DEMOLITION NOTES

1. Remove existing cork tile flooring.
2. Remove existing carpet flooring.
3. Remove existing wallcovering (walls).
4. Remove existing wallcovering (ceiling).
5. Remove existing VA tile and base.
6. Remove existing shelving ~~PARTS AT WEST BUILDING~~
7. Remove existing Box Office window and wood paneling.
8. Remove existing handrail.
9. Remove existing plywood paneling.
10. Remove existing slab for new elevator pit.
11. Remove existing work counter.
12. Remove existing signage.
13. Remove existing telephone booth.
14. Remove existing concrete roof slab for new elevator shaft.
15. Remove existing toilets.
16. Remove existing exposed electric conduit and box.
17. Remove and relocate existing glass doors.
18. Remove existing drinking fountain.
19. Remove existing fire extinguishers.
20. Remove existing Entrance portals, walls, and drapes.
21. Remove existing plywood flooring.
22. Remove accordian screen.
23. Remove janitor sink. ~~REUSE AT SCENE SHOP 864~~
24. Remove existing floor slab. Refer to Details.
25. Remove vines from existing building exterior and clean walls.
26. Remove and relocate existing doors as shown on plan.
27. Remove existing concrete walls.
28. Remove existing sign from face of building.
29. Remove existing graphics from doors and walls.
30. Remove existing ceiling.
31. Remove existing doors.
32. Remove paint from concrete walls.
33. Remove cork wallcovering.
34. Remove existing dance floor.
35. Remove existing lavatory.
36. Remove existing overhead door and frame.

38. Remove existing shelving and coat units and return to Owner.
39. Remove existing concrete for overhead door.
40. Remove existing metal panel above walkway.
41. ~~Not used~~ REMOVE EXIST SHOWERS
42. Remove existing gas piping.
43. Remove existing plug mold.
44. Remove existing compressed air piping.
45. Remove existing range/oven and return to Owner.

NOTE: CONTRACTOR SHALL VERIFY LOCATION OF ALL STAGE SUPPORTS PRIOR TO DEMOLITION IN THIS AREA.

LEGEND

EXISTING WALLS TO REMAIN

EXISTING WALLS TO BE REMOVED

DEMOLITION PLAN BASEMENT LEVEL

NORTH

3/32" = 1'-0"

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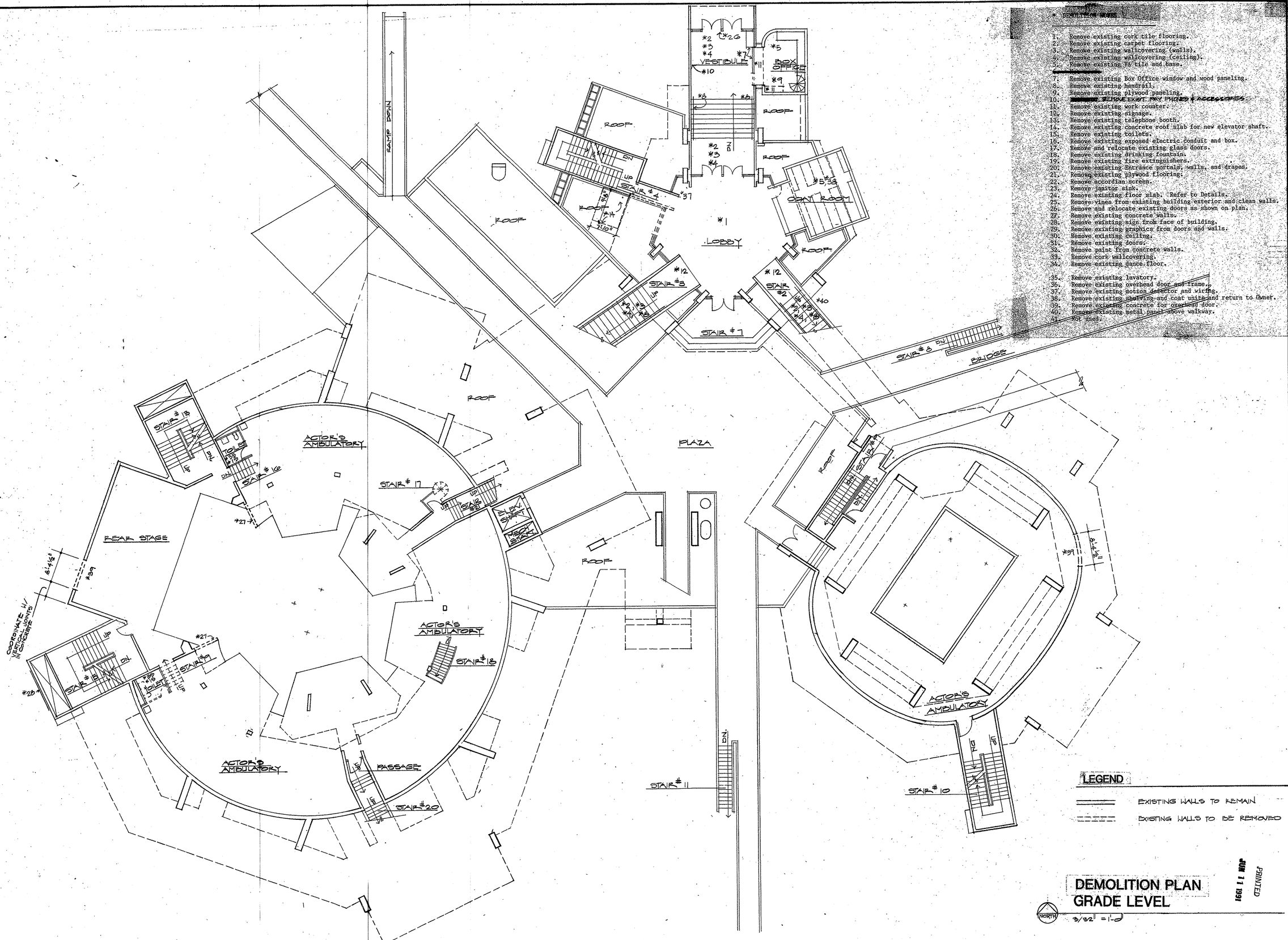
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

PROJECT 88.11

SHEET
A-1D
OF 3



DEMOLITION NOTES

1. Remove existing cork tile flooring.
2. Remove existing carpet flooring.
3. Remove existing wallcovering (walls).
4. Remove existing wallcovering (ceiling).
5. Remove existing Vâ tile and base.
6. [redacted]
7. Remove existing Box Office window and wood paneling.
8. Remove existing handrail.
9. Remove existing plywood paneling.
10. [redacted] REMOVE EXIST. PAY PHONES & ACCESSORIES
11. Remove existing work counter.
12. Remove existing signage.
13. Remove existing telephone booth.
14. Remove existing concrete roof slab for new elevator shaft.
15. Remove existing toilets.
16. Remove existing exposed electric conduit and box.
17. Remove and relocate existing glass doors.
18. Remove existing drinking fountain.
19. Remove existing fire extinguishers.
20. Remove existing Entrance portals, walls, and drapes.
21. Remove existing plywood flooring.
22. Remove accordian screen.
23. Remove janitor sink.
24. Remove existing floor slab. Refer to Details.
25. Remove vines from existing building exterior and clean walls.
26. Remove and relocate existing doors as shown on plan.
27. Remove existing concrete walls.
28. Remove existing sign from face of building.
29. Remove existing graphics from doors and walls.
30. Remove existing ceiling.
31. Remove existing doors.
32. Remove paint from concrete walls.
33. Remove cork wallcovering.
34. Remove existing dance floor.
35. Remove existing lavatory.
36. Remove existing overhead door and frame.
37. Remove existing motion detector and wiring.
38. Remove existing shelving and coat units and return to Owner.
39. Remove existing concrete for overhead door.
40. Remove existing metal panel above walkway.
41. Not used.

LEGEND

EXISTING WALLS TO REMAIN

EXISTING WALLS TO BE REMOVED

DEMOLITION PLAN GRADE LEVEL

NORTH 3/32" = 1'-0"

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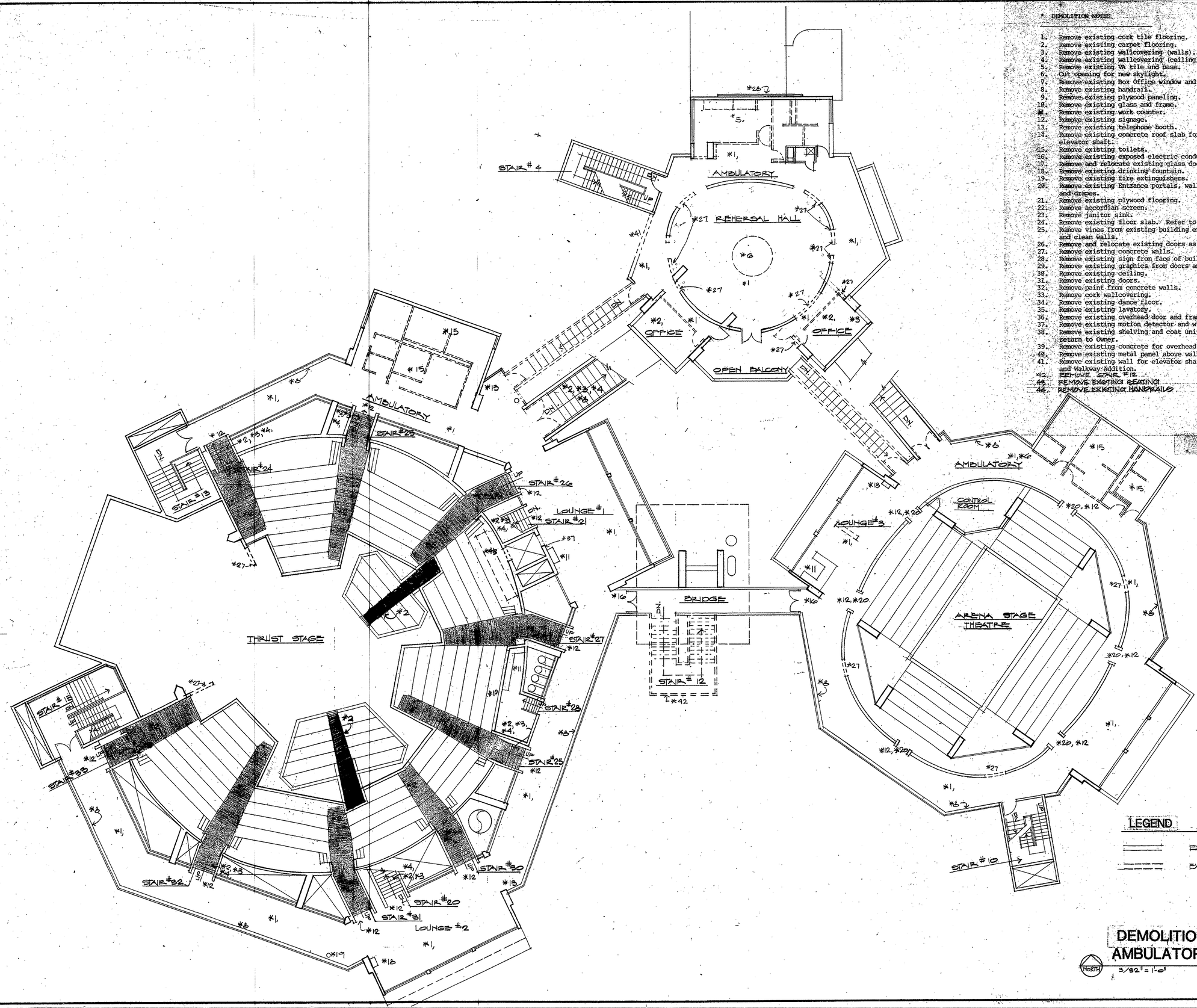
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

PROJECT 88.11

SHEET A-2D OF 3

* DEMOLITION NOTES:

1. Remove existing cork tile flooring.
2. Remove existing carpet flooring.
3. Remove existing wallcovering (walls).
4. Remove existing wallcovering (ceiling).
5. Remove existing VA tile and base.
6. Cut opening for new skylight.
7. Remove existing Box Office window and wood paneling.
8. Remove existing handrail.
9. Remove existing plywood paneling.
10. Remove existing glass and frame.
11. Remove existing work counter.
12. Remove existing signage.
13. Remove existing telephone booth.
14. Remove existing concrete roof slab for new elevator shaft.
15. Remove existing toilets.
16. Remove existing exposed electric conduit and box.
17. Remove and relocate existing glass doors.
18. Remove existing drinking fountain.
19. Remove existing fire extinguishers.
20. Remove existing Entrance portals, walls, and drapes.
21. Remove existing plywood flooring.
22. Remove accordian screen.
23. Remove janitor sink.
24. Remove existing floor slab. Refer to Details.
25. Remove vines from existing building exterior and clean walls.
26. Remove and relocate existing doors as shown on plan.
27. Remove existing concrete walls.
28. Remove existing sign from face of building.
29. Remove existing graphics from doors and walls.
30. Remove existing ceiling.
31. Remove existing doors.
32. Remove paint from concrete walls.
33. Remove cork wallcovering.
34. Remove existing dance floor.
35. Remove existing lavatory.
36. Remove existing overhead door and frame.
37. Remove existing motion detector and wiring.
38. Remove existing shelving and coat units and return to Owner.
39. Remove existing concrete for overhead door.
40. Remove existing metal panel above walkway.
41. Remove existing wall for elevator shaft and Walkway Addition.
42. REMOVE STAIR #12
43. REMOVE EXISTING RAILING!
44. REMOVE EXISTING HANDRAILS



LEGEND

EXISTING WALLS TO REMAIN

EXISTING WALLS TO BE REMOVED

DEMOLITION PLAN AMBULATORY LEVEL

NORTH 3/32" = 1'-0"

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STAGE CENTER AT FESTIVAL PLAZA

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SHEET A-3D OF 3

SHERIDAN AVENUE

WALKER AVENUE

CALIFORNIA AVENUE

LOCATION OF NEW BUILDING SIGNAGE COORD. W/ ELEC.

LIGHT FIXTURE (POLE LIGHT: COORD. W/ ELEC.)

CLEAN & REPAINT EXIST. CONC. SIGN

HANDICAP SIGN

NEW PORTE COCHERE STRUCTURE

LOCATION FOR NEW BUILDING SIGNAGE COORD. W/ ELEC.

existing shed light

existing shed light

35'-0" RAD

ELEV @ DOCK 98.67

14'-0"

REMOVE CONC CURB GUTTER & SIDEWALK

NEW CONC. PAVING CURB & GUTTER

10'-0"

CENTER PAVING W/CENTER OF DOORWAY

35'-0" RAD

EXIST. GUARD RAIL TO REMAIN REPAINT

PROVIDE LANDSCAPE ABOVE THERMAL STORAGE TANKS IN LANDSCAPE ALLOWANCE

NEW PARKING LOT STRIPING

NEW PARKING LOT STRIPING

EXISTING GUARD RAIL TO REMAIN REPAINT

NEW CURBING

ELEV @ DOCK 98.67

10'-0"

NEW CONC. PAVING

REMOVE EXIST. CURB, GUTTER & SIDEWALK

35'-0" RAD

CENTER PAVING W/CENTER OF DOORWAY

NEW LOADING DOCK AT ARENA STAGE LEVEL

NEW PARKING LOT STRIPING

TO MAIN LOBBY

REMOVE EXIST. UTILITY POLES & BURY EXIST. UTILITY WIRES

N

A
A1

SITE PLAN

1/16"=1'-0"

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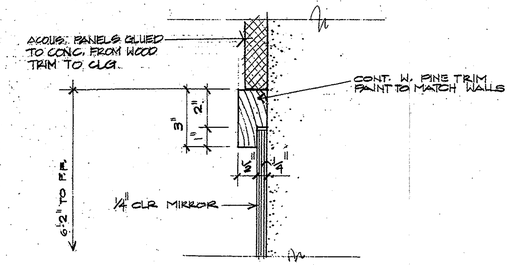
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STAGE CENTER AT FESTIVAL PLAZA

