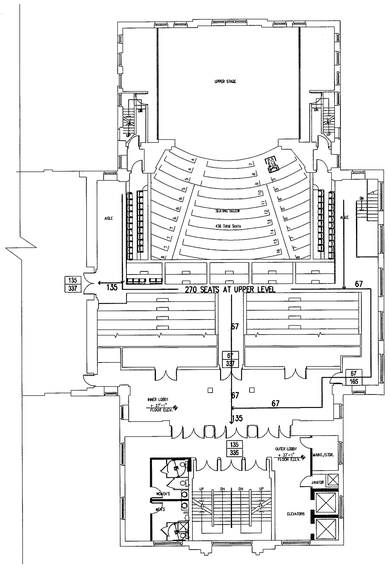
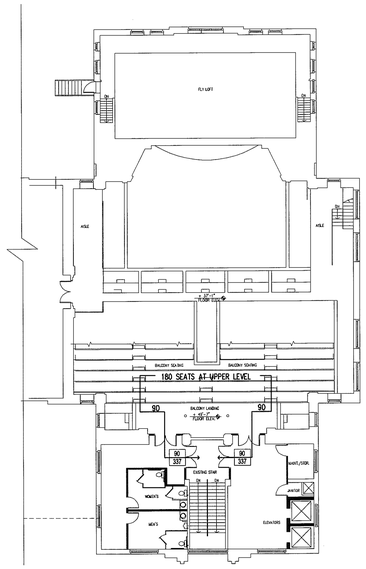


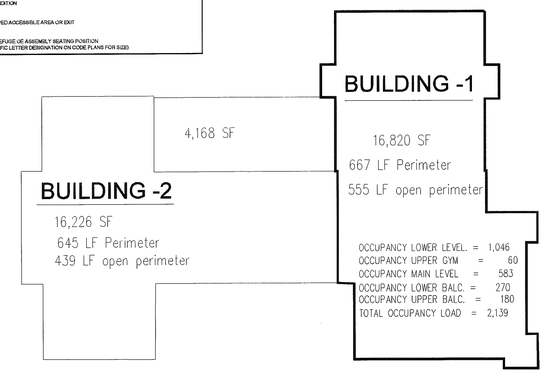
4 LOWER BALCONY LEVEL AUDITORIUM
NOT TO SCALE



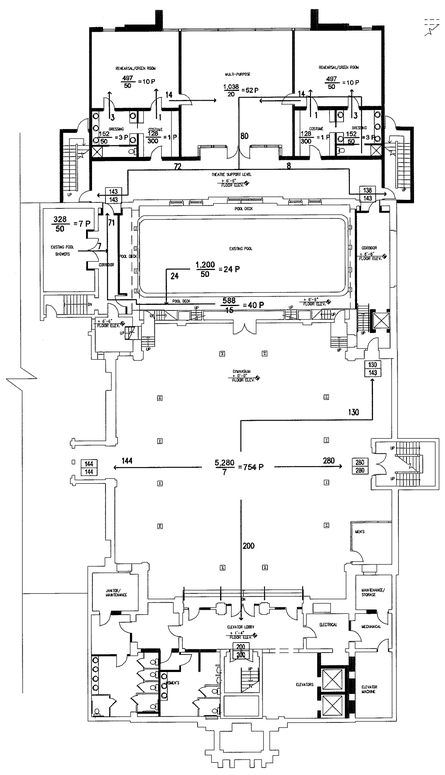
4 UPPER BALCONY LEVEL AUDITORIUM
NOT TO SCALE

EGRESS PLAN LEGEND

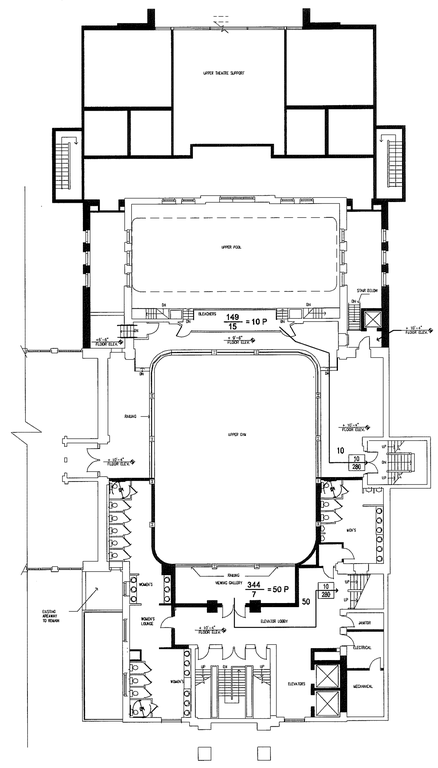
- 101 — ROOM NUMBER
- 270 / 15 = 17P — ROOM OCCUPANCY LOAD / AREA IN SQUARE FEET; OCCUPANCY LOAD FACTOR
- 33 / 165 — EXIT CAPACITY: ACTUAL EGRESS OCCUPANCY OF DOOR OR STAIR / MAXIMUM ALLOWABLE EGRESS OCCUPANCY OF DOOR OR STAIR
- 15 — DIRECTION OF TRAVEL WITH ACCUMULATED OCCUPANCY LOAD
- 145' — MAXIMUM TRAVEL DISTANCE FROM FURTHEST POINT
- 1 HOUR RATED WALL
- 2 HOUR RATED WALL
- SMOKE RESISTANT (TIGHT TO DOOR ABOVE); SMOKE RESISTANT
- FLUSH CONDITION
- HANDICAPPED ACCESSIBLE AREA OR EXIT
- A — AREA OF REFUGE (IE ASSEMBLY SEATING POSITION) (SEE SPECIFIC LETTER DESIGNATION ON CODE PLANS FOR SIZE)



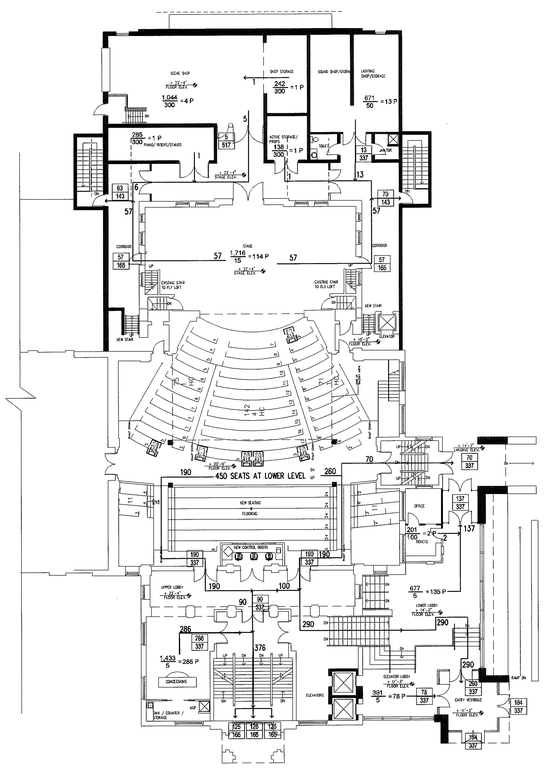
4 KEY PLAN
NOT TO SCALE



4 LOWER LEVEL GYM
NOT TO SCALE



4 UPPER GYM LEVEL
NOT TO SCALE



4 MAIN LEVEL AUDITORIUM
NOT TO SCALE

CODE INFORMATION BUILDING - 1

REVIEW BASED UPON: IBC-2003, with CT Supplement, IPC-2003, NEC 70-2005, IECC-2003, CT FSC-2005, ICC ANSI A117.1-2003

ITEM	REFERENCE	PERMITTED/ REQ'D	PROVIDED	COMMENTS/ CALCULATIONS
1. OCCUPANCY	CHAPTER 3	A-1	A-1	
2. CONSTRUCTION	CHAPTER 6	2-A	2-A	
3. SPRINKLERS	SECTION 903	YES / NO	YES	
PORTABLE FIRE EXTINGUISHERS	SECTION 906	YES / NO	YES	
FIRE ALARM AND DETECTION SYSTEM	SECTION 907	YES / NO	YES	
4. HEIGHT & AREA:	TABLE 503			
HEIGHT IN FEET		65	53	
STORIES		3	4	
SQUARE FEET		15,500	16,820	
HEIGHT MOD. SPRINKLR	SEC. 504, 506	4	4	
AREA MODIFICATION	SEC. 504, 506	55,490	16,820	SEE ALLOWABLE AREA CALCULATIONS THIS SHEET
5. FIRE RESISTANCE RATING FOR CONSTRUCTION TYPE:	TABLE 601			SEE EGRESS PLAN FOR LOCATION OF UL DESIGNATION OF RATED ASSEMBLY
STRUCTURE		1	1	
BEARING WALLS EXTERIOR		1	1	
BEARING WALLS INTERIOR		1	1	
NON BEARING EXTERIOR		0	0	
NON BEARING INTERIOR		1	1	
FLOOR		1	1	
ROOF		1	1	
FIRE SEPARATION DISTANCES	TABLE 602	2	2	
6. OCCUPANCY LOAD	TABLE 1004.1.2		2,139	SEE EGRESS PLAN
7. NUMBER OF EXITS	SECTION 1018	4	7	SEE EGRESS PLAN
BUILDINGS WITH 1 EXIT	TABLE 1018.1	N/A	N/A	
SPACES WITH 1 EXIT	TABLE 1014.1	N/A	N/A	
8. COMMON PATH	PARA. 1013.3	75 FT	69 FT	SEE EGRESS PLAN
9. EXIT ACCESS TRAVEL	TABLE 1015.1	250 FT	156 FT	SEE EGRESS PLAN
10. TOTAL TRAVEL		N/A	N/A	SEE EGRESS PLAN
11. EXIT CAPACITY:		Allowable egress capacity	Actual egress load	SEE EGRESS PLAN
LOWER LEVEL	TABLE 1005.1	1,055	1,046	
UPPER GYM	TABLE 1005.1	480	60	
MAIN LEVEL	TABLE 1005.1	1,860	1,086	
LOWER BALCONY	TABLE 1005.1	717	270	
UPPER BALCONY	TABLE 1005.1	380	180	
COMPONENTS				
STAIRS				.3/OCCUPANT
DOORS				.2/OCCUPANT
12. ELEMENT RATING:				SEE EGRESS PLAN
EXITS	CHAPTER 10	2	2	
EXIT ACCESS CORRIDORS	TABLE 1016.1	0	0	
REMOTENESS	TABLE 1014.2.1	31 LF Min.	46 LF Provided	
13. INTERIOR FINISHES:	TABLE 803.5			
VERT. EXITS & PASSAGES		B	B	
EXIT ACCESS CORRIDORS &		B	B	
OTHER EXIT WAYS		B	B	
ROOMS & ENCLOSED SPACES		C	C	
14. PLUMBING FIXTURE BASED ON TOTAL OCCUPANCY OF 2,174	TABLE 2902.1			
MALE		9	11	
FEMALE		17	19	
UNISEX		1	1	
LAVATORIES		11	39	
15. AREA OF REFUGE	PARA. 1007.6	N/A	N/A	SEE EGRESS PLAN
16. ACCESSIBILITY	CHAPTER 11			
HP PARKING SPACES	SECTION 1106	YES / NO	YES / NO	
VAN		X	X	
CAR		X	X	
PASSENGER LOADING ZONE	PARA 1106.7	YES / NO	YES / NO	
ACCESSIBLE MEANS OF EGRESS	SECTION 1007			
OTHER FEATURES	SECTION 1109			
TOILET & BATHING FACILITIES	PARA 1109.2	YES / NO	YES / NO	
UNISEX TOILET	PARA 1109.2.1	YES / NO	YES / NO	
SIGNAGE	SECTION 1110	YES	YES	
17. INTERIOR ENVIRONMENT	CHAPTER 12			
INTERIOR SPACE DIMENSIONS	SECTION 1208			
ACCESS TO UNOCCUPIED SPACES	SECTION 1209			
18. ENERGY	IECC	CONDITION	VALUE	
(COMMERCIAL)	DRY BULB	WINTER	X	
		SUMMER	X	
	WET BULB	SUMMER	X	OBTAIN FROM HVAC DESIGNER
	DEGREE DAYS	HEATING	X	
		COOLING	X	
	FIGURE 902.1(7)	CLIMATE ZONE	X	
19. BUILDING ENVELOPE (COMMERCIAL)	REFERENCE	REQ'D	PROVIDED	COMMENTS
	IECC 102.5 802.2(XX)	U FACTOR R VALUE	U FACTOR R VALUE	SELECT TABLE MATCHING CLIMATE ZONE
SLAB OR BELOW GRADE		X	X	
WINDOWS/ GLASS DOORS		X	X	SELECT PF
ROOF ASSEMBLY		X	X	SELECT ASSEMBLY FROM LIST
FLOORS OVER OUTDOOR OR UNCONDITIONED SPACE		X	X	SELECT ASSEMBLY FROM LIST
ABOVE GRADE WALLS		X	X	SELECT ASSEMBLY FROM LIST
20. MODIFICATIONS	DATE:	DISCRIPTION		

