZE	MODEL NO.	FRAME TYPE	REMARKS REF. NO.
A	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	12/12	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,6,7
B	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	2-WAY SERIES 5000-SC	LAY-IN	1,2,3,6,7
C	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	2-WAY SERIES 5000-S2	LAY-IN	1,2,3,7
D	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	18/18	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,7
E	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	15/15	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,7
F	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	12/12	2-WAY SERIES 5000-SC	LAY-IN	1,2,3,7
G	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	4-WAY SERIES 5000-S4	LAY-IN	1,2,3,7
H	RETURN	EGG CRATE	OFF-WHITE	OPP BLADE	18/18	CC5	LAY-IN	1,2,3,7
I	RETURN	EGG CRATE	OFF-WHITE	OPP BLADE	12/12	CC5	LAY-IN	1,2,3,7
J	RETURN	FIXED BLADE	OFF-WHITE	OPP BLADE	12/6	RHD	SURFACE	1. 4. 7.
K	RETURN	EGG CRATE	OFF-WHITE	OPP BLADE	24/24	CC5	LAY-IN	1,2,3,7
L	SUPPLY	DOUBLE DEFLECTION	OFF-WHITE	OPP BLADE	24/18	H4004D	SIDEWALL	1,5,7
M	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	6/6	4-WAY SERIES 5500	LAY-IN	1,2,3,7
N	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	9/9	4-WAY SERIES 5500	LAY-IN	1,2,3,7
O	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	12/12	4-WAY SERIES 5500	LAY-IN	1,2,3,7
P	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	18/18	4-WAY SERIES 5500	LAY-IN	1,2,3,7
Q	SUPPLY	SQ. NECK SQ. FACE	OFF-WHITE	OPP BLADE	18/18	3-WAY SERIES 5500	LAY-IN	1,2,3,7
R	RETURN	EGG CRATE	OFF-WHITE	NO	24/12	CC5F	LAY-IN	1,2,3,7
S	RETURN	EGG CRATE	OFF-WHITE	NO	24/24	CC5F	LAY-IN	1,2,3,7
T	TRANSFER	FIXED BLADE	OFF-WHITE	NO	36/8	RH	SURFACE	1. 5. 7.
U	EXHAUST	FIXED BLADE	OFF-WHITE	OPP BLADE	38/6	RHD	SURFACE	1. 5. 7.
V	EXHAUST	EGG CRATE	OFF-WHITE	OPP BLADE	6/6	CC5	LAY-IN	1,2,4,7

REMARKS:
1. SEE PLAN FOR LOCATION, SIZE, QUANTITY, AIR PATTERN, & CFM.
2. SEE REFLECTED CEILING PLAN FOR LAY-IN CEILING PANEL SIZE OR TYPE.
3. FLUSH MOUNT LAY-IN DIFFUSER IN LAY-IN CEILING.
4. SURFACE MOUNT FLAT BORDER (CEILING OR DUCT MOUNTED)
5. SIDEWALL SURFACE MOUNT, SEE PLAN FOR MOUNTING ELEVATION.
6. INDUCTION VANES REQUIRED.
7. BASED ON A PRODUCT BY METALAIRE.



1 PARTIAL BASEMENT HVC DUCTWORK PLAN
1/8" = 1'-0"



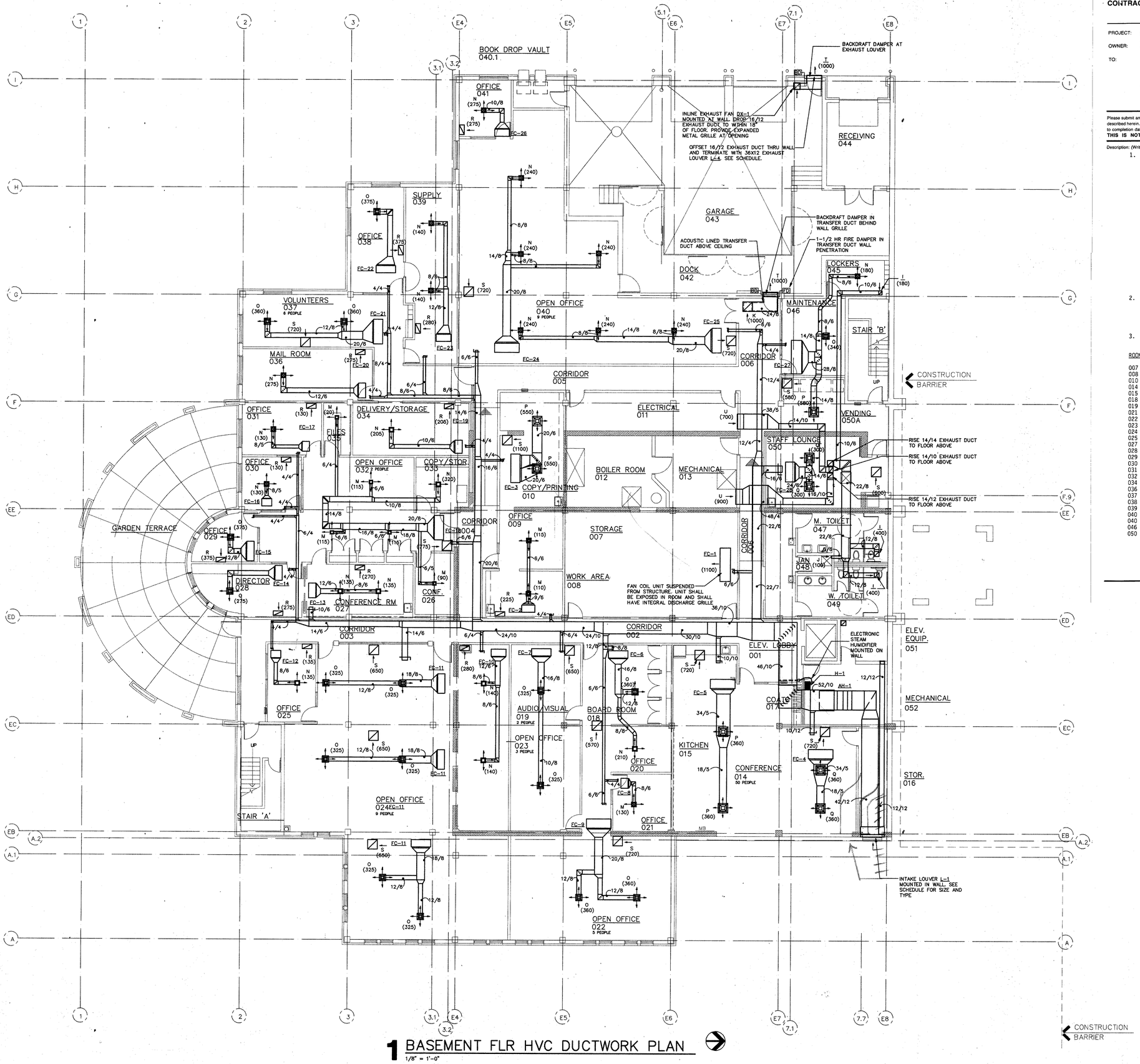
2 PARTIAL BASEMENT HVC PIPING PLAN
1/8" = 1'-0"

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154/930106
SCHEDULES AND DETAILS
DRAWING
DATE MARCH 1994
DRAWN BY SWH
REVISION

BULLETIN # 13

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M14



1 BASEMENT FLR HVC DUCTWORK PLAN
1/8" = 1'-0"

BULLETIN REQUESTING PROPOSAL FOR CONTRACT CHANGE

HSR ASSOCIATES INC
102 MILWAUKEE STREET
LA CROSSE WISCONSIN 54603
TELEPHONE 608 784 1830
ARCHITECTURE ENGINEERING

PROJECT: MARATHON COUNTY LIBRARY ADDITION & REMODELING
OWNER: COUNTY OF MARATHON

TO: ELLIS STONE CONSTRUCTION COMPANY
3201 HIGHWAY 66
STEVENS POINT, WI 54481

ATTENTION: MR. JAMES ANDERSON

BULLETIN NO: NINE (9)
DATE: FEBRUARY 8, 1994
ARCHITECT'S PROJECT NO: L920154
CONTRACT FOR: ALL WORK
CONTRACT DATED: JULY 27, 1993

Please submit an itemized quotation for changes in the Contract Sum and/or Time incidental to proposed modifications to the Contract Documents described herein. Include complete breakdown for labor, materials, profit and overhead for each item listed. Indicate affect, if any, of proposed change to completion date.
THIS IS NOT A CHANGE ORDER NOR A DIRECTION TO PROCEED WITH THE WORK DESCRIBED HEREIN.

Description: (Written description of the Work)

1. RECOMMEMDED MODIFICATIONS TO CEILING HEIGHTS. **CEILINGS TO BE INSTALLED AS HIGH AS POSSIBLE. COORDINATE HEIGHTS WITH ALL TRADES.**

   A. LOWER CEILINGS IN CORRIDORS 001/002/003/004/005/006 TO 7'-6".

   B. INSTALL FAN COIL FC-9, LOCATED IN 022 OPEN OFFICE, TO EAST OF '68 BUILDING WALL. LOWER CEILING TO 7'-9" IN OFFICE 021 AND EXTEND PIPING ACCORDINGLY AS TIGHT AS POSSIBLE TO THE STRUCTURE ABOVE.

   C. INSTALL FAN COIL FC-14, LOCATED IN 028 DIRECTOR'S OFFICE, TO SOUTH OF BEAM AT COLUMN LINE 2. LOWER CEILING TO 7'-9" AND EXTEND PIPING ACCORDINGLY AS TIGHT AS POSSIBLE TO THE STRUCTURE ABOVE.

   D. INSTALL FAN COIL FC-15, LOCATED IN 029 OFFICE, TO SOUTH OF BEAM AT COLUMN LINE 2. LOWER CEILING TO 7'-9" AND EXTEND PIPING ACCORDINGLY AS TIGHT AS POSSIBLE TO THE STRUCTURE ABOVE.

   E. INSTALL 20/6 SUPPLY AIR DUCT IN CORRIDOR 004 APPROXIMATELY 3'-0" TO THE NORTH TO AVOID CONFLICT WITH EXISTING STRUCTURE. DUCTWORK SHALL PASS ABOVE THE SINK IN WORK AREA 008, SOUTH WALL, AND EXTEND ALONG NORTH WALL OF CORRIDOR 004 BEYOND COLUMN LINE EE AND WESTWARD.

2. CLARIFICATION ITEM: INCLUDE THE FOLLOWING SUPPLY AIR DUCTWORK SIZES.

   A. CORRIDOR 003 AT COLUMN LINE 3.1, DUCT SIZE SHALL BE 24/6.

   B. DIRECTOR'S OFFICE 028, OUTSIDE AIR DUCT SHALL BE 8/4.

3. CLARIFICATION ITEM: AIR HANDLING UNIT AH-1 SUPPLY AIR VOLUMES FOR AIR BALANCING PURPOSES.

ROOM NUMBER	ROOM NAME	DUCT SIZE	CFM
007	STORAGE	6/6	110
008	WORK AREA	4/4	40
010	COPY/PRINTING	4/4	45
014	CONFERENCE NORTH	12/10	600
015	CONFERENCE SOUTH	10/10	425
018	BOARD ROOM	8/8	300
019	AUDIO/VISUAL	6/4	75
021	OFFICE	4/4	20
022	OPEN OFFICE	6/6	100
023	OPEN OFFICE	6/4	55
024	OPEN OFFICE	14/6	300
025	OFFICE	4/4	20
027	CONFERENCE	10/6	220
028	DIRECTOR	4/4	30
029	OFFICE	4/4	20
030	OFFICE	4/4	20
031	OFFICE	4/4	25
032	OPEN OFFICE	6/6	130
034	DELIVERY/STORAGE	4/4	35
036	MAIL ROOM	4/4	40
037	VOLUNTEERS	4/4	50
038	OFFICE	4/4	35
039	SUPPLY	6/4	55
040	OPEN OFFICE	6/6	140
040	OPEN OFFICE	6/6	140
046	MAINTENANCE	4/4	30
050	STAFF LOUNGE	16/6	440

* * *

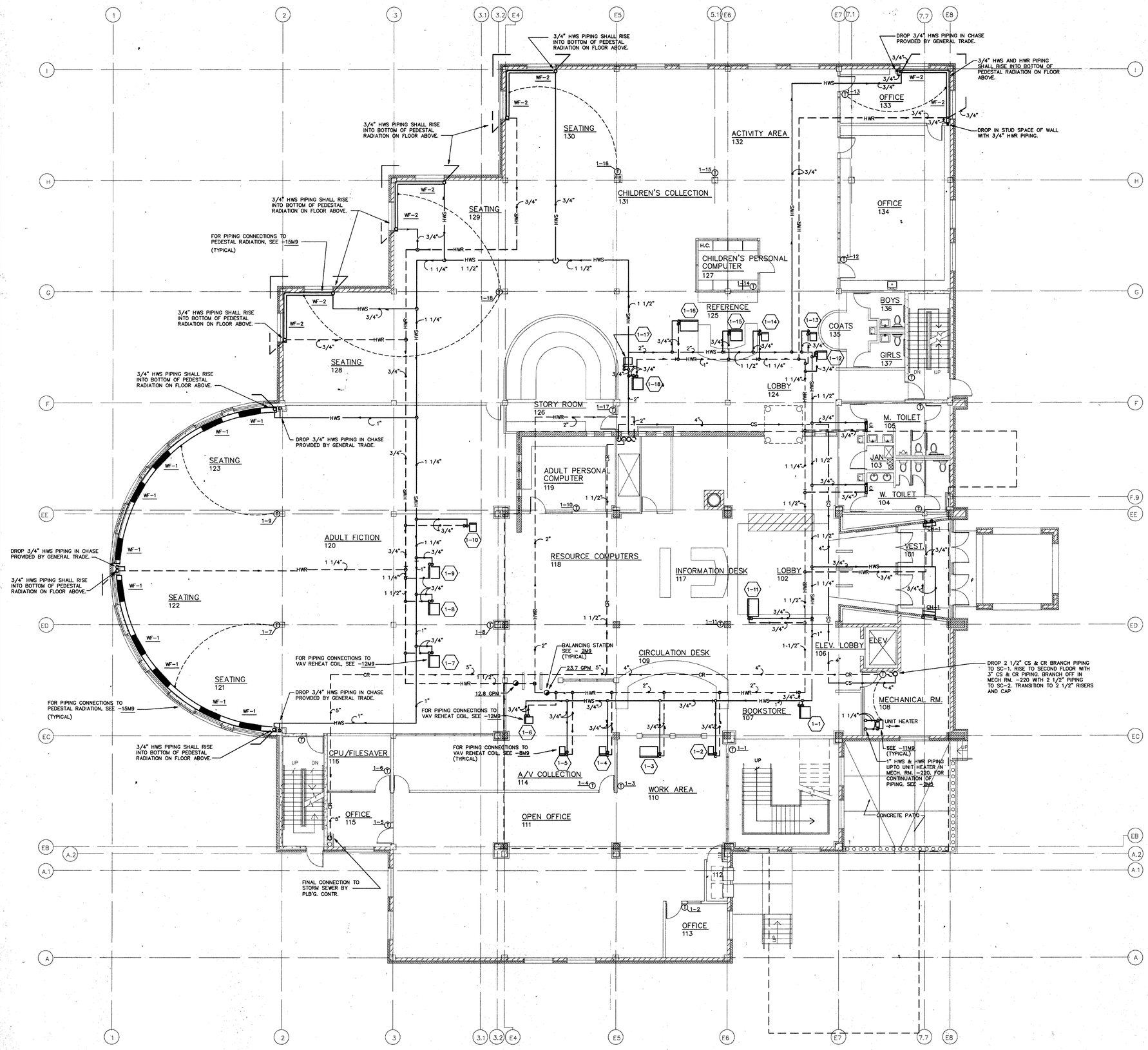
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

L920154
BASEMENT FLOOR PLAN
APRIL 1993
D.V.

DRAWING
DATE
DRAWN BY
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M2



1 FIRST FLOOR HVC PIPING PLAN

1/8" = 1'-0"

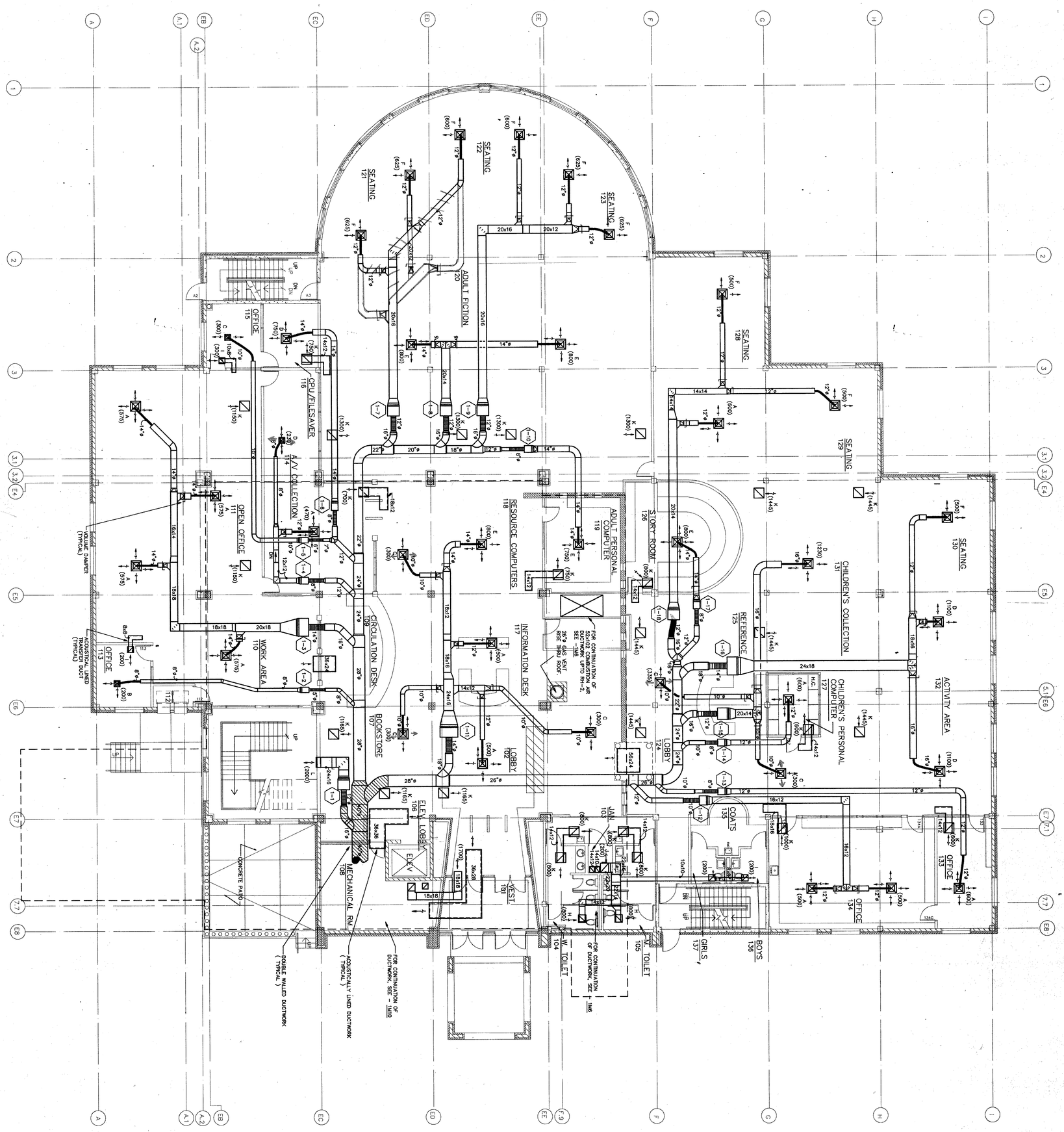
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

L920154
FIRST FLOOR PLAN
MARCH 1993
SWH

DRAWING
DATE
DRAWN BY
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M3



1 FIRST FLOOR HVC DUCTWORK PLAN
1/8" = 1'-0"

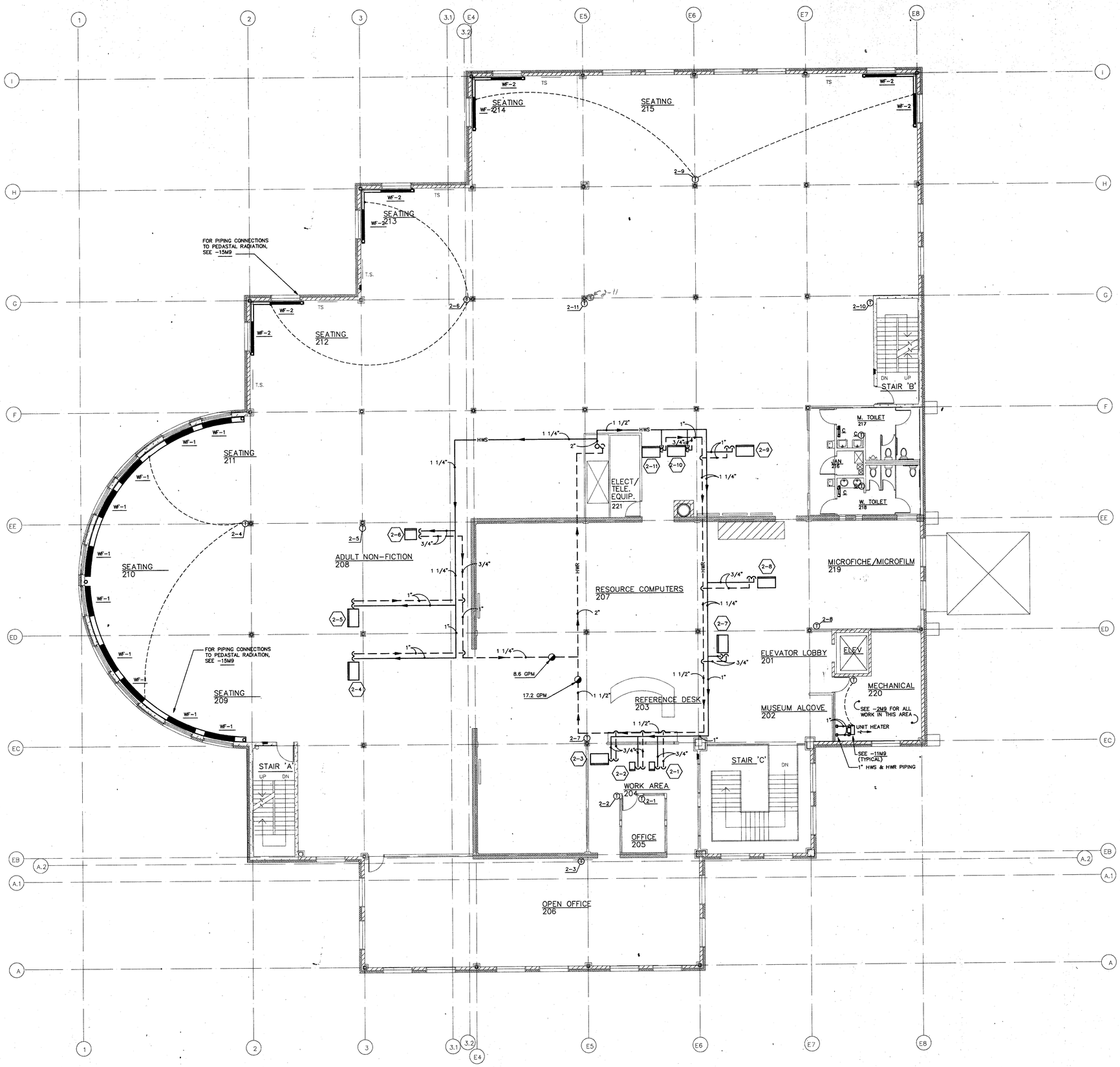
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M4

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

L920154

DRAWING	FIRST FLOOR HVC DUCTWORK PLAN
DATE	MAY, 1993
DRAWN BY	SWH
REVISION	



1 SECOND FLOOR HVC PIPING PLAN
1/8" = 1'-0"

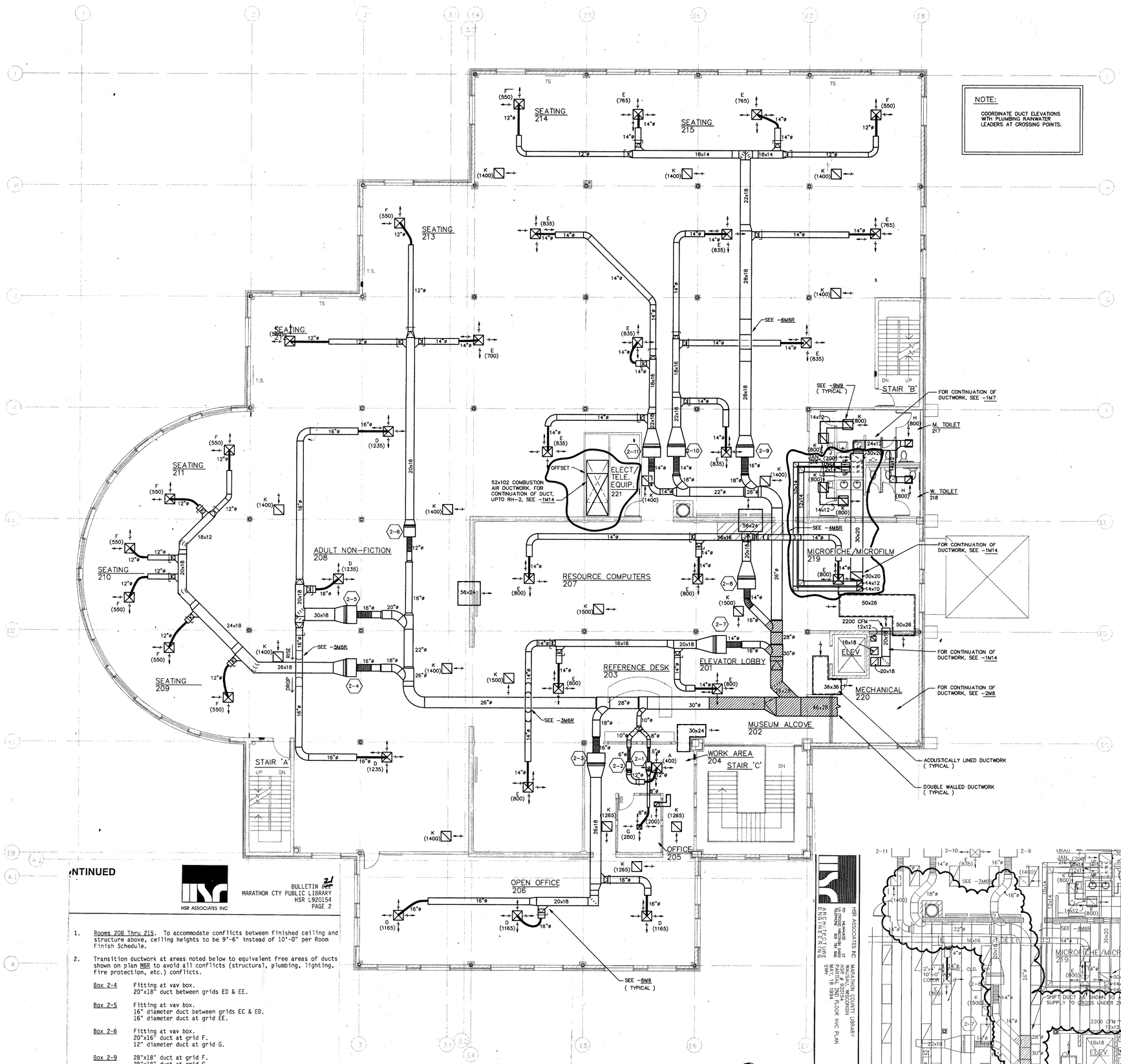
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

L920154
SECOND FLOOR PLAN
MARCH 1993
SWH

DRAWING
DATE
DRAWN BY
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

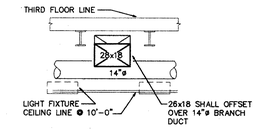
M5



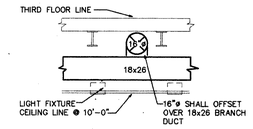
NOTE:

COORDINATE DUCT ELEVATIONS WITH PLUMBING RAINWATER LEADERS AT CROSSING POINTS.