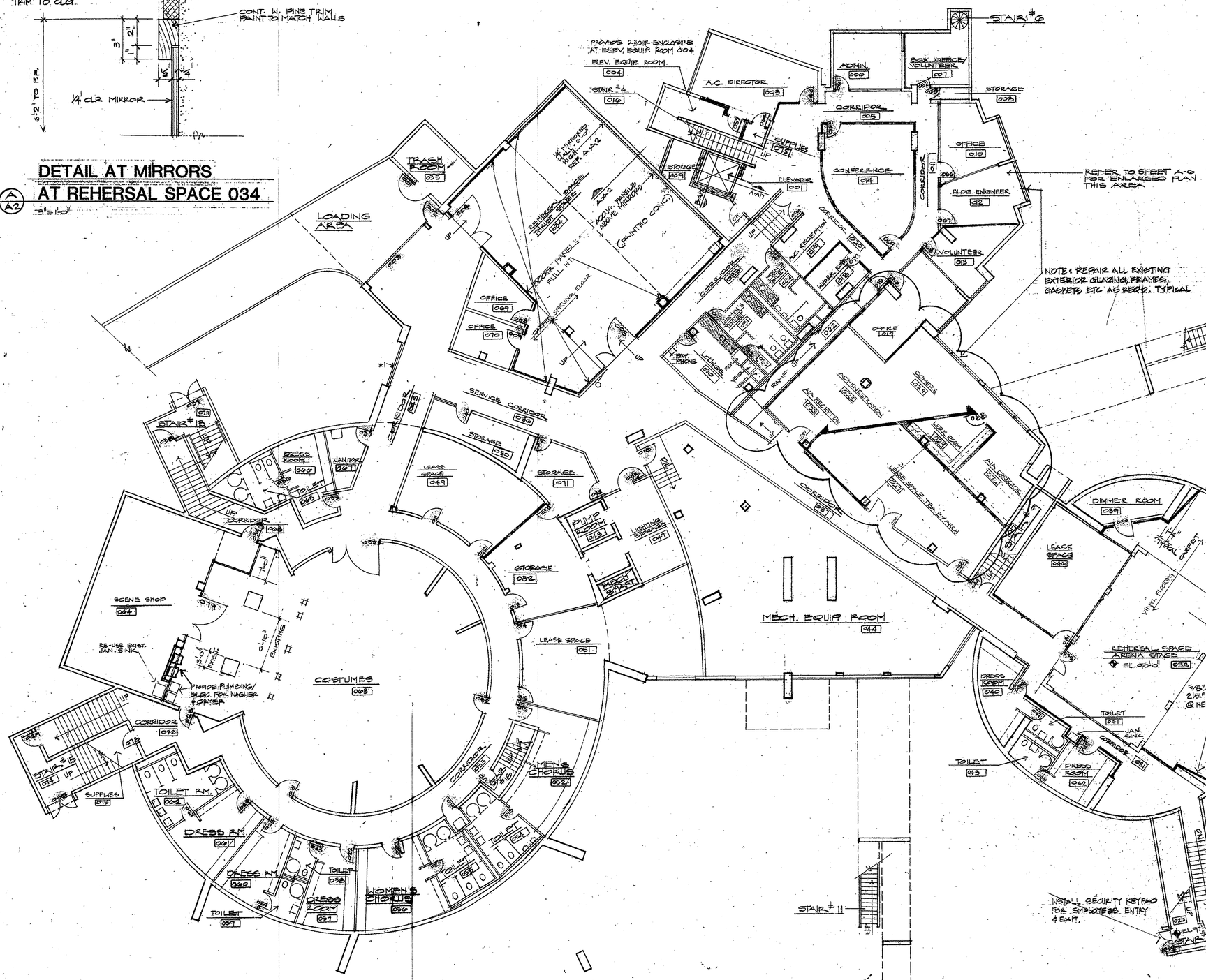
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SHEET A-1
OF 24



DETAIL AT MIRRORS AT REHERSAL SPACE 034

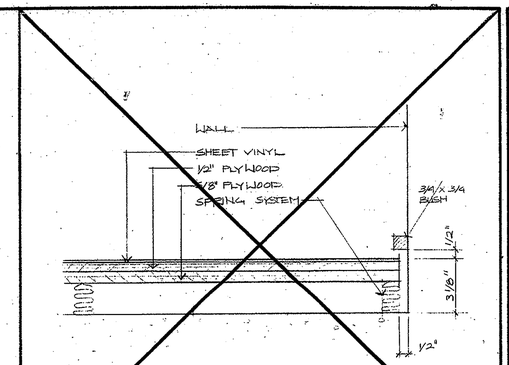
A/A2 — 3" = 1'-0"



DETAIL AT WOOD FLOOR AT REHERSAL SPACE 038

C/A2

GENERAL NOTES
1) REPAIR "DELIVERY" BUZZER & EXIST. OVERHEAD DOOR.
2) UPGRADE EXIST. AUTOMATIC FIRE SUPPRESSION SYSTEM TO MEET CORRECT CODES. (THIS LEVEL ONLY).



DETAIL AT SPRUNG FLOOR AT REHERSAL SPACE 034

B/A2 — 3" = 1'-0"

DELETE FROM CONTRACT

LEGEND

- EXISTING WALL TO REMAIN
- NEW GYP BD WALL - 5/8" GYP BD EA. SIDE OF 3⅝" MTL. STUDS @ 16" OC.
- NEW POURED IN PLACE CONCRETE WALL.
- NEW EXTERIOR WALL - METAL PANEL VENEER SYSTEM OVER 6" METAL STUDS @ 16" OC. W/ 5/8" GYP BD. @ INTERIOR FACE + 6" BATT INSUL.
- FULL HT. ¼" GLAZING IN H.M. FRAME
- NEW 8" CONC. BLOCK WALL
- NEW BUILT IN MILLWORK (REFER SHT. A-6 FOR MILLWORK H.I.C.)

BASEMENT LEVEL PLAN

NORTH — 3/32" = 1'-0"

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STAGE CENTER AT FESTIVAL PLAZA

PROJECT 88.11

SHEET A-2
OF 24

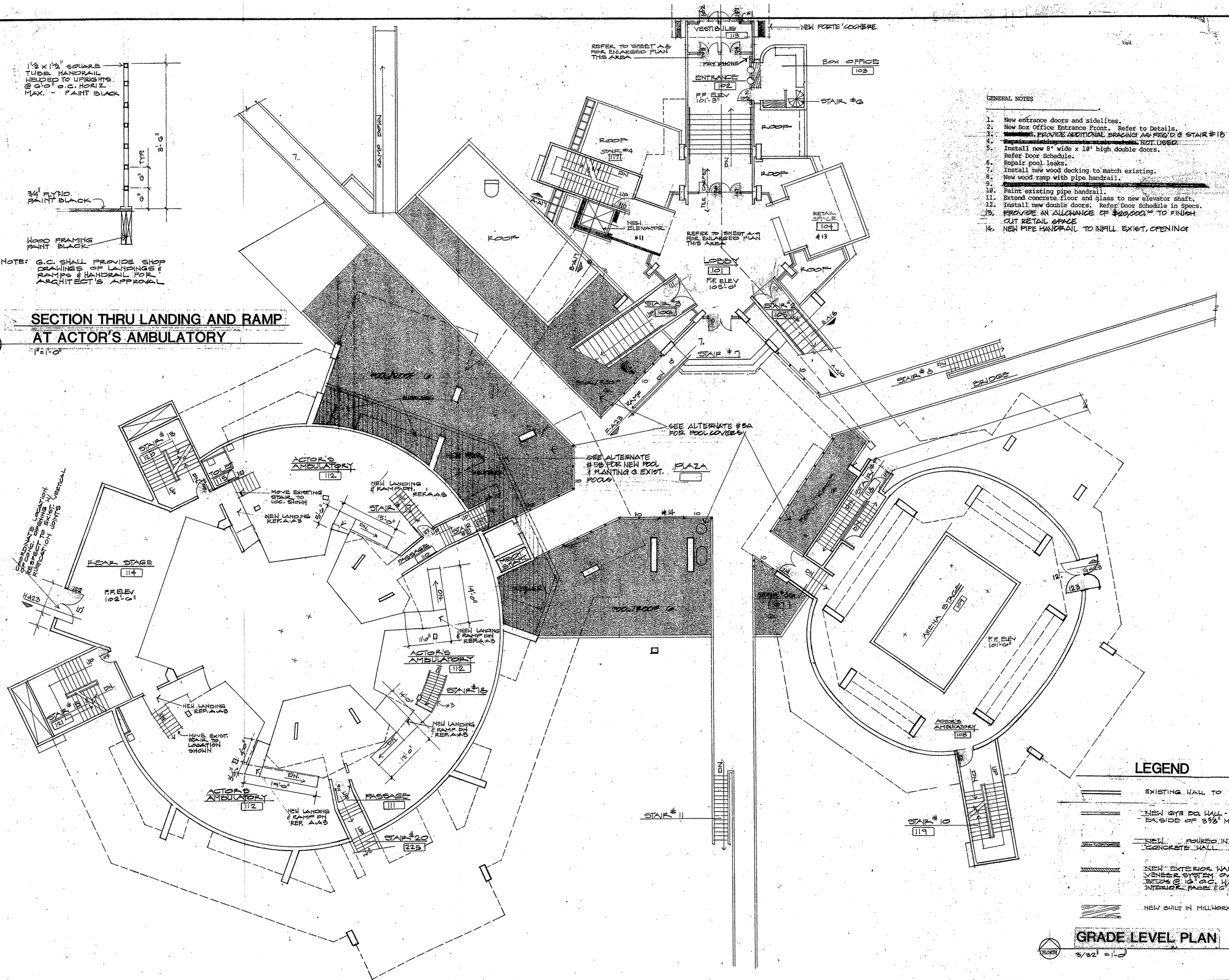
NOTE: G.C. SHALL PROVIDE SHOP DRAWINGS OF LANDINGS & RAMPS & HANDRAIL FOR ARCHITECT'S APPROVAL

SECTION THRU LANDING AND RAMP AT ACTOR'S AMBULATORY

A/A3 — 1"=1'-0"

GENERAL NOTES

1. New entrance doors and sidelites.
2. New Box Office Entrance Front. Refer to Details.
3. [redacted]. PROVIDE ADDITIONAL BRACING AS REQ'D @ STAIR #18
4. ~~Repair existing concrete at pool gutter.~~ NOT USED.
5. Install new 8' wide x 10' high double doors. Refer Door Schedule.
6. Repair pool leaks.
7. Install new wood decking to match existing.
8. New wood ramp with pipe handrail.
9. [redacted]
10. Paint existing pipe handrail.
11. Extend concrete floor and glass to new elevator shaft.
12. Install new double doors. Refer Door Schedule in Specs.
13. PROVIDE AN ALLOWANCE OF $20,000.00 TO FINISH CUT RETAIL SPACE
14. NEW PIPE HANDRAIL TO INFILL EXIST. OPENING



LEGEND

- EXISTING WALL TO REMAIN
- NEW GYP BD WALL - 5/8" GYP BD EA SIDE OF 3 5/8" MTL. STUDS @ 16" OC
- NEW POURED IN PLACE CONCRETE WALL
- NEW EXTERIOR WALL - METAL PANEL VENEER SYSTEM OVER 6" METAL STUDS @ 16" O.C. W/ 5/8" GYP BD. @ INTERIOR FACE. F.G. BATT INSUL.
- NEW BUILT IN MILLWORK

GRADE LEVEL PLAN

NORTH — 3/32" = 1'-0"

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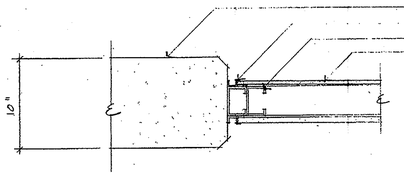
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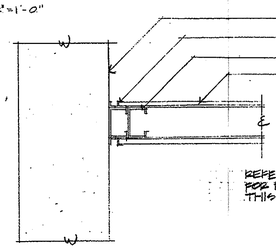
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

PROJECT 88.11

SHEET A-3 OF 24



A A-4 DETAIL
1½"=1'-0"



B A-4 DETAIL
1½"=1'-0"

GENERAL NOTES

1. Remove portions of concrete wall.
2. [redacted]
3. New Restroom layout.
4. New door in existing concrete wall.
5. [redacted]
6. New rear entrance to Handicap Lift.
7. New 1" insulated Solar Grey glass in [redacted] frame. TO MATCH EXISTING.
8. Shaded area indicates area to receive new carpet.
9. Enclose existing open stair. Refer to Details.
10. New 3" concrete topping at Concession Area #209.
11. New 4" concrete topping at Seating Area #207 and at Storage #208.
12. [redacted]
13. Widen and enclose existing open stair.
14. PROVIDE ¼" TEMP. MASONITE OVER EXISTING STAGE FLOORING ATTACH W/GLUE & COUNTERSUNK SCREWS & PAINTED FLAT BLACK.

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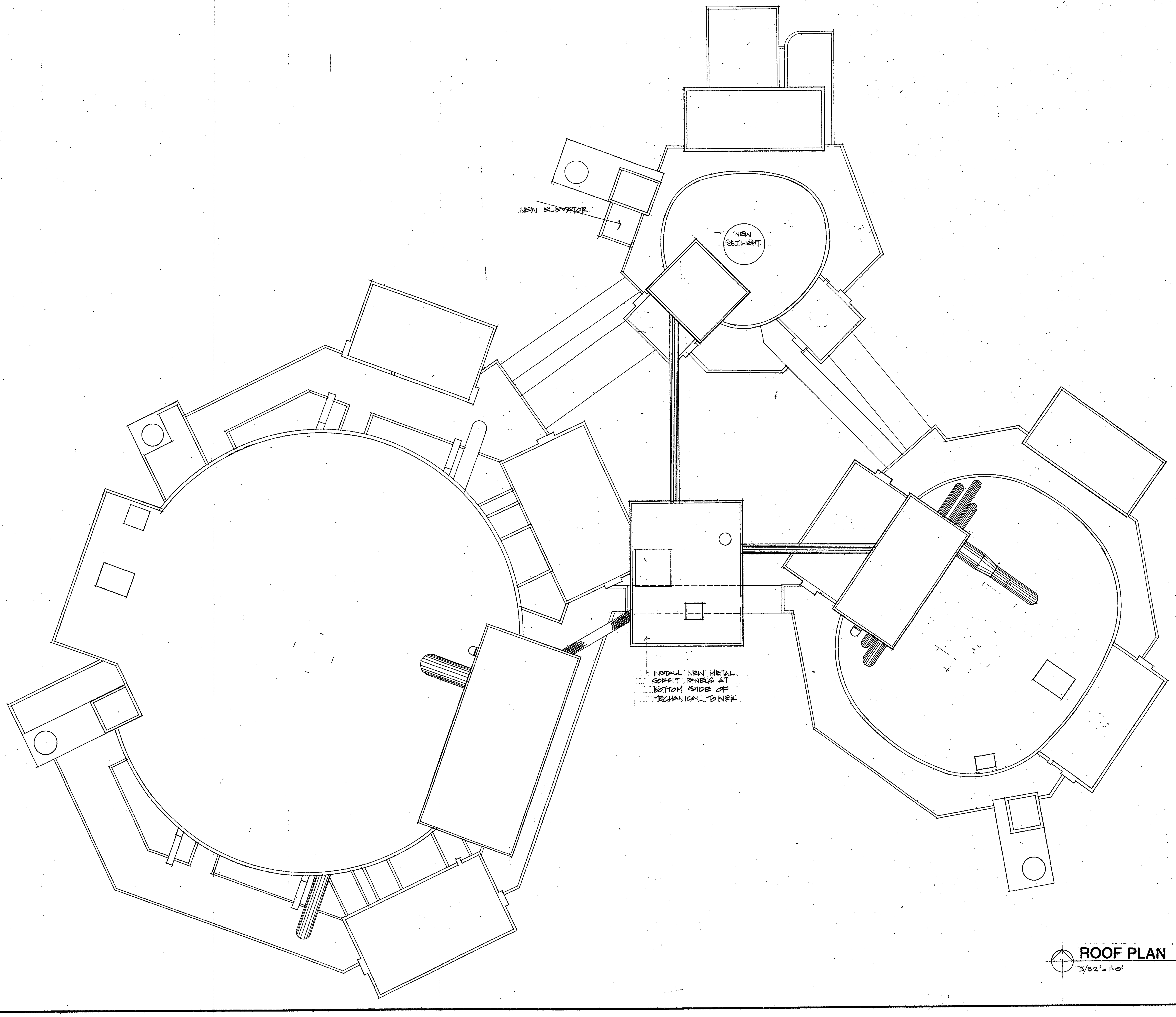
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OF 24

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ROOF PLAN

3/32" = 1'-0"

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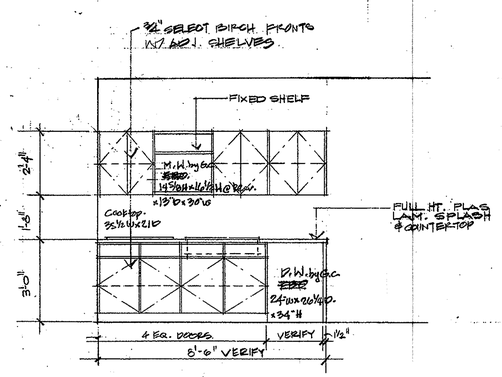
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STAGE CENTER AT FESTIVAL PLAZA

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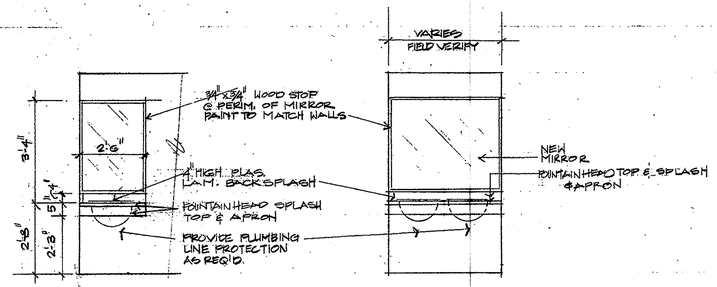
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D A6 **ELEV.- LOUNGE 030**

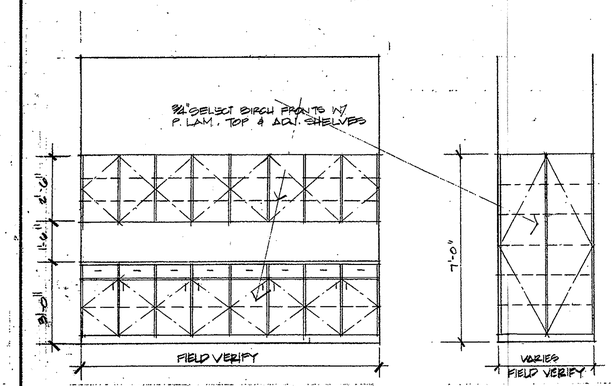
3/8"=1'-0"



E A6 **LAVATORY ELEVATION** 3/8"=1'-0" H.C. TOILET 212 & 202

D A6 **LAVATORY ELEVATION** 3/8"=1'-0"

H.C. TOILET 031 & 032 #211, 203 (H.C. TOILET 235 & 234 SIMILAR W/ 3 LAVATORIES. SEE PLAN SHT A-4).