PLUMBING FIXTURES CALCULATIONS REQUIRED.

ASSEMBLY OCCUPANCY = 2,139 PERSONS.

2,139 PERSONS = 1,070 MALE AND 1,070 FEMALES.

WATER CLOSETS REQUIREMENTS

FEMALES = 1 / 65 = 1,070 / 65 = 17.

MALES = 1 / 125 = 1,087 / 125 = 9.

LAVATORIES = 1 / 200 = 2,139 / 200 = 11.

AREA MODIFICATION

Street frontage increase

$If = 100 \left[\frac{F}{P} - .25\right] \frac{W}{30}$

$If = 100 \left[\frac{555}{667} - .25\right] \frac{30}{30}$

If = 100 (.83 - .25)

If = 58 percent

Allowable Floor Area:

$Aa = At + \left[\frac{At\ If}{100}\right] + \left[\frac{At\ Ir}{100}\right]$

$Aa = 15{,}500 + \left[\frac{15{,}500 \times 58}{100}\right] + \left[\frac{15{,}500 \times 200}{100}\right]$

$Aa = 15{,}500 + \left[8{,}990\right] + \left[31{,}000\right]$

Aa = 55,490 sf

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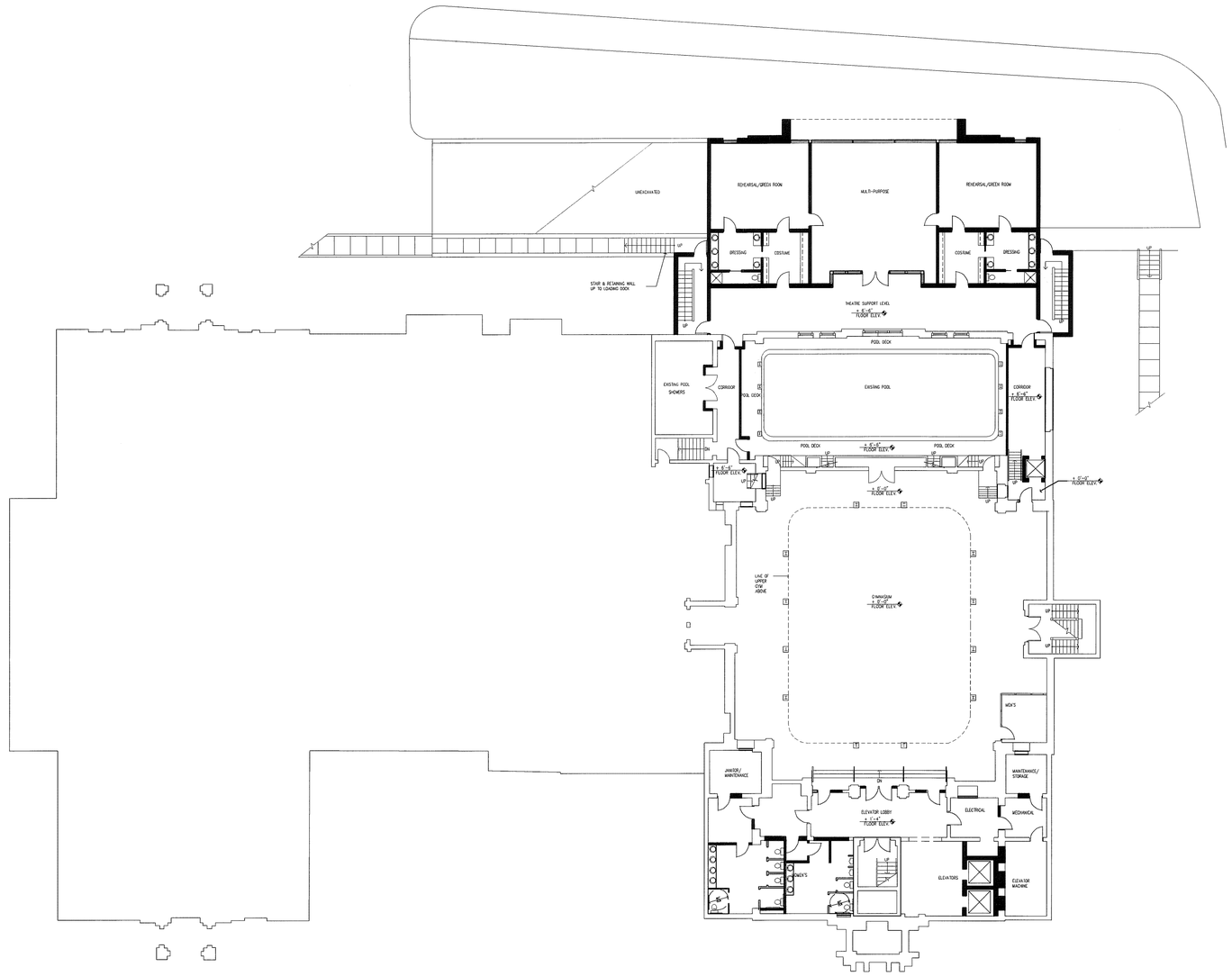
Memorial Boulevard Theatre Date: Set

Additions and Renovations:
Memorial Boulevard Theatre
70 Memorial Boulevard
Bristol, Connecticut

Project: 07148.00
Initials: MPS
Date: 11-20-2008
Revisions:

SCALE: NTS

A-1



1 NEW LOWER GYM LEVEL/PERFORMANCE SUPPORT
1/16" = 1'-0"

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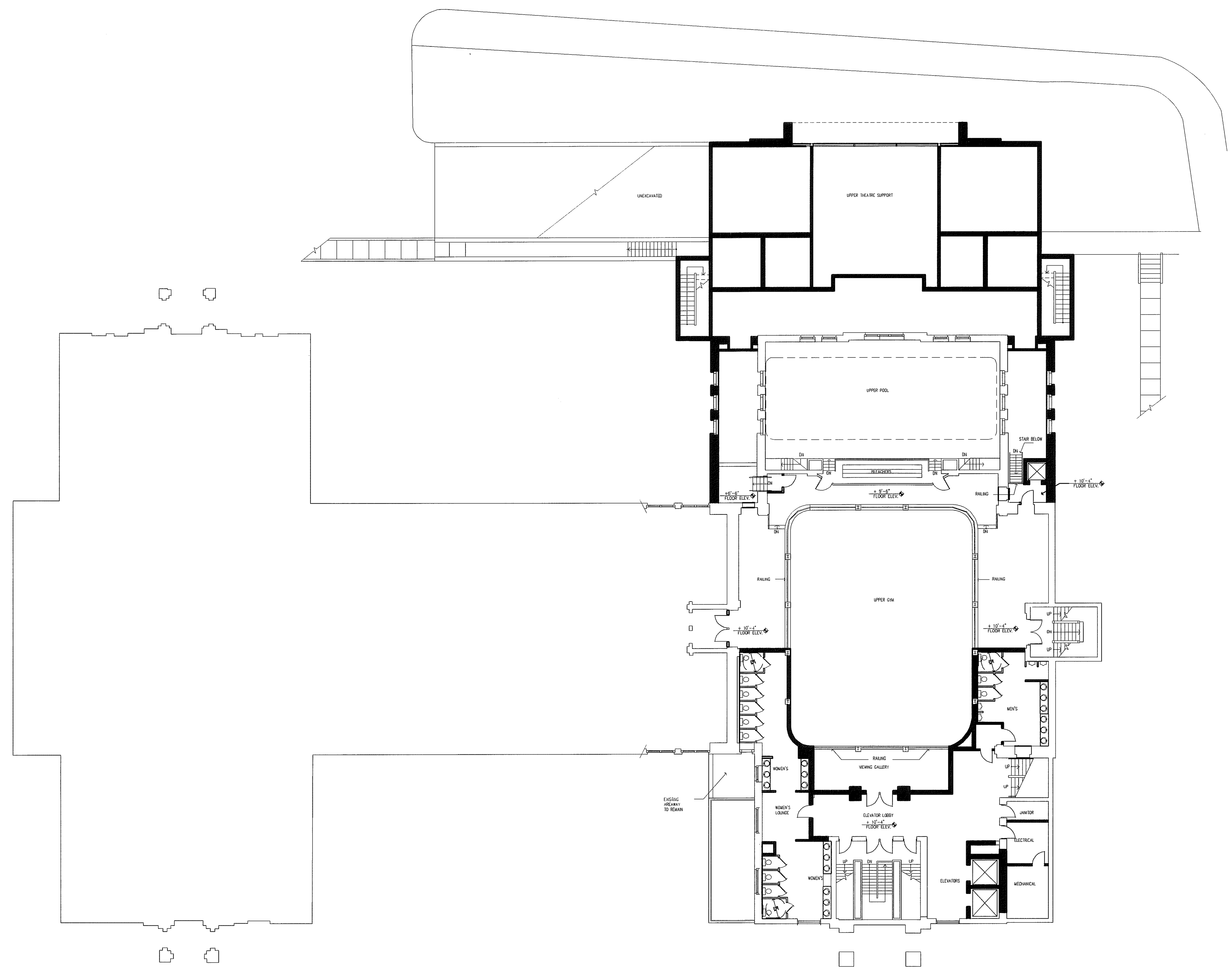
Date: 11-20-2008
Revisions:

SCALE: 1/16" = 1'-0"

A-2

Memorial Boulevard Theatre Date: Set



2 NEW UPPER GYM LEVEL/THEATRE SUPPORT
1/16" = 1'-0"

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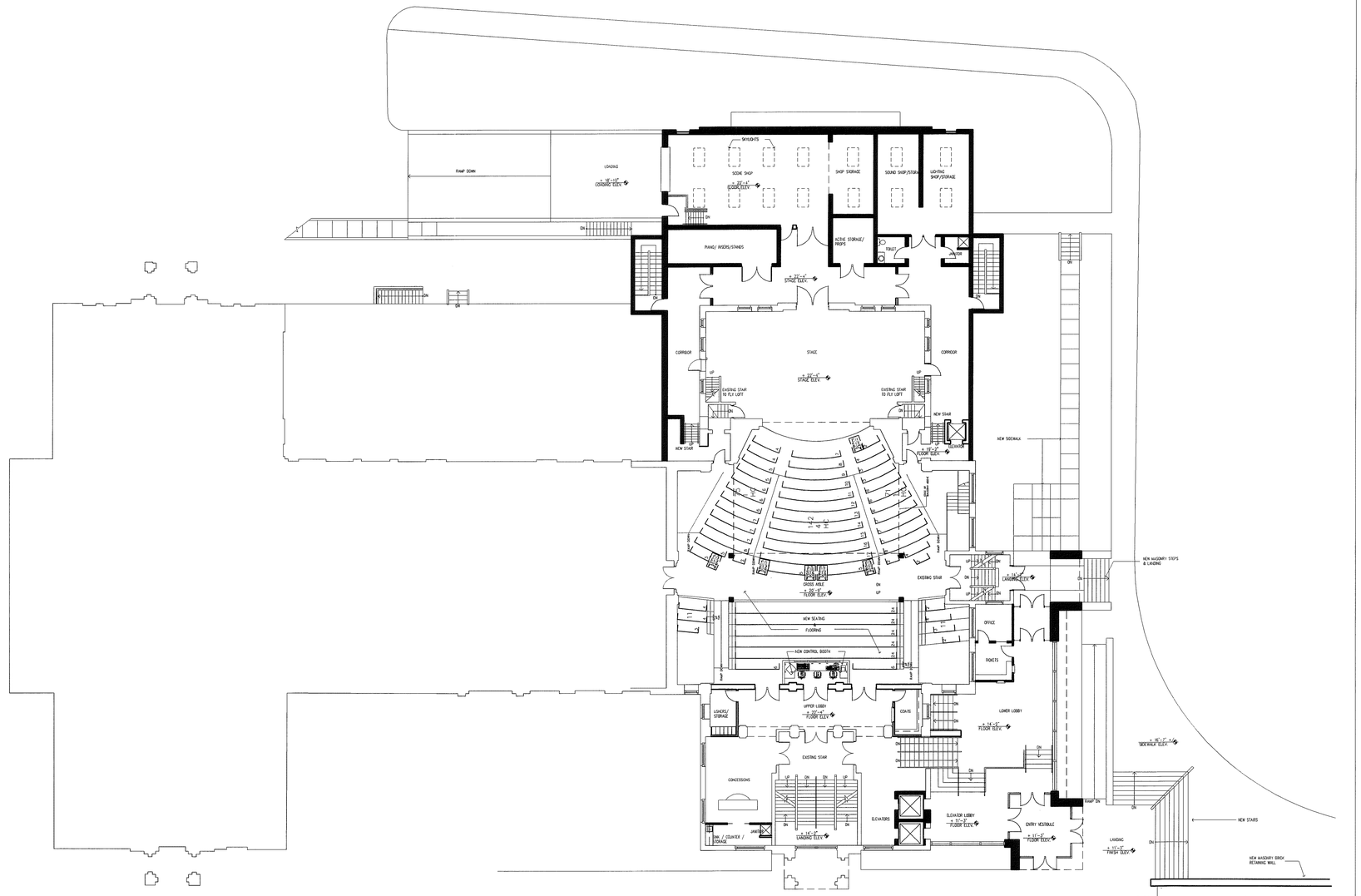
Revisions:

SCALE: 1/16" = 1'-0"

A-3



3 MAIN ENTRY / AUDITORIUM
1/16" = 1'-0"

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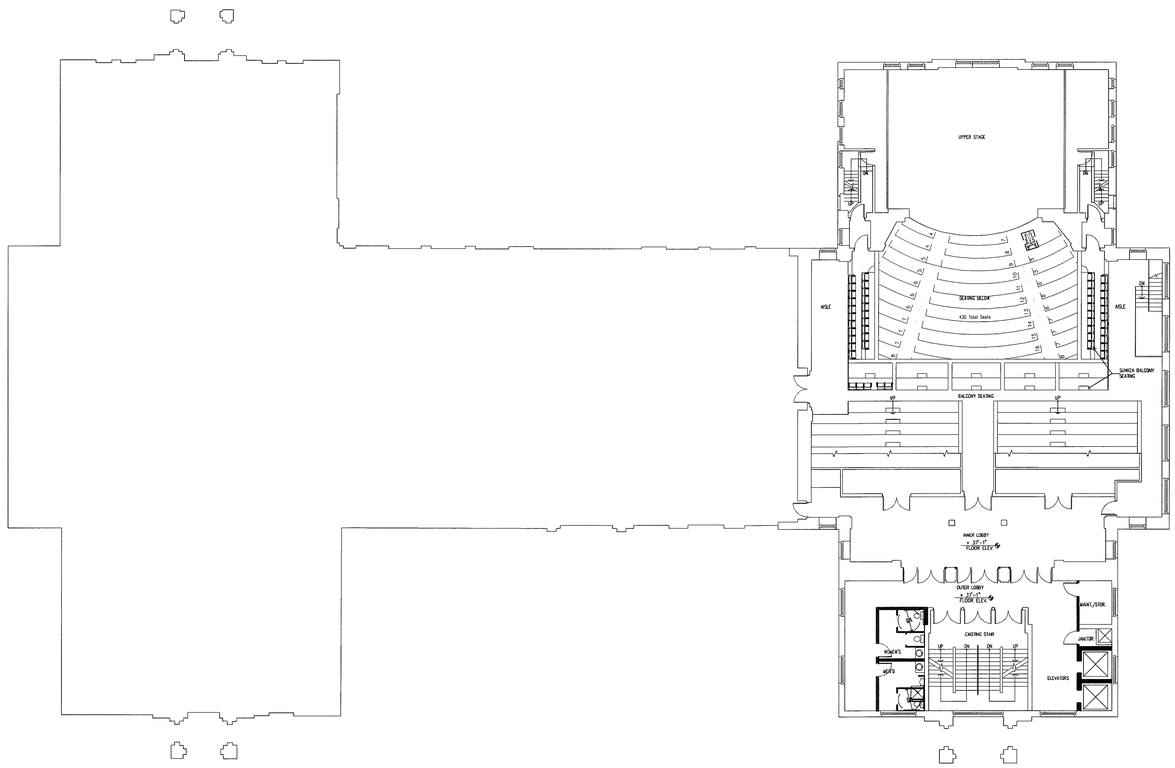
SCALE: 1/16" = 1'-0"

A-4



4 LOWER BALCONY LEVEL AUDITORIUM
1/16" = 1'-0"

Memorial Boulevard Theatre Date: Set

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SCALE: 1/16" = 1'-0"

A-5

5 UPPER BALCONY LEVEL AUDITORIUM
1/16" = 1'-0"

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Date: 11-20-2008
Revisions:

SACLE: 1/16" = 1'0"

A-6

Memorial Boulevard Theatre Date: Set

3 NORTH ELEVATION
3/32" = 1'-0"

Memorial Boulevard Theatre Date: Set

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SACLE: 3/32" = 1'0"

A-7

1 EAST ELEVATION
3/32" = 1'-0"

2 WEST ELEVATION
3/32" = 1'-0"

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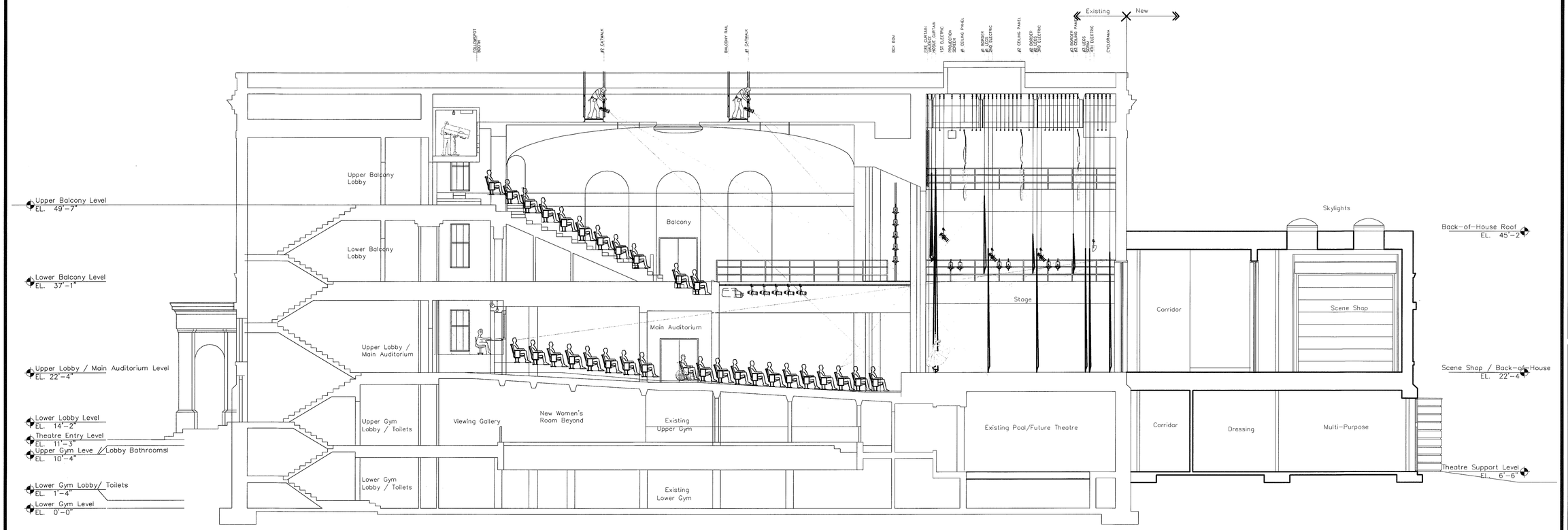
Revisions:

SACLE: 3/32" = 1'0"