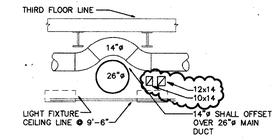
1 SECOND FLOOR HVC DUCTWORK PLAN
1/8" = 1'-0"



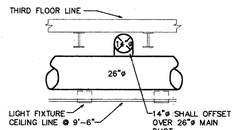
6 SECTION
1/4"



5 SECTION
1/4"

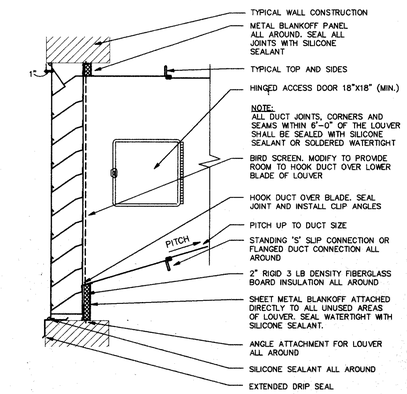


4 SECTION
1/4"

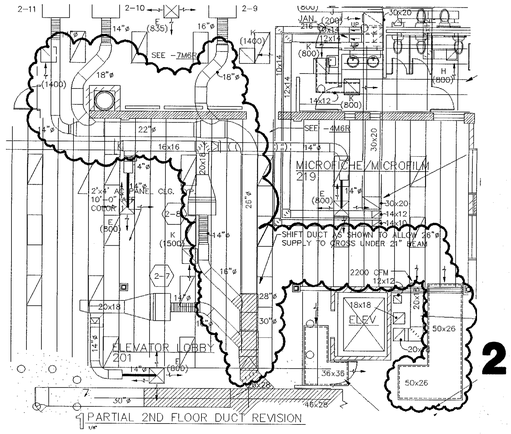


3 SECTION
1/4"

NOTE:
LOUVER SHALL BE OF THE SIZE, TYPE, DEPTH AND CONSTRUCTION AS SHOWN IN SCHEDULE ON PLAN AND DESCRIBED IN SPECIFICATIONS.



2 LOUVER INSTALLATION DETAIL
NTS



PARTIAL 2ND FLOOR DUCT REVISION

...NTINUED

HSR ASSOCIATES INC

BULLETIN # 21
MARATHON CTY PUBLIC LIBRARY
HSR L920154
PAGE 2

1. Rooms 208 Thru 215. To accommodate conflicts between finished ceiling and structure above, ceiling heights to be 9'-6" instead of 10'-0" per Room Finish Schedule.

2. Transition ductwork at areas noted below to equivalent free areas of ducts shown on plan M6R to avoid all conflicts (structural, plumbing, lighting, fire protection, etc.) conflicts.

   Box 2-4 Fitting at vav box.
   20"x18" duct between grids ED & EE.

   Box 2-5 Fitting at vav box.
   16" diameter duct between grids EC & ED.
   16" diameter duct at grid EE.

   Box 2-6 Fitting at vav box.
   20"x16" duct at grid F.
   12" diameter duct at grid G.

   Box 2-9 28"x18" duct at grid F.
   28"x18" duct at grid G.
   22"x18" duct at grid H.

   Box 2-10 22"x18" at grid F.
   14" diameter duct at grid G.

   Box 2-11 22"x18" duct at grid F.

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING

BULLETIN #17
M16

HSR ASSOCIATES INC
300 MARKET ST
WAUSAU, WISCONSIN 54403
(715) 845-9000
FAX (715) 845-9003

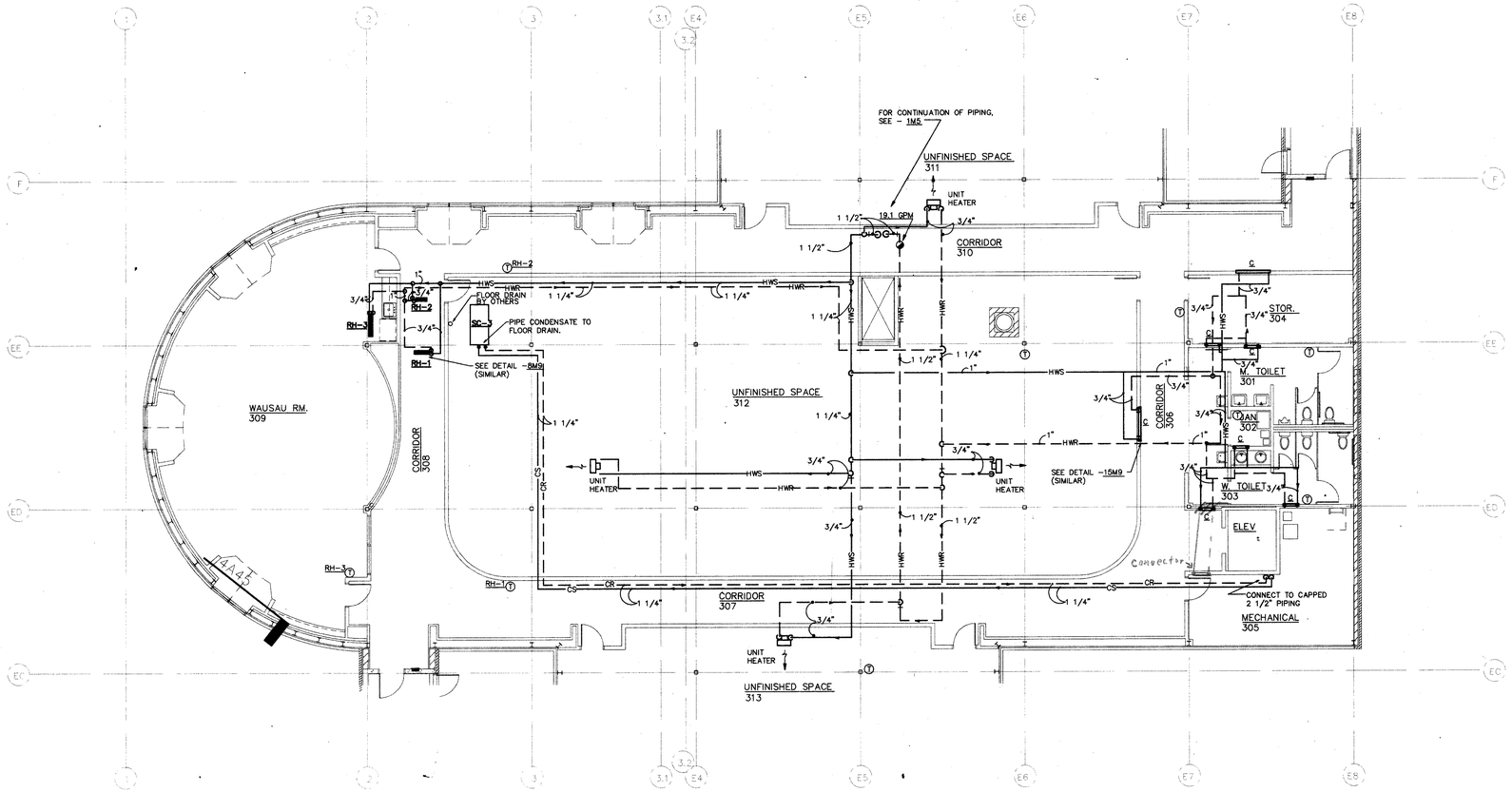
MARATHON COUNTY LIBRARY
WAUSAU, WISCONSIN
PARTIAL 2ND FLOOR HVC PLAN
MAR 18 1994

PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154/930106
SECOND FLOOR HVC DUCTWORK PLAN
MARCH 1994
SWH

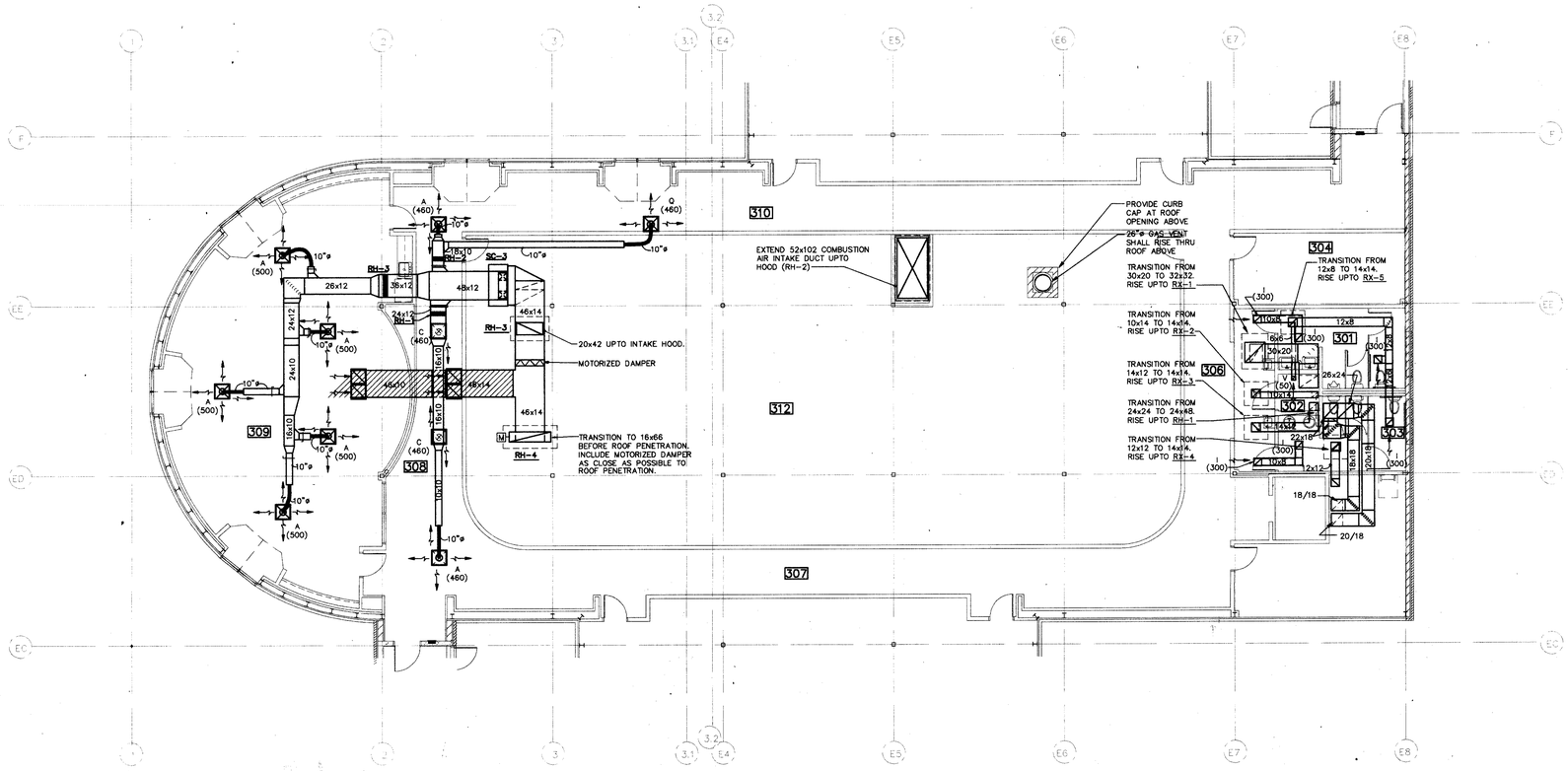
DRAWING
DATE
DRAWN BY
REVISION

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

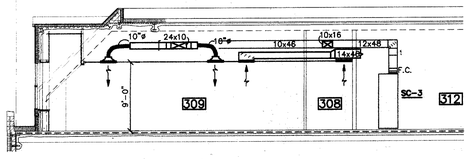
M6R BULLETIN # 13



1 PARTIAL THIRD FLOOR HVC PIPING PLAN
1/8" = 1'-0"



2 PARTIAL THIRD FLOOR HVC DUCTWORK PLAN
1/8" = 1'-0"



3 SECTION AT SELF CONTAINED UNIT (SC-3)
1/4"

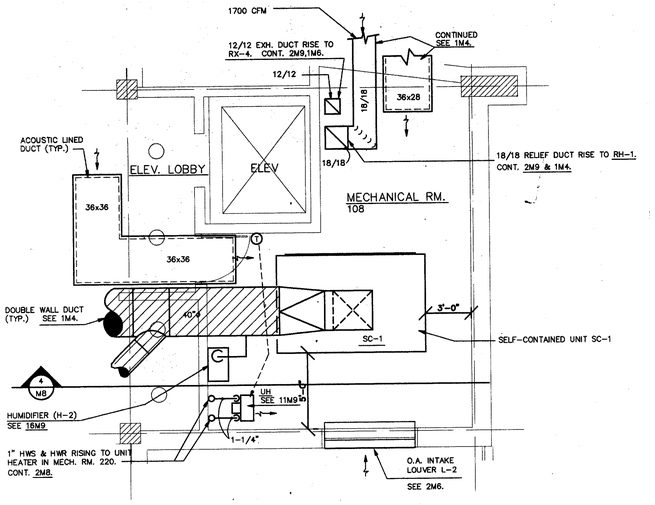
PROJECT MARATHON COUNTY PUBLIC LIBRARY
ADDITION AND REMODELING
WAUSAU, WISCONSIN
L920154/930106
THIRD FLOOR HVC DUCTWORK & PIPING PLAN

DRAWING
DATE MARCH 1994
DRAWN BY SWH
REVISION -

FILE # 92154M7R
LAST UPDATE 3/7/94

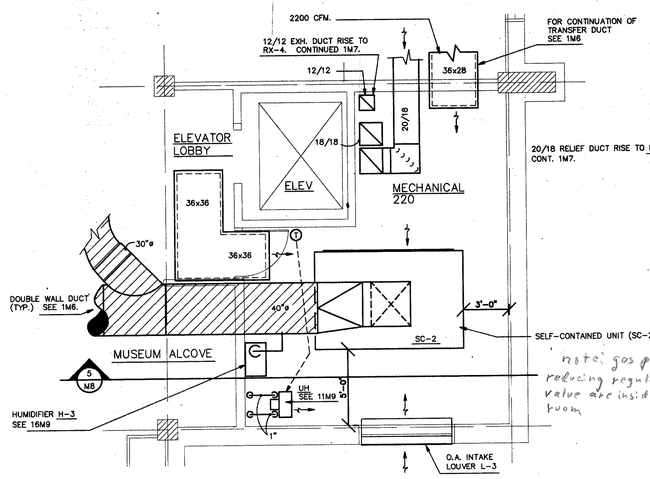
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M7R BULLETIN # 13



1 LARGE SCALE MECHANICAL ROOM – 108 PLAN

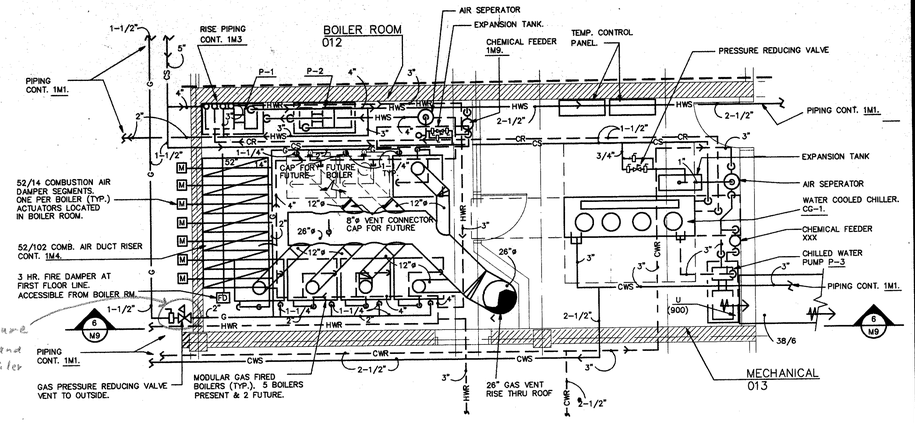
1/4" = 1'-0"



2 LARGE SCALE MECHANICAL ROOM – 220 PLAN

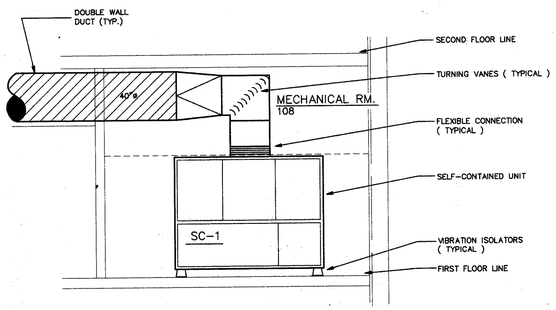
1/4" = 1'-0"

NOTE:
4" CONC. PAD BY GEN. CONTR. BELOW BOILER, CHILLER, PUMPS & AIR COMPRESSOR.



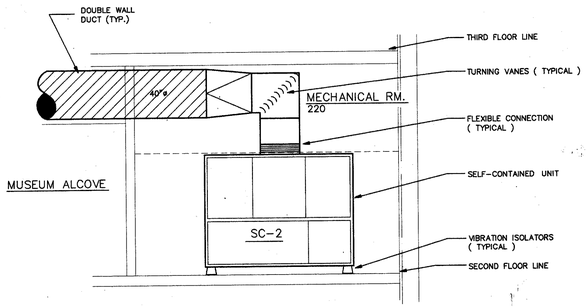
3 LARGE SCALE BOILER/MECH ROOM –012/013 PLAN

1/4" = 1'-0"



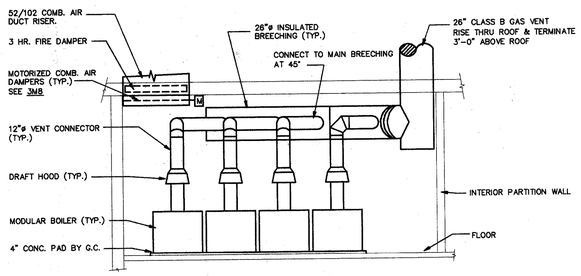
4 SECTION AT MECHANICAL ROOM – 108

1/4" = 1'-0"



5 SECTION AT MECHANICAL ROOM – 220

1/4" = 1'-0"



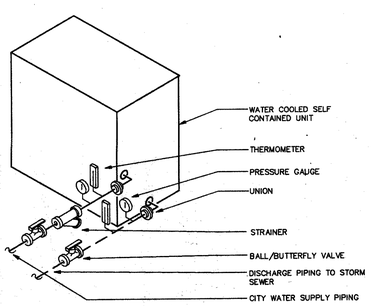
6 SECTION AT MECHANICAL ROOM – 220

1/4" = 1'-0"

WATER COOLED SELF CONTAINED UNIT

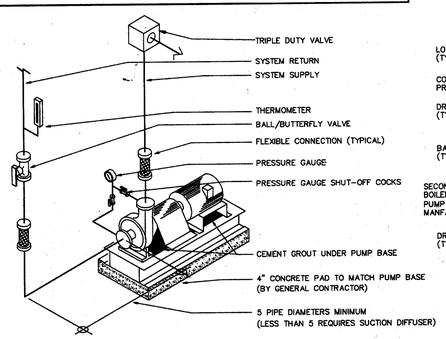
UNIT-NO.	MODEL NO. UNIT	FILTER TYPE	SUPPLY CFM	O.A. CFM	TOTAL S.P.	FAN HP/VOLTAGE	ENTERING AIR TEMP D.B./WB.	WATERSIDE ECONOMIZER				REFRIGERATION (COOLING CAPACITY)			CONDENSER			COMPRESSOR DATA			REMARK
								ENT. WTR TEMP.	GPM	TOTAL COOL MBH	TOTAL SEN. MBH	TOTAL COOL MBH	TOTAL SEN. MBH	L.A.T. D.B./ W.B.	ENT. WTR TEMP.	GPM	WPD	INPUT KW	R.L.A.	VOLTAGE	
SC-1	SWUD-58	T.A.	24000	3900	2.30"	25(480/3ø)	79.3/65.8	55.0	115.0	371.8	353.1	640.7	452.6	54.5/52.4	65.0	115.0	23.2	37.1	15HP @ 20.5	480/3ø	1
SC-2	SWUD-65	T.A.	25500	4000	2.10"	25(480/3ø)	79.3/65.8	55.0	115.0	402.9	386.4	719.5	486.6	54.0/51.6	65.0	115.0	18.0	44.6	10HP @ 14.5 15HP @ 20.5	480/3ø	1

REMARKS: 1. SELECTION BASED ON PRODUCT BY TRANE.



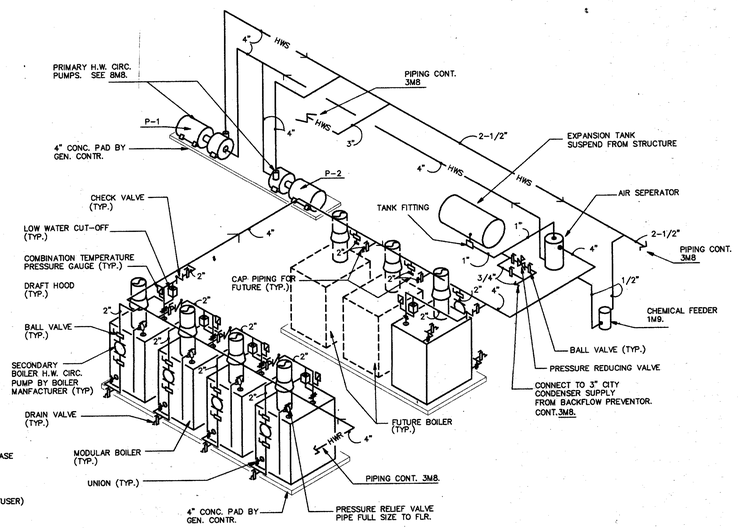
7 SELF CONTAINED UNIT DETAIL

N.T.S.