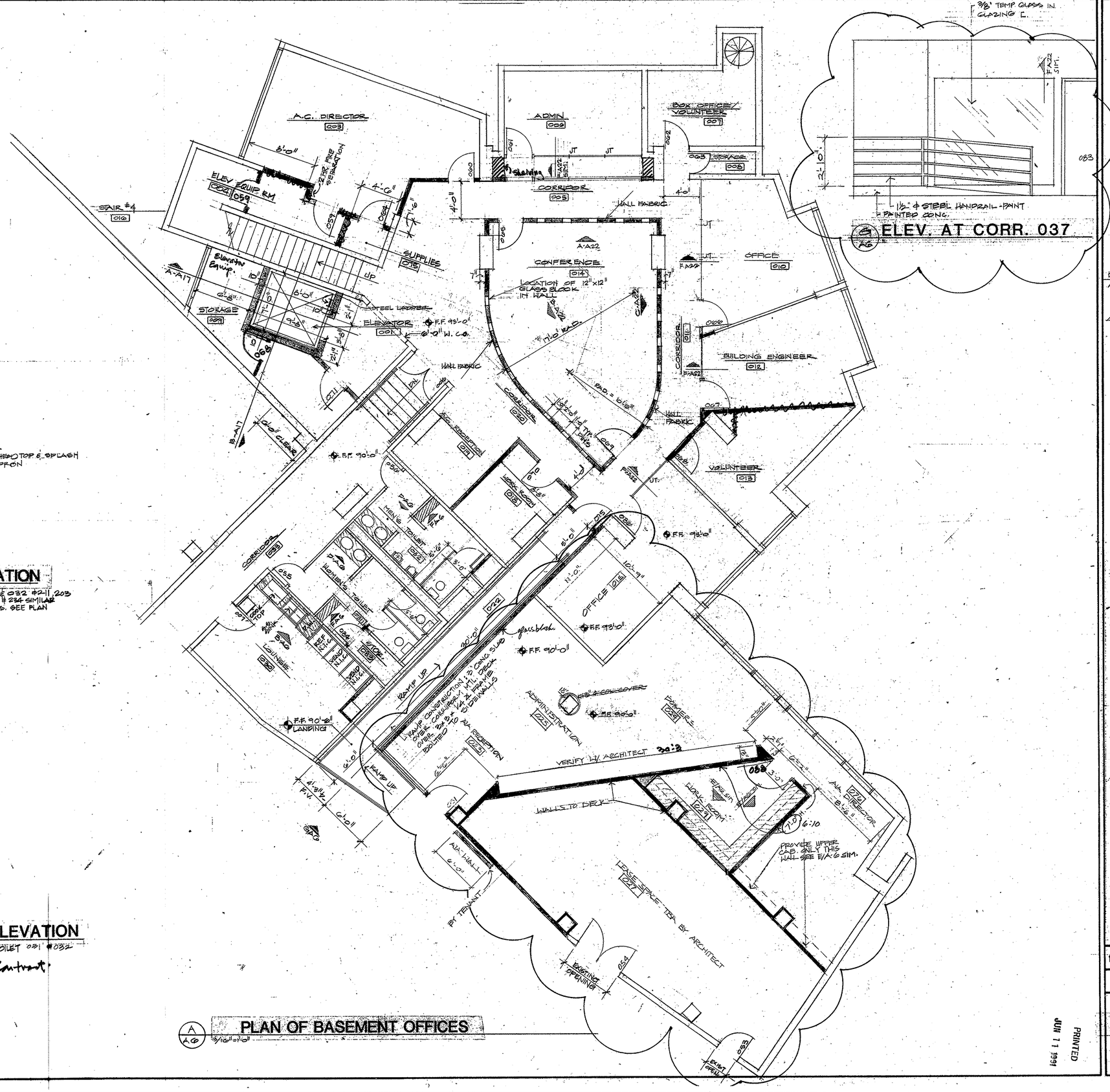


E A6 **CABINET ELEVATION** 3/8"=1'-0" WORKROOM 029 A.L.A. DIR. 016 SIM.

Deleted from contract

F A-6 **CABINET ELEVATION** 3/8"=1'-0" TOILET 031 #032

Deleted From Contract.



A A6 **PLAN OF BASEMENT OFFICES** 3/16"=1'-0"

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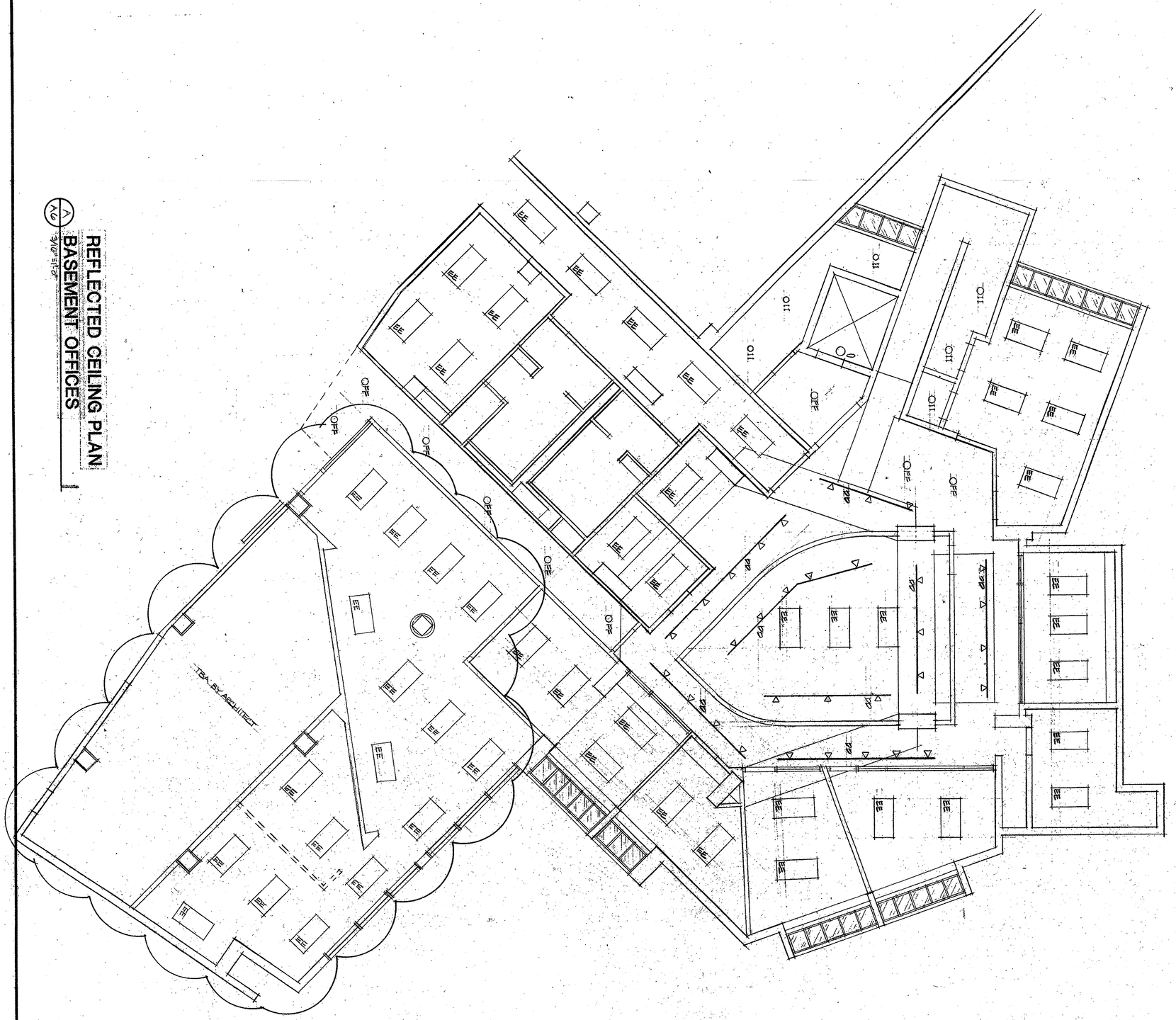
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

PROJECT 88.11

SHEET A-6 OF 24

321009



A6 REFLECTED CEILING PLAN
BASEMENT OFFICES
3/16"=1'-0"

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SHEET A-7 OF 24

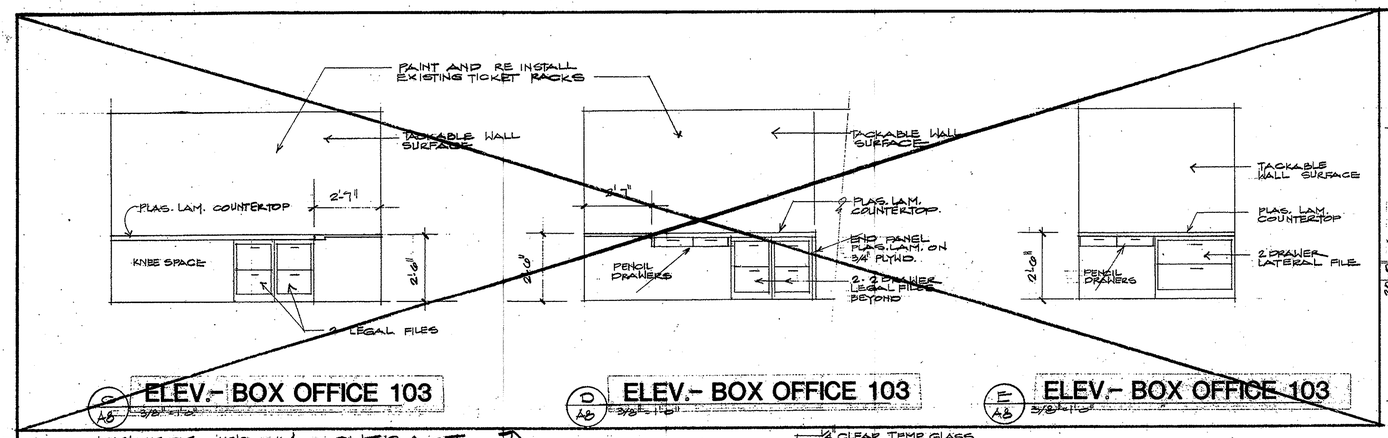
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STAGE CENTER AT FESTIVAL PLAZA

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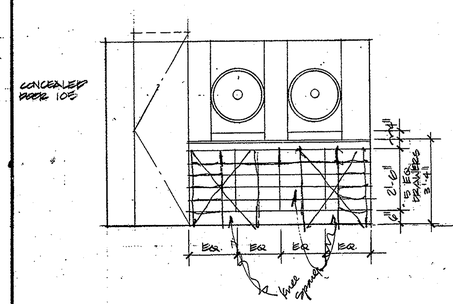


A/A8 ELEV.- BOX OFFICE 103 3/8"=1'-0"

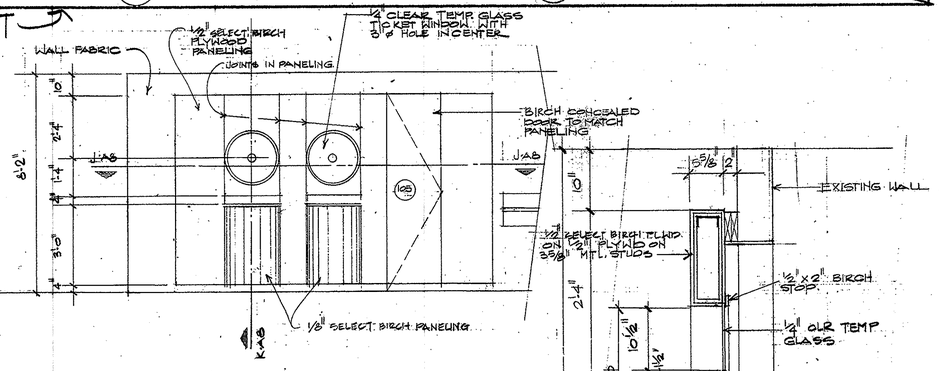
D/A8 ELEV.- BOX OFFICE 103 3/8"=1'-0"

E/A8 ELEV.- BOX OFFICE 103 3/8"=1'-0"

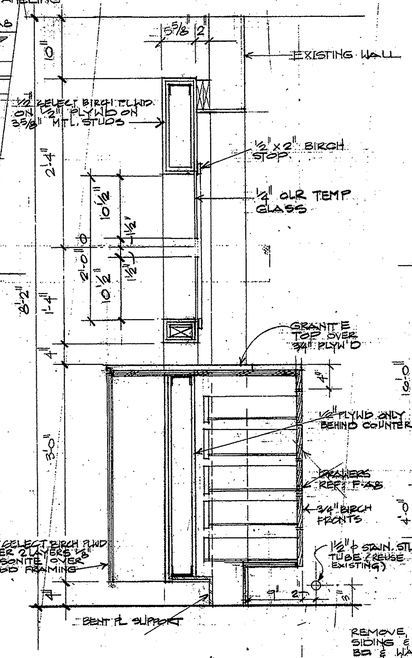
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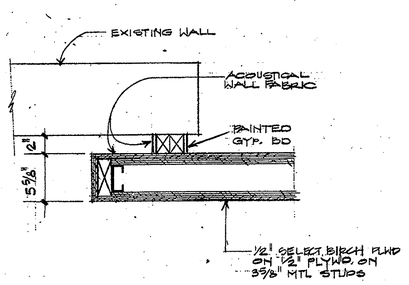


F/A8 ELEV.- BOX OFFICE 103 3/8"=1'-0"

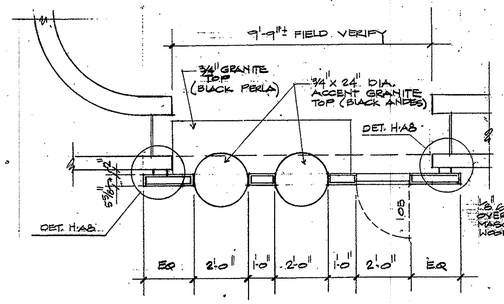


G/A8 ELEV.- BOX OFFICE FRONT FROM ENTRANCE 102 3/8"=1'-0"





H/A8 DETAIL AT BOX OFFICE FRONT 1 1/2"=1'-0"

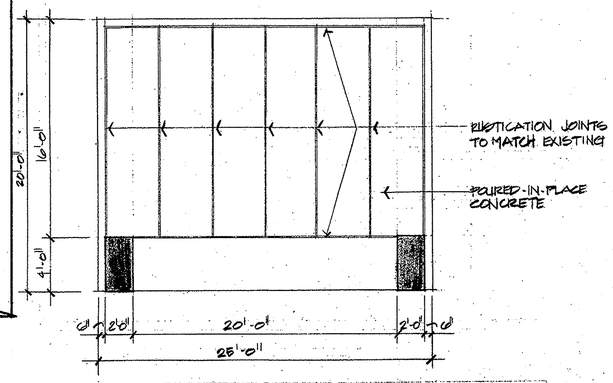


J/A8 PLAN AT BOX OFFICE FRONT 3/8"=1'-0"

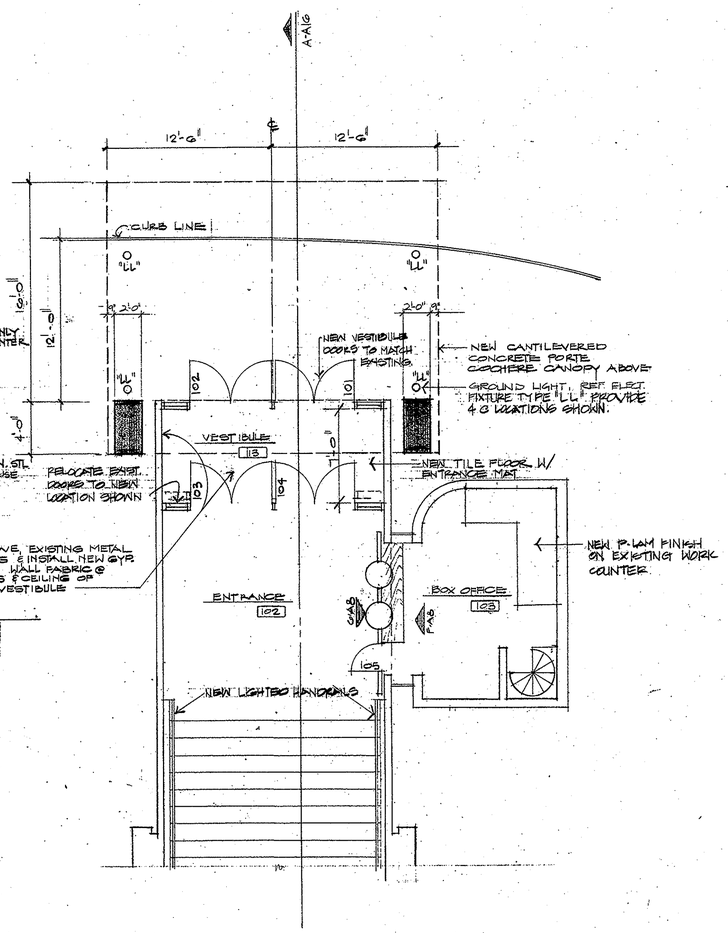
1/8" SELECT BIRCH PLWD OVER 2 LAYERS 1/4" MASONITE OVER WOOD FRAMING

REMOVE EXISTING METAL SIDING & INSTALL NEW GYP BD & WALL FABRIC @ WALLS & CEILING OF NEW VESTIBULE

K/A8 SECTION THRU BOX OFFICE FRONT 1"=1'-0"



B/A8 REFLECTED CEILING PLAN OF NEW CONCRETE CANOPY 3/16"=1'-0"



A/A8 PLAN OF ENTRANCE 3/16"=1'-0"

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STAGE CENTER AT FESTIVAL PLAZA

PROJECT 88.11

SHEET A-8 OF 24

(49)