A-8

Memorial Boulevard Theatre Date: Set



1 THEATRE SECTION
SCALE: 1/8" = 1'-0"

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T 718 788 0588
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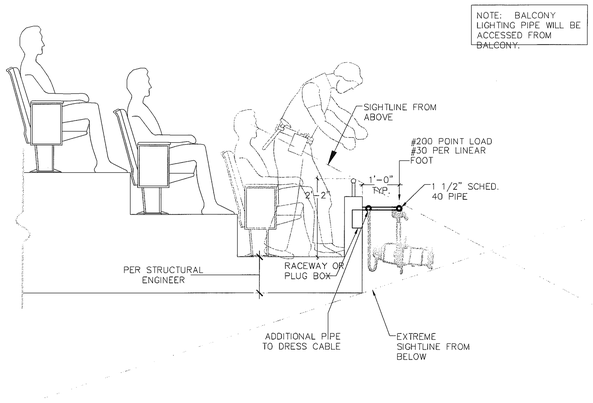
Revisions:

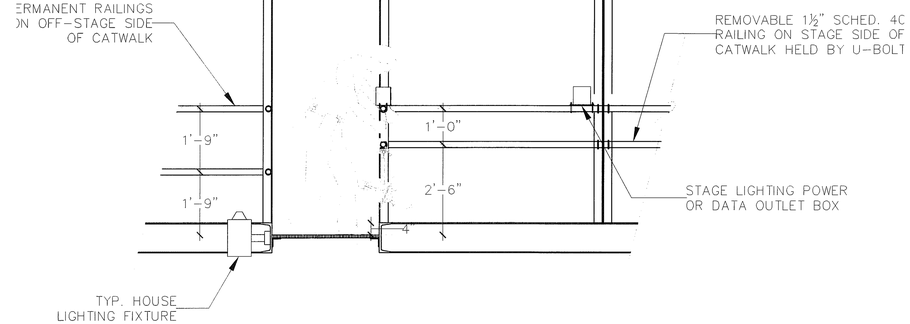
SCALE: 1/8" = 1'-0"

A-9

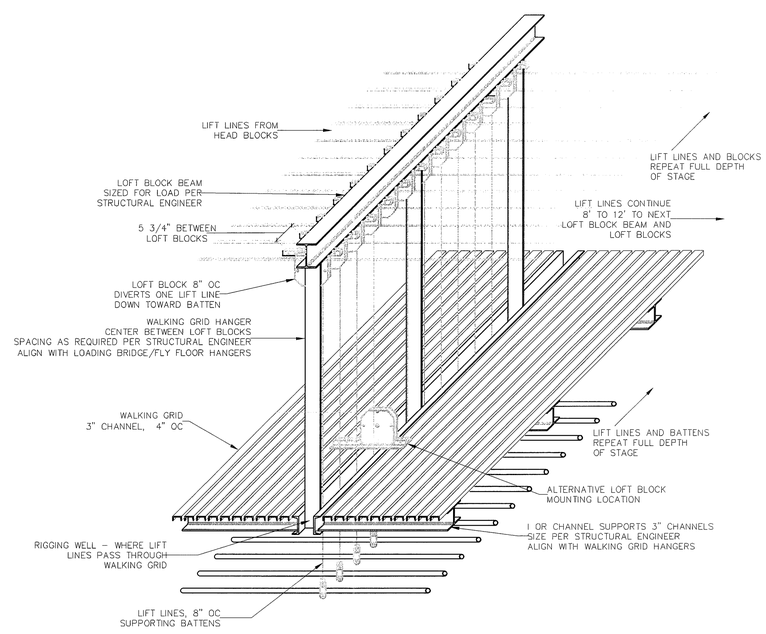
Memorial Boulevard Theatre Date: Set



1 TYPICAL BALCONY RAIL LIGHTING POSITION
SCALE: 1/2" = 1'-0"



2 TYPICAL CATWALK LIGHTING POSITION
SCALE: 1/2" = 1'-0"



3 WALKING GRID ISOMETRIC
SCALE: 1/2" = 1'-0"

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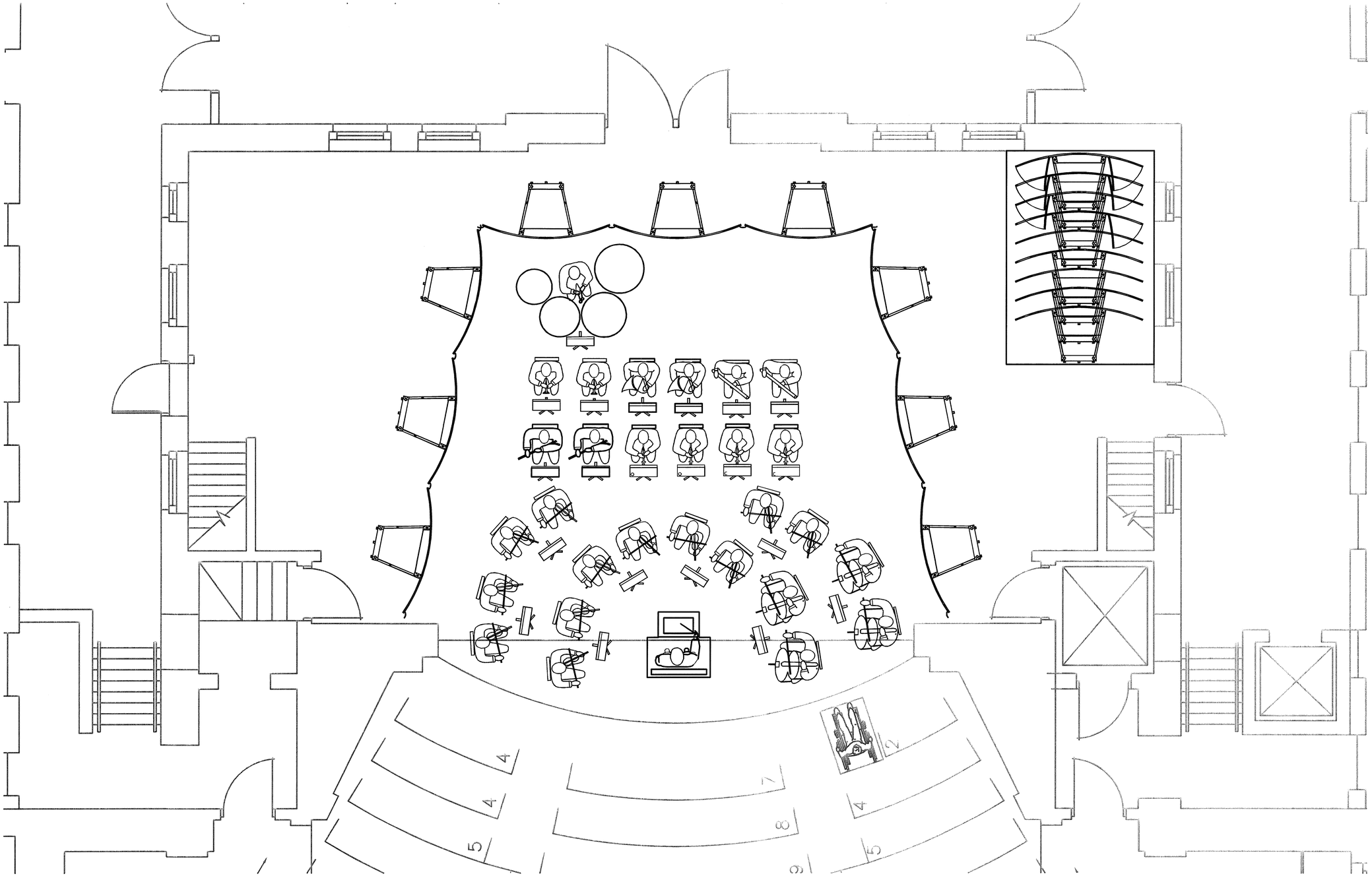
SCALE: 1/2" = 1'-0"

A-10

Memorial Boulevard Theatre Date: Set



DRAWING	SCALE	DATE	PROJECT	
SK-01	1/8"=1'	10OCT08	**Memorial Boulevard Theater**	**JaffeHolden**
	PROJ# 08-0039	BY MAW	TITLE Conceptual Orchestra Shell Layout - Plan Chamber Orchestra	114-A Washington St., Norwalk, CT 06854 T: (203) 838.4167 / F: (203) 838.4168 1453 3rd St. Prom., Santa Monica, CA 90401 T: (310) 319.1333 / F: (310) 319.1344 JaffeHolden.com

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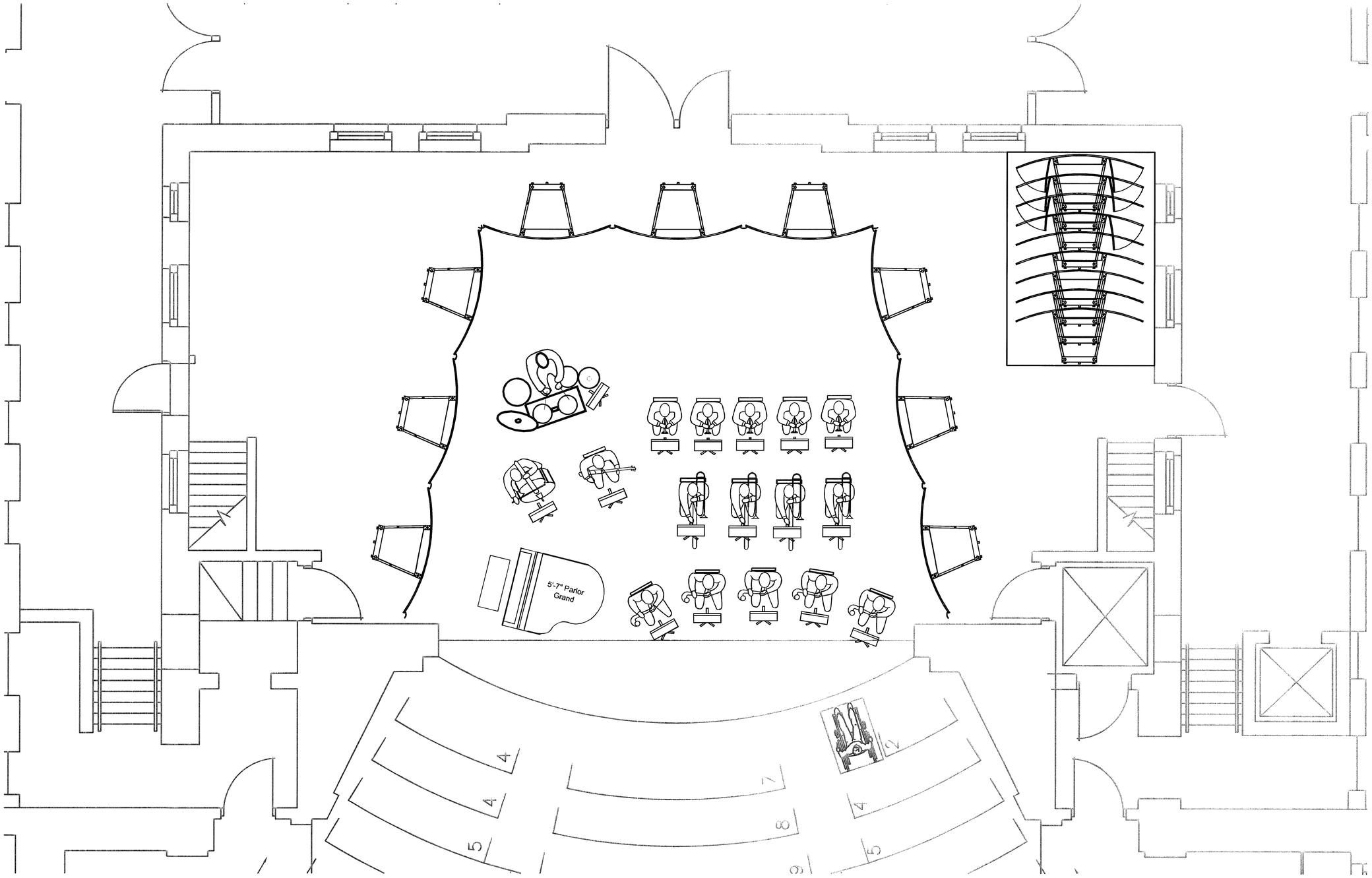