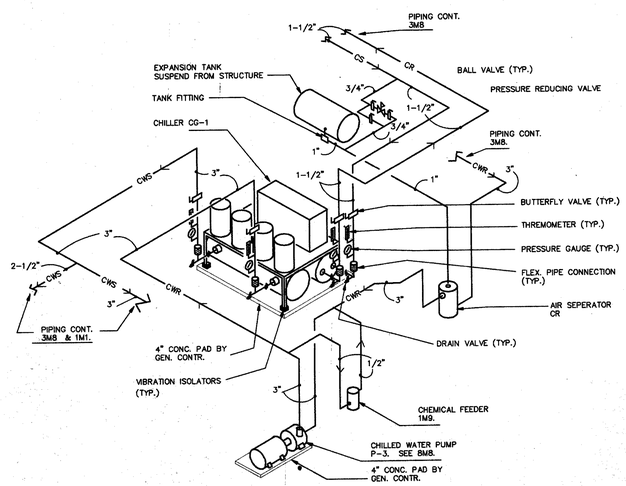
8 TYPICAL PUMP DETAIL

N.T.S.



9 HEATING WATER PIPING SCHEMATIC

N.T.S.



10 CHILLED WATER PIPING SCHEMATIC

N.T.S.

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

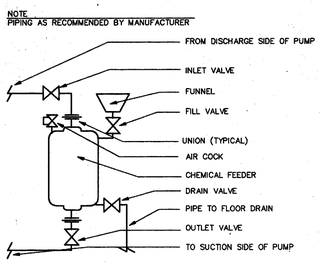
L920154
LARGE SCALE MECH ROOMS, SECTIONS
JUNE 1993
SWH

DRAWING
DATE
DRAWN BY
REVISION

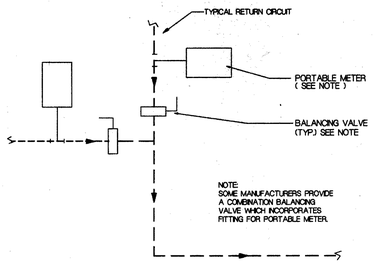
FILE # X
LAST UPDATE
X

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

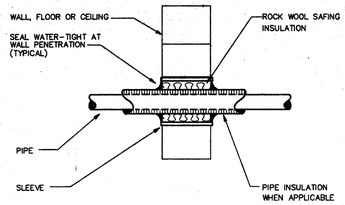
M8



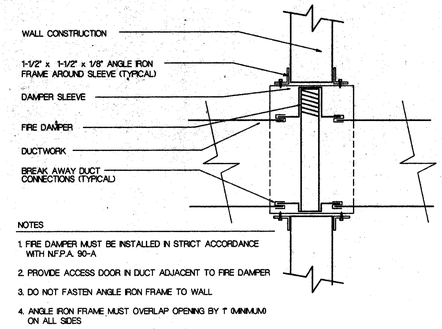
1 CHEMICAL FEEDER PIPING DETAIL
NTS



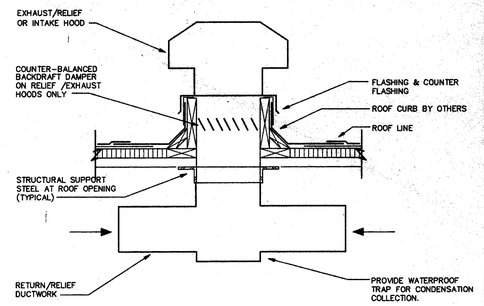
2 BALANCING STATION DETAIL
NTS



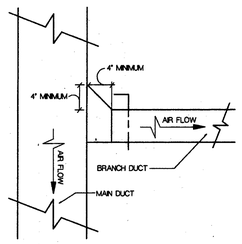
3 PIPE SLEEVE DETAIL
NTS



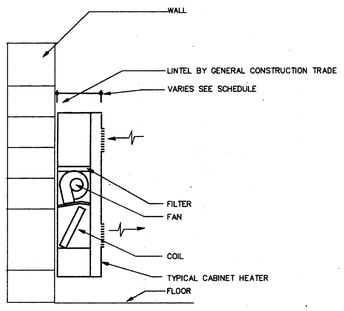
4 TYPICAL FIRE DAMPER
NTS



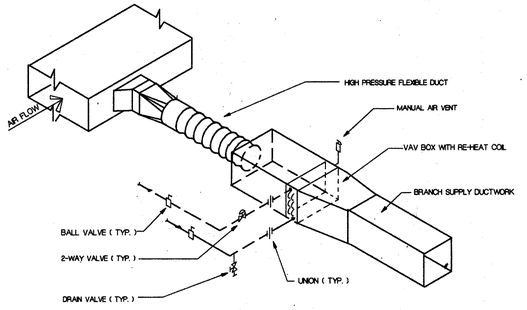
ROOF HOOD DETAIL
NO SCALE



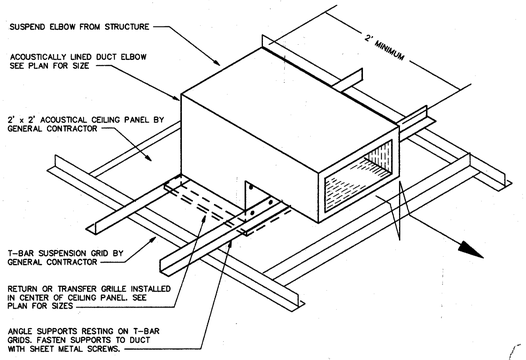
6 TYPICAL BRANCH TAKE-OFF
NTS



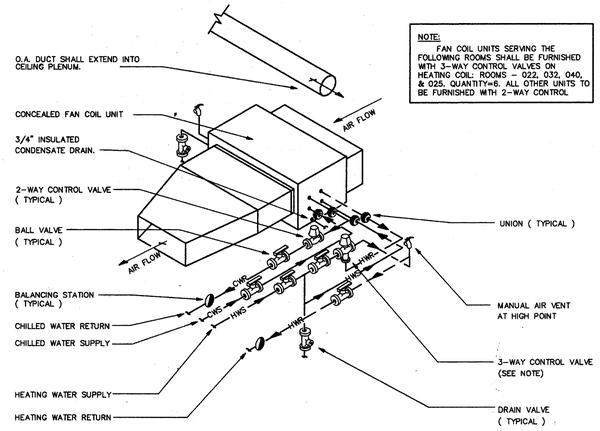
7 TYPICAL CABINET HEATER
NTS



8 DETAIL @ TYPICAL TAKE-OFF TO VAV BOX
NTS

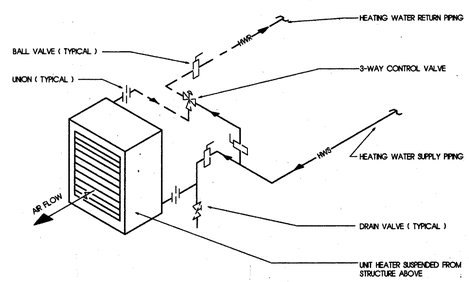


9 TYPICAL RETURN / TRANSFER GRILLE DETAIL
N.T.S.

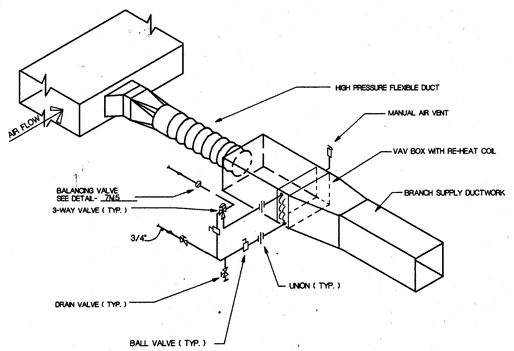


NOTE:
FAN COIL UNITS SERVING THE FOLLOWING ROOMS SHALL BE FURNISHED WITH 3-WAY CONTROL VALVES ON HEATING COIL: ROOMS - 022, 032, 040, & 025. QUANTITY=6. ALL OTHER UNITS TO BE FURNISHED WITH 2-WAY CONTROL

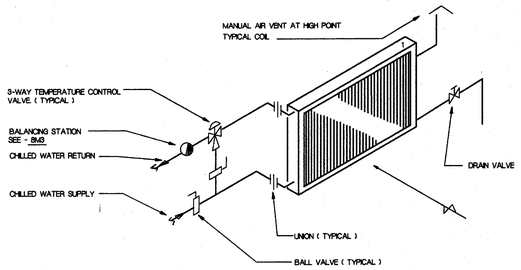
10 TYPICAL FAN COIL PIPING DETAIL
N.T.S.



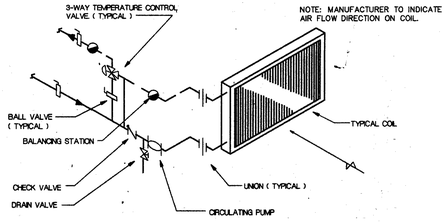
11 UNIT HEATER PIPING DETAIL
N. T. S.



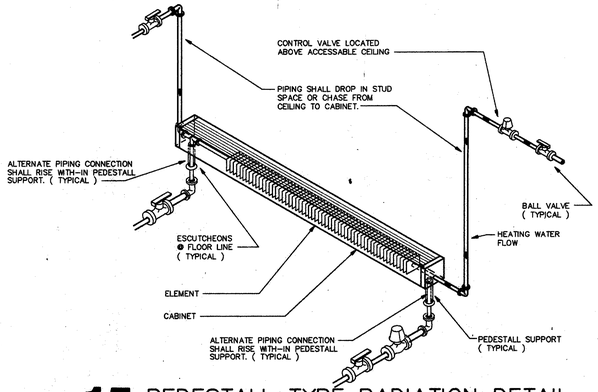
12 DETAIL @ TYPICAL TAKE-OFF TO VAV BOX
NTS



13 CHILLED WATER COIL DETAIL
NTS



14 HOT WATER HEATING COIL (CIRCULATING PUMP)
NTS



15 PEDESTALL TYPE RADIATION DETAIL
N.T.S.

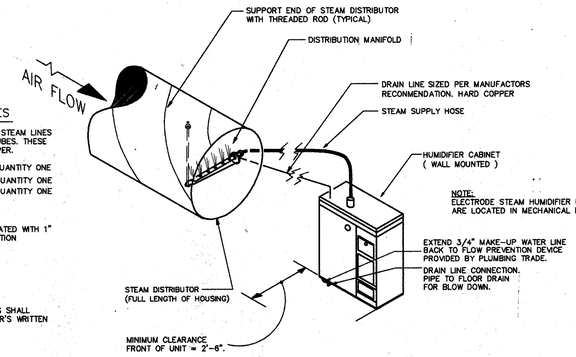
STEAM SUPPLY LINE SIZES

THE FOLLOWING ARE LINE SIZES FOR STEAM LINES FROM HUMIDIFIER TO DISTRIBUTION TUBES. THESE LINES SHALL BE TYPE "L" HARD COPPER.

HUMIDIFIER H-1: NOMINAL 1-3/4", QUANTITY ONE
HUMIDIFIER H-2: NOMINAL 1-3/4", QUANTITY ONE
HUMIDIFIER H-3: NOMINAL 1-3/4", QUANTITY ONE

NOTE: STEAM LINES SHALL BE INSULATED WITH 1" THICK FOAM SNAP-ON INSULATION

NOTE:
HUMIDIFIERS AND DISTRIBUTION TUBES SHALL BE INSTALLED AS PER MANUFACTURER'S WRITTEN RECOMMENDATIONS.



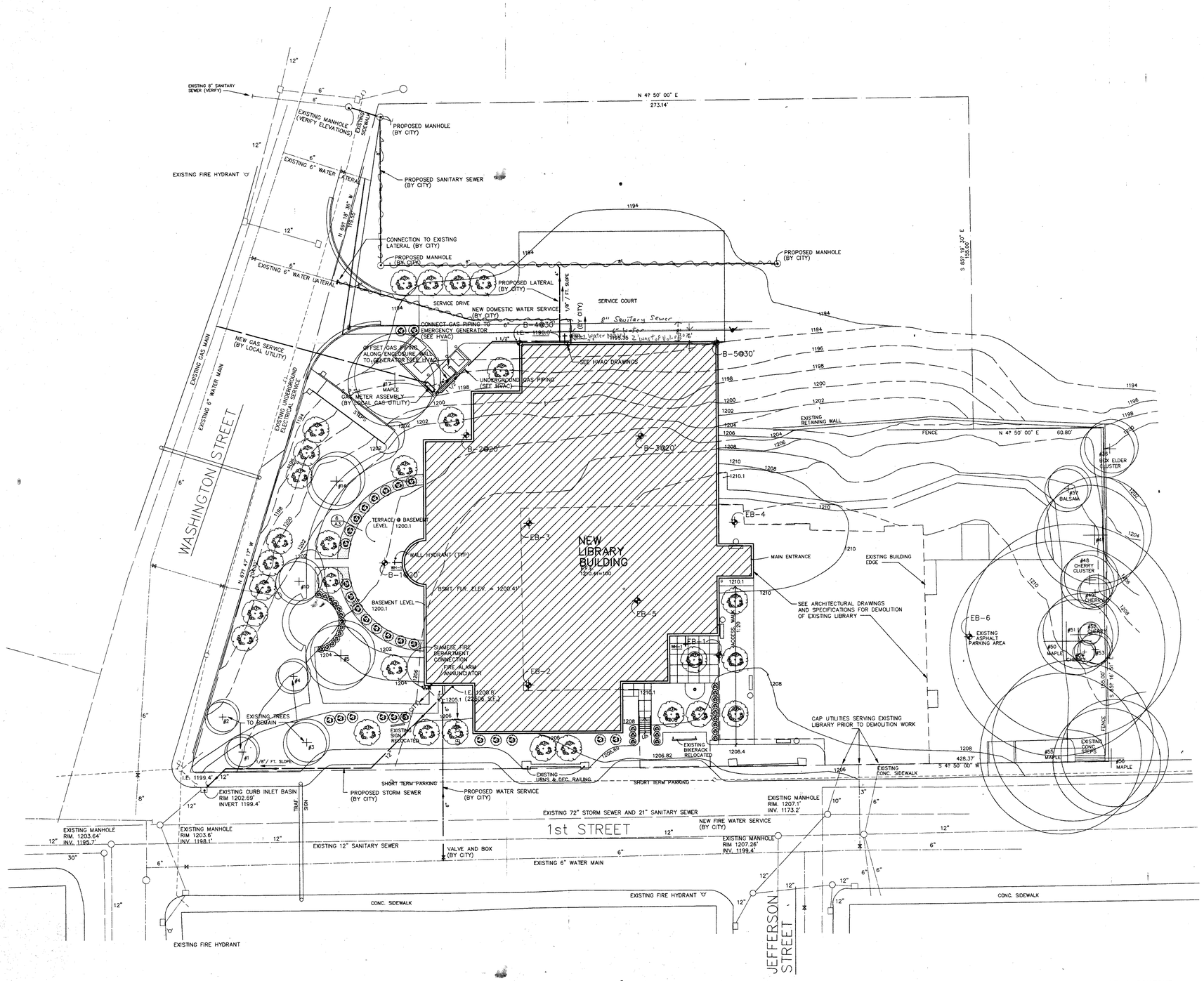
16 TYPICAL HUMIDIFIER DETAIL
NTS

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

DRAWING L920154
DATE DETAILS
DRAWN BY JUNE 1993
REVISION SWH

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

M9



1 PLUMBING SITE PLAN
1"=20'

0 10 20 40

HSR ASSOCIATES INC.
RECEIVED
JAN 19 1995
PCBG AS-BUILTS

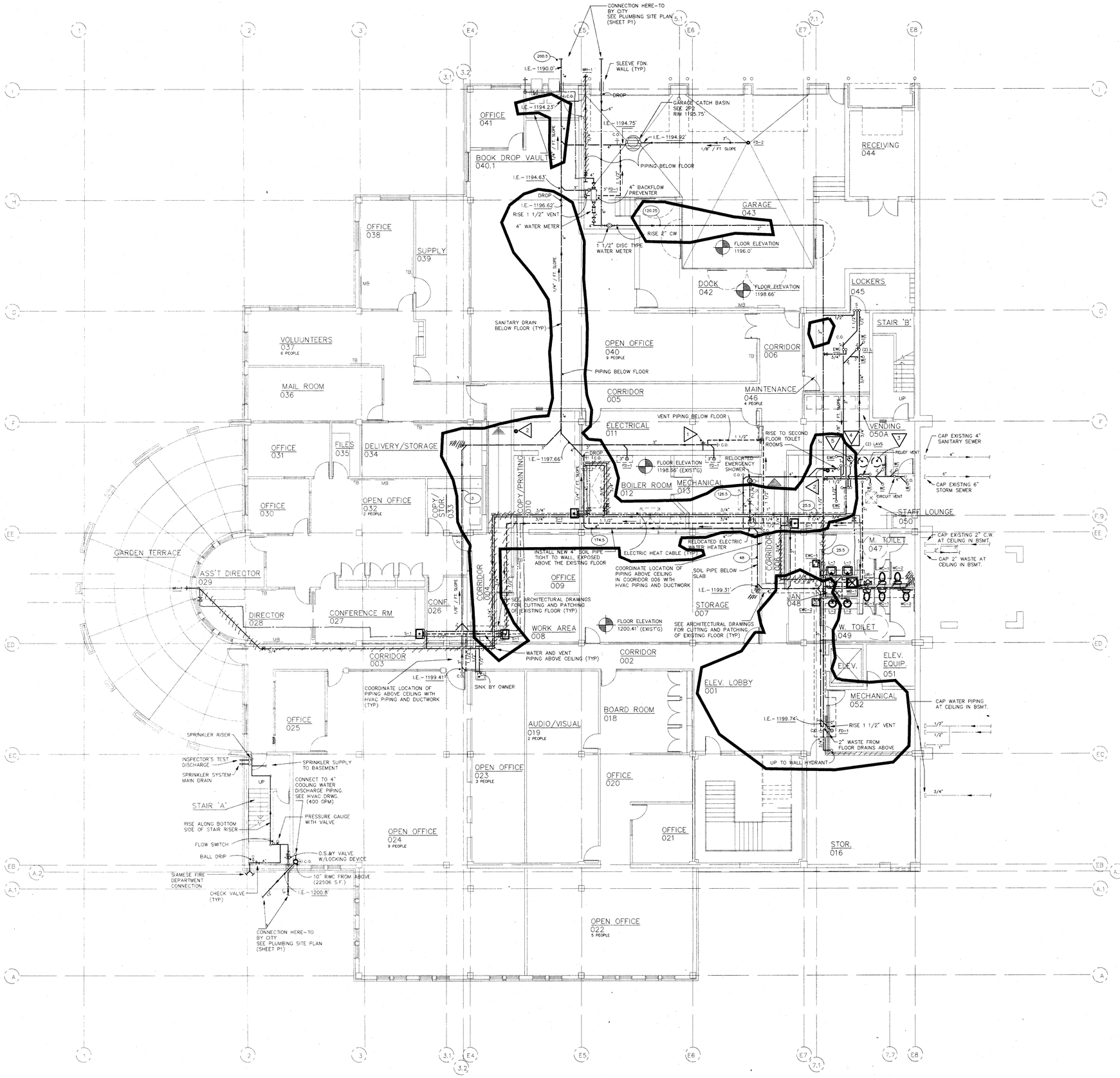
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
HSR 9201154

DRAWING PLUMBING SITE PLAN
DATE JUNE 1993
DRAWN BY M. FORTUN
REVISION

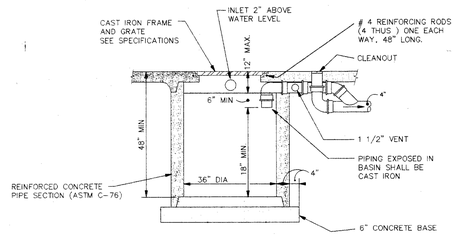
FILE # 92154P1A
LAST UPDATE
6-17-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

P1



1 BASEMENT FLOOR PLAN
1/8" = 1'-0" 21017 S.F.



2 GARAGE CATCH BASIN
NTS

GENERAL PLUMBING NOTES:

1. DOMESTIC WATER PIPE SIZING SHALL CONFORM TO ILHR 82.40(7), FRICTION LOSS METHOD AND MAXIMUM FLOW VELOCITY OF 8 FPS.
2. ALL FIXTURE WATER SUPPLY FLOW RATES SHALL CONFORM TO ILHR 84.20(3).
3. ALL WATER HEATERS SHALL BE PROVIDED WITH AN APPROVED TEMPERATURE AND PRESSURE RELIEF VALVE WITH DISCHARGE PIPE TERMINATING NOT MORE THAN 6" ABOVE FLOOR IN CONFORMANCE TO ILHR 82.40(5)(d).
4. EACH FIXTURE, APPLIANCE, EQUIPMENT, WALL HYDRANT AND HOSEBIBB SHALL BE VALVED, CONFORMING TO ILHR 82.40(4)(c).
5. ALL LINE VALVES 3/4" AND LARGER SHALL MEET OR EXCEED THE MINIMUM "CV" FACTORS LISTED IN ILHR 84.30(5)(b)3.
6. BACKFLOW PROTECTION SHALL BE PROVIDED TO ALL FIXTURES AND EQUIPMENT, CONFORMING TO ILHR 82.41(1).
7. ALL WATER CLOSETS SHALL BE WATER CONSERVING TYPE, USING A MAXIMUM OF 1.5 GALLONS PER FLUSH.
8. ALL URINALS SHALL BE WATER CONSERVING TYPE, USING A MAXIMUM OF 1.0 GALLONS PER FLUSH WITH HAND OPERATED FLUSH VALVE.
9. ALL PUBLIC LAVATORIES SHALL BE WATER CONSERVING TYPE, USING SELF-CLOSING FAUCETS, CONFORMING TO ILHR 84.20(3).
10. THE INSTALLATION OF PVC DWV PIPING IN BUILDING SHALL CONFORM TO ILHR 84.40(14), WHEN APPLICABLE.
11. ALL WATER PIPING SHALL BE SO INSTALLED TO FACILITATE COMPLETE DRAINAGE. ANY DRAIN VALVES WITH HOSE THREAD CONNECTIONS SHALL INCLUDE HOSE CONNECTION TYPE OF VACUUM BREAKER EXCEPT WHEN LOCATED ON WATER HEATER.
12. WASTE STACK BASE CONNECTIONS SHALL BE MADE USING LONG SWEEP FITTINGS.
13. CONNECT VENT PIPING ABOVE THE CENTERLINE OF HORIZONTAL DRAIN PIPING IN CONFORMANCE TO ILHR 82.31(15)(b)1.
14. CLEANOUTS SHALL CONFORM TO ILHR 82.35(6) TABLE 82.35.
15. FIXTURE VENTS SHALL CONNECT TO OTHER BRANCH VENTS A MINIMUM OF 38" ABOVE THE FLOOR, CONFORMING TO ILHR 82.31(15)(b)3.
16. CUTTING, NOTHING OR BORING OF METAL STUD WALL SYSTEM IS NOT PERMITTED UNLESS APPROVED BY THE MANUFACTURER AND THE STRUCTURAL INTEGRITY HAS NOT BEEN REDUCED TO UNACCEPTABLE LEVELS.
17. WHEN PIPING PASSES THROUGH SMOKE SEPARATION ASSEMBLIES, DRAFT STOPPING, CONSISTING OF MINERAL WOOL OR FIBERGLASS INSULATION, SHALL BE PACKED AROUND PIPING PENETRATING FACE OF ASSEMBLY.
18. PLASTIC PIPE AND FITTINGS CONFORMING TO ASTM 1785 OR ASTM D2146 OR ASTM 2665 OR ASTM D-4101 MAY BE INSTALLED IN CEILING PLENIMS USED FOR THE SUPPLY, RETURN AND TRANSFER OF AIR IF WRAPPED WITH AT LEAST ONE INCH OF FIBERGLASS INSULATION.
19. PLASTIC PIPE AND FITTINGS MAY PENETRATE FIRE RATED ASSEMBLIES IF WRAPPED WITH AT LEAST ONE INCH OF FIBERGLASS INSULATION AND MECHANICALLY ATTACHED TO THE PIPING FOR A DISTANCE OF AT LEAST THREE FEET FROM THE FACES OF THE ASSEMBLY.