GENERAL NOTES

1. Extend concrete slab to new elevator shaft.
2. New glass wall to match existing adjacent.

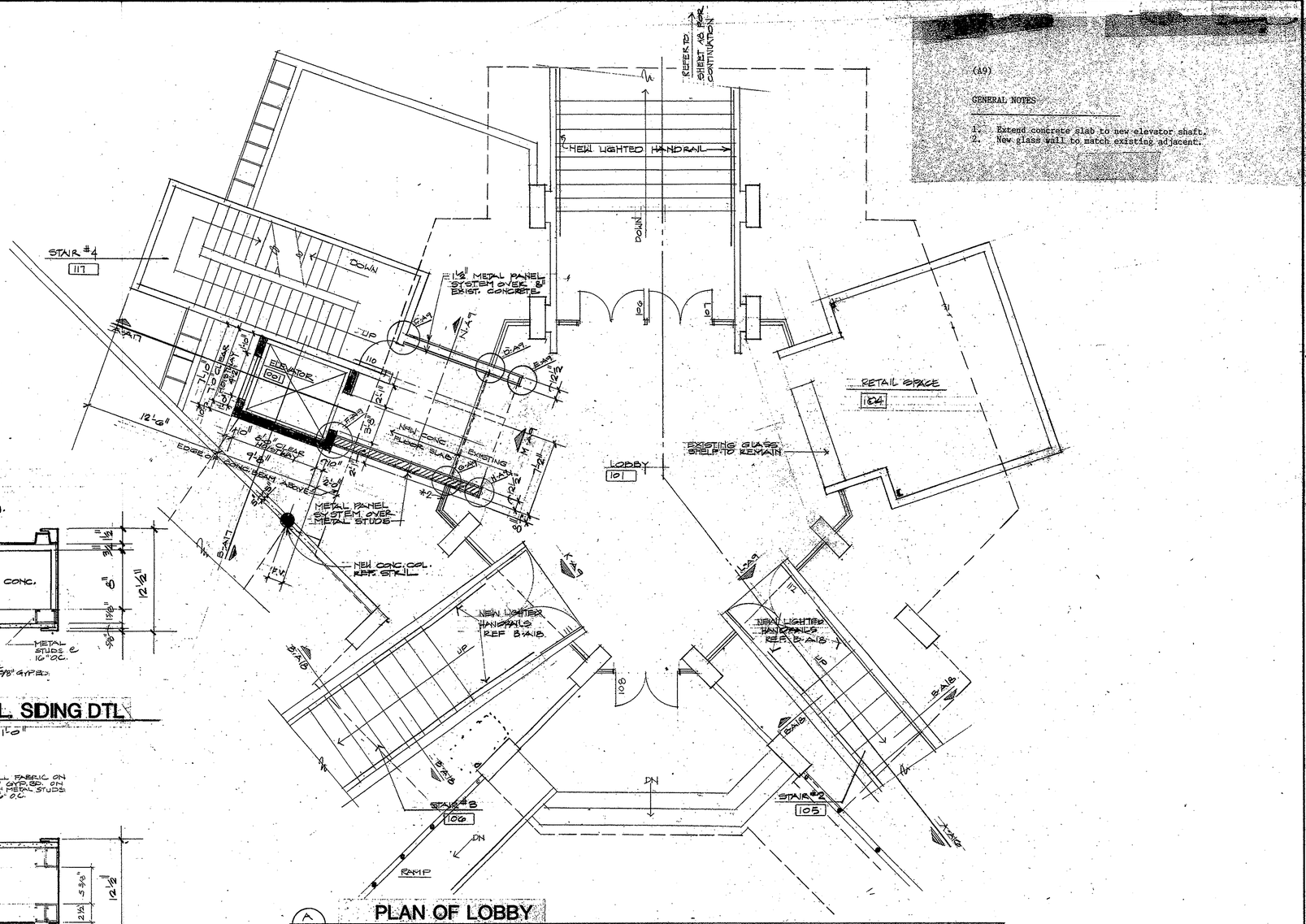
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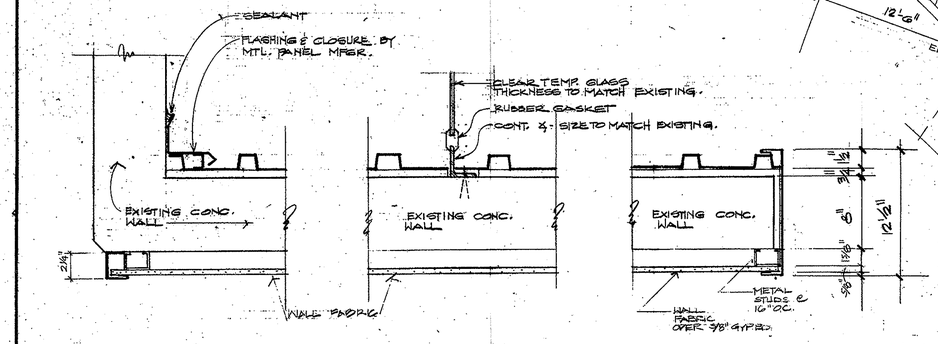
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

PROJECT 88.11

SHEET A-9
OF 24



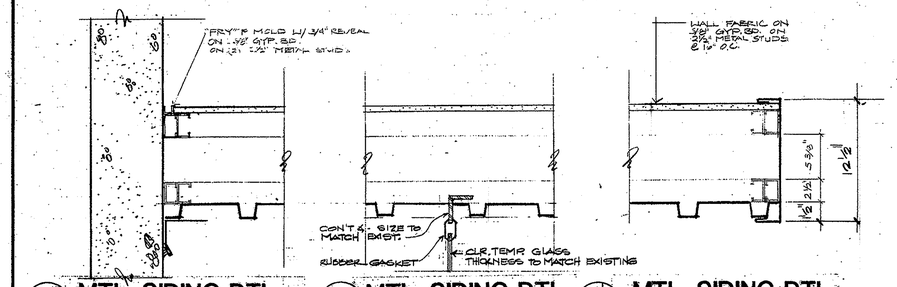
A/A9 PLAN OF LOBBY
3/16"=1'-0"



C/A9 MTL. SIDING DTL
1½"=1'-0"

D/A9 MTL. SIDING DTL
1½"=1'-0"

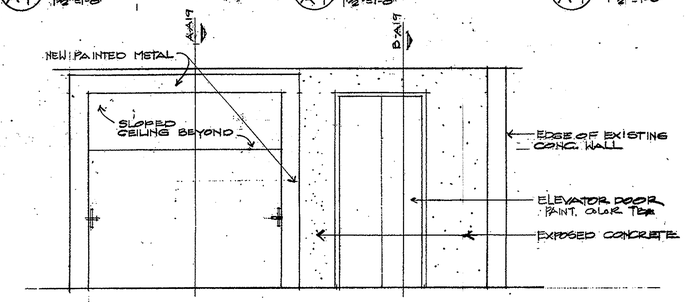
E/A9 MTL. SIDING DTL
1½"=1'-0"



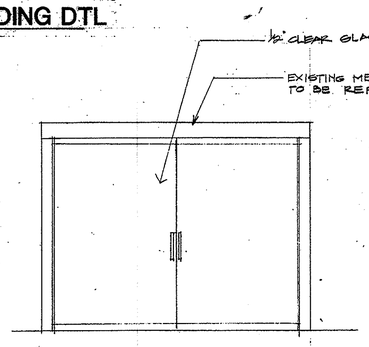
F/A9 MTL. SIDING DTL
1½"=1'-0"

G/A9 MTL. SIDING DTL
1½"=1'-0"

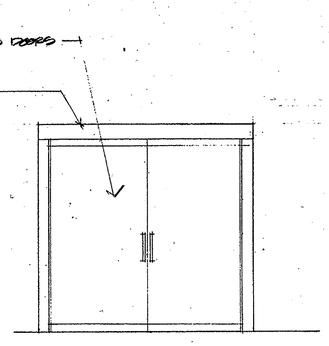
H/A9 MTL. SIDING DTL
1½"=1'-0"



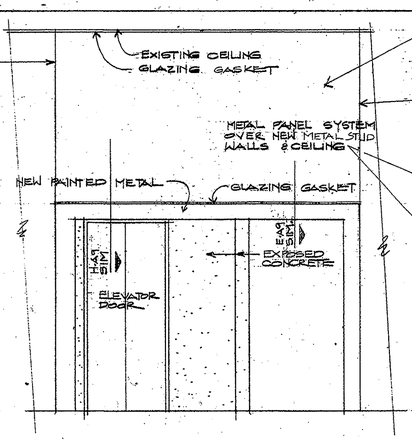
J/A9 ELEVATION OF ELEVATOR AT AMBULATORY LEVEL
3/8"=1'-0"



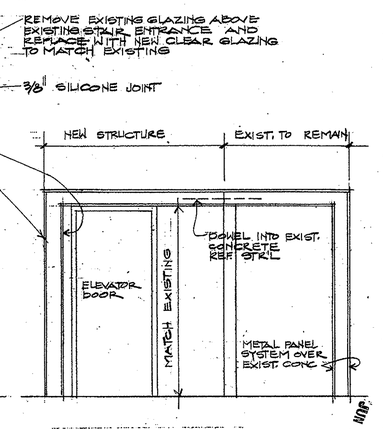
K/A9 ELEVATION OF STAIR
3/8"=1'-0"



L/A9 ELEVATION OF STAIR
3/8"=1'-0"



M/A9 ELEVATION AT ELEVATOR
3/8"=1'-0"



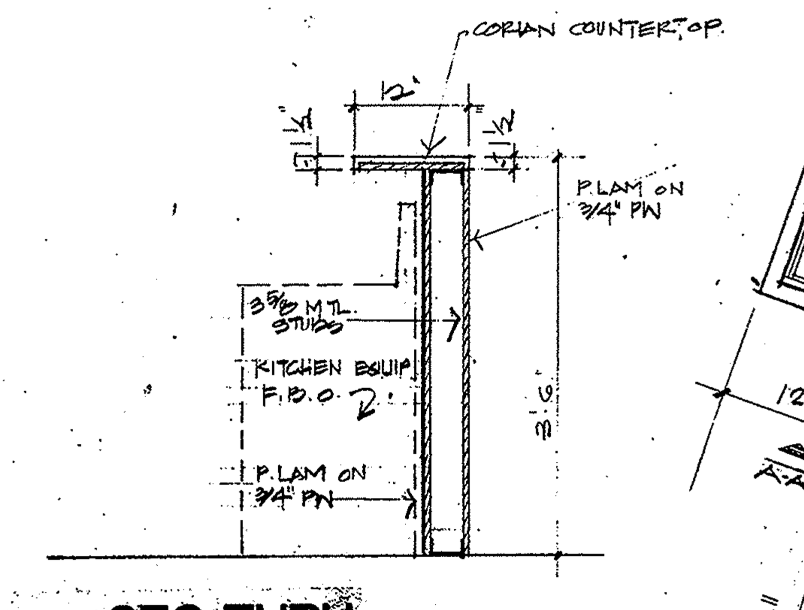
N/A9 SECTION AT ELEVATOR ENTRANCE
3/8"=1'-0"

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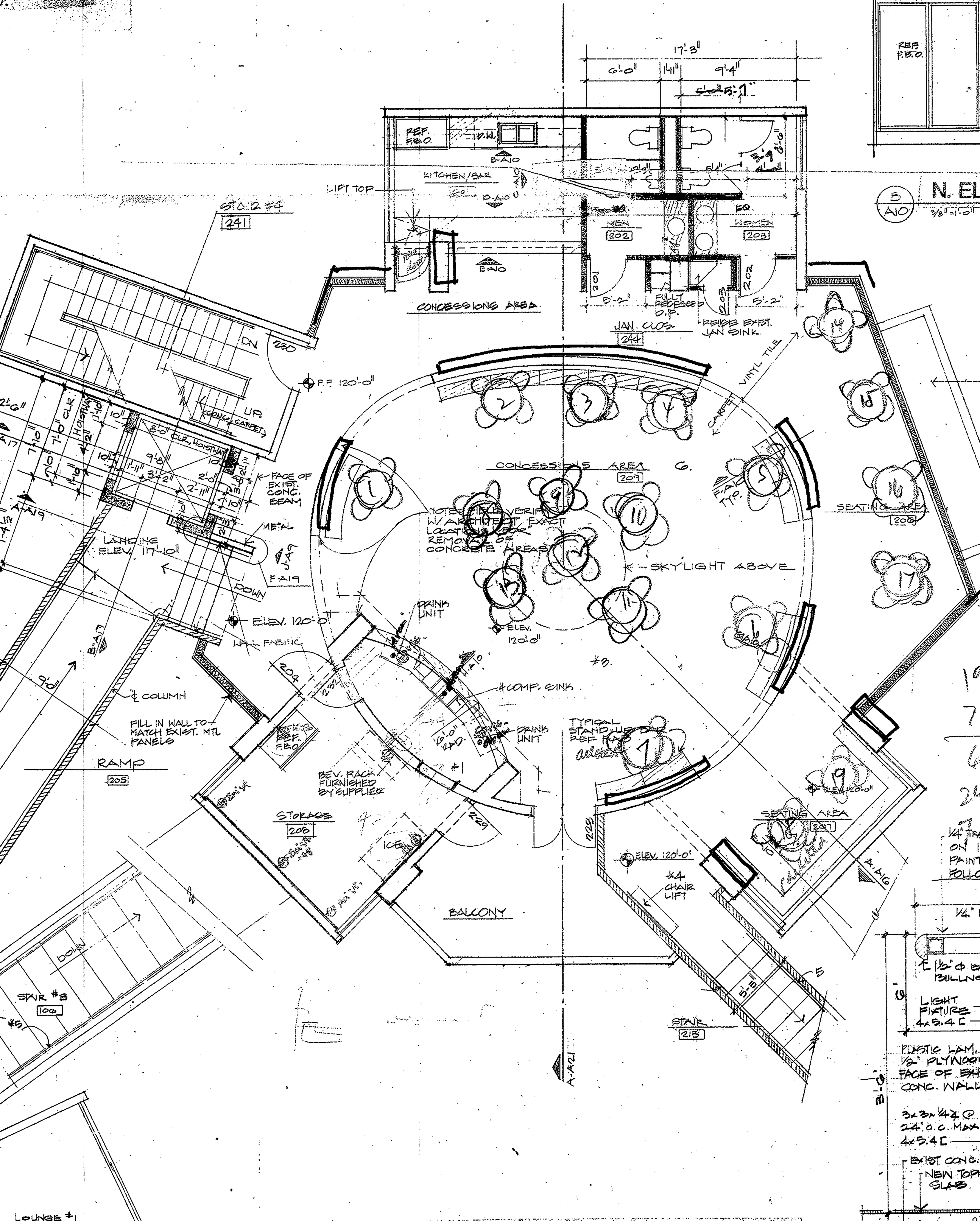
(A10)

GENERAL NOTES

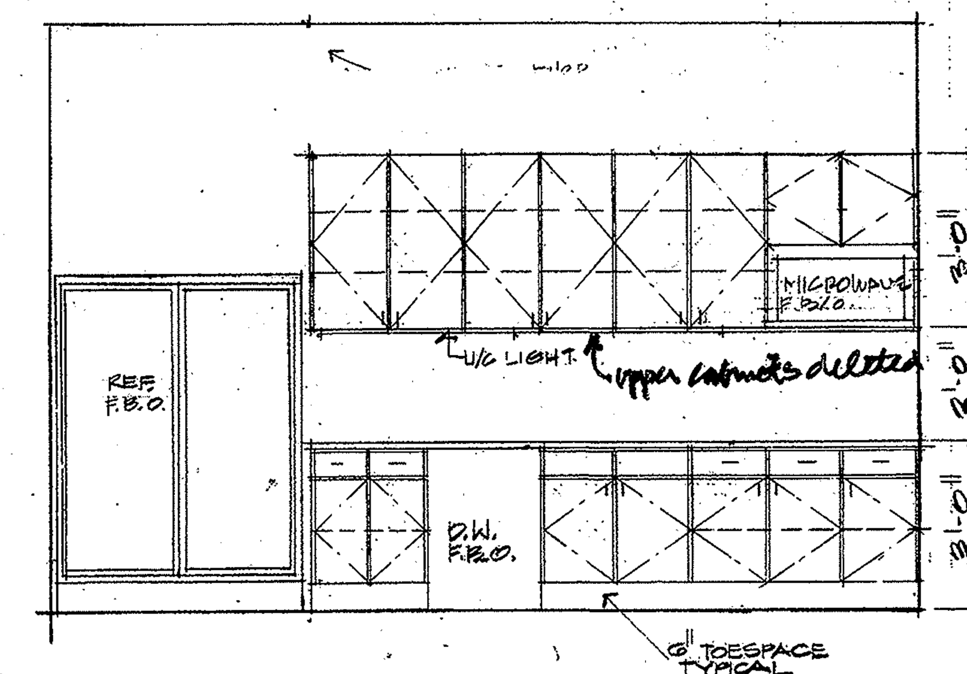
1. Remove or relocate existing HVAC equipment.
2. Enclose existing open stair. Refer to Details.
4. New Handicap Stair Lift.
5. New lighted Handrail.
6. New 3" concrete topping at Concessions Area #209.
7. New 4" concrete topping at Seating Area #207.