DRAWING	SCALE	DATE	PROJECT	
SK-02	1/8"=1'	10OCT08	**Memorial Boulevard Theater**	**JaffeHolden**
	PROJ# 08-0039	BY MAW	TITLE Conceptual Orchestra Shell Layout - Plan Big Band	114-A Washington St., Norwalk, CT 06854 T: (203) 838.4167 / F: (203) 838.4168 1453 3rd St. Prom., Santa Monica, CA 90401 T: (310) 319.1333 / F: (310) 319.1344 JaffeHolden.com

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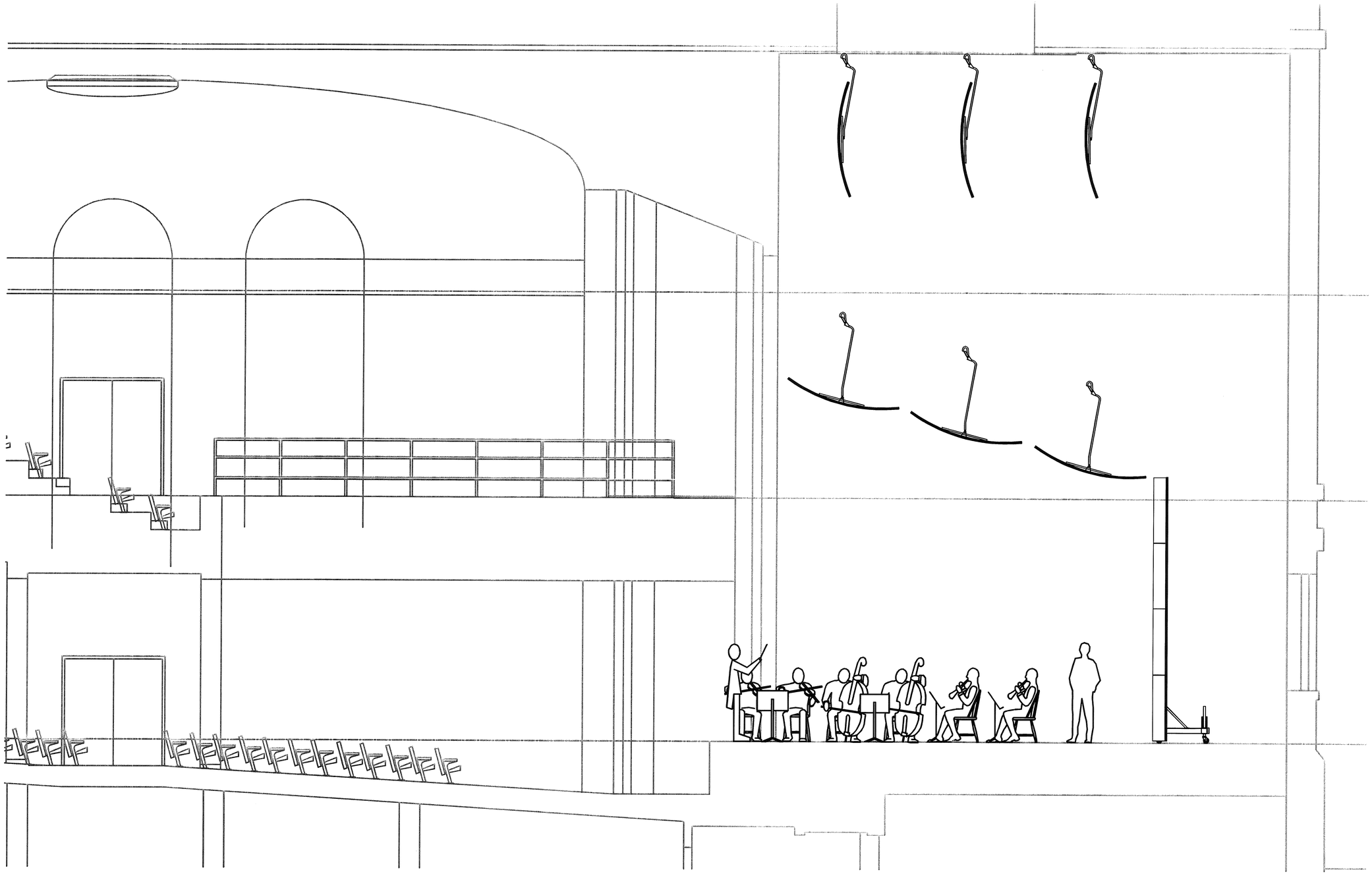

DRAWING	SCALE	DATE	PROJECT	
SK-03	1/8"=1'	10OCT08	**Memorial Boulevard Theater**	**JaffeHolden**
	PROJ# 08-0039	BY MAW	TITLE Conceptual Orchestra Shell Layout - Section Chamber Orchestra	114-A Washington St., Norwalk, CT 06854 T: (203) 838.4167 / F: (203) 838.4168 1453 3rd St. Prom., Santa Monica, CA 90401 T: (310) 319.1333 / F: (310) 319.1344 JaffeHolden.com

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Memorial Boulevard Theatre Date: Set

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(860) 633-8241

Additions and Renovations:
Memorial Boulevard Theatre
70 Memorial Boulevard
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Project: 07148.00
Initials: PAR
Date: 10-30-08
Revisions:

LAYOUT PLAN

C-1.0

Memorial Boulevard Theatre Date: Set

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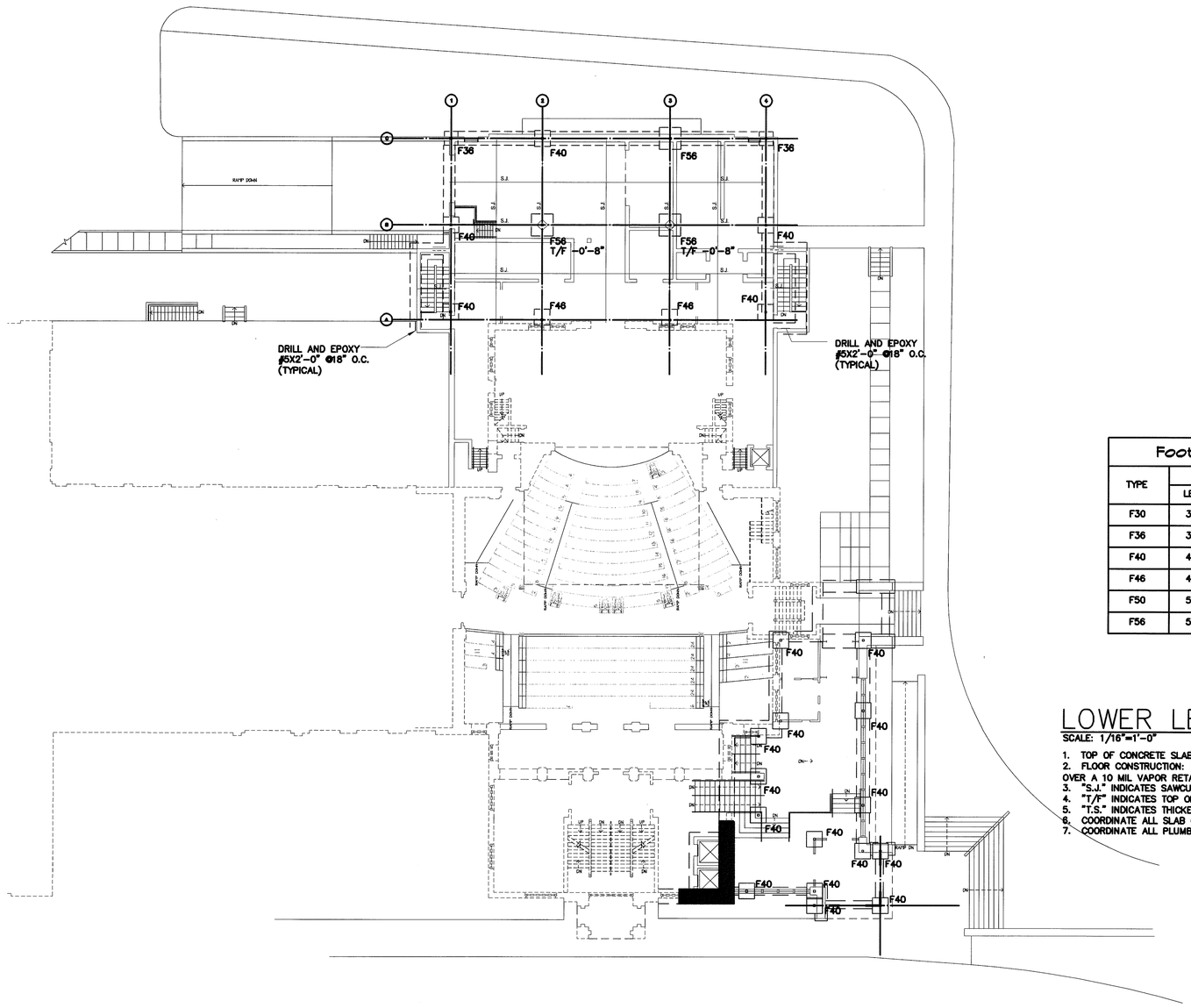
Revisions:

UTILITIES PLAN

C-2.0



Footing Schedule (2 Tons/SF)			
TYPE	FOOTING SIZE		BOTTOM REINFORCING (3" CLR FROM BOTTOM)
	LENGTH X WIDTH	DEPTH	
F30	3'-0" x 3'-0"	1'-3"	(4)-#4 Each way
F36	3'-6" x 3'-6"	1'-3"	(4)-#4 Each way
F40	4'-0" x 4'-0"	1'-3"	(5)-#5 Each way
F46	4'-6" x 4'-6"	1'-3"	(6)-#5 Each way
F50	5'-0" x 5'-0"	1'-6"	(7)-#5 Each way
F56	5'-6" x 5'-6"	1'-6"	(9)-#5 Each way