PLUMBING REMOVAL NOTES:

A. THIS PLAN HAS BEEN PRODUCED UTILIZING THE EXISTING PLANS AND IS NOT INTENDED TO BE ALL INCLUSIVE.

B. REMOVE ALL EXISTING PLUMBING PIPING (INCLUDING PIPING IN WALLS AND CHASES BEING REMOVED, OR ABOVE CEILINGS), FIXTURES, EQUIPMENT, DEVICES, ETC. WITHIN PORTION OF BUILDING INSIDE CONSTRUCTION BARRIER LIMITS, INCLUDING BUT NOT LIMITED TO THAT WHICH IS SHOWN ON PLANS. FIELD VERIFY LOCATION AND SIZE OF PIPING, FIXTURES, ETC., AS REQUIRED. DISPOSE OF ALL REMOVED MATERIAL OFF SITE, UNLESS NOTED TO BE RE-LOCATED.

C. REMOVE THE FOLLOWING LISTED PLUMBING FIXTURES OR EQUIPMENT AND RESPECTIVE WATER, WASTE AND VENT PIPING, AND CAP/PLUG BELOW FLOOR, ABOVE CEILING AND/OR BEHIND REMAINING WALLS AS REQUIRED, OR AS OTHERWISE SHOWN OR INDICATED ON PLANS.

- WALL HYDRANT
- FLOOR DRAIN
- SANITARY SUMP/PUMP
- CLEAR WATER SUMP/PUMP
- EMERGENCY SHOWER (RELOCATE TO ROOM 013)

D. REMOVAL OF EXISTING ASBESTOS PIPE INSULATION WILL BE BY OWNER.

E. REMAINING FLOOR/ROOF OPENINGS SHALL BE FILLED.

FIRE PROTECTION NOTES:

INSTALL A COMPLETE AUTOMATIC FIRE SPRINKLER SYSTEM IN ENTIRE BUILDING IN CONFORMANCE WITH REQUIREMENTS FROM STATE OF WISCONSIN, DILHR CODE, NFPA AND INSURANCE SERVICES OFFICE OF WISCONSIN. REFER TO SPECIFICATIONS AND LATEST ARCHITECTURAL, STRUCTURAL, PLUMBING, HEATING AND ELECTRICAL DRAWINGS FOR PROPER COORDINATION. ALL PIPING SHALL BE CONCEALED EXCEPT WHEN LOCATED IN UNFINISHED SPACES, SUCH AS STORAGE AND MECHANICAL EQUIPMENT ROOMS.

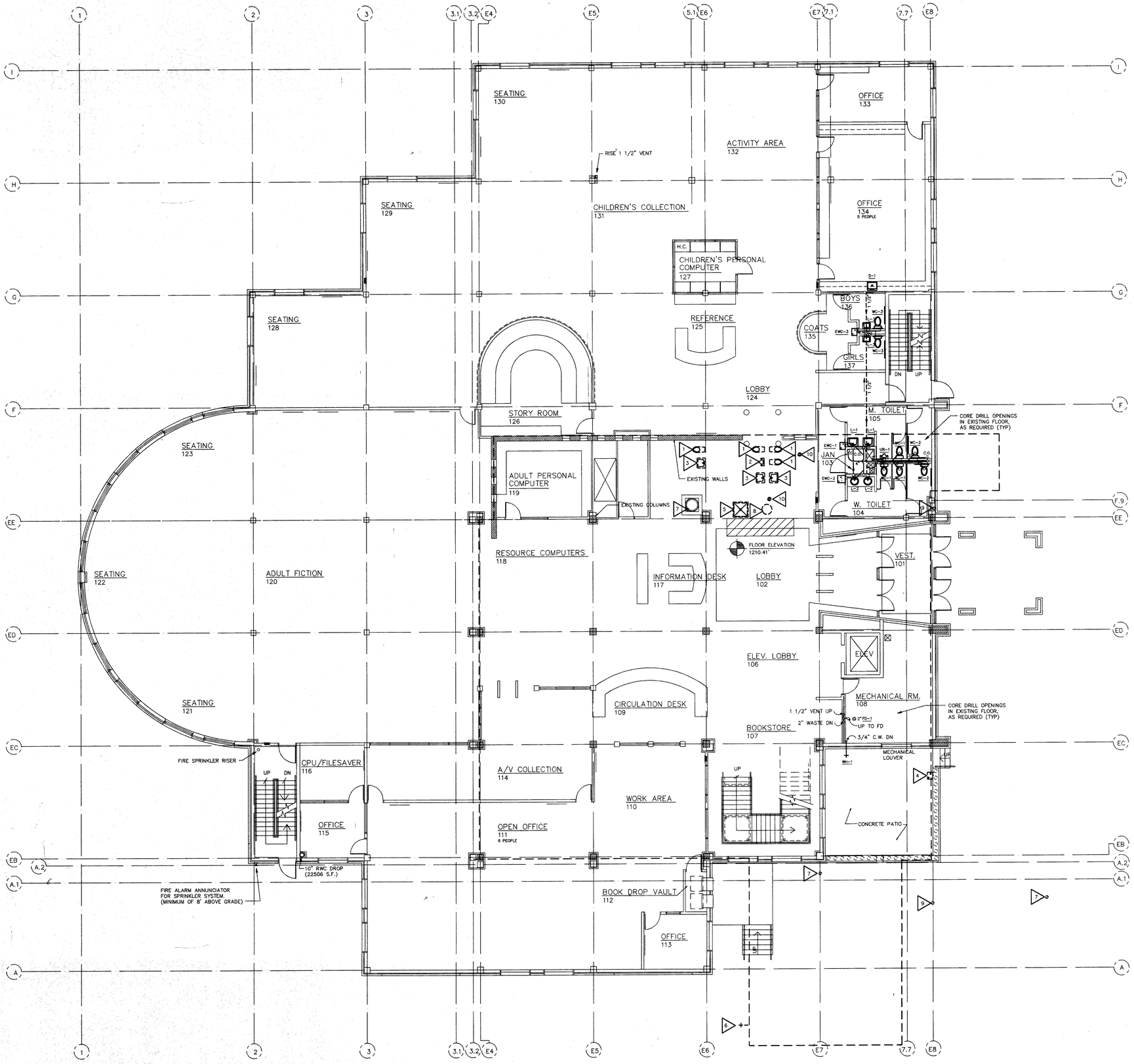
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
L920154 / L930106

DRAWING	BASEMENT FLOOR PLUMBING PLAN
DATE	JUNE 1993
DRAWN BY	M. FORTUN
REVISION	MARCH 1994

FILE # 92154P2B
LAST UPDATE
3-3-94

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

P2R BULLETIN NO. 13



1 FIRST FLOOR PLUMBING PLAN

1/8" = 1'-0" 22942 sq.ft.

PLUMBING REMOVAL NOTES:

A. THIS PLAN HAS BEEN PRODUCED UTILIZING THE EXISTING PLANS AND IS NOT INTENDED TO BE ALL INCLUSIVE.

B. REMOVE ALL EXISTING PLUMBING PIPING (INCLUDING PIPING IN WALLS AND CHASES BEING REMOVED, OR ABOVE CEILINGS), FIXTURES, EQUIPMENT, DEVICES, ETC. WITHIN PORTION OF BUILDING INSIDE CONSTRUCTION BARRIER LIMITS, INCLUDING BUT NOT LIMITED TO THAT WHICH IS SHOWN ON PLANS. FIELD VERIFY LOCATION AND SIZE OF PIPING, FIXTURES, ETC., AS REQUIRED. DISPOSE OF ALL REMOVED MATERIAL OFF SITE, UNLESS NOTED TO BE RE-LOCATED.

C. REMOVE THE FOLLOWING LISTED PLUMBING FIXTURES OR EQUIPMENT AND RESPECTIVE WATER, WASTE AND VENT PIPING, AND CAP/PLUG BELOW FLOOR, ABOVE CEILING AND/OR BEHIND REMAINING WALLS AS REQUIRED, OR AS OTHERWISE SHOWN OR INDICATED ON PLANS.

- 1 WALL HUNG FLUSH VALVE WATER CLOSET
- 2 STALL TYPE FLUSH VALVE URINAL
- 3 WALL HUNG LAVATORY
- 4 ELECTRIC WATER COOLER
- 5 MOP BASIN
- 6 WALL HYDRANT
- 7 ROOF DRAIN
- 8 ELECTRIC WATER HEATER (RELOCATE TO ROOM 013)
- 9 RAINWATER CONDUCTOR DOWN
- 10 FLOOR DRAIN

D. REMOVAL OF EXISTING ASBESTOS PIPE INSULATION WILL BE BY OWNER.

E. REMAINING FLOOR/ROOF OPENINGS SHALL BE FILLED.

FIRE PROTECTION NOTES:

INSTALL A COMPLETE AUTOMATIC FIRE SPRINKLER SYSTEM IN ENTIRE BUILDING IN CONFORMANCE WITH REQUIREMENTS FROM STATE OF WISCONSIN, DILHR CODE, NFPA AND INSURANCE SERVICES OFFICE OF WISCONSIN. REFER TO SPECIFICATIONS AND LATEST ARCHITECTURAL, STRUCTURAL, PLUMBING, HEATING AND ELECTRICAL DRAWINGS FOR PROPER COORDINATION. ALL PIPING SHALL BE CONCEALED EXCEPT WHEN LOCATED IN UNFINISHED SPACES, SUCH AS STORAGE AND MECHANICAL EQUIPMENT ROOMS.

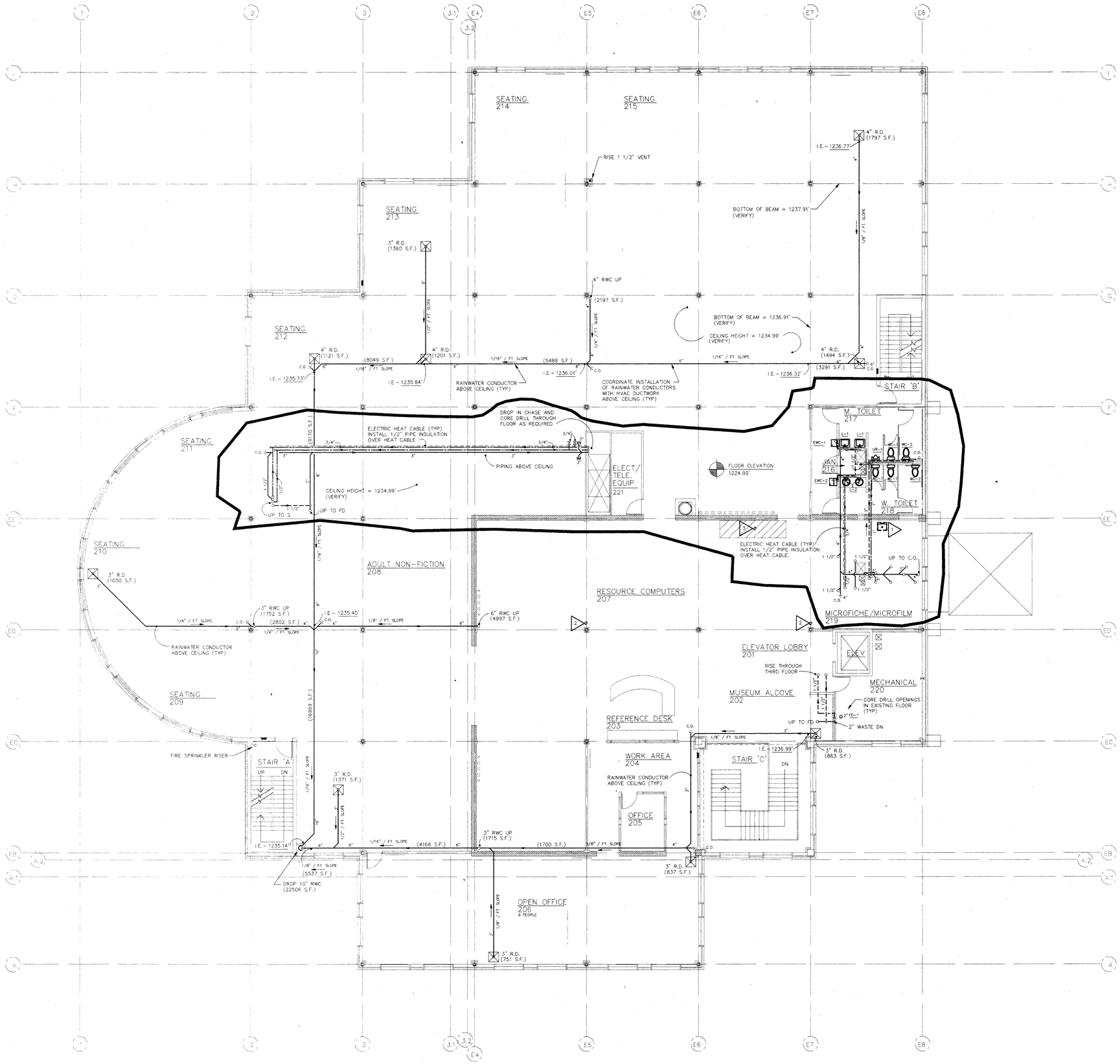
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
L920154

DRAWING FIRST FLOOR PLUMBING PLAN
DATE JUNE 1993
DRAWN BY MDF
REVISION

FILE # 92154P3
LAST UPDATE
6-18-93

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

P3



1 SECOND FLOOR PLAN
1/8" = 1'-0" 22822 sq.ft.

PLUMBING REMOVAL NOTES:

A. THIS PLAN HAS BEEN PRODUCED UTILIZING THE EXISTING PLANS AND IS NOT INTENDED TO BE ALL INCLUSIVE.

B. REMOVE ALL EXISTING PLUMBING PIPING (INCLUDING PIPING IN WALLS AND CHASES BEING REMOVED, OR ABOVE CEILINGS), FIXTURES, EQUIPMENT, DEVICES, ETC. WITHIN PORTION OF BUILDING INSIDE CONSTRUCTION BARRIER LIMITS, INCLUDING BUT NOT LIMITED TO THAT WHICH IS SHOWN ON PLANS. FIELD VERIFY LOCATION AND SIZE OF PIPING, FIXTURES, ETC., AS REQUIRED. DISPOSE OF ALL REMOVED MATERIAL OFF SITE, UNLESS NOTED TO BE RE-LOCATED.

C. REMOVE THE FOLLOWING LISTED PLUMBING FIXTURES OR EQUIPMENT AND RESPECTIVE WATER, WASTE AND VENT PIPING, AND CAP/PLUG BELOW FLOOR, ABOVE CEILING AND/OR BEHIND REMAINING WALLS AS REQUIRED, OR AS OTHERWISE SHOWN OR INDICATED ON PLANS.

- COUNTERTOP SINK
- ROOF DRAIN
- RAINWATER CONDUCTOR DOWN

D. REMOVAL OF EXISTING ASBESTOS PIPE INSULATION WILL BE BY OWNER.

E. REMAINING FLOOR/ROOF OPENINGS SHALL BE FILLED.

FIRE PROTECTION NOTES:

INSTALL A COMPLETE AUTOMATIC FIRE SPRINKLER SYSTEM IN ENTIRE BUILDING IN CONFORMANCE WITH REQUIREMENTS FROM STATE OF WISCONSIN, DILHR CODE, NFPA AND INSURANCE SERVICES OFFICE OF WISCONSIN. REFER TO SPECIFICATIONS AND LATEST ARCHITECTURAL, STRUCTURAL, PLUMBING, HEATING AND ELECTRICAL DRAWINGS FOR PROPER COORDINATION. ALL PIPING SHALL BE CONCEALED EXCEPT WHEN LOCATED IN UNFINISHED SPACES, SUCH AS STORAGE AND MECHANICAL EQUIPMENT ROOMS.

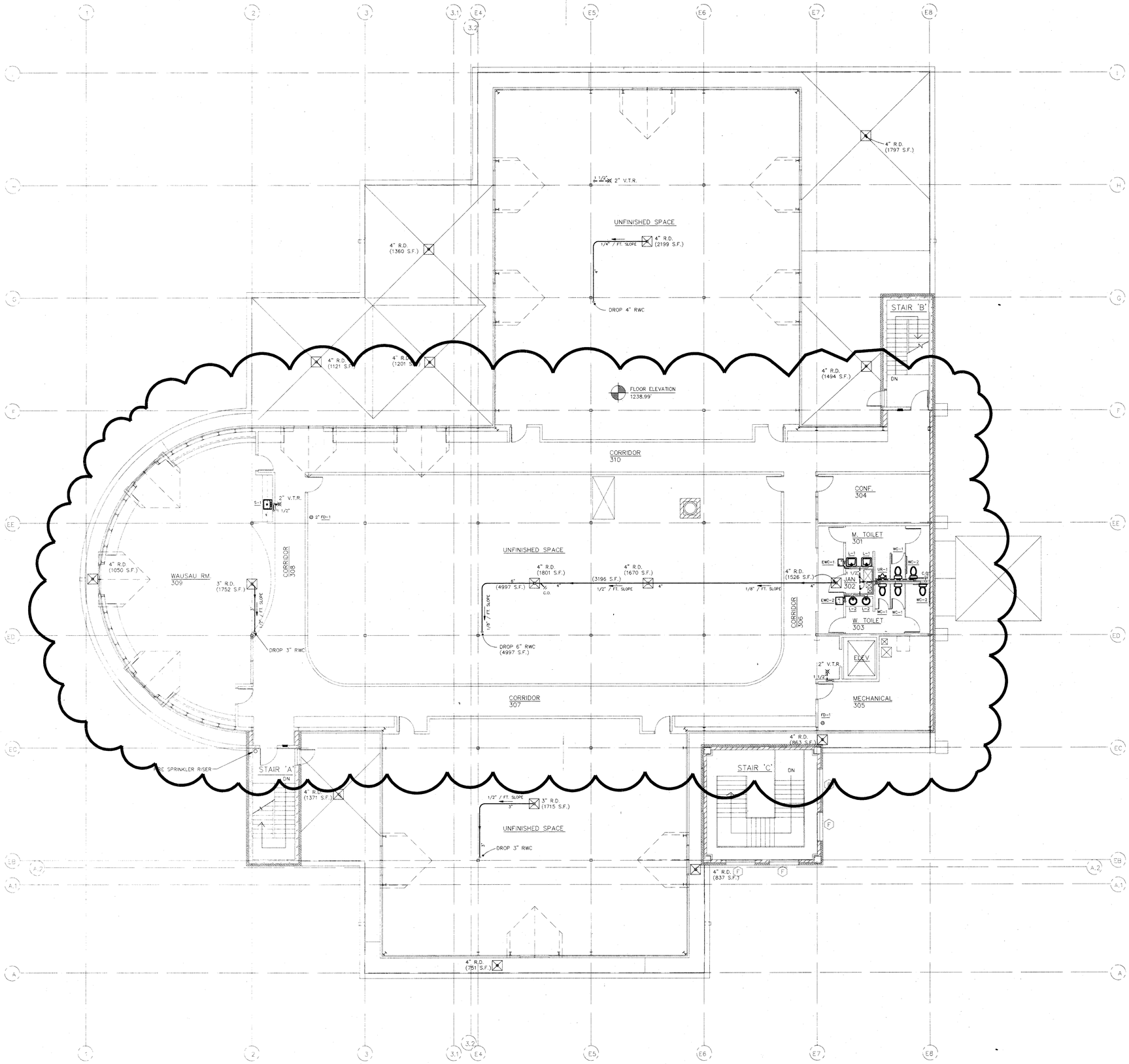
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
L920154 / L930106

DRAWING	SECOND FLOOR PLUMBING PLAN
DATE	JUNE 1993
DRAWN BY	MDF
REVISION	MARCH 1994

FILE # 92154P4B
ZOOM
3-2-94

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

P4R BULLETIN NO. 13



1 THIRD FLOOR PLAN
1/8" = 1'-0" 15,200 S.F.

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
L920154 / L930106

DRAWING THIRD FLOOR PLUMBING PLAN
DATE JUNE 1993
DRAWN BY MDF
REVISION MARCH 1994

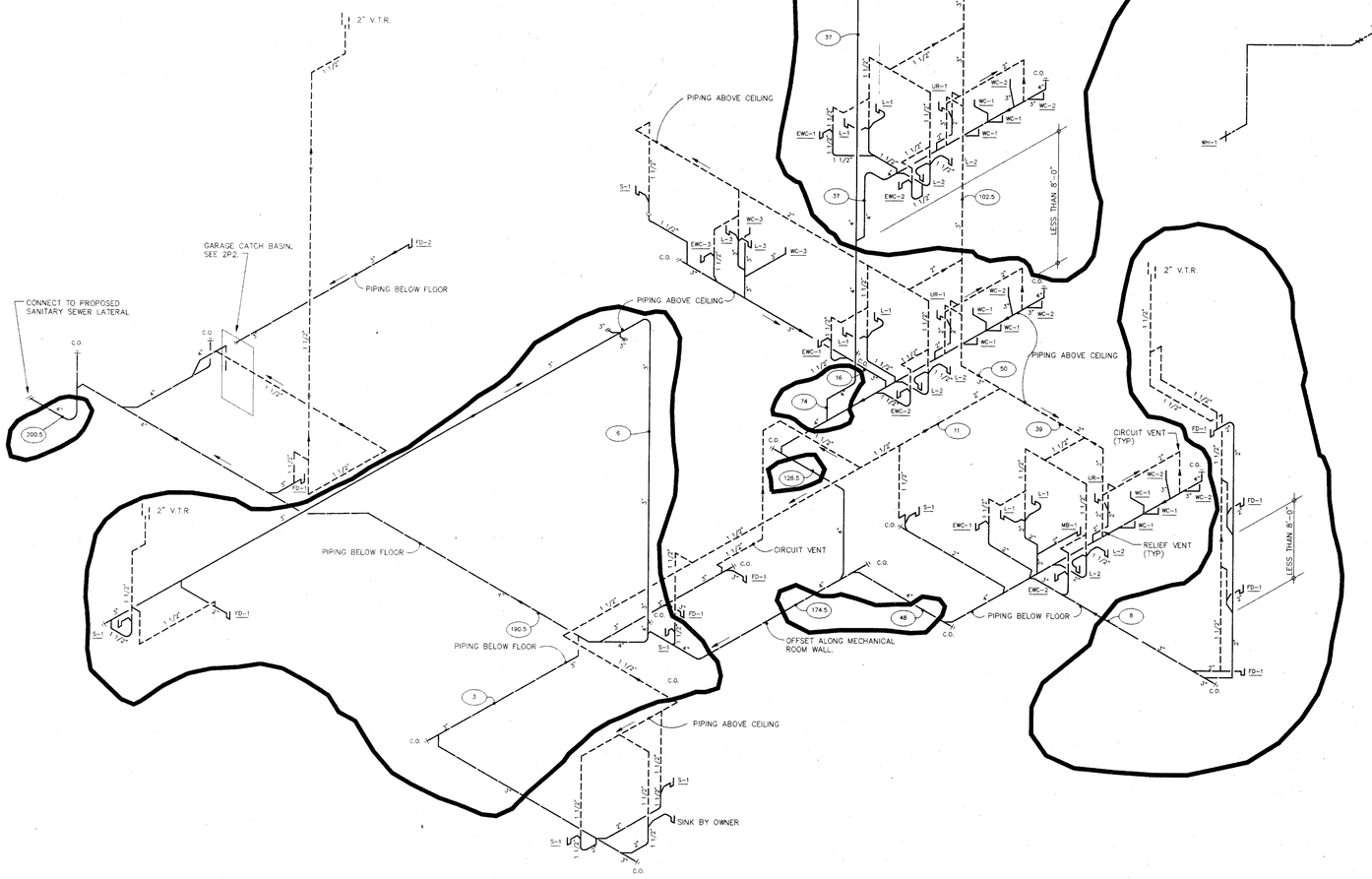
FILE # 92154P5B
LAST UPDATE
3-2-94

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

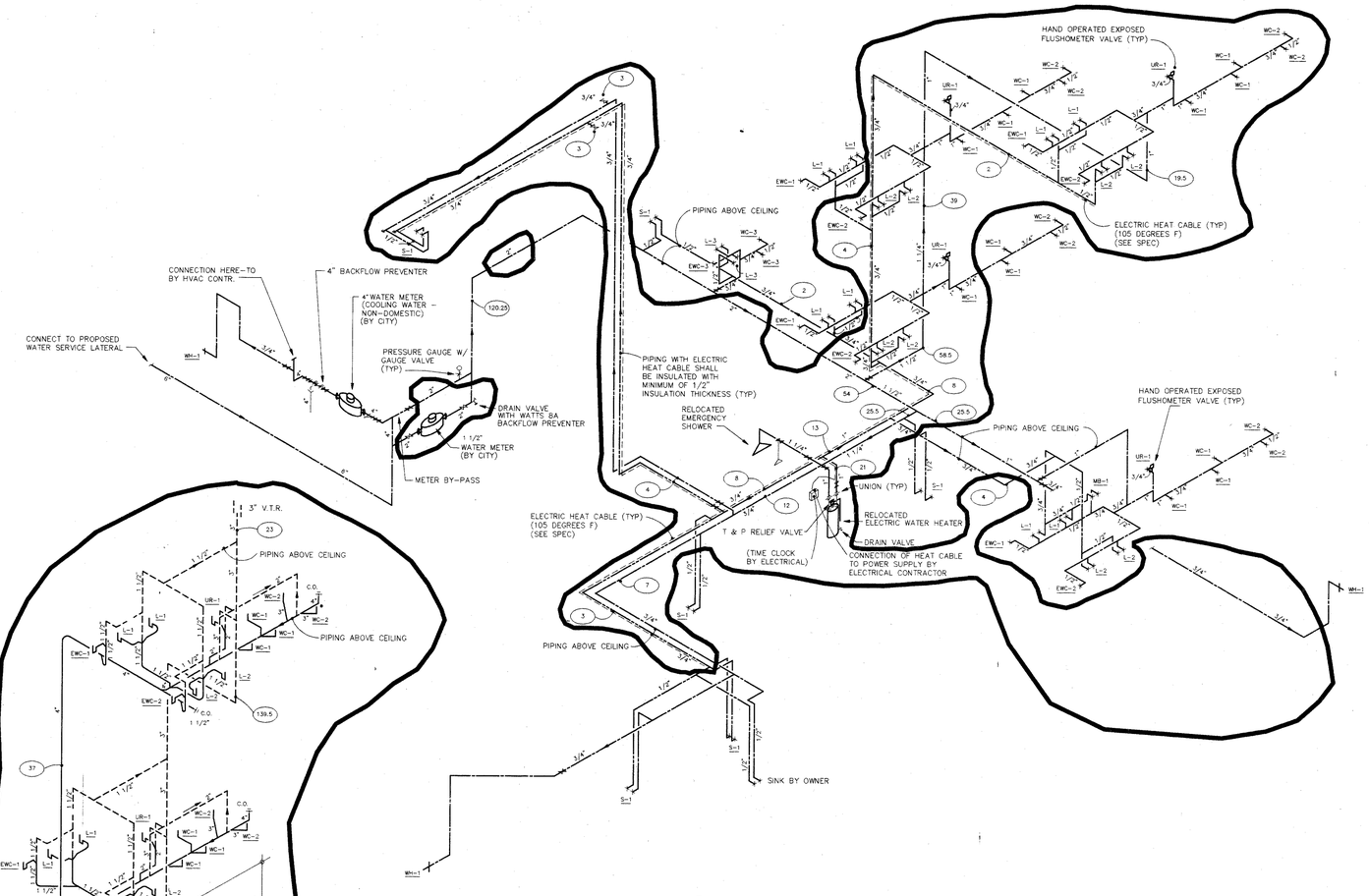
P5R BULLETIN NO. 13

FIRE PROTECTION NOTES:

INSTALL A COMPLETE AUTOMATIC FIRE SPRINKLER SYSTEM IN ENTIRE BUILDING IN CONFORMANCE WITH REQUIREMENTS FROM STATE OF WISCONSIN, DILHR CODE, NFPA AND INSURANCE SERVICES OFFICE OF WISCONSIN. REFER TO SPECIFICATIONS AND LATEST ARCHITECTURAL, STRUCTURAL, PLUMBING, HEATING AND ELECTRICAL DRAWINGS FOR PROPER COORDINATION. ALL PIPING SHALL BE CONCEALED EXCEPT WHEN LOCATED IN UNFINISHED SPACES, SUCH AS STORAGE AND MECHANICAL EQUIPMENT ROOMS.



1 DWV PIPING DIAGRAM
NTS



2 WATER PIPING DIAGRAM
NTS

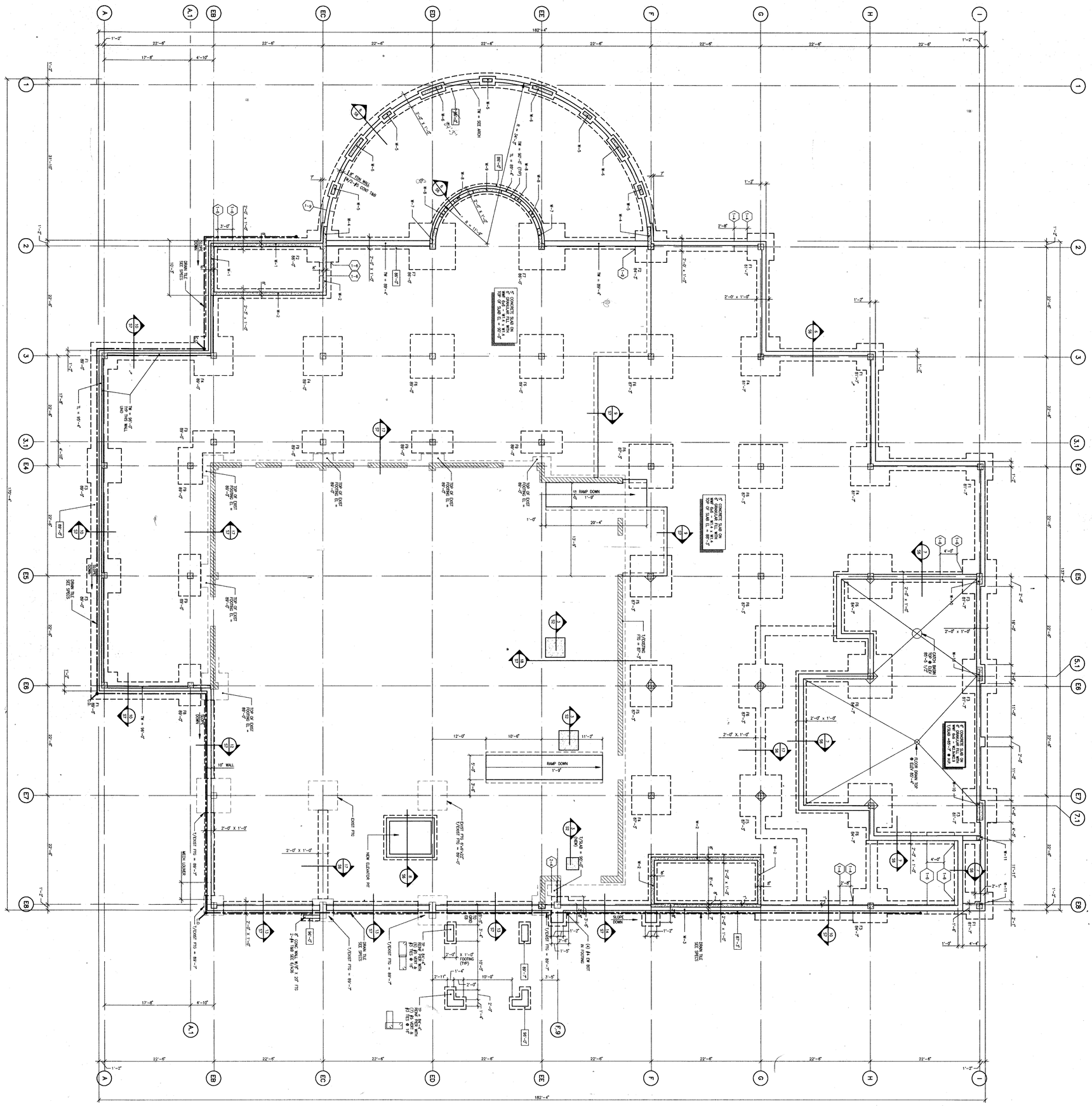
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
L920154 / L930106

DRAWING WASTE AND VENT PIPING DIAGRAMS
DATE JUNE 1993
DRAWN BY M. FORTUN
REVISION MARCH 1994

FILE # 92154P6B
LAST UPDATE 3-3-94

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

P6R BULLETIN NO. 13



1 FOUNDATION PLAN
S1 1/8" = 1'-0"

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

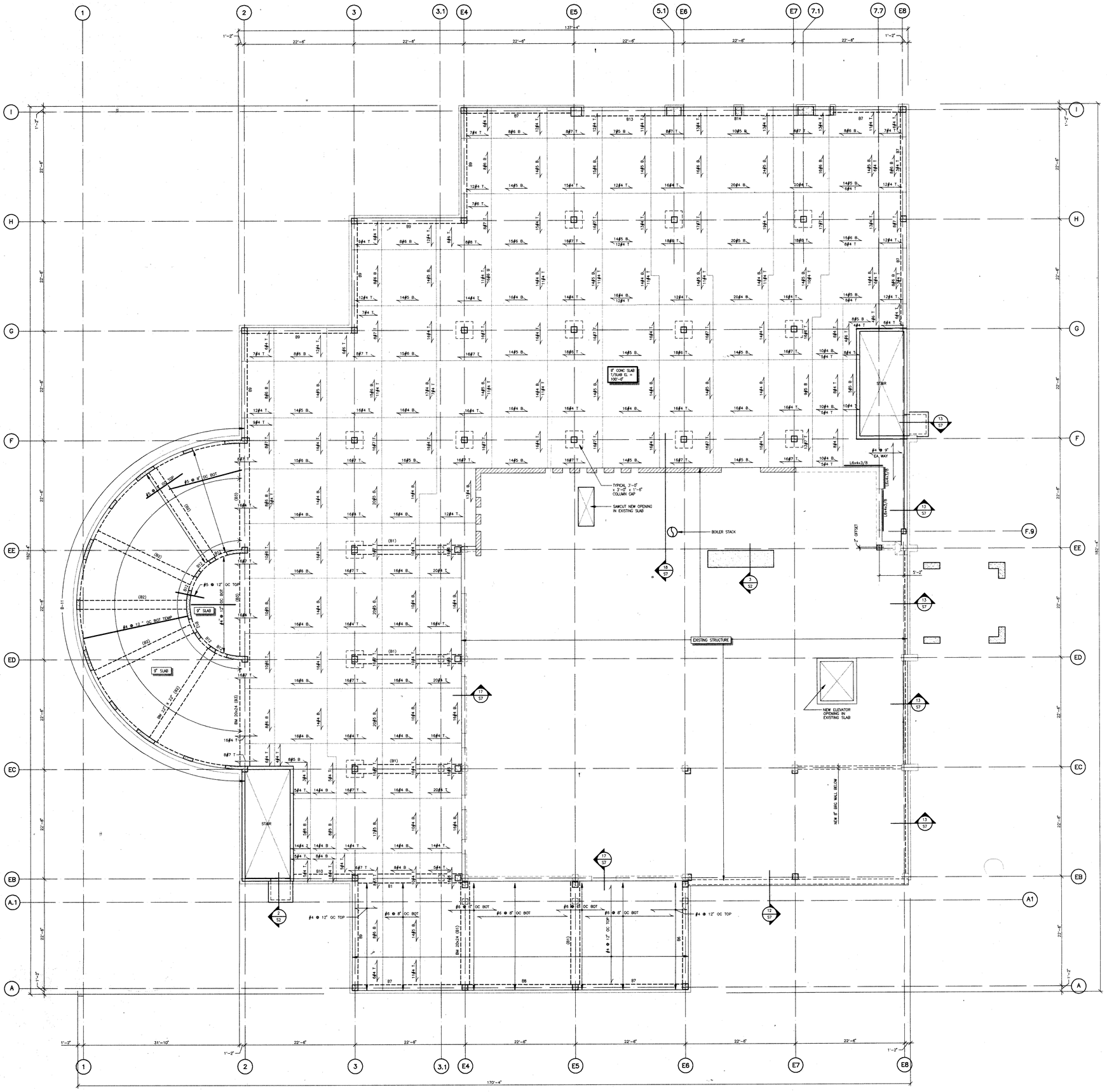
S1

ARNOLD AND O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE MADISON, WISCONSIN 53711
(608) 271-9651 JOB NUMBER 930485

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

L920154

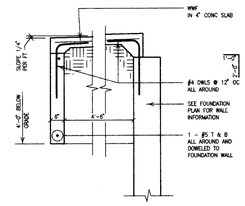
DRAWING	FOUNDATION PLAN
DATE	JUNE 1993
DRAWN BY	A&O/SWL
REVISION	



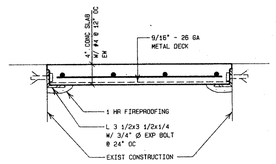
1 S2 FIRST FLOOR FRAMING PLAN
1/8" = 1'-0"

NORTH

NOTE:
SEE SHEET S3 FOR COLUMN STRIP - MIDDLE STRIP DIMENSIONS



2 S2 TYPICAL STOOP WALL SECTION



3 S2 TYPICAL SLAB INFILL
3/4" = 1'-0"

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

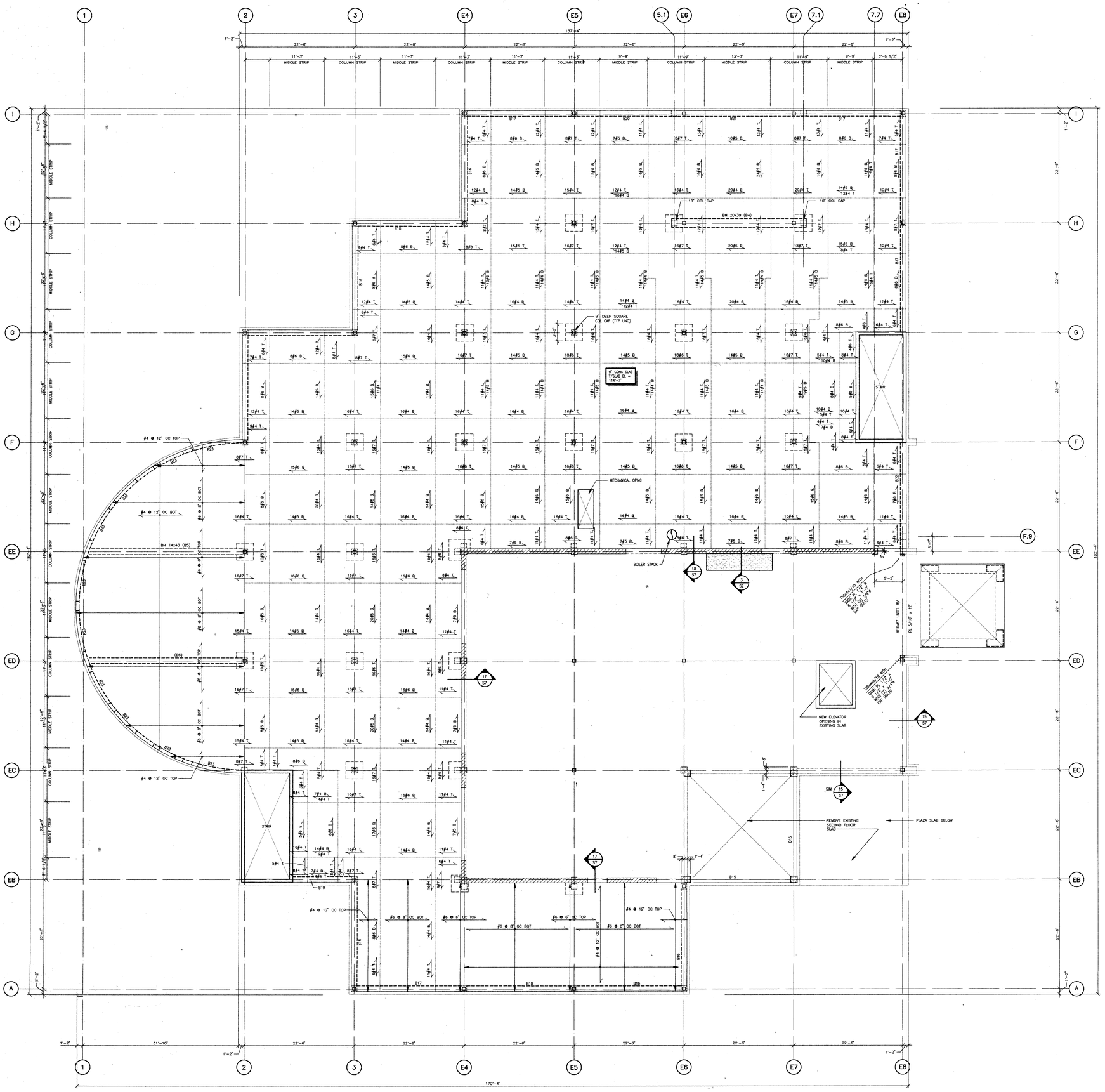
L920154
FIRST FLOOR FRAMING PLAN
JUNE 1993
A&O/SWL

DRAWING
DATE
DRAWN BY
REVISION

ARNOLD AND O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE MADISON, WISCONSIN 53711
(608) 271-9651 JOB NUMBER 93045

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

S2



1 S3 SECOND FLOOR FRAMING PLAN
1/8" = 1'-0"

NORTH

PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

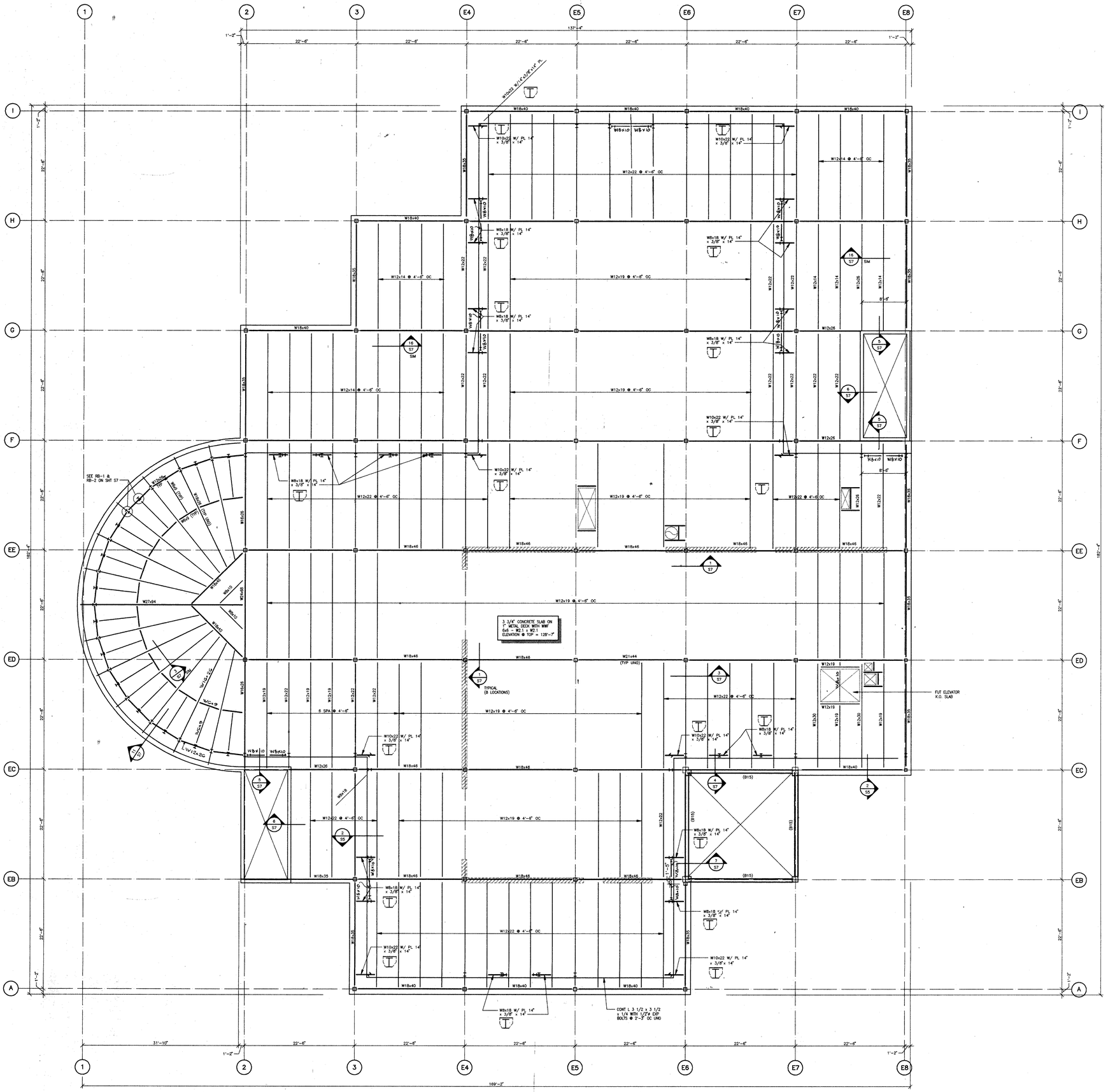
L920154
SECOND FLOOR FRAMING PLAN
JUNE 1993
A&O/SWL

DRAWING
DATE
DRAWN BY
REVISION

ARNOLD AND O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE MADISON, WISCONSIN 53711
(608) 271-9651 JOB NUMBER 930485

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

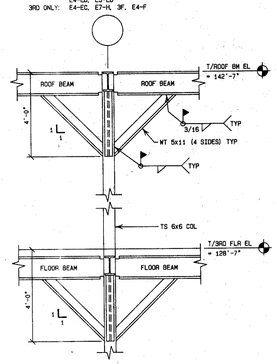
S3



1 / S4 THIRD FLOOR FRAMING PLAN
1/8" = 1'-0"

TOP OF ALL STEEL
BM @ ELEV 128'-3 1/4" UNO

GRIDS: E5-H, E6-H, E5-G, E6-G, E5-F, E6-F
2EE, 3EE, 2ED, 3ED, 3EC
ROOF ONLY: E4-ED, E5-ED, E6-ED, E7-ED, E4-EC, E5-EC, E6-EC, E7-EC, E4-EB, E5-EB
3RD ONLY: E4-EC, E7-H, 3F, E4-F



2 / S4 TYPICAL COLUMN BRACING DETAIL
3/8" = 1'-0"

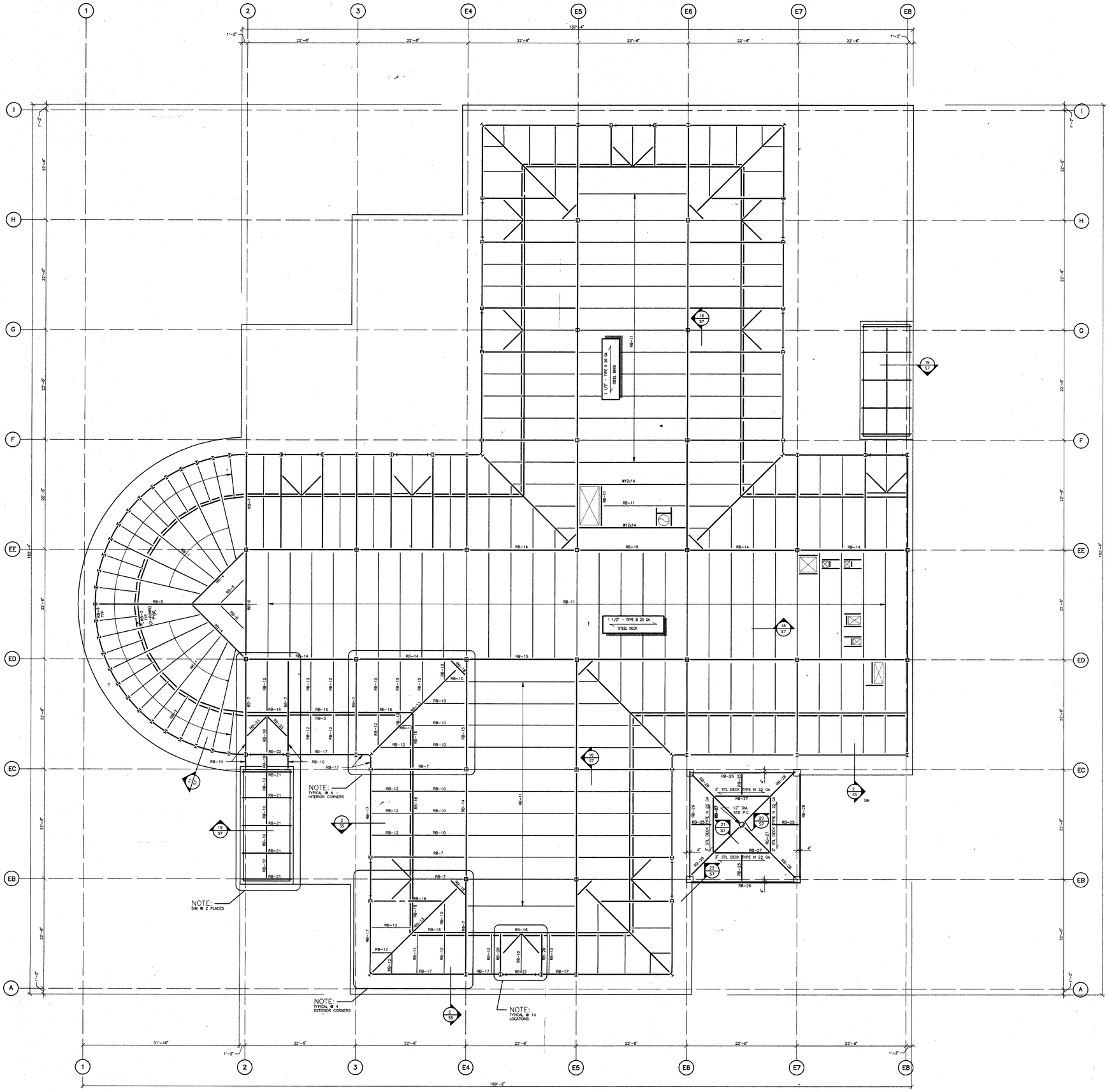
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