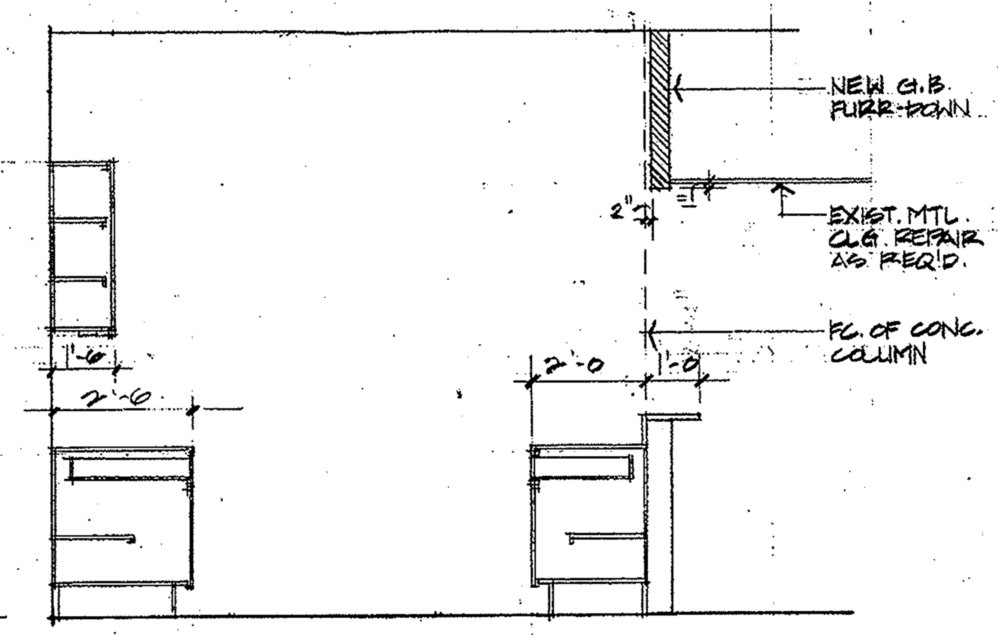
H A10 SEC THRU SERVICE COUNTER 3/4"=1'-0"



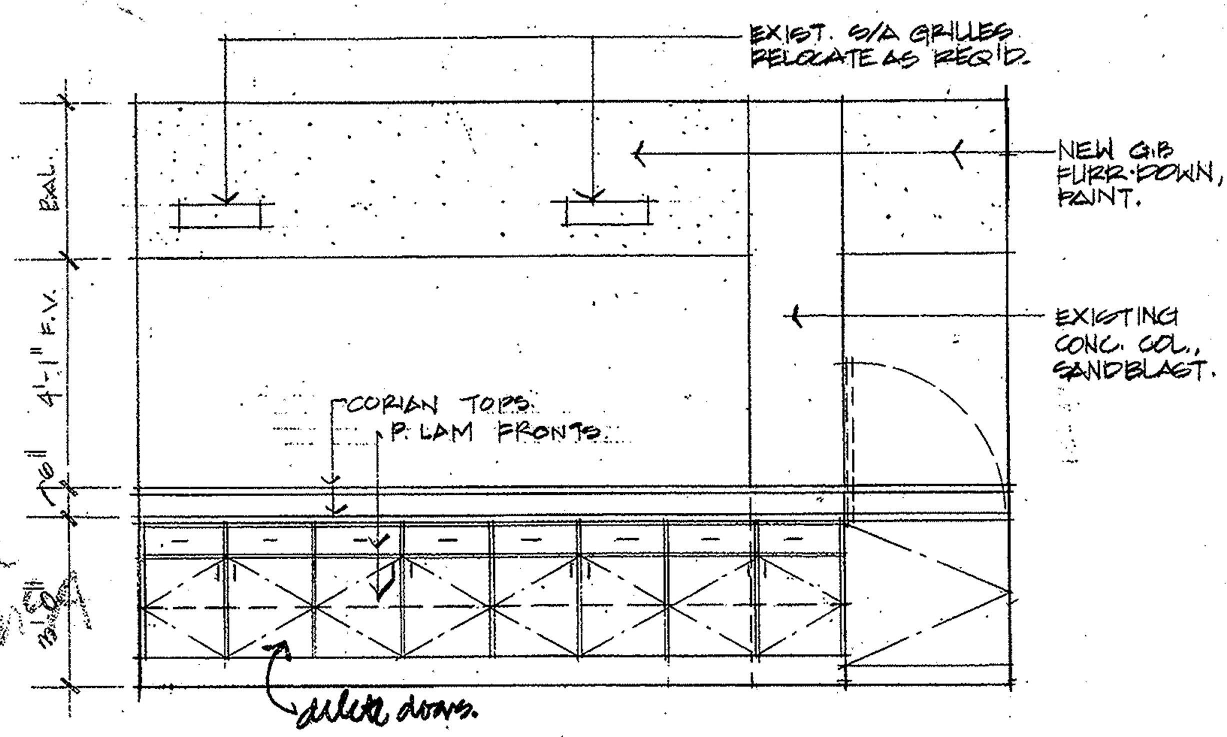
A A10 PLAN OF CONCESSIONS AREA 209 3/16"=1'-0"



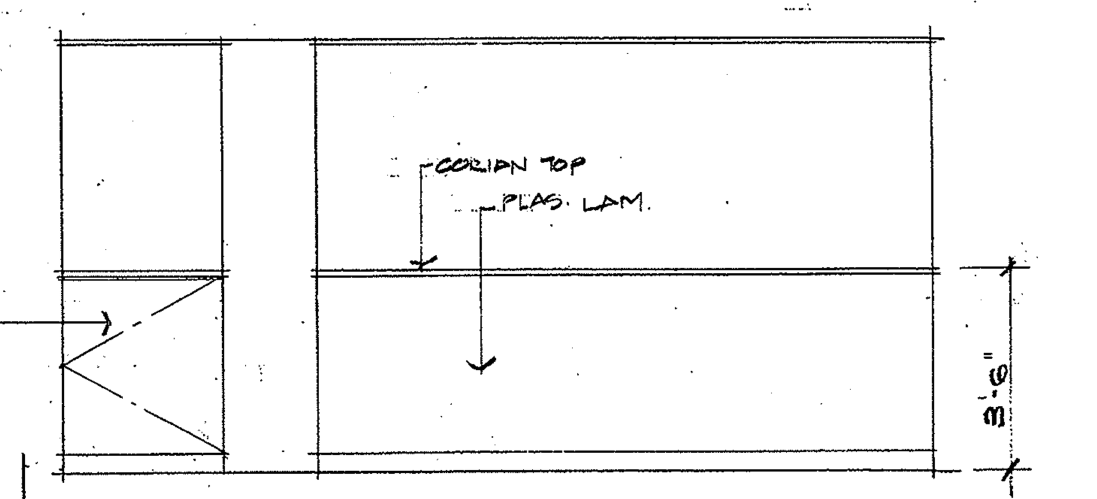
B A10 N. ELEV. of KITCHEN/BAR 3/8"=1'-0"



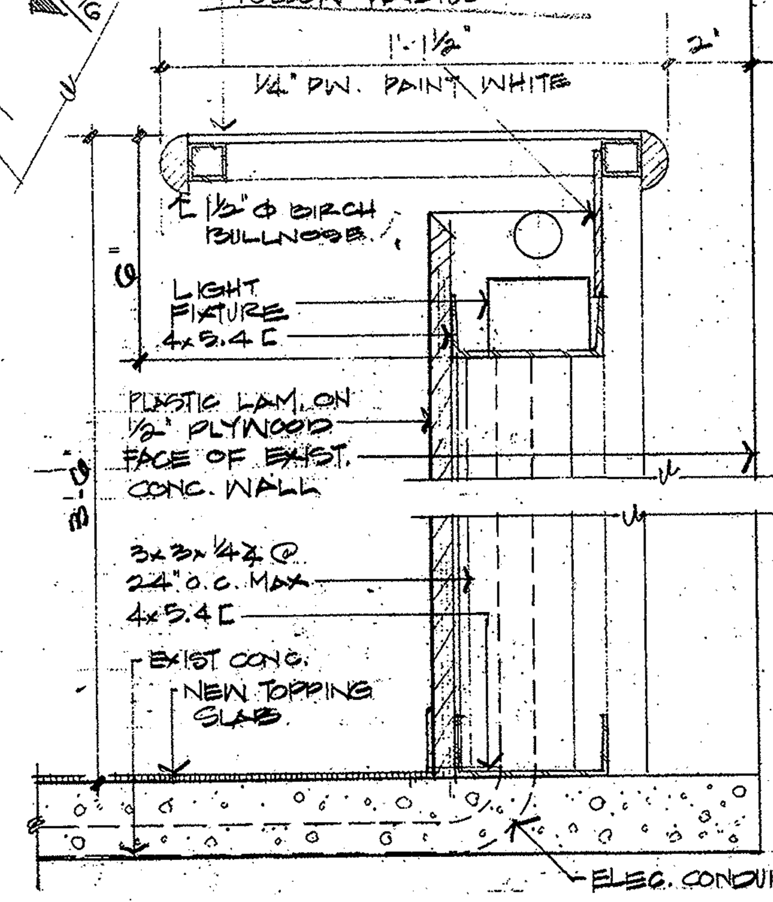
C A10 E. ELEV. of KITCHEN / BAR



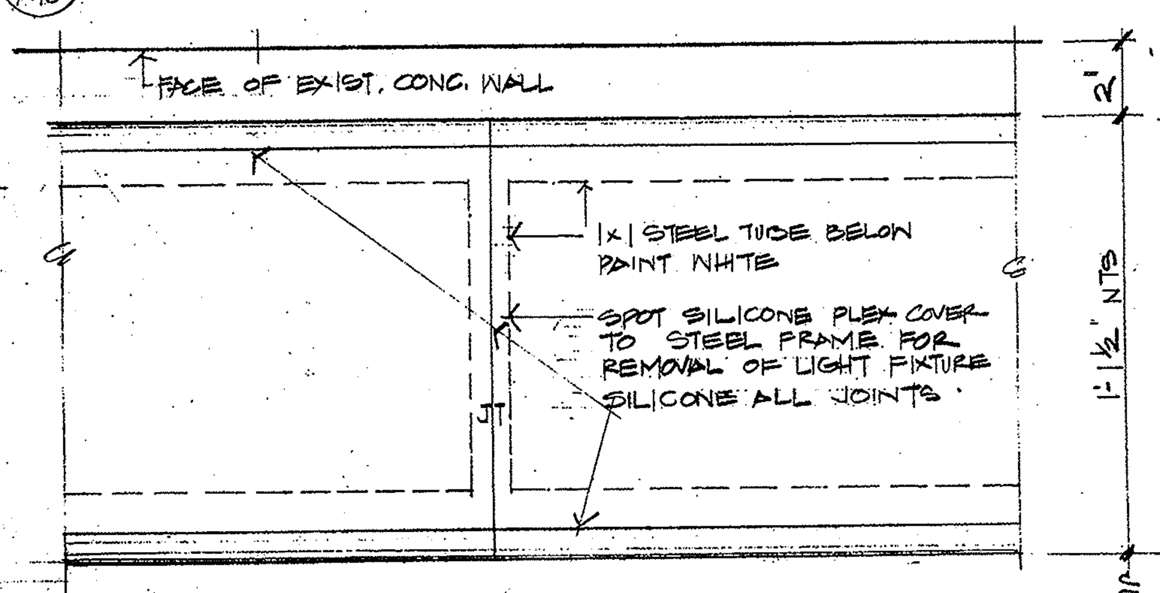
D A10 S. ELEV. of KITCHEN / BAR



A10 ELEV. at CONCESSIONS AREA



F A10 SEC AT STAND-UP BAR 3"=1'-0"



G A10 PLAN AT STAND-UP BAR 3"=1'-0"

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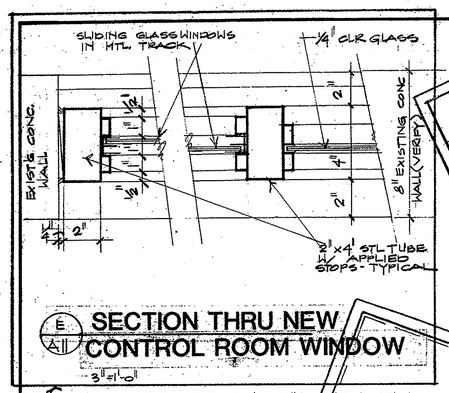
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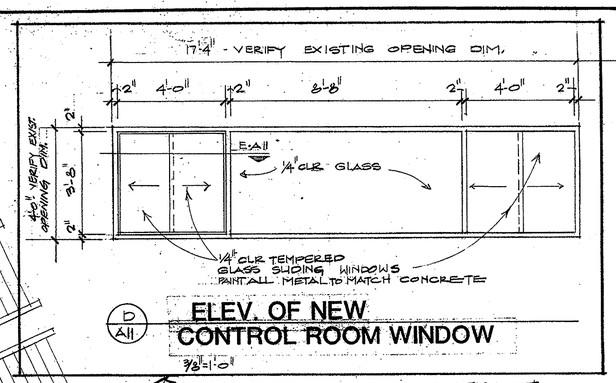
SHEET A-10 OF 24



E/A11 **SECTION THRU NEW CONTROL ROOM WINDOW**

3" = 1'-0"

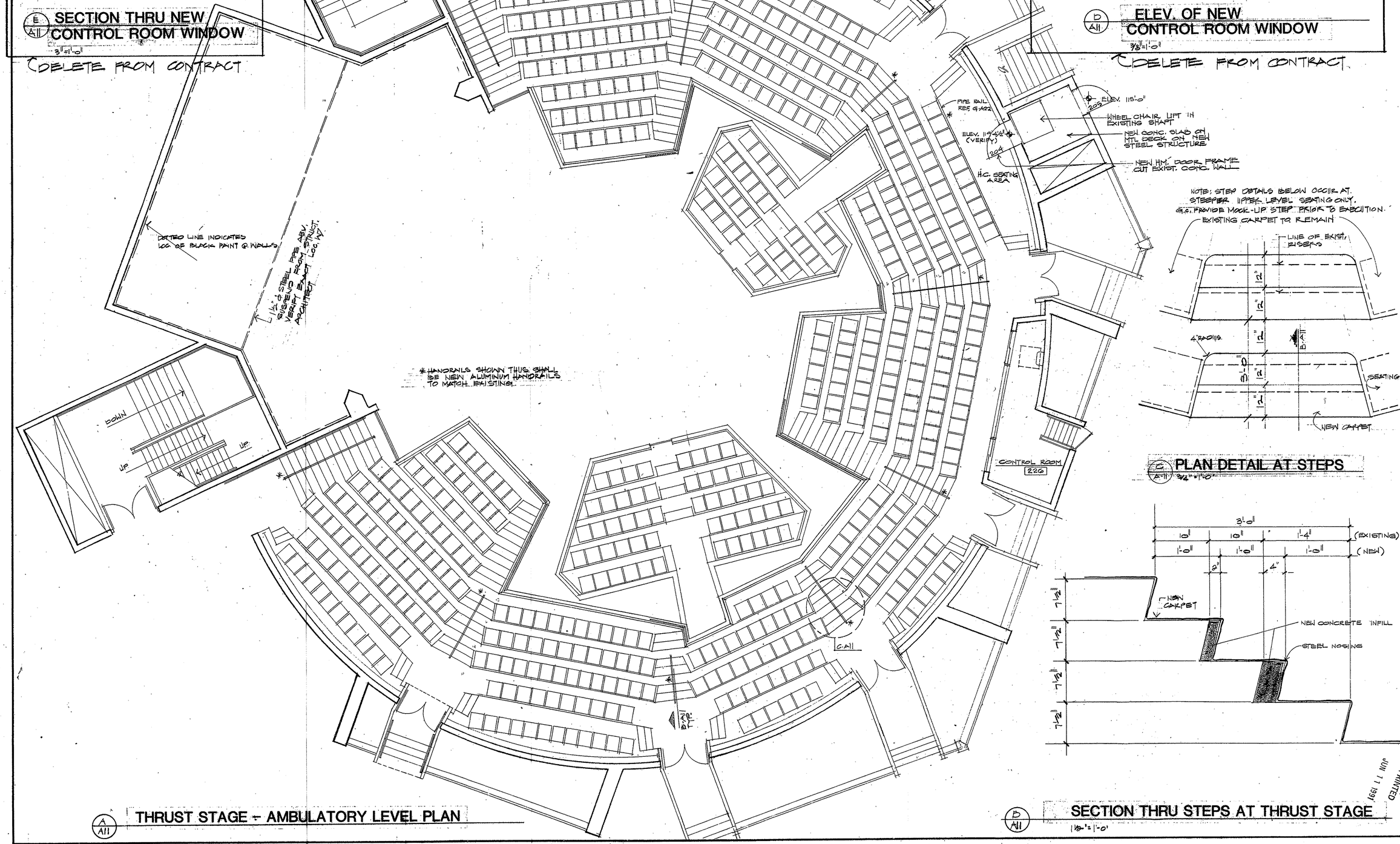
DELETE FROM CONTRACT



D/A11 **ELEV. OF NEW CONTROL ROOM WINDOW**

3/8" = 1'-0"

DELETE FROM CONTRACT



A/A11 **THRUST STAGE - AMBULATORY LEVEL PLAN**

NOTE: STEP DETAILS BELOW OCCUR AT STEEPER UPPER LEVEL SEATING ONLY. G.C. PROVIDE MOCK-UP STEP PRIOR TO EXECUTION.