LOWER LEVEL and FOUNDATION PLAN

SCALE: 1/16"=1'-0"

1. TOP OF CONCRETE SLAB ELEVATION= 0'-0" UNLESS OTHERWISE NOTED
2. FLOOR CONSTRUCTION: 5" CONCRETE SLAB REINF. WITH 6X6-W2.9XW2.9 W.W.F. (CHAIRED) OVER A OVER A 10 MIL VAPOR RETARDER OVER A MINIMUM OF 12" LAYER OF COMPACTED 3/4" STONE.
3. "S.J." INDICATES SAWCUT CONTROL JOINT, REFER TO TYPICAL DETAILS.
4. "T/F" INDICATES TOP OF FOOTING ELEVATION FROM ELEVATION 0'-0".
5. "T.S." INDICATES THICKENED SLAB BELOW MASONRY. REFER TO TYPICAL DETAILS.
6. COORDINATE ALL SLAB ON GRADE DEPRESSIONS WITH ARCH'L DRAWINGS.
7. COORDINATE ALL PLUMBING INVERTS AND LOCATIONS WITH PLUMBING & SITE DRAWINGS

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Consulting Engineers
131 Hartford Street
New Britain, Connecticut 06051
(203) 491-9600 • (203) 491-0066 Fax

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70 Memorial Boulevard
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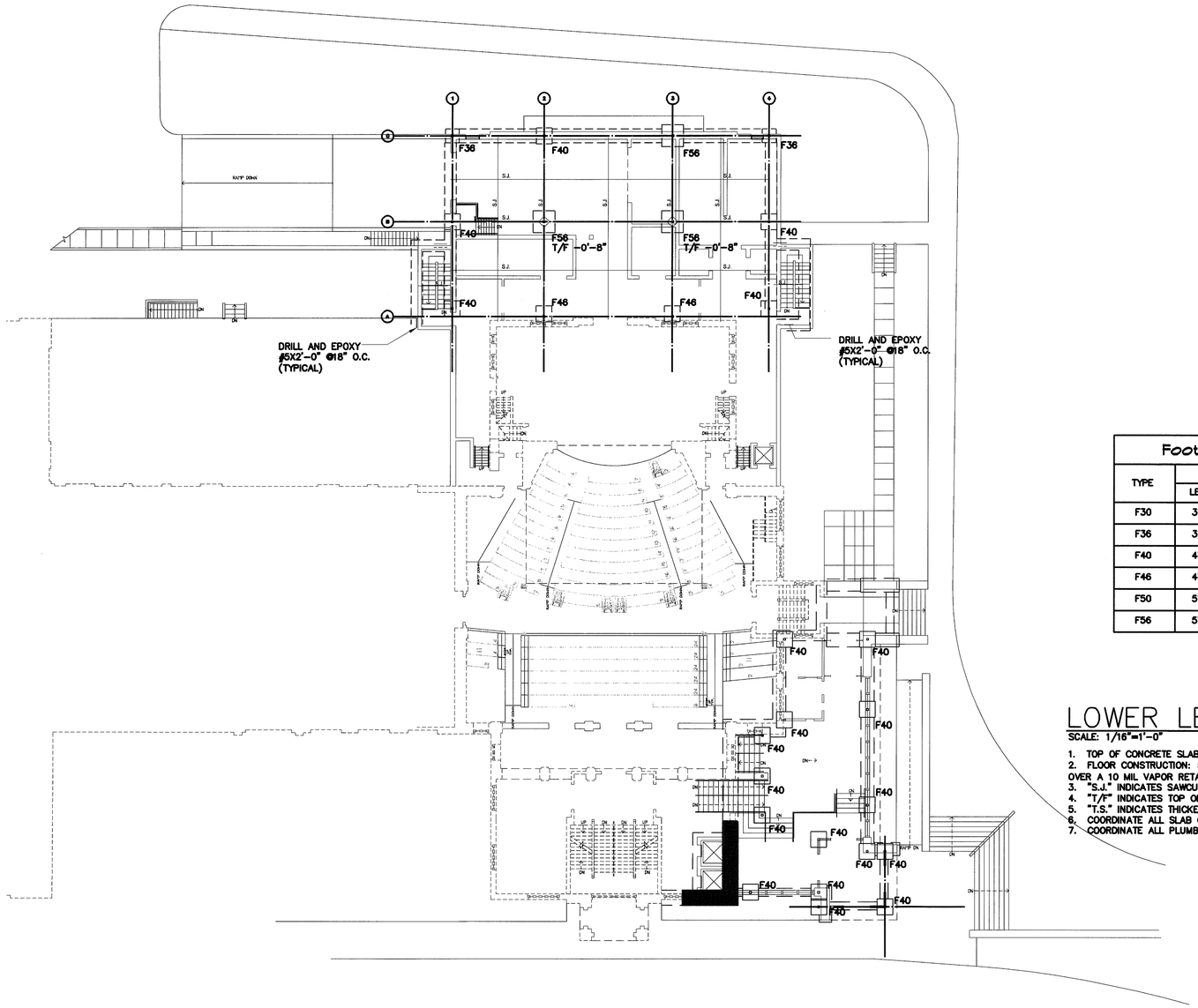
Revisions:

S-1.0



Footing Schedule (2 Tons/SF)			
TYPE	FOOTING SIZE		BOTTOM REINFORCING (3" CLR FROM BOTTOM)
	LENGTH X WIDTH	DEPTH	
F30	3'-0" x 3'-0"	1'-3"	(4)-#4 Each way
F36	3'-6" x 3'-6"	1'-3"	(4)-#4 Each way
F40	4'-0" x 4'-0"	1'-3"	(5)-#5 Each way
F46	4'-6" x 4'-6"	1'-3"	(6)-#5 Each way
F50	5'-0" x 5'-0"	1'-6"	(7)-#5 Each way
F56	5'-6" x 5'-6"	1'-6"	(9)-#5 Each way

LOWER LEVEL and FOUNDATION PLAN

SCALE: 1/16"=1'-0"

1. TOP OF CONCRETE SLAB ELEVATION= 0'-0" UNLESS OTHERWISE NOTED
2. FLOOR CONSTRUCTION: 5" CONCRETE SLAB REINF. WITH 6X6-W2.9XW2.9 W.W.F. (CHAIRED) OVER A OVER A 10 MIL VAPOR RETARDER OVER A MINIMUM OF 12" LAYER OF COMPACTED 3/4" STONE.
3. "S.J." INDICATES SAWCUT CONTROL JOINT, REFER TO TYPICAL DETAILS.
4. "T/F" INDICATES TOP OF FOOTING ELEVATION FROM ELEVATION 0'-0".
5. "T.S." INDICATES THICKENED SLAB BELOW MASONRY. REFER TO TYPICAL DETAILS.
6. COORDINATE ALL SLAB ON GRADE DEPRESSIONS WITH ARCH'L DRAWINGS.
7. COORDINATE ALL PLUMBING INVERTS AND LOCATIONS WITH PLUMBING & SITE DRAWINGS

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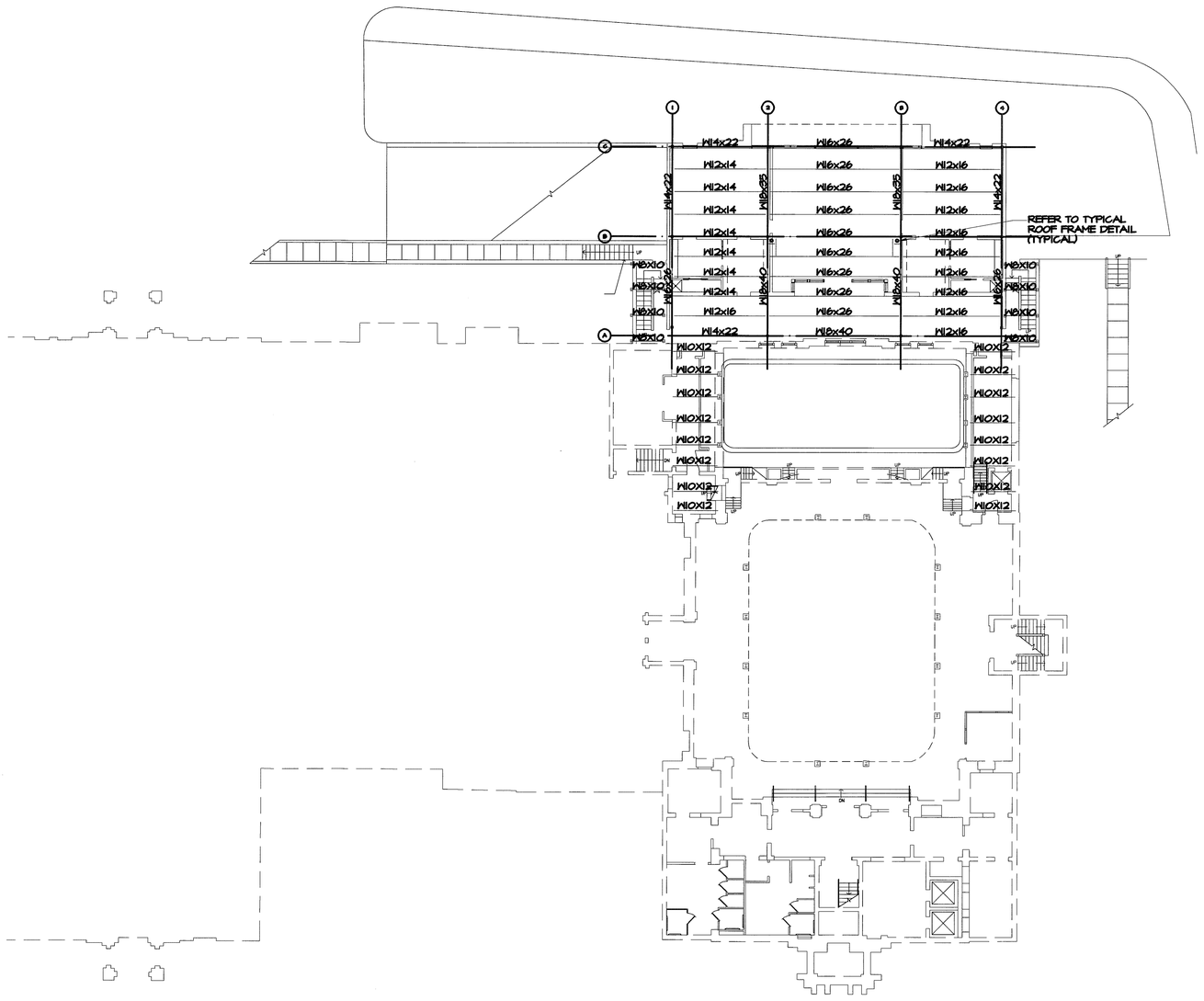

ROOF FRAMING PLAN

SCALE: 1/16"=1'-0"

1. WORKING POINT ELEVATION GIVEN ON PLAN IS TO THE UNDERSIDE OF ROOF DECK. ELEVATION (XX'-XX") IS FROM FIRST FLOOR DATUM.
2. ROOF CONSTRUCTION: 1 1/2"dp. " DP., 20 GA, GALV METAL ROOF DECK. REFER TO SPECIFICATION FOR FASTENING REQUIREMENTS.