DRAWING L920154
DATE JUNE, 1993
DRAWN BY A&O
REVISION

ARNOLD AND O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE MADISON, WISCONSIN 53711
(608) 271-1651 JOB NUMBER 930485

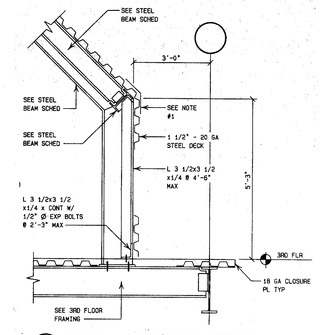
HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

S4

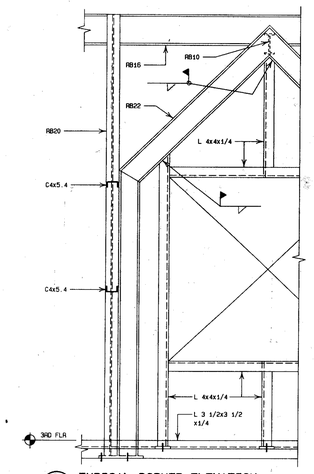


1 / S5 ROOF FRAMING PLAN
1/8" = 1'-0"

NORTH



2 / S5 TYPICAL ROOF/FLOOR SECTION
1/2" = 1'-0"



3 / S5 TYPICAL DORMER ELEVATION
1/2" = 1'-0"

STEEL ROOF BEAM SCHEDULE				
MARK	MEMBER SIZE	END SUPPORTS	PROFILE	NOTES/REMARKS
RB-1	W12x14	3RD FLR, RB-4		REWELDED FRAME
RB-2	W6x9	3RD FLR, RB-3		REWELDED FRAME
RB-3	W6x9	RB-1, 5, 7, 12, 2, 20	STRAIGHT	
RB-4	W12x22	RB-5, COL	STRAIGHT	
RB-5	W12x53	3RD FLR, RB-6		REWELDED FRAME
RB-6	W12x35	COLUMNS	STRAIGHT	
RB-7	W12x19	3RD FLR, COL, RB-13, 14		REWELDED FRAME
RB-8	W6x9	RB-5, 6	STRAIGHT	
RB-9	W6x9	RB-1, 5, 7	STRAIGHT	
RB-10	W8x10	RB-7,13,14,15,16,21,22,20	STRAIGHT	
RB-11	W10x12	RB-14, 15	STRAIGHT	
RB-12	W8x10	RB-13, 16, 17		
RB-13	W12x22	3RD FLR, RB-18		REWELDED FRAME
RB-14	W16x31	COLUMNS	STRAIGHT	
RB-15	W16x26	COLUMNS	STRAIGHT	
RB-16	W12x14	RB-7, 13	STRAIGHT	
RB-17	W8x18	RB-7, 13, 20	STRAIGHT	
RB-18	W12x14	RB-7, 15, 19	STRAIGHT	
RB-19	W12x14	RB-16, COL	STRAIGHT	
RB-20	W12x14	3RD FLR, RB-16		REWELDED FRAME
RB-21	W8x10	CONC WALLS, RB-7		REWELDED FRAME
RB-22	W8x10	THIRD FLOOR		REWELDED FRAME
RB-23	W6x9	RB-7, 20		
RB-24	NOT USED			
RB-25	TS 6x4x3/16	RB-26, 27		ALL WELDED SPACE FRAME
RB-26	TS 8x6x1/4	CONC. COLUMNS	STRAIGHT	ALL WELDED SPACE FRAME
RB-27	TS 6x6x5/16	RB-28	STRAIGHT	ALL WELDED SPACE FRAME
RB-28	TS 8x6x1/4	CONC. COLUMNS, 12" STD P.C.		ALL WELDED SPACE FRAME

GENERAL NOTES:

1. PROVIDE 18 GA X 1'-4" ROOF PL's AT ALL CHANGES IN ROOF DECK DIRECTIONS OR SLOPES W/ SCREWS @ MAX 8" O.C. EA. SIDE.
2. PROVIDE 3/16" BENT PL's SIM. TO SECTION 21/S7 @ ALL CORNERS TO PROVIDE A FLAT BEARING SURFACE FOR THE STEEL ROOF DECK.

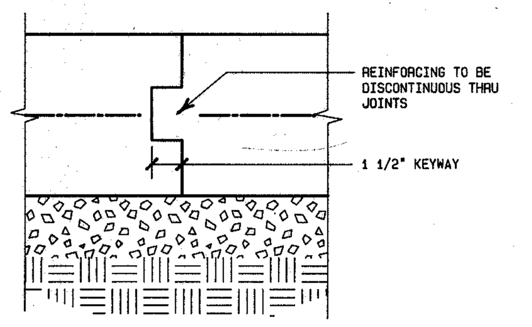
PROJECT MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN

L920154
DRAWING ROOF FRAMING PLAN
DATE JUNE, 1993
DRAWN BY A&O
REVISION

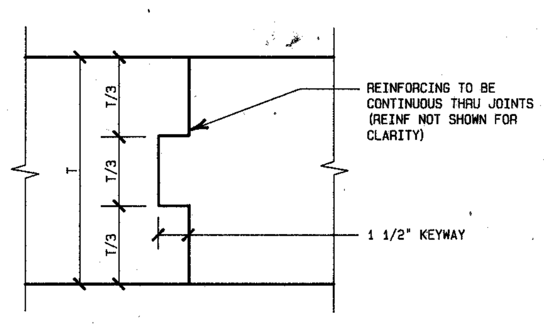
ARNOLD AND O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE MADISON, WISCONSIN 53711
(608) 271-9651 JOB NUMBER 93045

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

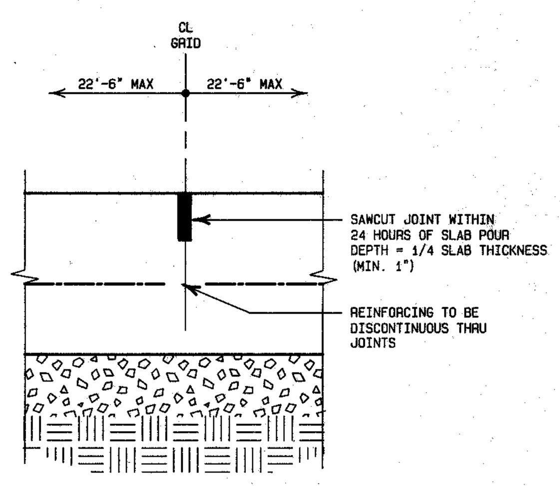
S5



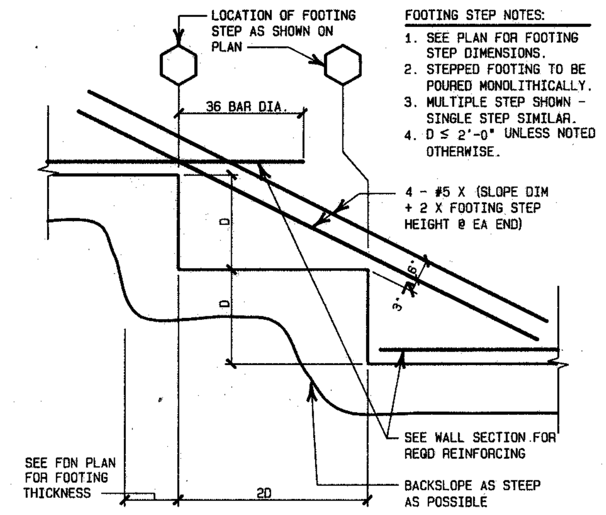
1 TYPICAL SLAB CONSTRUCTION JOINT S6



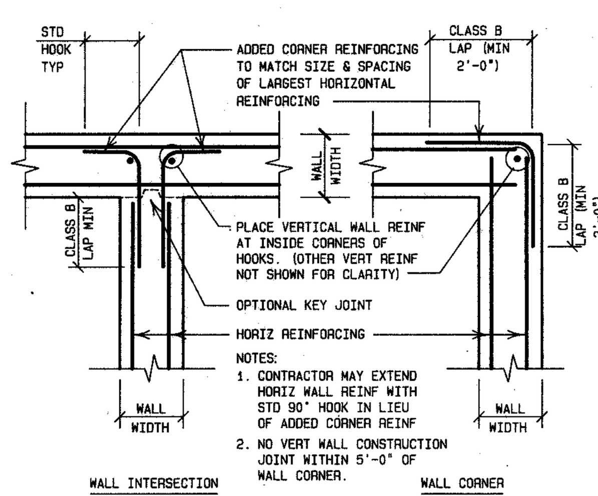
2 TYPICAL WALL CONSTRUCTION JOINT S6



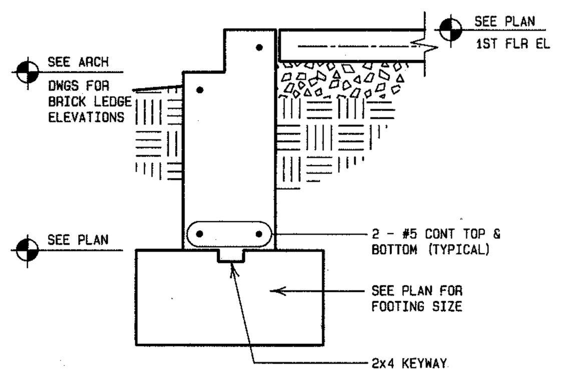
3 TYPICAL SLAB CONTROL JOINT S6



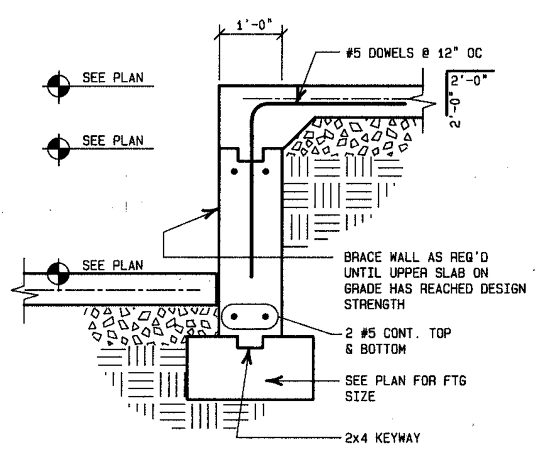
4 FOOTING STEP DETAIL S6



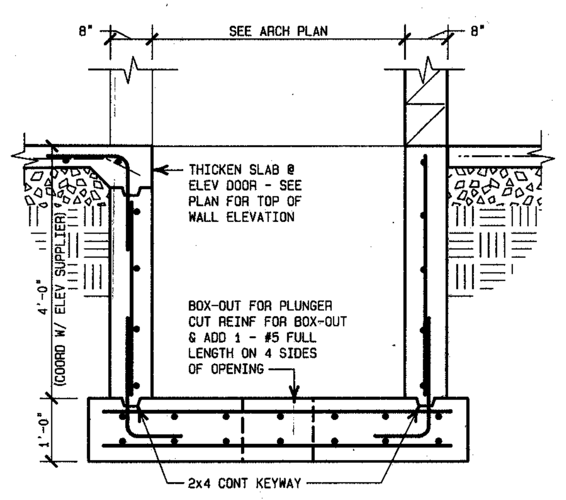
5 TYPICAL CORNER REINFORCING S6



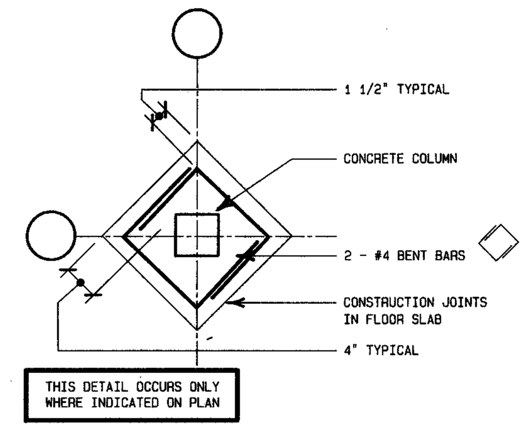
6 TYP PERIMETER FOUNDATION WALL S6



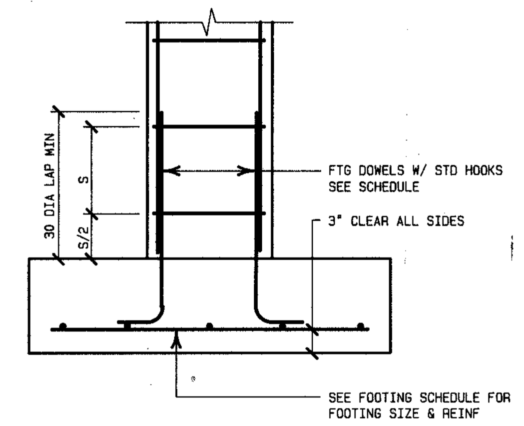
7 FOUNDATION WALL DETAIL S6



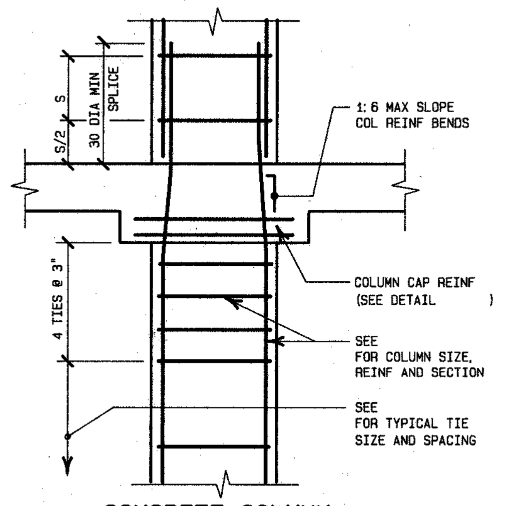
8 SECTION THRU ELEVATOR PIT S6



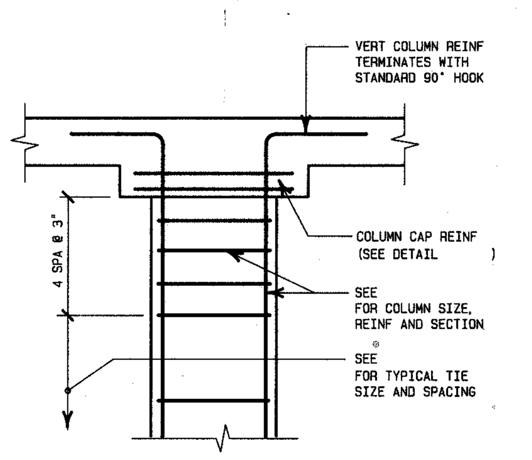
9 CONCRETE PROTECTION @ COL BASE S6



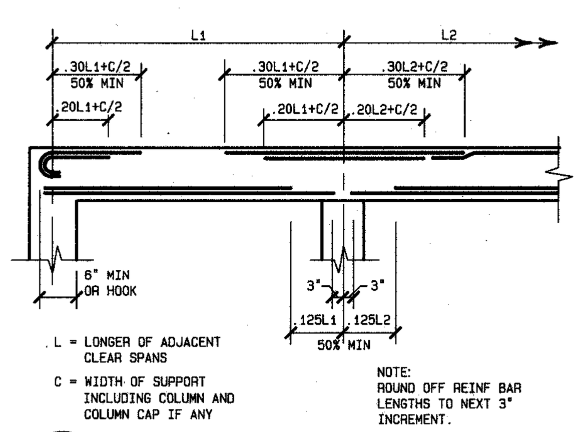
10 TYPICAL COLUMN FOOTING S6



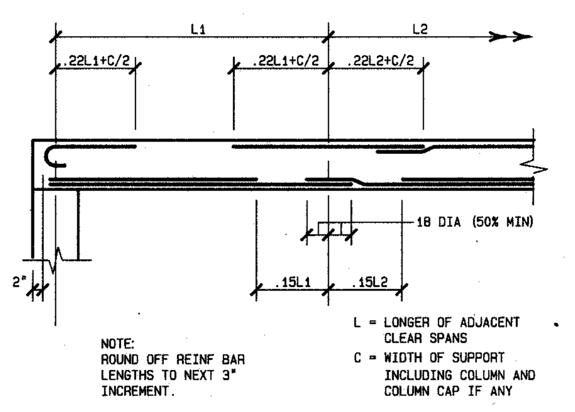
11 CONCRETE COLUMN REINFORCING SPLICE DETAIL S6



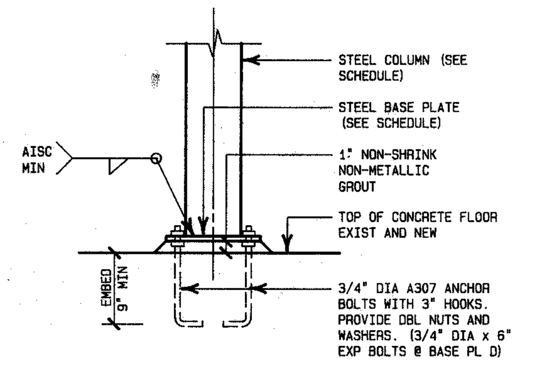
12 CONCRETE COLUMN REINFORCING TERMINATION S6



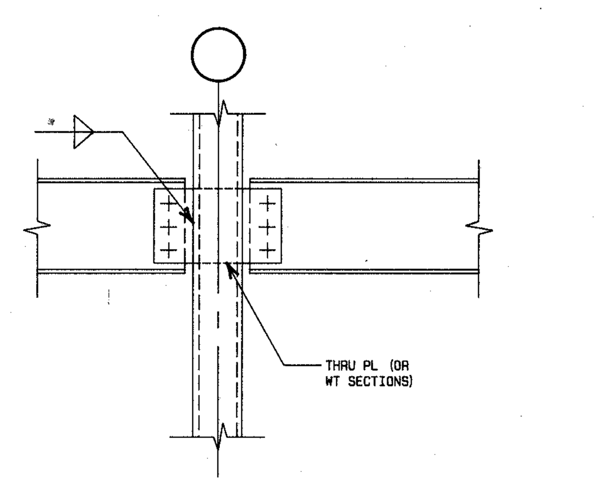
13 TYPICAL COLUMN STRIP S6
(BARS SPAN W/O DROP PANELS)



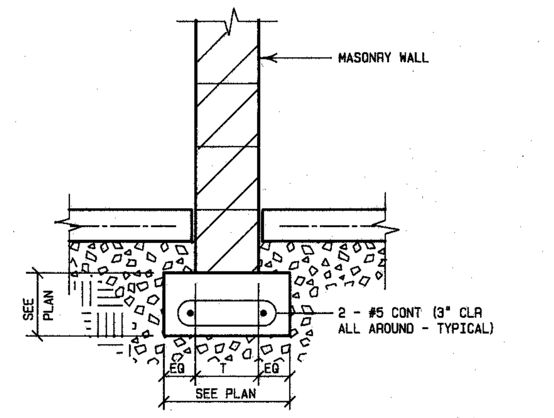
14 TYPICAL MIDDLE STRIP BARS S6



15 BASE PLATE SETTING DETAIL S6



16 TYP BEAM/COLUMN CONNECTION S6
ROOF AND THIRD FLOOR



17 FOOTING @ MASONRY WALL S6

FOOTING SCHEDULE

FOOTING MARK	FOOTING DIMENSIONS (W X L X D)	FOOTING REINFORCING (EACH WAY - BOTTOM)
F1	5'-6" x 5'-6" x 1'-3"	6 - #5
F2	6'-6" x 6'-6" x 1'-6"	6 - #6
F3	7'-0" x 7'-0" x 1'-7"	7 - #6
F4	8'-0" x 8'-0" x 1'-10"	9 - #6
F5	8'-6" x 8'-6" x 1'-11"	10 - #6
F6	9'-0" x 9'-0" x 2'-1"	11 - #6
F7	9'-6" x 9'-6" x 2'-2"	7 - #8
F8	4'-6" x 7'-0" x 1'-7"	7 - #6
F9	4'-6" x 8'-6" x 1'-11"	10 - #6
F10	5'-0" x 7'-6" x 1'-8"	7 - #6

LOOSE STEEL LINTEL SCHEDULE

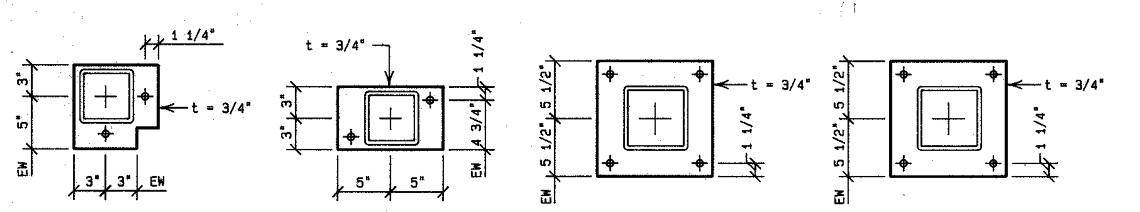
PROVIDE WHERE OTHER LINTELS ARE NOT SPECIFICALLY DETAILED

WALL THK	CLEAR MASONRY OPENING WIDTH	SECTION
ALL	AT FIRE EXTINGUISHER CABINETS AND DRINKING FOUNTAINS	1/4" PL
4"	TO 5'-0"	ST 3 X 6.25 (3/16 1 1/2 - 8)
4"	TO 7'-0"	PL 3/8 X 4 1/2 ON PL 3/8 X 3 1/2
4"	TO 9'-0"	PL 3/8 X 7 1/2 ON PL 3/8 X 3 1/2
6"	TO 5'-0"	2 - L 3 1/2 X 2 1/2 X 1/4 LLV
6"	TO 7'-0"	WT 4 X 10.5
6"	TO 9'-0"	WT 7 X 11
6"	TO 12'-0"	WT 7 X 13 WITH PL 1/2 X 2 (3/16 1 1/2 - 8)
8"	TO 5'-0"	2 - L 3 1/2 X 3 1/2 X 1/4
8"	TO 7'-0"	2 - L 4 X 3 1/2 X 5/16 LLV
8"	TO 9'-0"	WT 7 X 15
10"	TO 7'-0"	W 8 X 10 WITH PL 5/16 X 9 (3/16 1 1/2 - 8)
10"	TO 10'-0"	W 8 X 15 WITH PL 5/16 X 9
12" AND OVER	TO 5'-0"	3 - L 3 1/2 X 3 1/2 X 1/4
12" AND OVER	TO 7'-0"	W 8 X 10 WITH PL 5/16 (3/16 1 1/2 - 8)
12" AND OVER	TO 10'-0"	W 8 X 15 WITH PL 5/16

NOTES:
1. PROVIDE MINIMUM 8" BEARING AT EACH END OF LINTEL.
2. GROUT BLOCK CORES SOLID MINIMUM 3 COURSES BELOW LINTEL BEARING.
3. CENTER LINTELS IN WALL UNLESS OTHERWISE NOTED.
4. BOTTOM PLATES UNDER WIDE FLANGE SHAPES SHALL BE EXTENDED FULL LENGTH OF LINTEL.
5. [illegible] NON-BEARING
6. MASONRY WALLS WHERE GROUTED HOLLOW METAL FRAMES HAVE A HEADSPAN OF 4'-0" OR LESS.