C/A11 **PLAN DETAIL AT STEPS**

3/4" = 1'-0"

D/A11 **SECTION THRU STEPS AT THRUST STAGE**

1 1/2" = 1'-0"

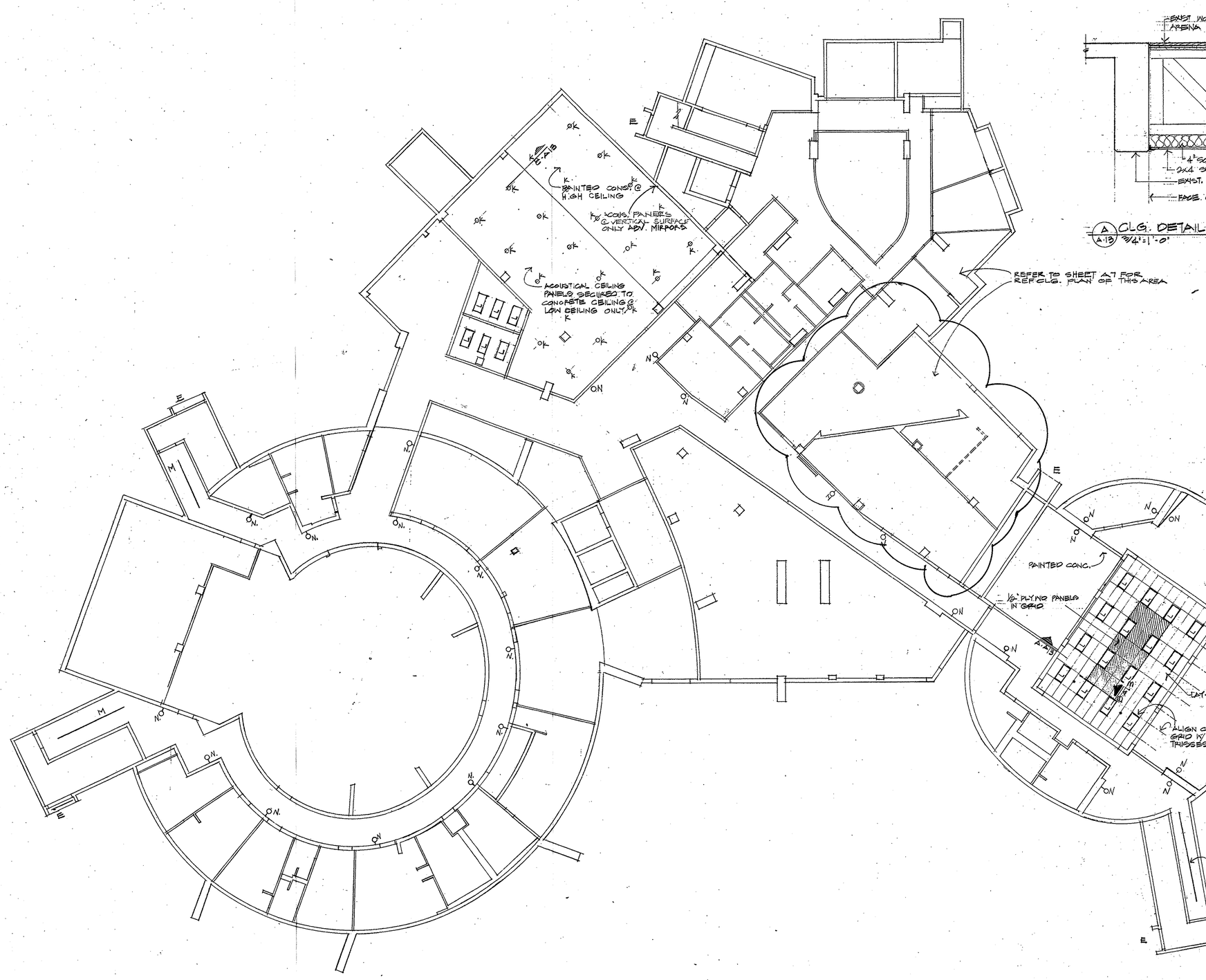
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STAGE CENTER AT FESTIVAL PLAZA

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A/A13 CLG. DETAIL @ RM. #038
3/4" = 1'-0"

B/A13 CLG. DET. @ RM. 038
3/4" = 1'-0"

C/A13 CEILING DETAIL AT ROOM #034
1 1/2" = 1'-0"

NOTE: AT AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURES SHALL REMAIN. RELAMP AS REQUIRED.

NORTH REFLECTED CEILING PLAN BASEMENT LEVEL

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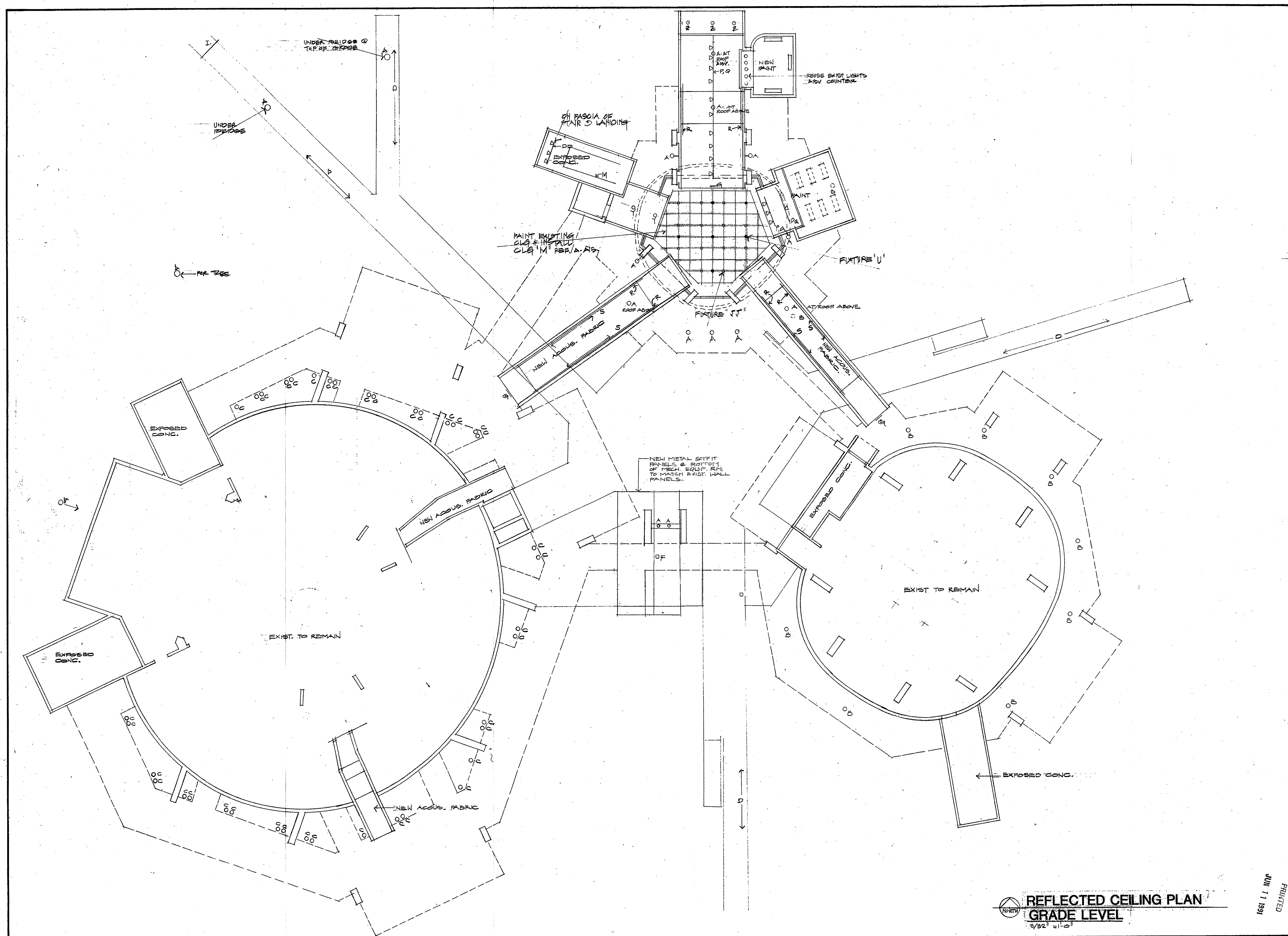
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△ 6-11-91

RENOVATION PROJECT
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REFLECTED CEILING PLAN
GRADE LEVEL
3/32" = 1'-0"

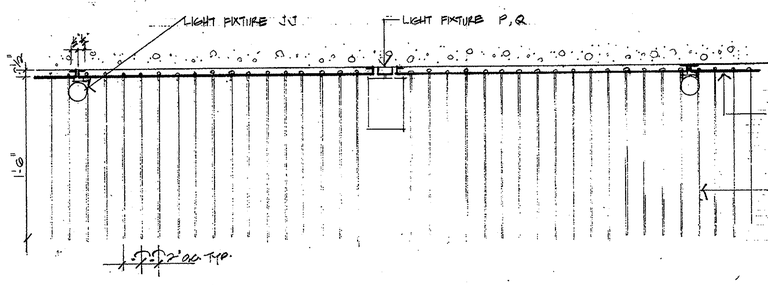
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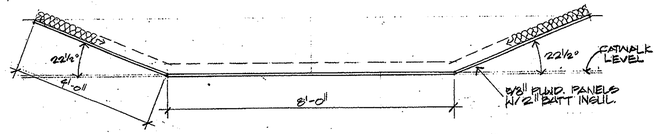
DATE ISSUED APR. 22, 1991

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STAGE CENTER AT FESTIVAL PLAZA

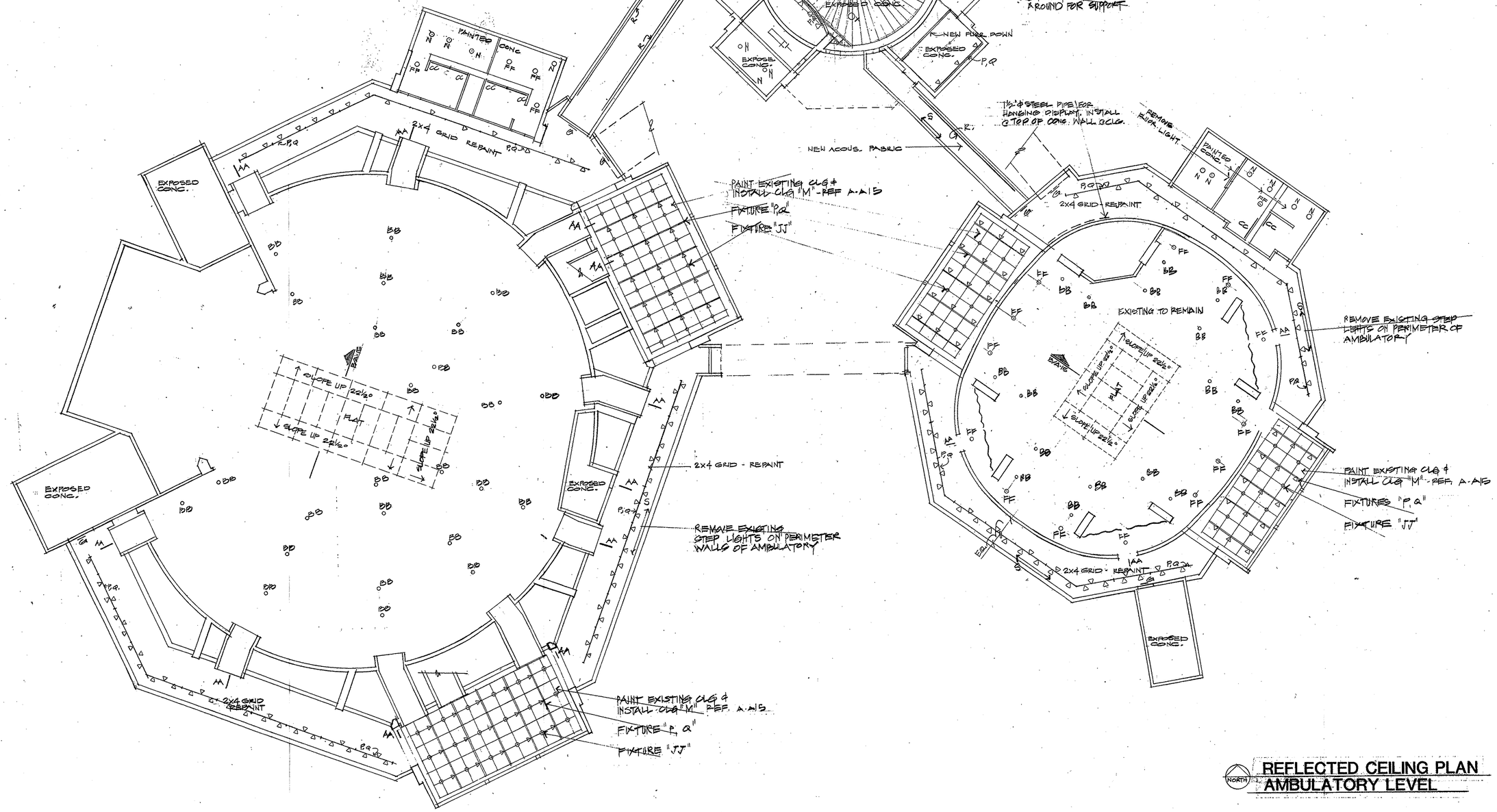
SHEET A-14 OF 24



A/A15 **DETAIL AT CEILING TYPE M**



B/A15 **DETAIL @ ACOUSTICAL PANEL**
1/2" = 1'-0"



NORTH **REFLECTED CEILING PLAN**
AMBULATORY LEVEL

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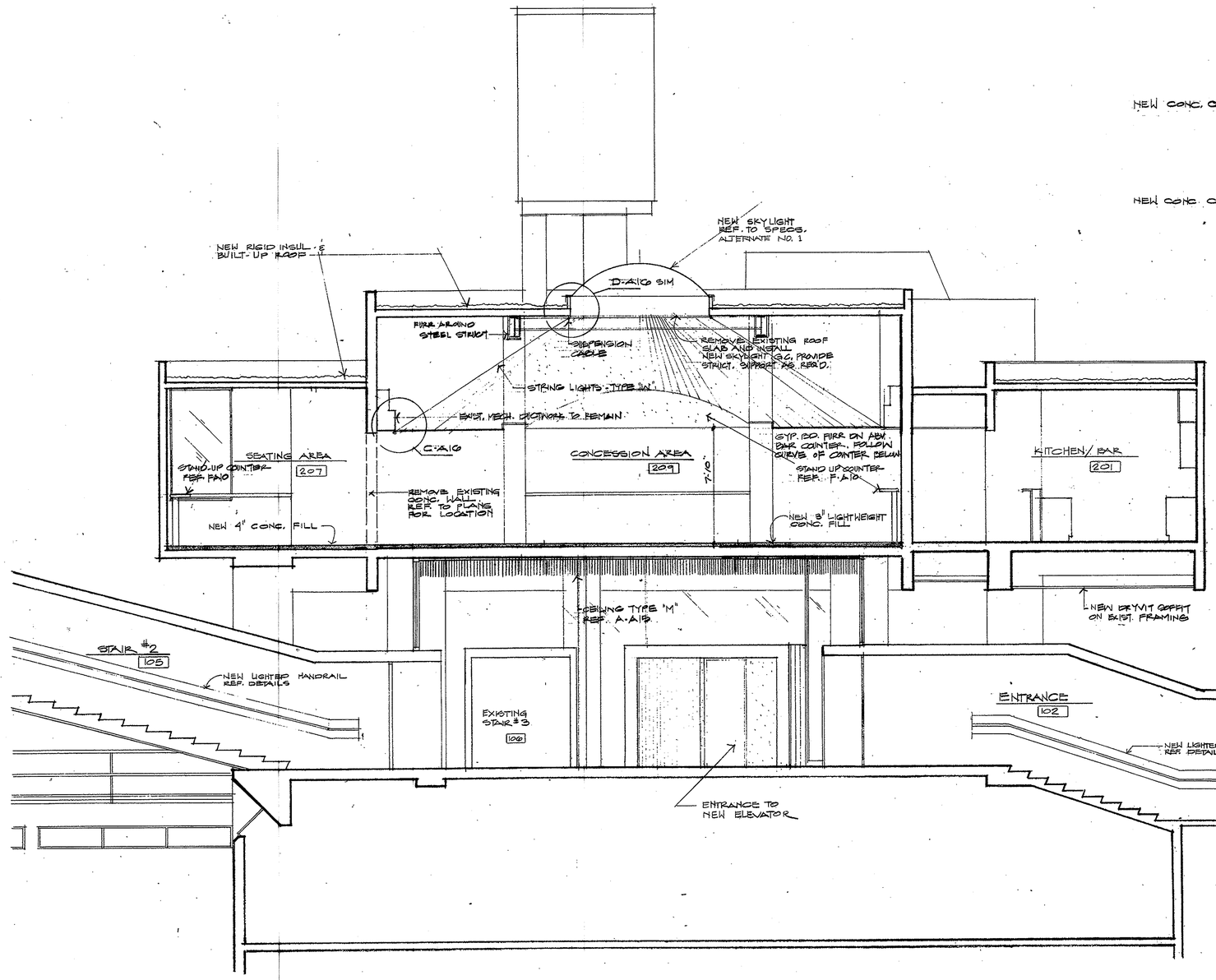
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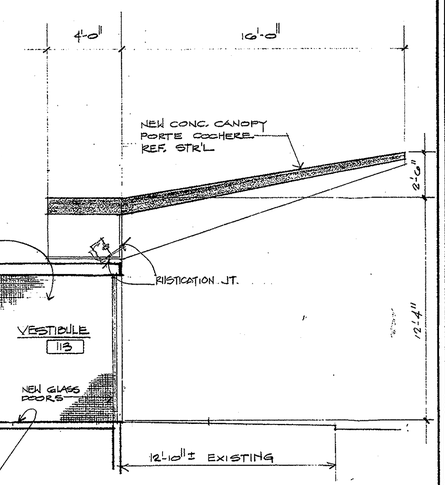
SHEET A-15
OF 24 A15

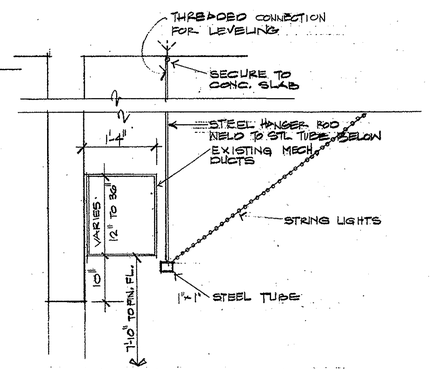


A/A16 **SECTION THRU LOBBY AND CONCESSION AREA**
1/4"=1'-0"

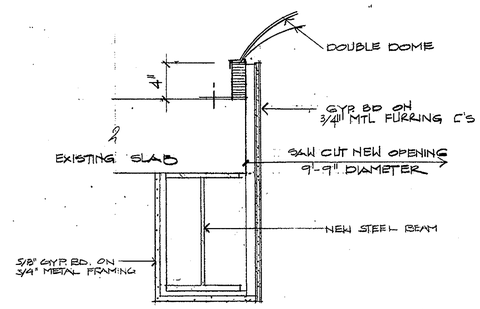


D/A16 **FRONT ELEVATION OF PORTE COCHERE**
1/4"=1'-0"





C/A16 **DETAIL AT STRING LIGHTS**
3/4"=1'-0"



D/A16 **SKYLIGHT DETAIL**
1 1/2"=1'-0"