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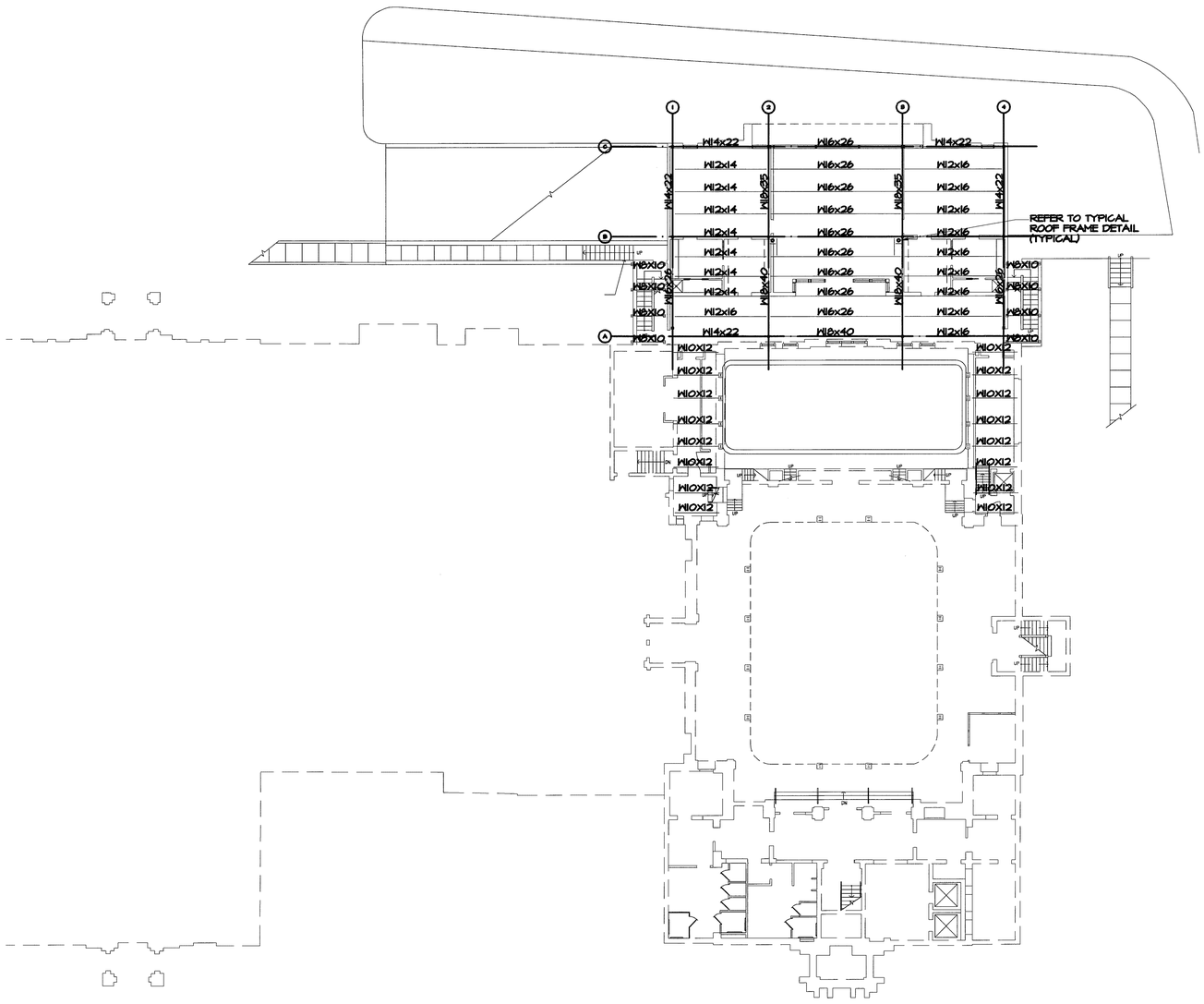

ROOF FRAMING PLAN

SCALE: 1/16"=1'-0"

1. WORKING POINT ELEVATION GIVEN ON PLAN IS TO THE UNDERSIDE OF ROOF DECK. ELEVATION (XX'-XX") IS FROM FIRST FLOOR DATUM.
2. ROOF CONSTRUCTION: 1 1/2"dp. " DP., 20 GA, GALV METAL ROOF DECK. REFER TO SPECIFICATION FOR FASTENING REQUIREMENTS.

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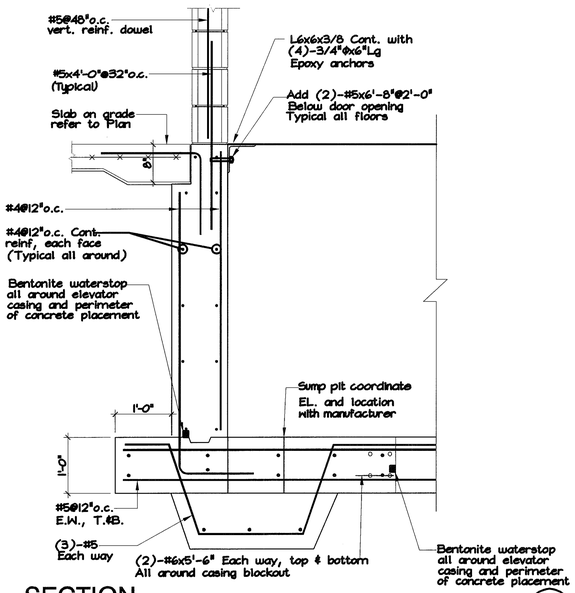
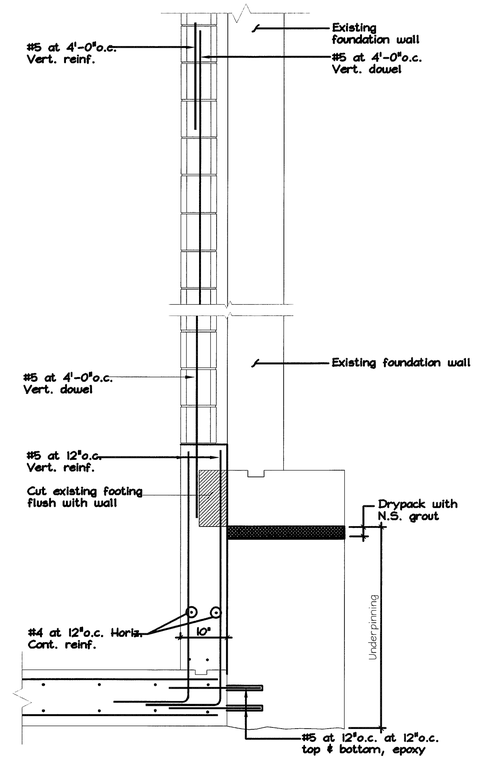


SECTION
Scale: 3/4"=1'-0"



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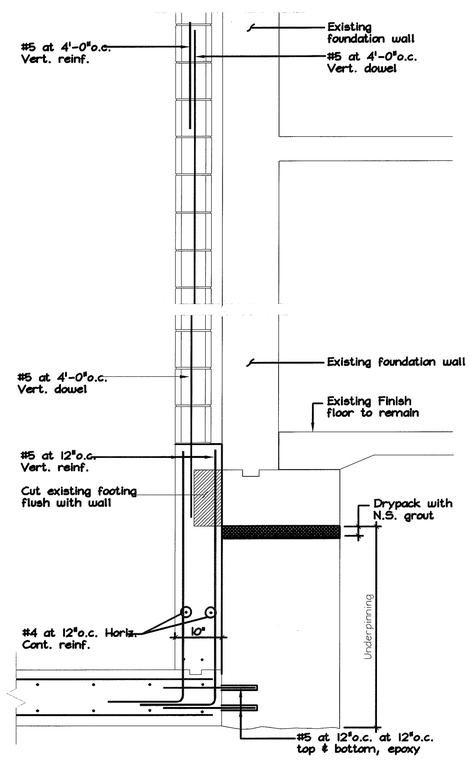

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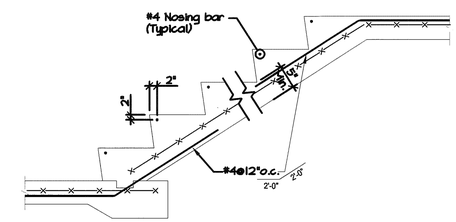

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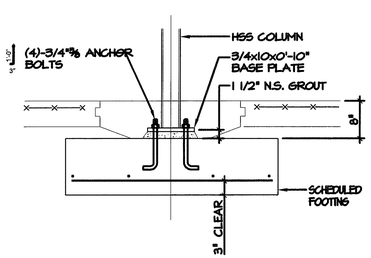
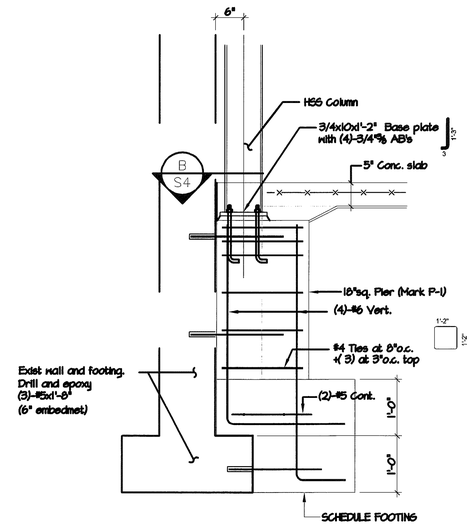
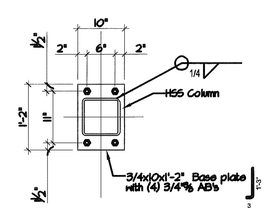


TYPICAL INTERIOR COLUMN
Scale: 3/4"=1'-0"



Typical Existing Wall Pier Detail
Scale: 3/4"=1'-0"



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

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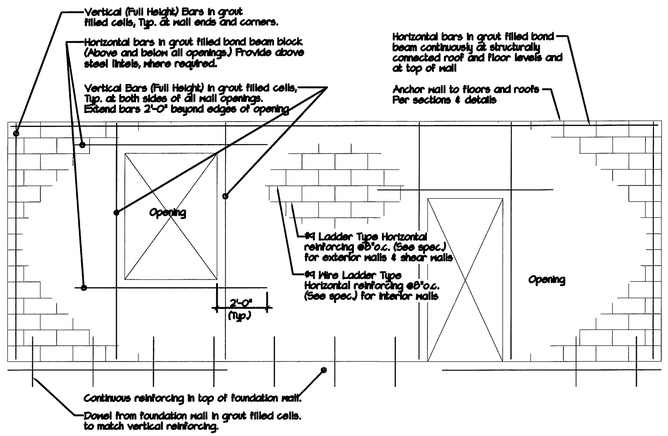
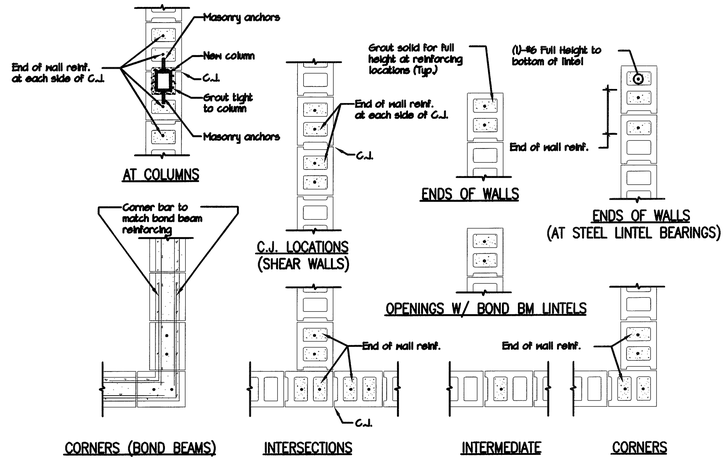


Typical CMU Wall Reinforcement Detail

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

Note: Refer to Concrete Masonry General Notes on Drawing for wall reinforcing requirements.