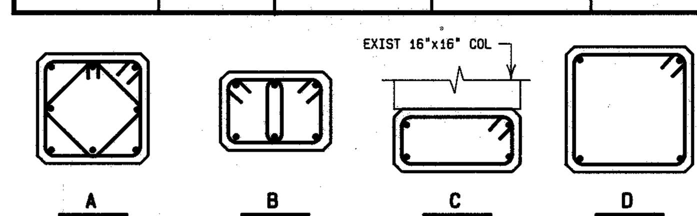
STEEL COLUMN SCHEDULE

GRID LOCATION	E4-I, E8-I, 3-H E4-H, 2-G, 3-G 2-F, 3-EB, 3-A E6-A, E8-EC	E5-I, E6-I, E7-I E8-H, E4-A, E5-A E6-EB	E5-H, E6-H, E5-G E6-G, E5-F, E6-F 3-EE, 3-ED	E7-H, E4-G, E7-G 3-F, E4-EF, E7-F 3-EC	E4-EE, E5-EE E6-EE, E7-EE E4-ED, E4-EC E4-EB, E5-EB	E8-EE	E5-ED, E6-ED E7-ED, E5-EC	2-EE, 2-ED	E8-ED
ROOF T/STL = 141'-3"					TS 6x6x 3/16				
3RD FLR T/STL = 128'-4"	TS 5x5x 3/16	TS 5x5x 3/16	TS 6x6x 3/16	TS 6x6x 3/16		TS 6x6x 3/16	TS 6x6x 3/16	TS 6x6x 1/4	TS 5x5x 3/16
2ND FLR T/CONC = 114'-7"									
BASE PL DTL	A	B	C	C	1/S7	B	D	C	B

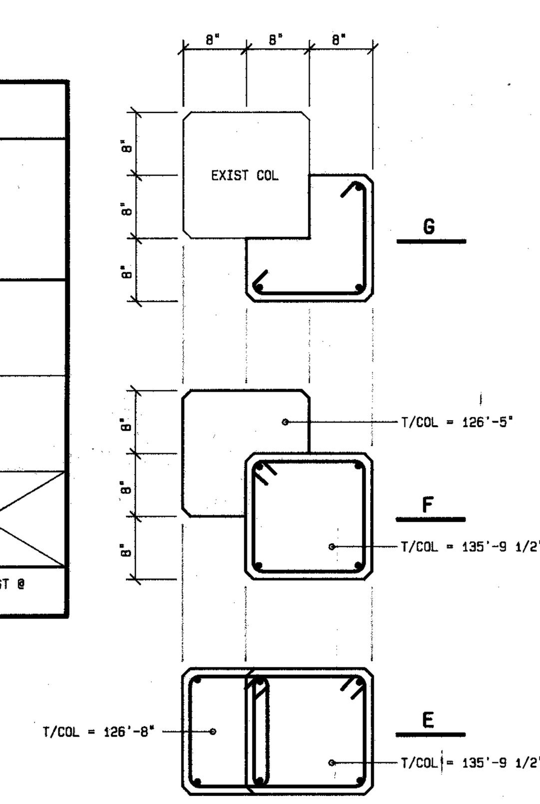


CONCRETE COLUMN SCHEDULE

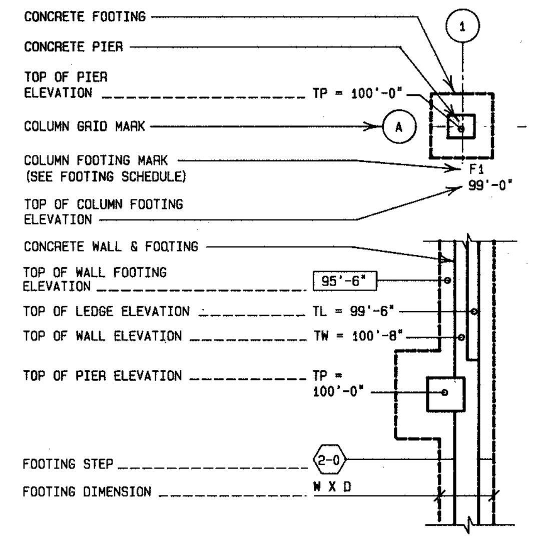
LEVEL	GRID LOCATION / COLUMN DATA	E4-I, E5-I, 5.1 -I 7.1-I, E8-I, 3-H E4-H, E8-H, 2-G 3-G, 2-F, 2-EC 3-EB, 3-A, E4-A E5-A, E6-A E8-F.9	E5-H, 5.1-H, 7.1-H E4-G, E5-G, E6-G E7-G, E4-F, E5-F E6-F, E7-F, E6-A.1 2-EE, 3-EE, 3.1-EE 2-ED, 3-ED, 3.1-ED 3-EC, 3.1-EC 3.1-EB E4-A.1, E5-A.1, 3-F	E4-EE, E5-EE, E6-EE E7-EE	E7-EC, E6-EB	E6-EC	7.7-EE	E7-EB
T/COL EL = 135'-9 1/2" 3RD FLR 128'-7"	SIZE	X	X	X	16" x 16"/24"	IRREGULAR		16" x 16"
	VERT REINF				6 - #7	4 - #7		4 - #8
	TIES				#3 @ 14"	#3 @ 14"		#3 @ 14"
	DETAIL				E	F		D
2ND FLR 114'-7"	SIZE	14" x 14"	14" x 14"	10" x 16"	8" x 16"	IRREGULAR	12" x 12" (1)	16" x 16"
	VERT REINF	8 - #5	8 - #8	6 - #6	4 - #7	3 - #7	4 - #6	4 - #8
	TIES	#3 @ 10"	#3 @ 14" (17/S7)	#3 @ 12" (18/S7 SEE SECT)	#3 @ 8"	#3 @ 8"	#3 @ 12"	#3 @ 14"
	DETAIL	A	A	B	C	G	D	D
1ST FLR 100'-0"	SIZE	14" x 14"	14" x 14" (SEE SECTION)	X	X	X	X	X
	VERT REINF	8 - #6	8 - #8					
	TIES	#3 @ 12"	#3 @ 14"					
T/FTG	DETAIL	A	A					
SEE PLAN	DOWELS	4 - #6	4 - #8	--	4 - #7 x 1'-0" INTO 1ST FLOOR	3 - #7 x 1'-0" INTO 1ST FLOOR	4 - #6 x 1'-0" INTO 1ST FLOOR	LAP W/ EXIST @ 1ST FLOOR



1. DRY PACK NON-SHRINK GROUT @ TOP OF COLUMN TO UNDERSIDE OF EXISTING CONCRETE BEAM.

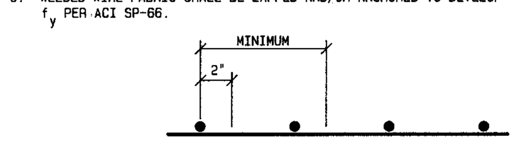


FOUNDATION LEGEND



REINFORCING NOTES

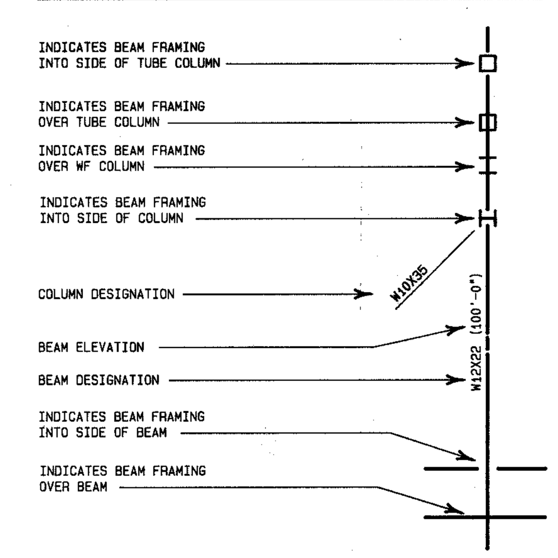
1. REINFORCING SHALL BE DETAILED IN ACCORDANCE WITH ACI SP-66.
2. ALL LAPS SHALL BE CLASS "B" (PER ACI 318-89) UNLESS NOTED OTHERWISE ON THE DESIGN DRAWINGS OR UNLESS THE DETAILER TAKES SPECIAL CARE TO PROVIDE STAGGERED LAPS. USE TOP BAR LAP LENGTHS FOR ALL HORIZONTAL WALL BARS AND FOR TOP BARS IN SLABS AND BEAMS OVER 14" DEEP.
3. LAP LENGTH SHALL BE SPECIFICALLY NOTED ON PLACING DRAWINGS WHERE MORE THAN ONE BAR MAKES UP A CONTINUOUS STRING.
4. SEE CORNER REINFORCING DETAIL FOR ADDED REINFORCING AT WALL CORNERS AND WALL INTERSECTIONS.
5. HORIZONTAL BARS, EXCEPT FOR CONTINUOUS STRINGS FROM ONE CORNER OR OPENING TO ANOTHER, SHALL BE DETAILED TO SHOW THE DISTANCE FROM AT LEAST ONE END OF THE BAR TO THE NEAREST BUILDING GRID LINE OR WALL
6. WELDED WIRE FABRIC SHALL BE LAPPED AND/OR ANCHORED TO DEVELOP f_y PER ACI SP-66.



FLAT SLAB REINFORCING NOTES

1. CT: COLUMN STRIP - TOP BARS
   CB: COLUMN STRIP - BOTTOM BARS
   MT: MIDDLE STRIP - TOP BARS
   MB: MIDDLE STRIP - BOTTOM BARS
2. WHERE "MT" OR "MB" REINFORCING IS SHOWN IN A COLUMN STRIP, THE LENGTHS ARE TO BE FOR MIDDLE STRIP REINFORCING.
3. "•" ON EITHER END (OR BOTH) OF A BAR SET DESIGNATION REQUIRES THAT END OF THE SET OF BARS TO BE EXTENDED TO THE NEAREST SLAB EDGE, OPENING OR WALL. IF THE BARS SO DESIGNATED ARE TOP BARS, THE EXTENDED END SHALL BE HOOKED.
4. "L" ON EITHER END (OR BOTH) OF A BAR SET DESIGNATION REQUIRES THAT END OF THE SET OF BARS TO BE EXTENDED AND LAPPED WITH THE NEXT SET OF THE SAME TYPE BAR.
5. 7-#7 CT : BARS SHOWN BY THIS TYPE OF DESIGNATION ARE TO BE CONCENTRATED AT THE COLUMN IN A WIDTH EQUAL TO THE DIMENSION OF THE LOWER COLUMN OR CAPITAL PERPENDICULAR TO THE BAR PLUS 1 1/2 X THE TOTAL SLAB THICKNESS (INCLUDING DROP PANEL IF ANY) ON EITHER SIDE. SHOP DRAWINGS ARE TO SHOW THIS TOTAL DIMENSION.
6. WHERE ADDITIONAL POINTS OF SLAB SUPPORT OCCUR BETWEEN MAIN COLUMNS, THE SHORTER SPAN SHALL BE USED IN DETERMINING THE CUT-OFF POINT OF THE SHORTER BOTTOM BARS. THIS REQUIREMENT SHALL CARRY OVER INTO THE STRIP(S) ADJACENT TO THE STRIP WHICH CONTAINS THE EXTRA SUPPORT.

STRUCTURAL STEEL LEGEND



DESIGN LIVE LOADS

FLOOR FRAMING (INCLUDING PARTITIONS) 1ST & 2ND	150	PSF
FLOOR FRAMING (INCLUDING PARTITIONS) 3RD	60	PSF
STAIRWAYS	100	PSF
LATERAL EARTH PRESSURE	55	PSF/FT
WIND	20	PSF

DESIGN STRESSES

CAST-IN-PLACE CONCRETE:		
FOOTINGS & FOUNDATION WALLS	f'_c =	3,000 PSI
COLS, BEAMS, STAIRS & SUSPENDED SLABS	f'_c =	4,000 PSI
3RD FLOOR CONCRETE FILL	f'_c =	3,500 PSI
OTHER	f'_c =	3,000 PSI
REINFORCING STEEL	f_y =	60,000 PSI
STRUCTURAL STEEL:		
TUBE STEEL COLS	F_y =	46,000 PSI
OTHER	F_y =	36,000 PSI
WELDING ELECTRODES		E70XX
SOIL BEARING PRESSURE (VERIFIED)	q =	4,000 PSF

MILD STEEL REINFORCING PROTECTION

FOOTINGS - BOTTOM & SIDES	3"
FOOTINGS - TOP	2"
PERIMETER WALLS - #5 & SMALLER	1 1/2"
PERIMETER WALLS - #6 & LARGER	2"
INTERIOR WALLS	3/4"
BEAMS, GIRDERS, PIERS & COLUMNS (OVER TIES & STIRRUPS)	1 1/2"
SLABS - BOTTOM & SIDES (TYPICAL UNO)	1"
SLABS - TOP (TYPICAL UNO)	3/4"

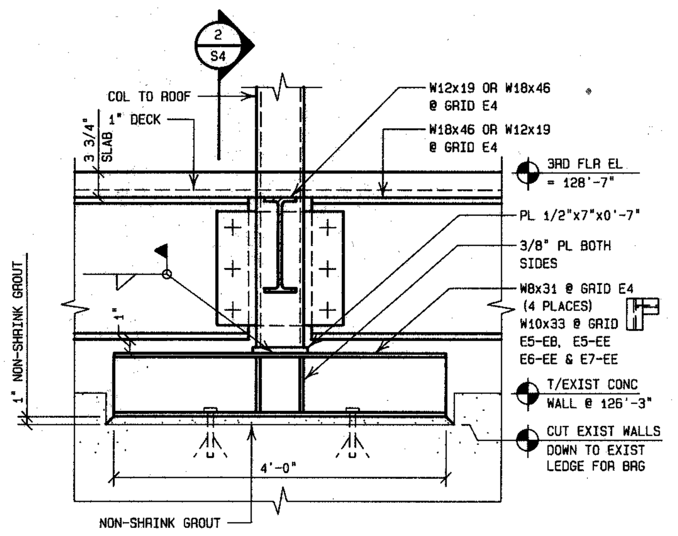
Project MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
L920154

DRAWING DETAILS
DATE JUNE 1993
DRAWN BY A&O
REVISION

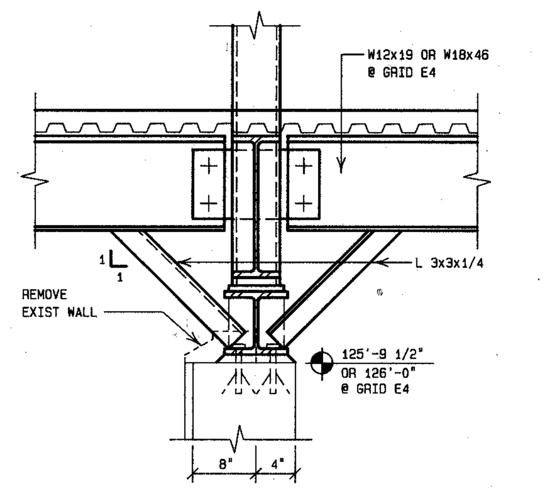
ARNOLD AND O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE MADISON, WISCONSIN 53711
(608) 271-9651 JOB NUMBER 93048 S

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

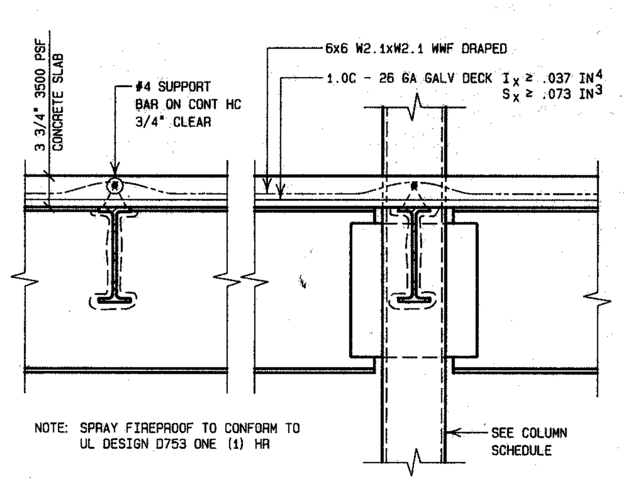
S6



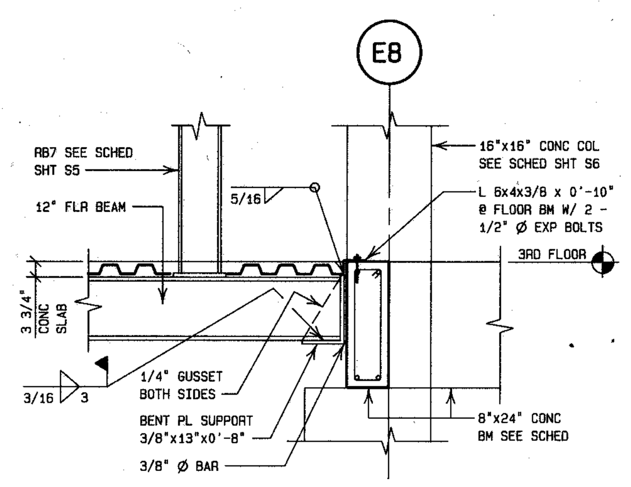
1 S7 COLUMN BEARING DETAIL



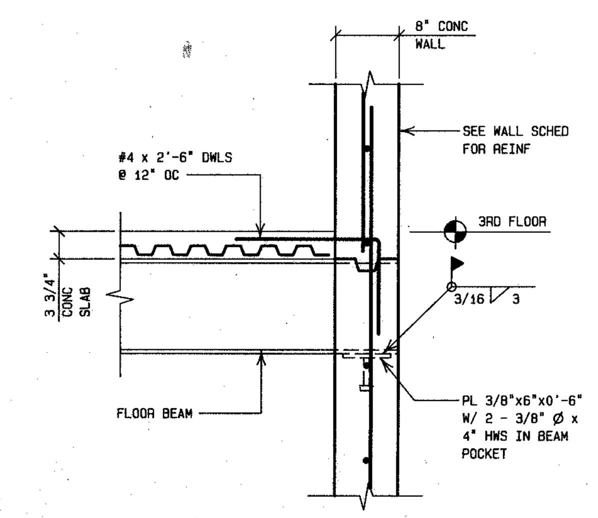
2 S7 SECTION



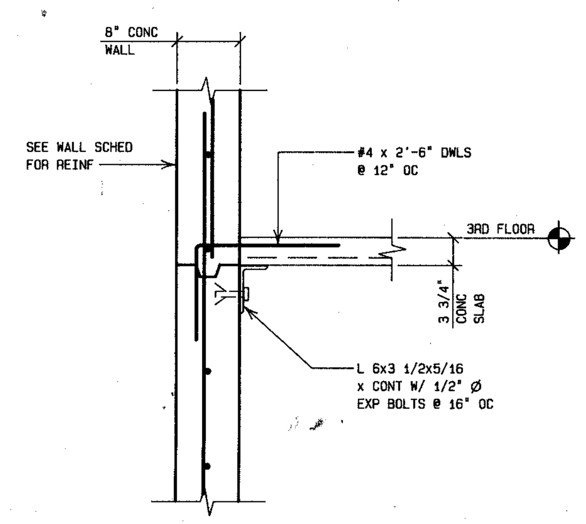
3 S7 TYP FLOOR SECTION
3/4" = 1'-0"



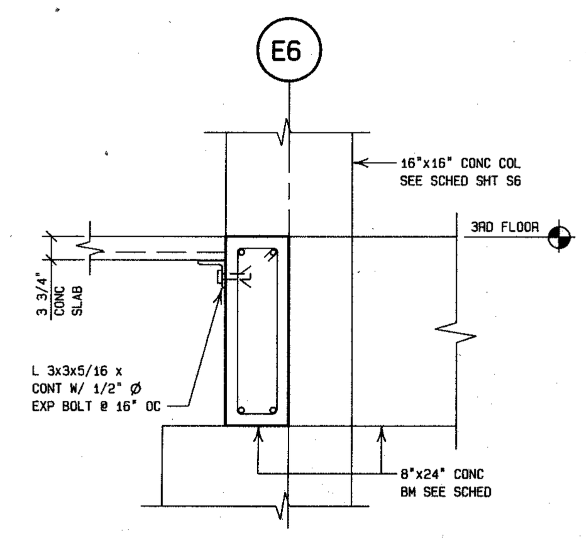
4 S7 SECTION
1/2" = 1'-0"



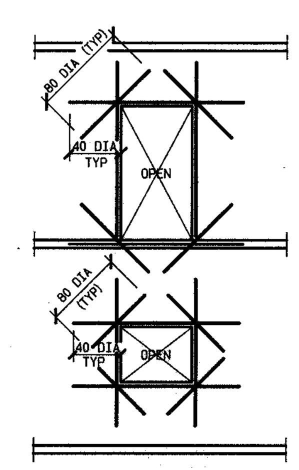
5 S7 SECTION
3/4" = 1'-0"



6 S7 SECTION
3/4" = 1'-0"



7 S7 SECTION
3/4" = 1'-0"



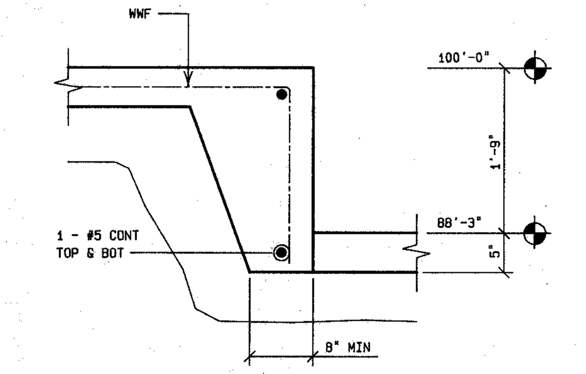
VERTICAL BARS:
2 BARS EACH SIDE, ONE BAR SIZE LARGER THAN TYP VERT WALL REINFORCING.

HORIZONTAL BARS:
2 BARS TOP & BOTTOM, ONE BAR SIZE LARGER THAN TYP HORIZ WALL REINFORCING.

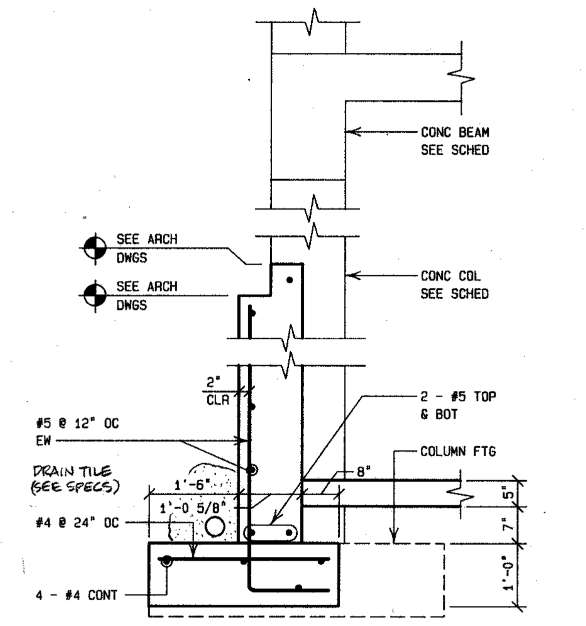
DIAGONAL BARS:
2 BARS OF SAME SIZE AS SMALLER OF ADDED HORIZONTAL & VERTICAL BARS.

NOTES:
1. WHERE TWO FACES OF STEEL HAVE DIFFERENT SIZE BARS, THE LARGER CONTROLS.
2. VERIFY SIZE & LOCATION OF OPENINGS WITH TRADE OR SUB-CONTRACTOR WHICH REQUIRES OPENING.