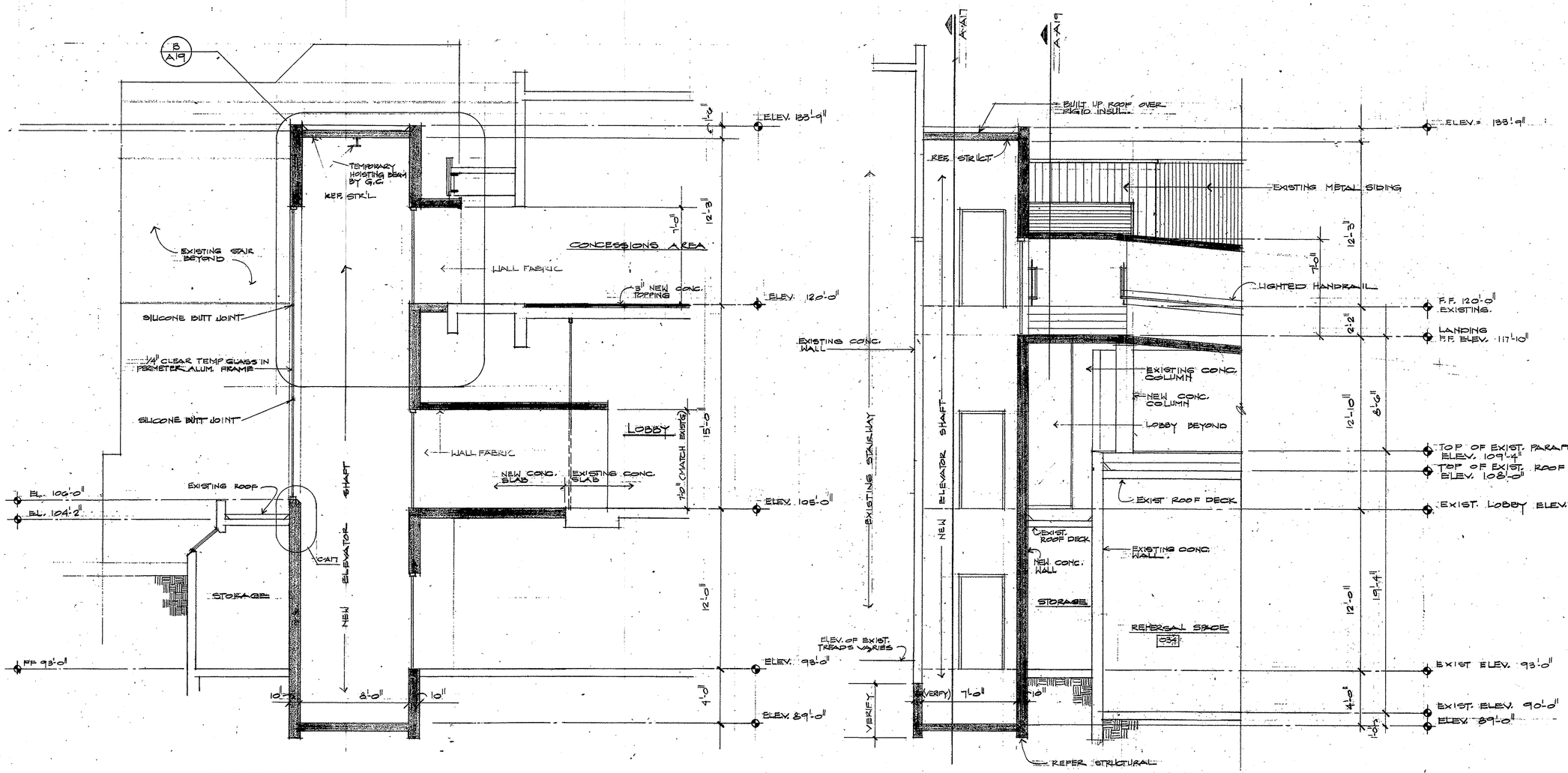
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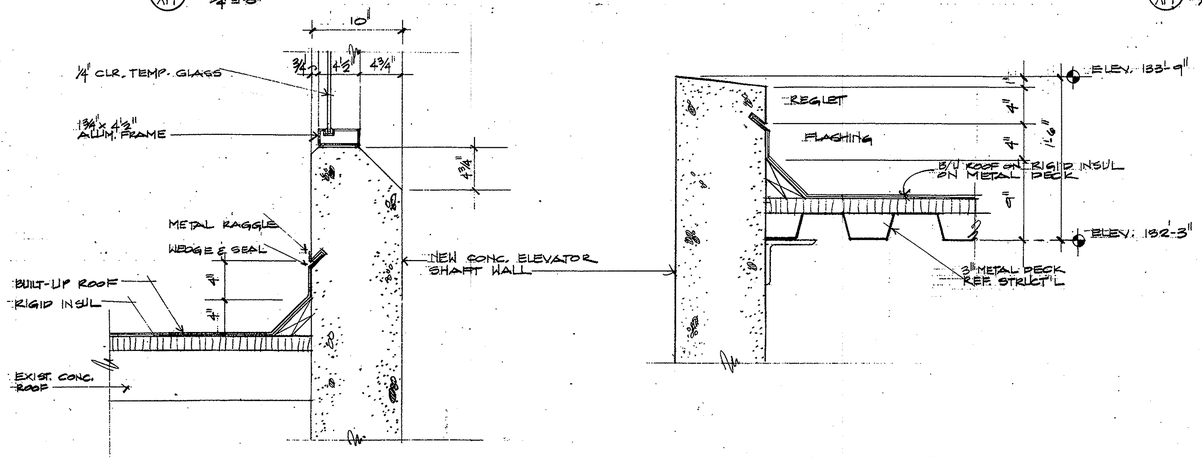
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STAGE CENTER AT FESTIVAL PLAZA

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A A17 SECTION THRU ELEVATOR SHAFT
1/4"=1'-0"

B A17 SECTION THRU ELEVATOR SHAFT
1/4"=1'-0"



C A17 DETAIL AT ELEVATOR SHAFT
1 1/2"=1'-0"

D A17 FLASHING DETAIL AT ELEVATOR SHAFT
1 1/2"=1'-0"

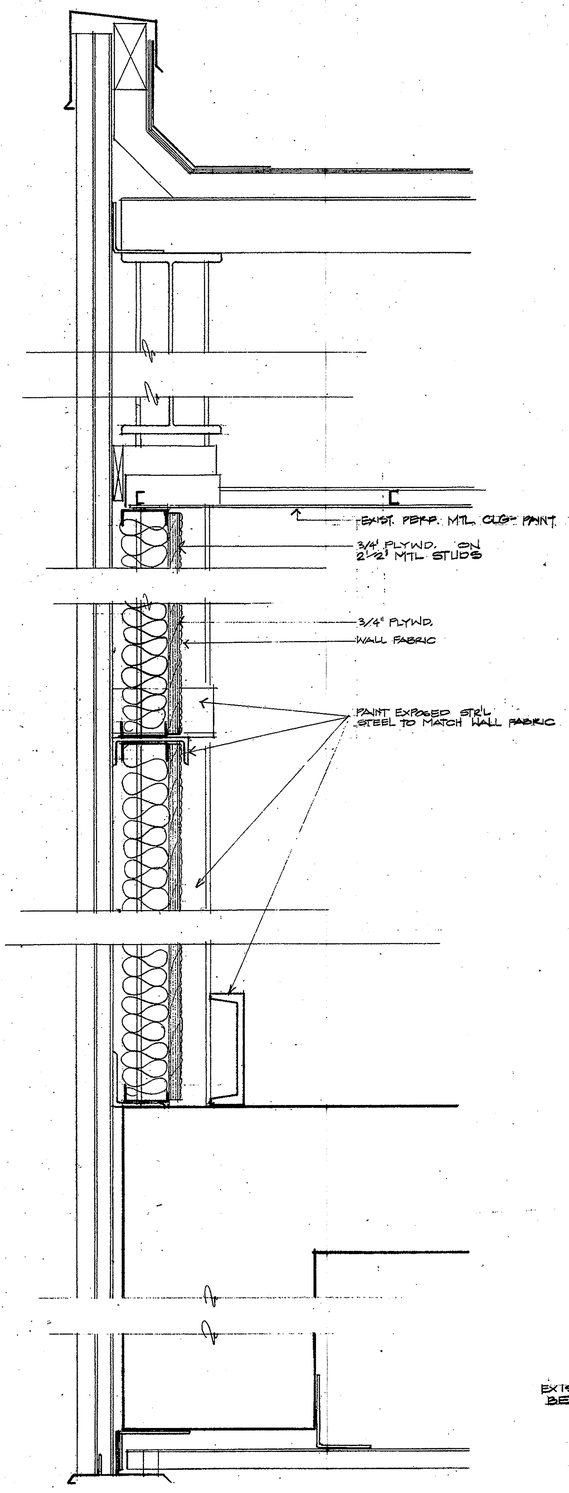
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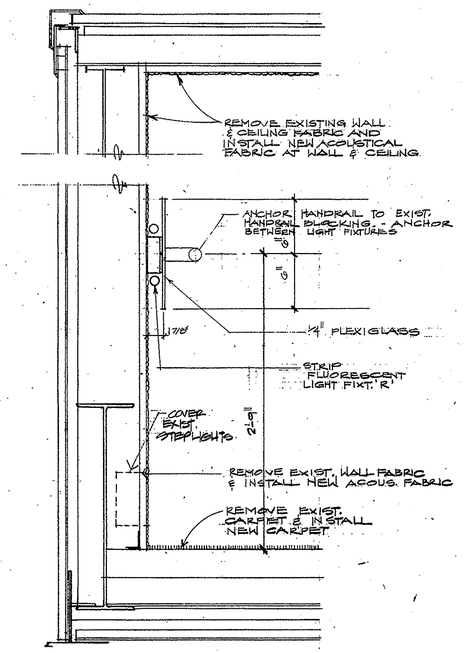
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-17
OF 24

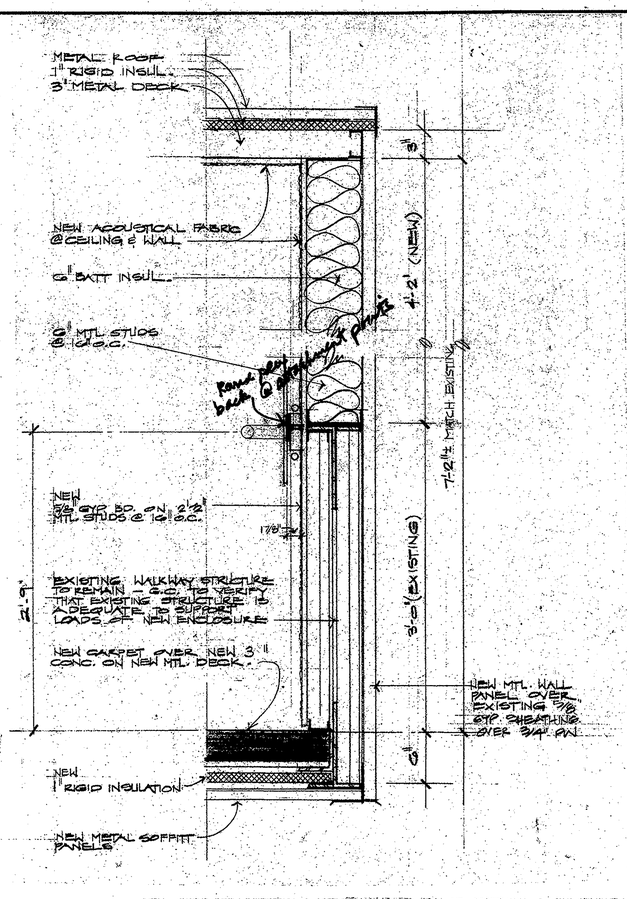
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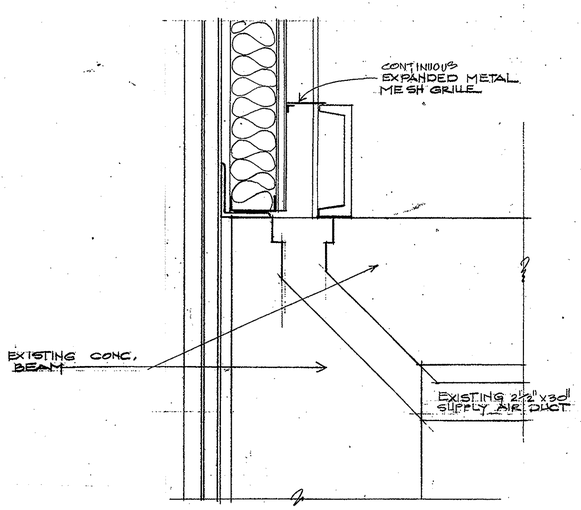
A/A18 SECTION THRU WALL AT AMBULATORY AT THRUST STAGE 3"=1'-0"



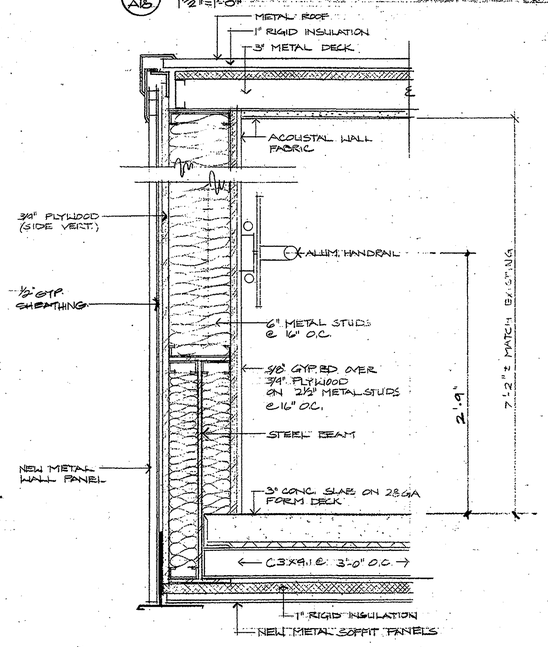
D/A18 SECTION THRU STAIRS NO. 2 & NO. 3 1 1/2"=1'-0"



D/A18 SECTION THRU BRIDGE 244 & STAIR 213 1 1/2"=1'-0"



C/A18 SECTION THRU WALL AT AMBULATORY AT ARENA STAGE 3"=1'-0"



E/A18 SECTION THRU RAMP #205 1 1/2"=1'-0"

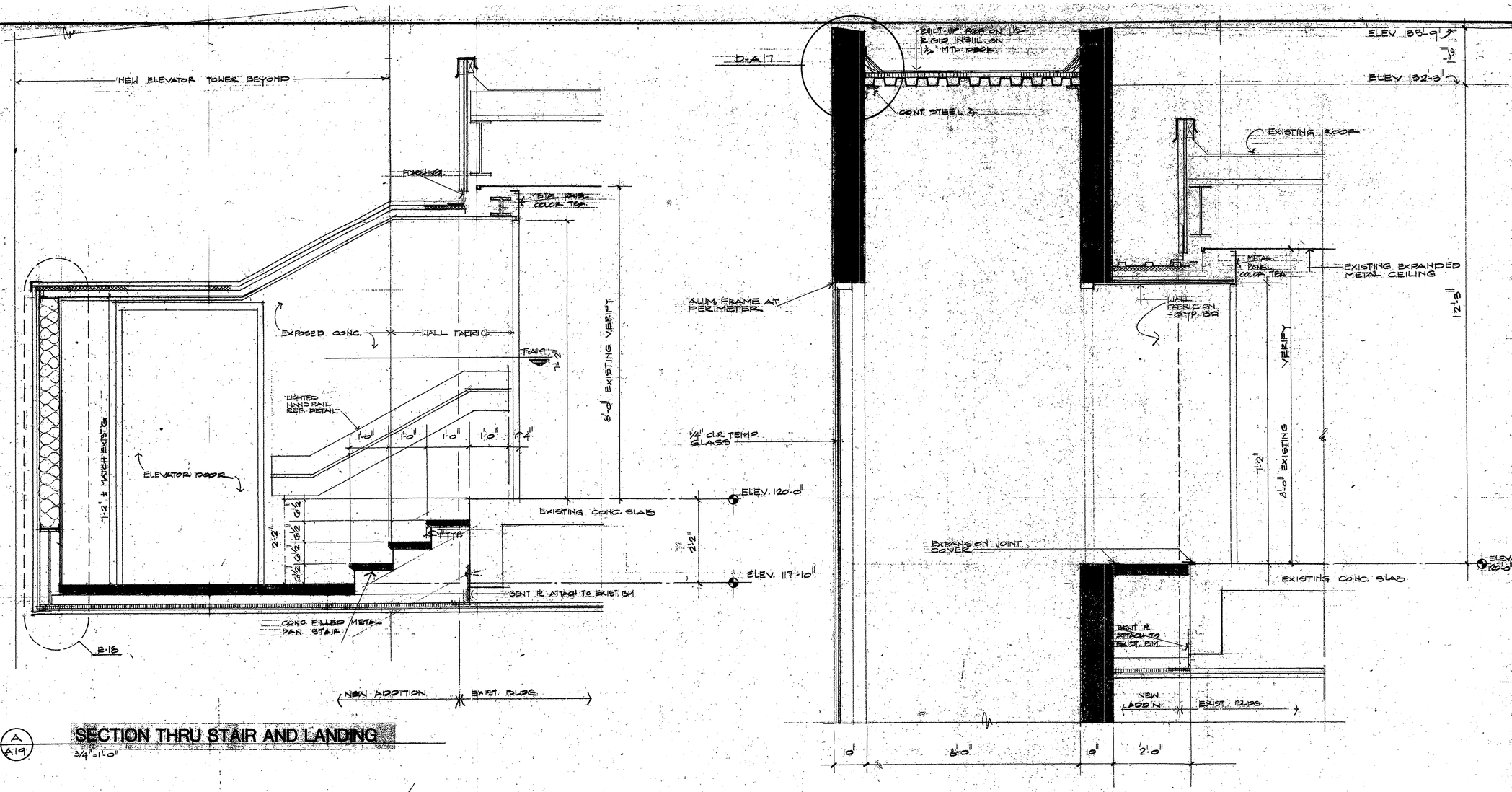
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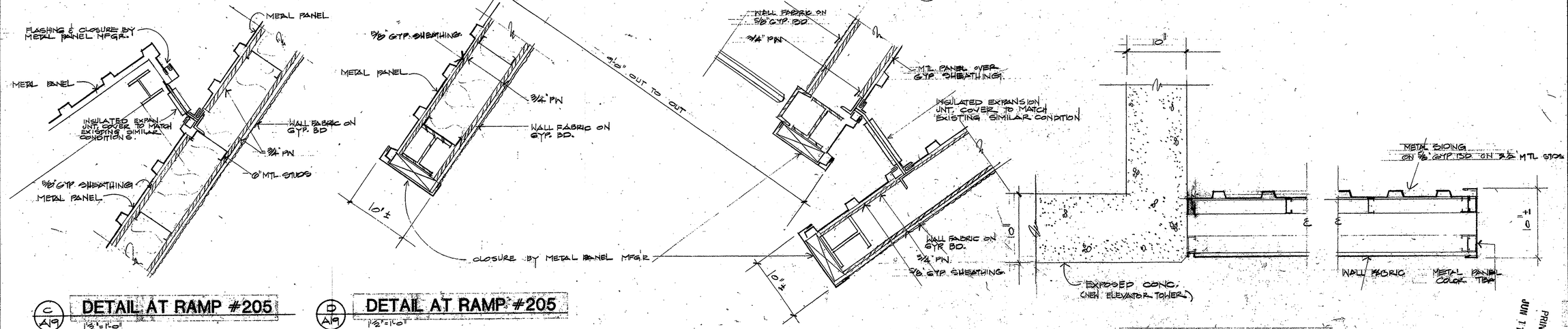
SHEET A-18
OF 24