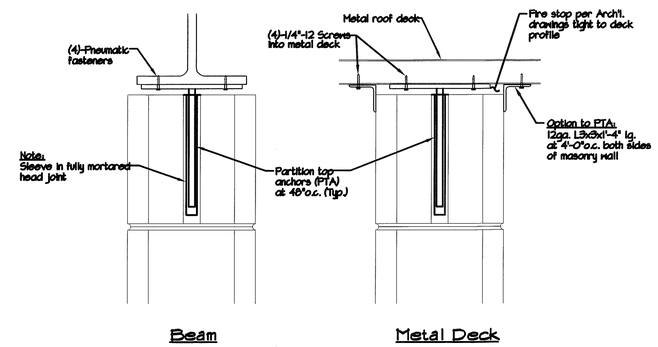


Typical CMU Reinforcing Plan Details

NOT TO SCALE

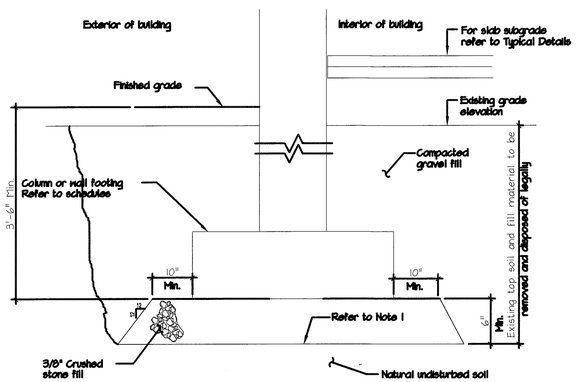
Notes: Reinforcing details apply to all CMU walls. For actual reinforcing requirements, refer to the General Notes on Drawings

Provide dowels from concrete foundations to CMU wall above. Size and number to match reinforcing.



Typical Top of Wall Masonry Anchorage to Steel

Note: Applies to interior walls only.

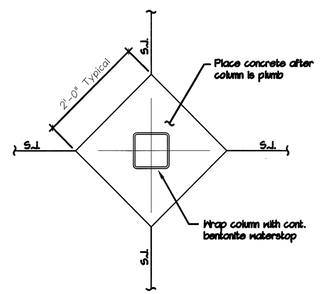


Typical Footing Detail on Existing Natural Soils

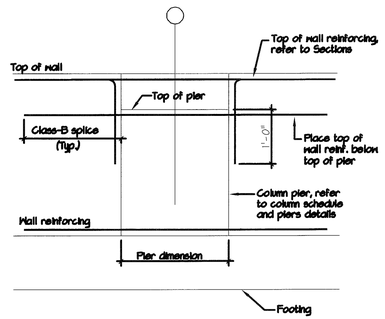
Not to scale

Notes:

1. Surficially compact existing subgrade to at least 95% of modified optimum density with a vibratory roller having a static weight of 10 tons, prior to placing controlled fill.
2. Refer to geotechnical report prepared by Dr. Clarence Welti, P.E. for additional subgrade preparation requirements.

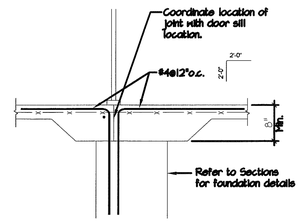


Typical Slab Construction Joint at Columns

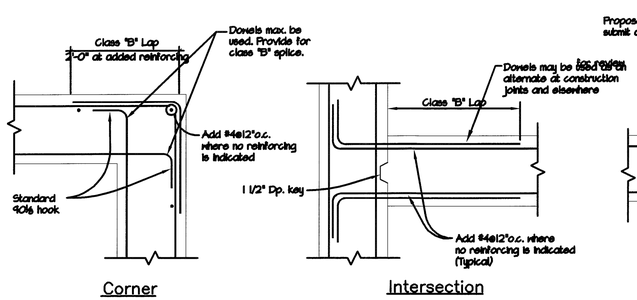


Typical Detail of Wall Reinforcing at Column Piers

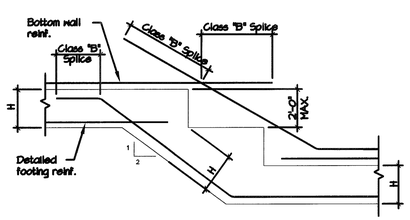
Note: Refer to Sections for reinforcing.



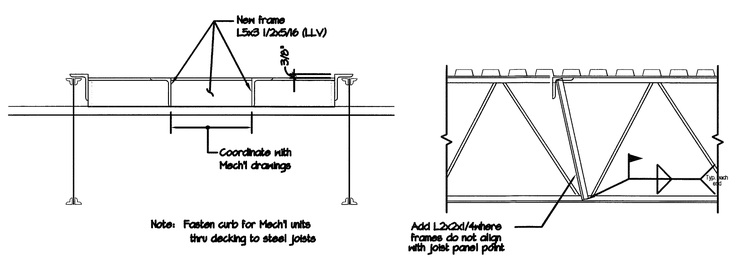
Typical Foundation at Doors



Typical Wall Reinforcing Details



Typical Sloped Footing Detail



Typical Roof Frame Detail & Typical Joist Reinf. Detail

1. Typical for all openings 4'-0"x4'-0" or less. For larger openings see specific details.
2. Provide similar frames for roof drain openings.
3. Frames to be shop welded assembly.
4. For location, size and quantity required see Arch't. and Mech'l. Drawings.
5. For frames on joists, provide joist reinforcing at bearing locations.

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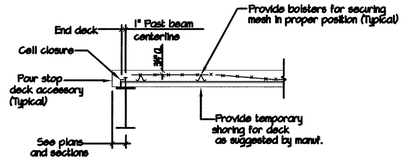
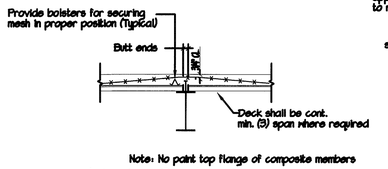
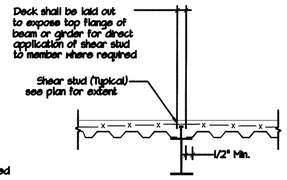


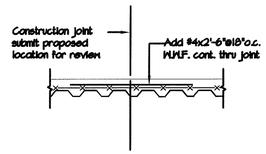
Exterior Supports & Openings
(Refer to plan for deck orientation)



Interior Deck - Perpendicular

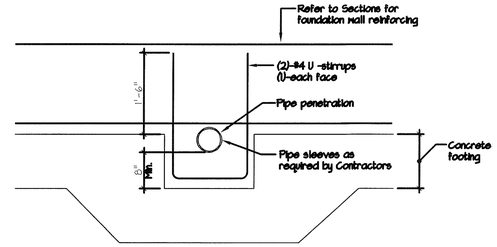


Interior Deck - Parallel

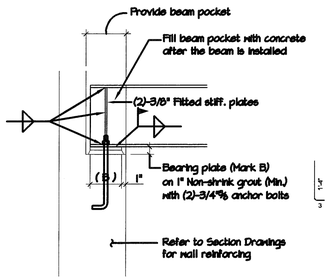


Construction Joint

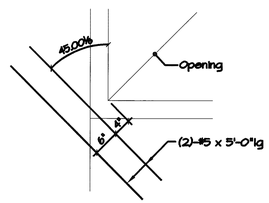
Typical Supported Slab Details
Note: Refer to plan notes for floor construction



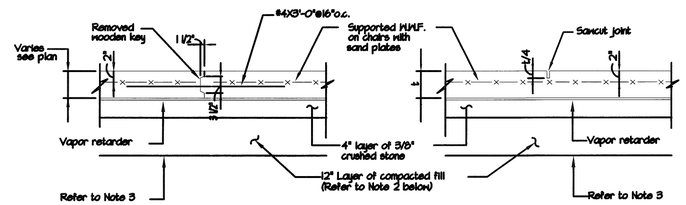
Typical Detail of Pipe Penetrations Thru Foundations Walls
Note: Do not place penetrations through columns piers or footings.
Refer to plan for locations and coordinate with Site, Mechanical, Plumbing, Electrical, and Fire protection Drawings



Typical Beam Bearing Plate Detail
Scale: 3/4"=1'-0"



Typical At Reentrant Slab Corners

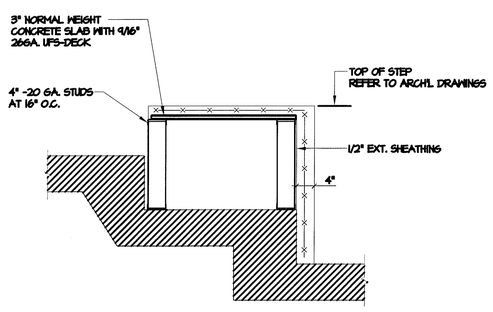


Construction Joint (Noted "C..1" on plan)

Sawcut Slab Joint (Noted "S..1" on plan)

Typical Slab on Grade Details (On Fill Material)

1. Contractor shall submit a plan indicating the proposed location of control and construction joints prior to placing concrete for slab.
2. For fill requirements, refer to Geotechnical report prepared by Dr. Clarence Melti, P.E. December 6, 2005
3. Surficially compact existing subgrade to at least 95% of modified optimum density with a vibratory roller having a static weight of 10 tons, prior to placing controlled fill.



TYPICAL INTERIOR STAIR INFILL
Scale: 3/4"=1'-0"

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