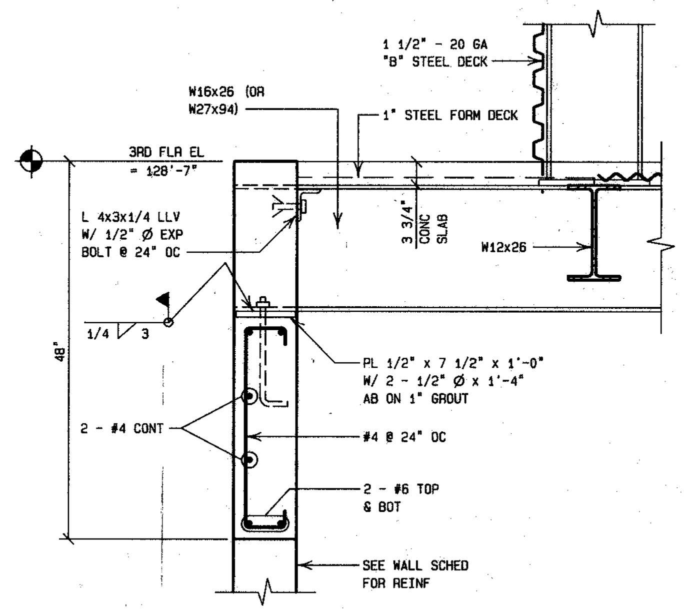
8 S7 ADDED REINFORCING @ CONCRETE WALL OPENINGS



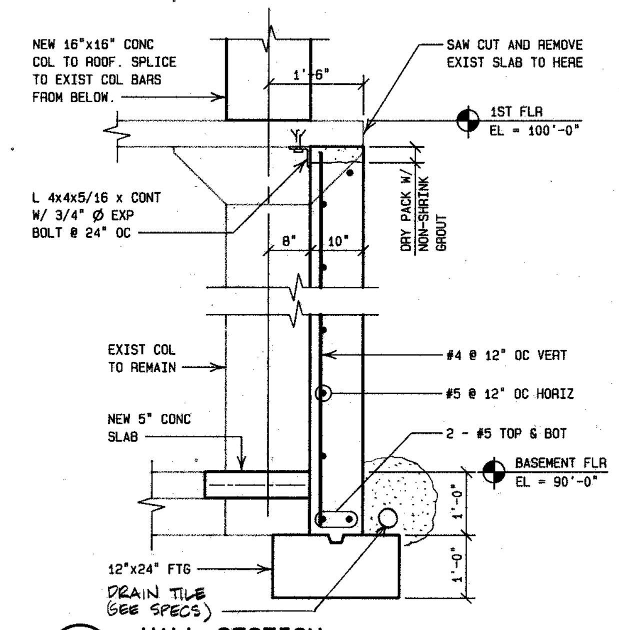
9 S7 BASEMENT SLAB DETAIL
1" = 1'-0"



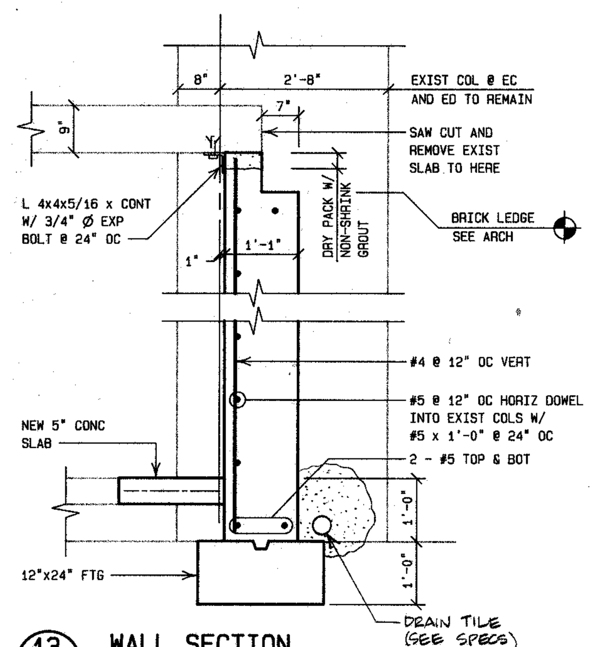
10 S7 TYP FOUNDATION @ EAST WALL
1/2" = 1'-0"



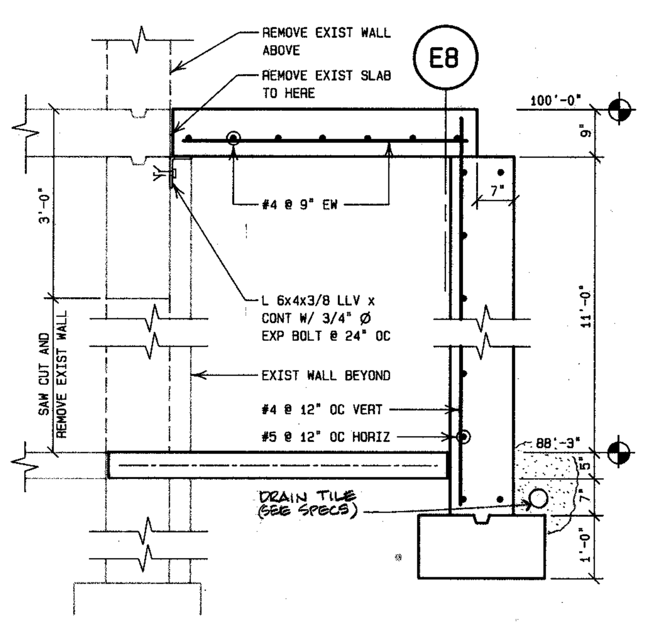
11 S7 SECTION
3/4" = 1'-0"



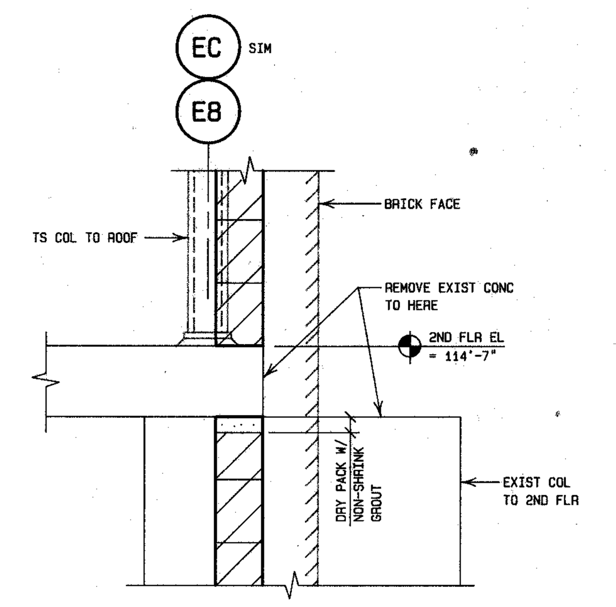
12 S7 WALL SECTION
1/2" = 1'-0"
GRID EB FROM E6 TO E8



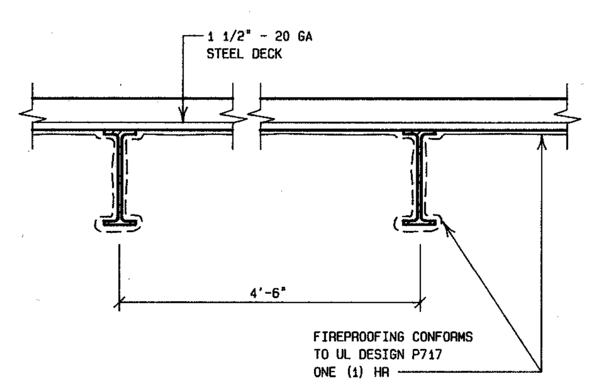
13 S7 WALL SECTION
1/2" = 1'-0"
GRID E8 FROM EB TO EE



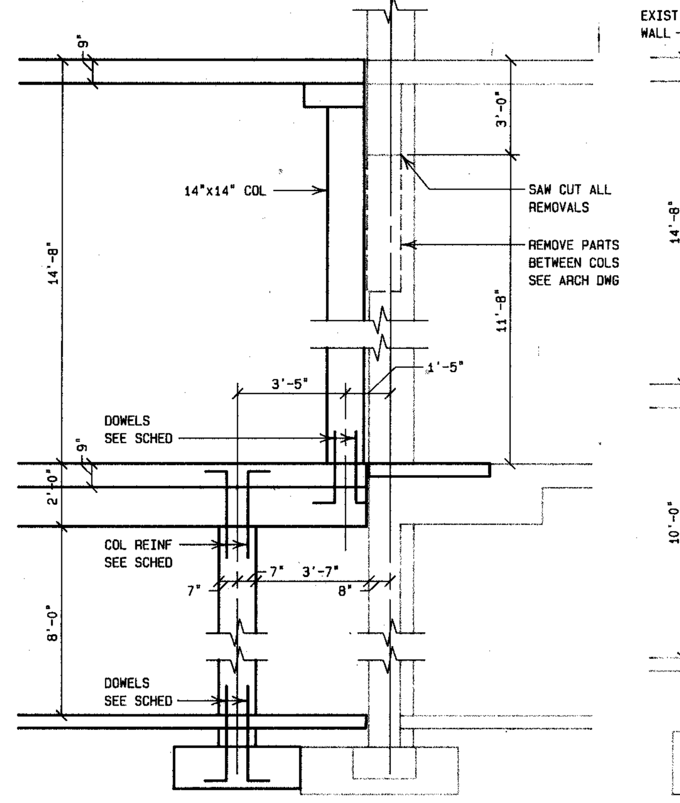
14 S7 WALL SECTION
1/2" = 1'-0"



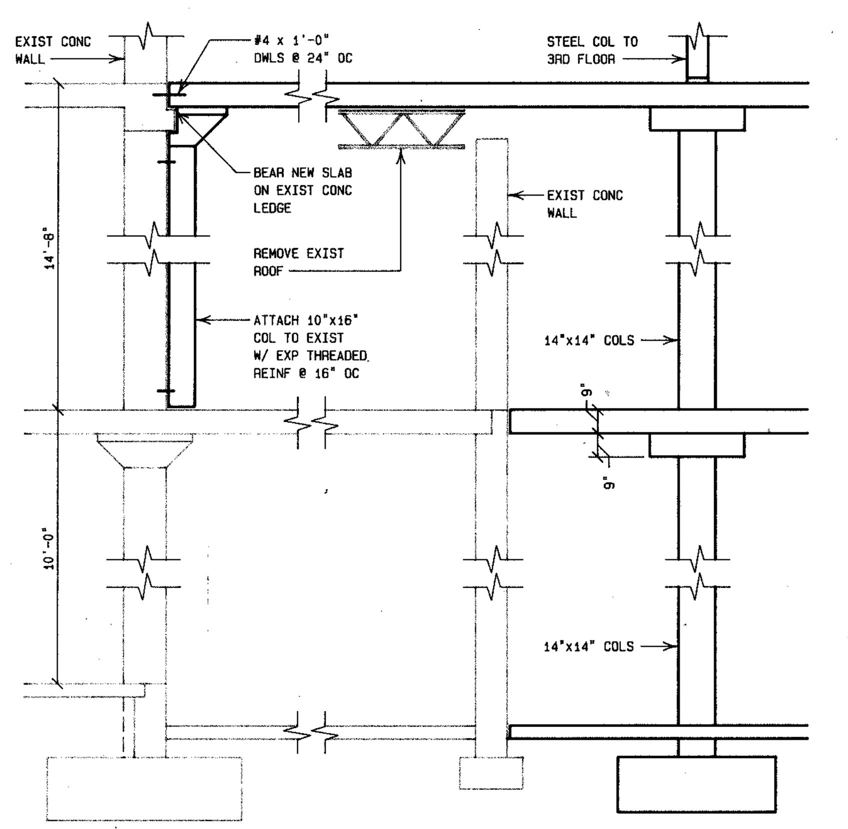
15 S7 SECTION
3/4" = 1'-0"



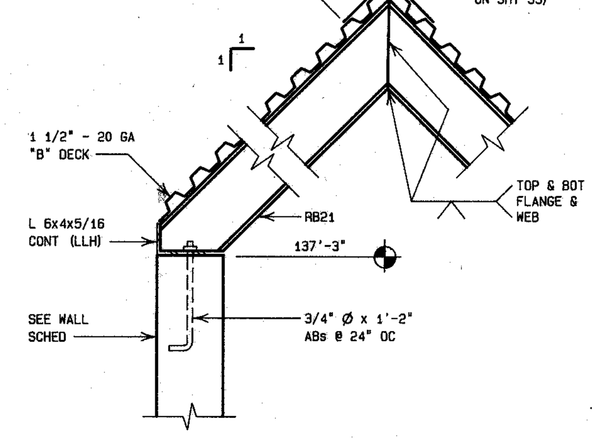
16 S7 TYPICAL ROOF SECTION



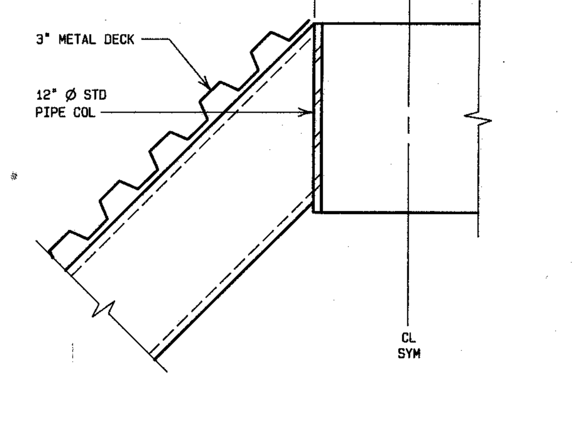
17 S7 SECTION @ GRID E4 AND EB
1/4" = 1'-0"



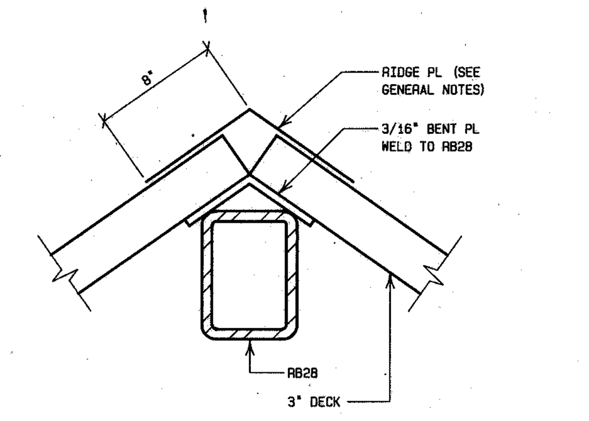
18 S7 SECTION @ GRID EE AND F
3/4" = 1'-0"



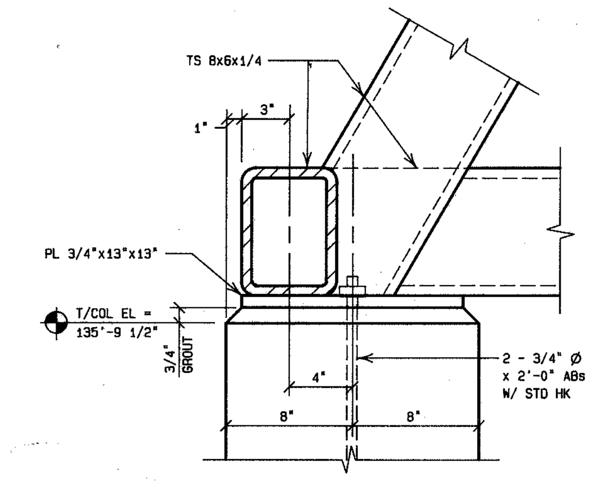
19 S7 BEAM BEARING DETAIL
3/4" = 1'-0"



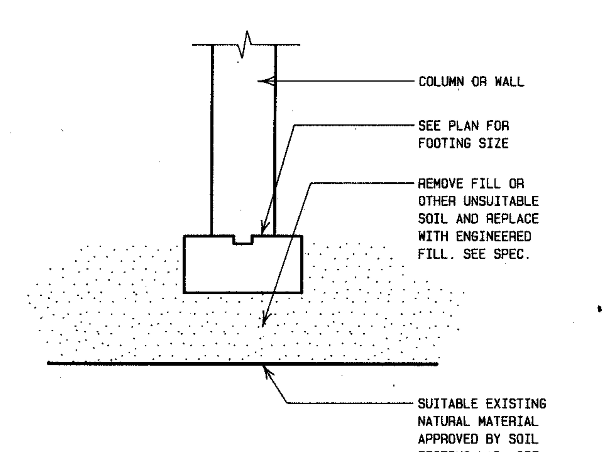
20 S7 BEAM CONNECTION DETAIL
1 1/2" = 1'-0"



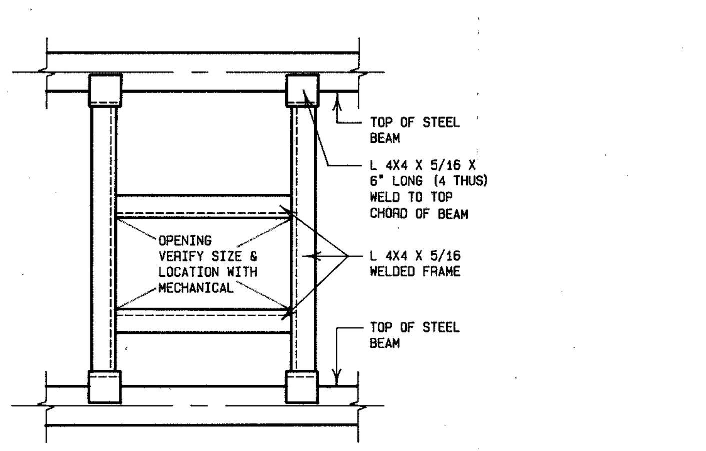
21 S7 DECK BEARING DETAIL
1 1/2" = 1'-0"



22 S7 BEAM BEARING DETAIL
1 1/2" = 1'-0"

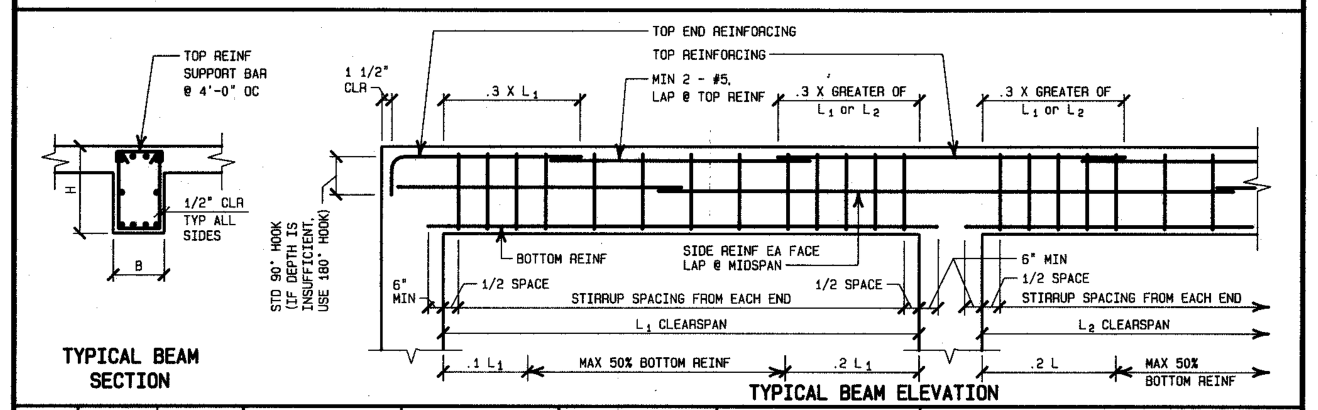


23 S7 COLUMN OR WALL FTG UNDERCUT



24 S7 TYPICAL FRAMING PLAN @ FLOOR/ROOF OPENINGS

CONCRETE BEAM SCHEDULE



MARK	B	H	BOTTOM REINF NUMBER	BOTTOM REINF SIZE	TOP REINF (1) NUMBER	TOP REINF (1) SIZE	SIDE REINF (E.F.) NUMBER	SIDE REINF (E.F.) SIZE	STIRRUPS TYPE	STIRRUPS SIZE	STIRRUPS SPACING	REMARKS
B1	20	24	6	#7	8	#8	1	#4		#4	SEE REMARKS	L_1 = 6" OC, CANT = 4" OC HK TOP REINF @ END OF CANT
B2	22	22	8	#9	2	#5	1	#4		#4	10"	
B3	20	24	8	#8	6	#7	1	#4		#4	10"	
B4	20	40	12	#8	2	#5	1	#4		#4	6 1/2"	DOUBLE STIRRUPS
B5	14	45	14	#8	4	#5	2	#4		#4	12"	DOUBLE STIRRUPS
B6	16	24	4	#7	6	#8	1	#4		#4	SEE REMARKS	L_1 = 10" OC, CANT = 5" OC HK TOP REINF @ END OF CANT
B7	14	24	4	#8	4	#8	1	#4		#4	10"	L 6x6x3/8 W/ 3/4" AB @ 24" OC @ DOOR 044 BEAM TO BE 32" DEEP
B8	14	24	4	#7	FROM B7		1	#4		#4	10"	
B9	14	24	4	#8	4	#6	1	#4		#4	10"	
B10	14	24	4	#6	4	#4	1	#4		#4	10"	
B11	8	24	2	#6	2	#5	1	#4		#3	10"	L 6x6x3/8 W/ 3/4" ABs @ 24" OC CONT GRID F TO GRID EC (2)
B12	8	24	2	#5	2	#5	1	#4		#3	10"	CONT GRID EE TO GRID ED (2)
B13	20	29	4	#7	FROM B7, M14		1	#4		#4	10"	L 6x6x3/8 W/ 3/4" ABs @ 24" OC
B14	20	29	4	#8	4	#9	1	#4		#4	10"	L 6x6x3/8 W/ 3/4" ABs @ 24" OC EXTEND REINF PAST GRID 7.1 TO W11
B15	8	24	2	#8	2	#5	1	#4		#4	8"	LAP TOP BARS CONT @ CORNERS
B16	14	23	4	#8	4	#6	1	#4		#4	10"	
B17	14	23	4	#8	4	#8	1	#4		#4	10"	
B18	14	23	4	#7	FROM B17		1	#4		#4	10"	
B19	14	23	4	#6	4	#4	1	#4		#4	10"	
B20	14	23	4	#7	FROM B17, 21		1	#4		#4	10"	
B21	14	23	4	#8	4	#9	1	#4		#4	10"	ADD 1 - #9 x 7'-0" TOP @ COL 7.1
B22	14	23	4	#7	2	#5	1	#4		#4	10"	ADD 4 - #9 x 10'-0" TOP @ COL F.9
B23	8	55	2	#6	2	#5	3	#4		#4	10"	CONT GRID F TO GRID EC (2)

(1) USE GREATER OF REINF SCHEDULED AT BEAMS EACH SIDE OF COLUMNS.

(2) LAP BOTTOM REINF AT SUPPORTS ONLY. LAP TOP REINF AT MID-SPAN ONLY.

CONCRETE BEARING WALL SCHEDULE

MARK	TO FIRST FLOOR THICKNESS	TO FIRST FLOOR HORIZ REINF	TO FIRST FLOOR VERT REINF	TO SECOND FLOOR THICKNESS	TO SECOND FLOOR HORIZ REINF	TO SECOND FLOOR VERT REINF	TO THIRD FLOOR/ROOF THICKNESS	TO THIRD FLOOR/ROOF HORIZ REINF	TO THIRD FLOOR/ROOF VERT REINF	T/CONC	REMARKS
W1	12 5/8" TO 8"	#4 @ 12"	#4 @ 12"	8"	#4 @ 12"	#4 @ 12"	8"	#4 @ 12"	#4 @ 12"	137'-3"	REINF ON I.F. 1" CL
W2	8"	#4 @ 12"	#4 @ 12"	8"	#4 @ 12"	#4 @ 12"	8"	#4 @ 12"	#4 @ 12"	137'-3"	REINF ON I.F. 1" CL
W3	14 5/8" TO 8"	#4 @ 12"	#4 @ 12"	8"	#4 @ 12"	#4 @ 12"	8"	#4 @ 12"	#4 @ 12"	137'-3"	REINF ON I.F. 1" CL
W4 (1)	18 1/4" TO 8"	#3 @ 8"	#5 @ 12"	8"	#3 @ 12"	#5 @ 12"	8"	#3 @ 12"	#5 @ 12"	128'-4"	2 - #6 AT JAMB
W5 (1)	18 1/4" TO 8"	#3 @ 8"	6 - #7	8"	#3 @ 8"	6 - #6	8"	#3 @ 8"	6 - #5	128'-4"	2 - #6 AT JAMB
W6 (1)	18 1/4" TO 8"	#3 @ 8"	14 - #6 7 EF @ 14"	8"	#3 @ 8"	14 - #5 7 EF @ 14"	8"	#3 @ 8"	14 - #5 7 EF @ 14"	128'-4"	2 - #6 AT JAMB
W7 (2)	14 5/8" TO 8"	#3 @ 8"	#5 @ 12"	--	--	--	--	--	--	--	
W8 (2)	14 5/8" TO 8"	#3 @ 8"	4 - #7	--	--	--	--	--	--	--	
W9	14 5/8" TO 8"	#3 @ 8"	8 - #6 4 EF @ 14"	--	--	--	--	--	--	--	
W10	20"	#4 @ 12"	6 - #5 3 EF	--	--	--	--	--	--	--	INTEGRAL W/ CONC COLS
W11	8" x 20"	#3 @ 12"	4 - #5 2 EF	--	--	--	--	--	--	--	

(1) PROVIDE 3 - #5 CONT IN FOOTING W/ #4 x 2'-6" @ 24" OC TRANSVERSE.

(2) PROVIDE 2 - #5 CONT IN FOOTING.

Project MARATHON COUNTY PUBLIC LIBRARY
WAUSAU, WISCONSIN
L920154

DRAWING DETAILS
DATE JUNE 1993
DRAWN BY A&O
REVISION

ARNOLD AND O'SHERIDAN, INC.
CONSULTING ENGINEERS
815 FORWARD DRIVE MADISON, WISCONSIN 53711
(608) 271-9651 JOB NUMBER 93048 S

HSR ASSOCIATES INC
ARCHITECTURE
ENGINEERING
LA CROSSE AND MADISON WI

S7