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A A19 **SECTION THRU STAIR AND LANDING**
3/4"=1'-0"

B A19 **SECTION THRU ELEVATOR SHAFT**
3/4"=1'-0"



C A19 **DETAIL AT RAMP #205**
1 1/2"=1'-0"

D A19 **DETAIL AT RAMP #205**
1 1/2"=1'-0"

E A19 **DETAIL AT RAMP #205**
1 1/2"=1'-0"

F A19 **DETAIL AT RAMP 205**
1 1/2"=1'-0"

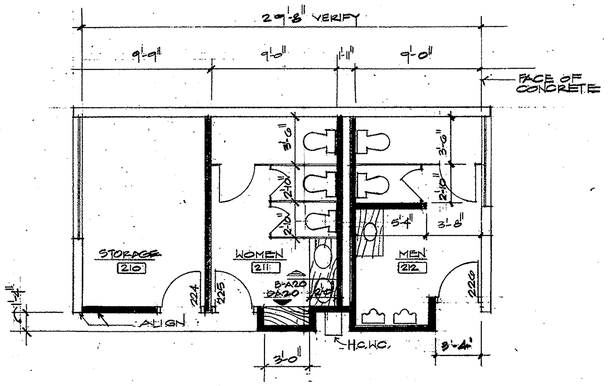
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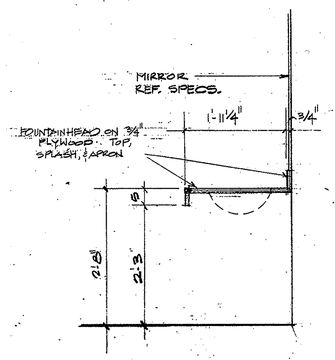
SHEET
A-19
OF 24

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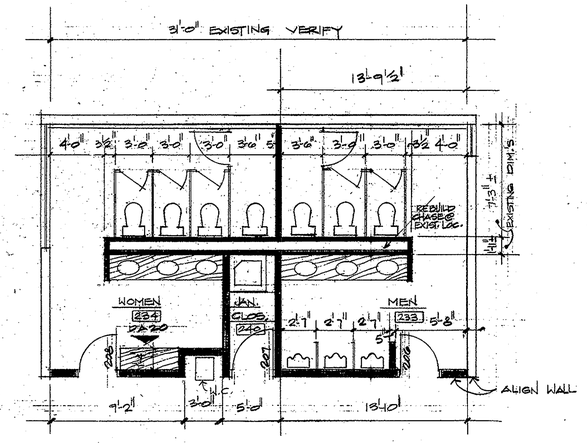
A / A20 **RESTROOM LAYOUT AT ARENA THEATRE**

3/16"=1'-0"



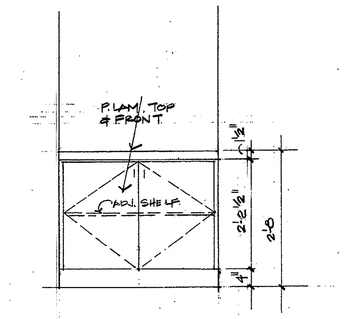
D / A20 **TYPICAL SECTION THRU LAVATORY COUNTER**

3/4"=1'-0"

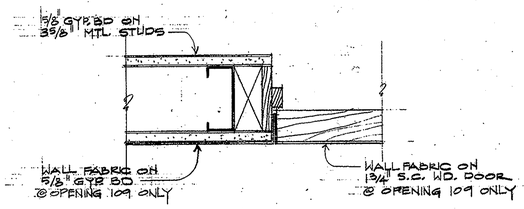


C / A20 **RESTROOM AT THRUST STAGE**

3/16"=1'-0"

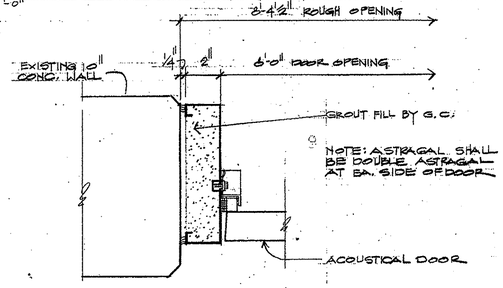


D / A20 **CABINET ELEVATION**



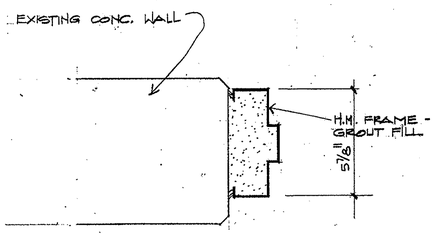
CONCEALED DOOR DETAIL / HEAD SIM. (TYPE C)

3"=1'-0"



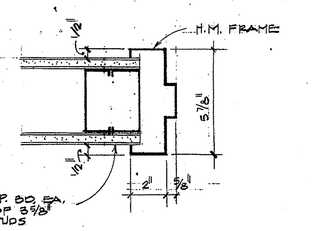
DETAIL AT ACOUSTICAL DOORS / HEAD SIM. (TYPE D)

3"=1'-0"



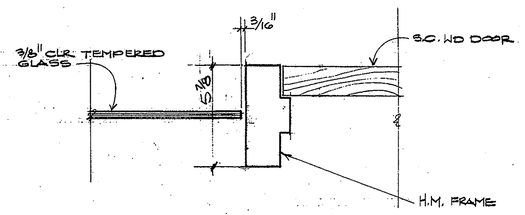
DOOR JAMB / HEAD SIM. (TYPE E)

3"=1'-0"



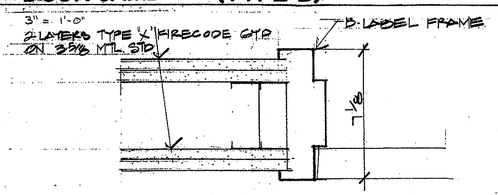
TYPICAL JAMB / HEAD SIMILAR (TYPE A)

3"=1'-0"



DOOR JAMB (TYPE B)

3"=1'-0"



DOOR JAMB / HEAD SIM. (TYPE F)

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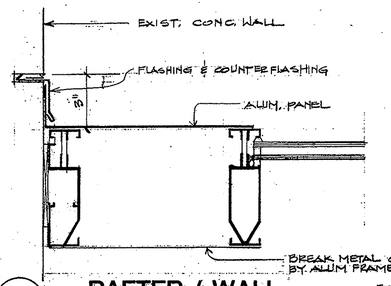
RENOVATION PROJECT

STAGE CENTER AT FESTIVAL PLAZA

SHEET A-20

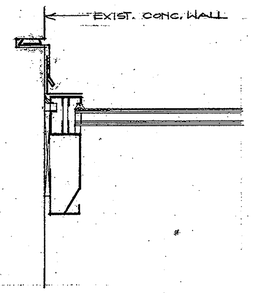
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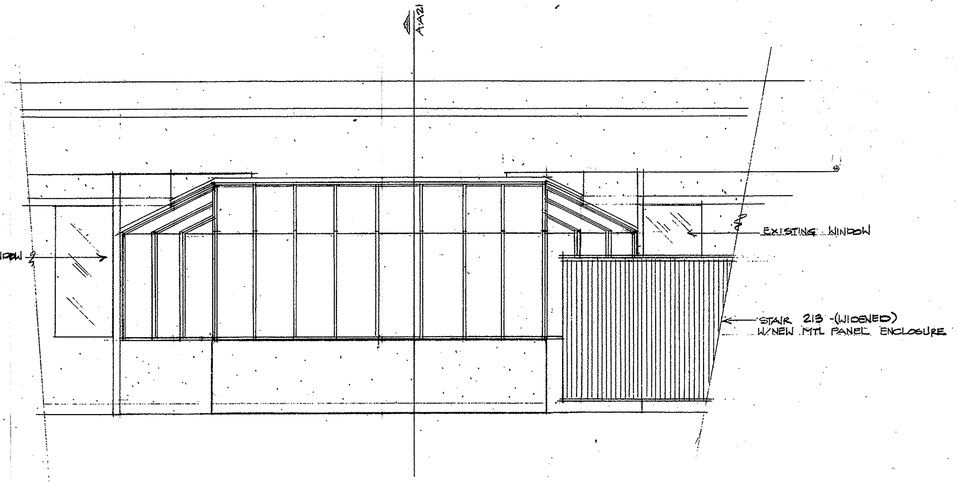
C A21 **RAFTER / WALL CONNECTION DETAIL**

3"=1'-0"



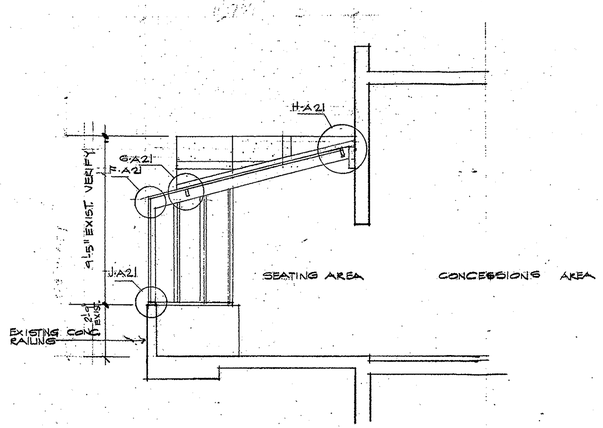
D A21 **RAFTER / WALL CONNECTION DETAIL**

3"=1'-0"



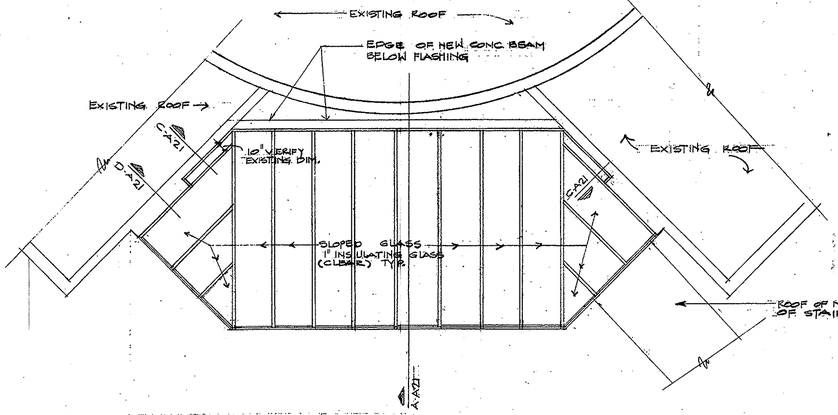
B A21 **ELEVATION**

1/4"=1'-0"



A A-21 **SECTION**

1/4"=1'-0"

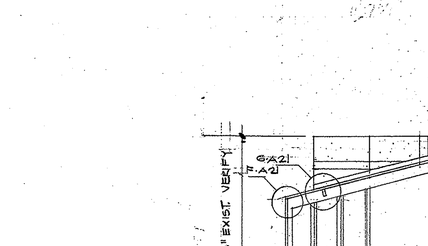


E A21 **PARTIAL ROOF PLAN**

1/4"=1'-0"

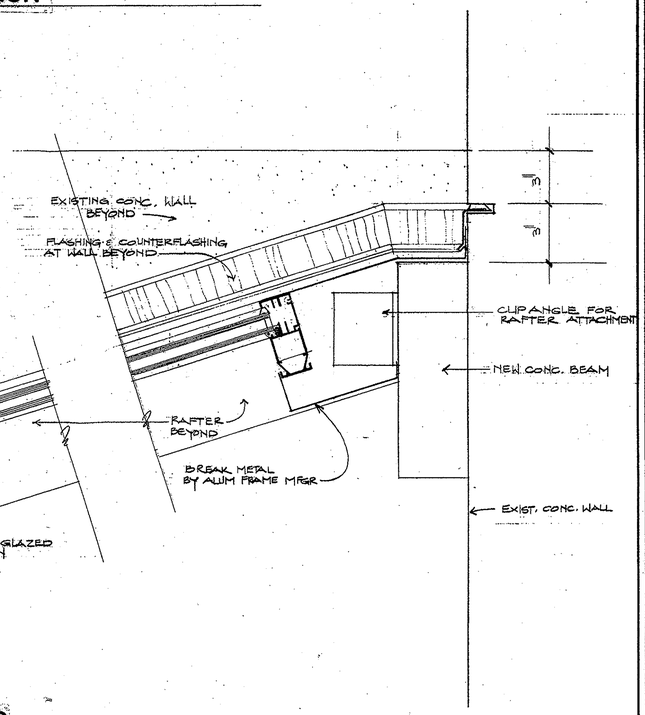
F A21 **DETAIL**

3"=1'-0"



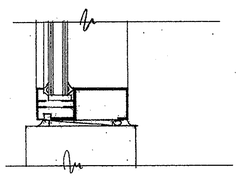
G A21 **BUTT GLAZED PURLIN DETAIL**

3"=1'-0"



H A21 **HEAD DETAIL**

3"=1'-0"



J A21 **SILL DETAIL**

3"=1'-0"

DELETE ENTIRE SHEET FROM CONTRACT

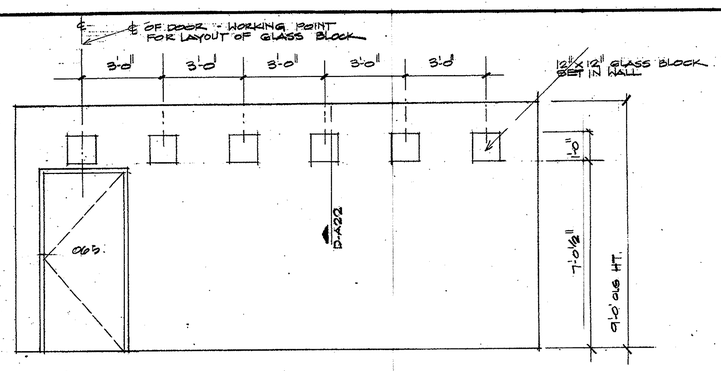
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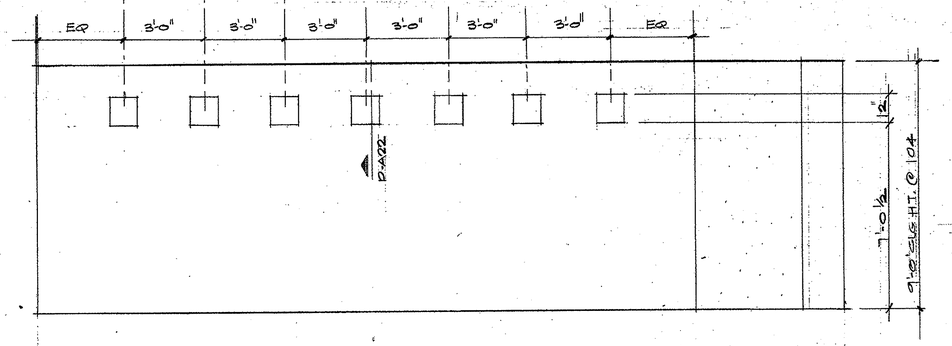
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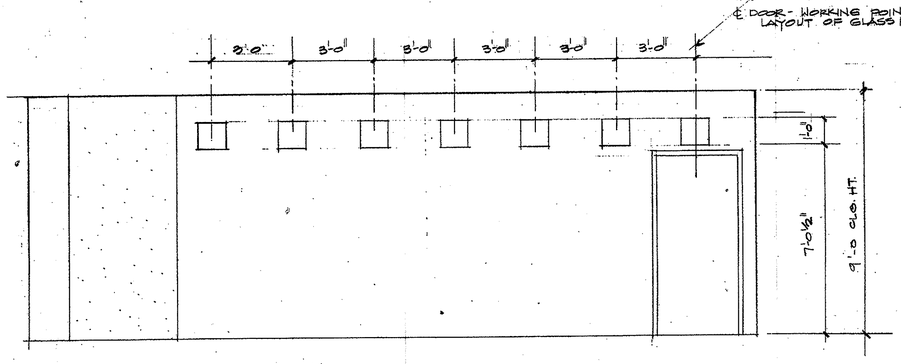
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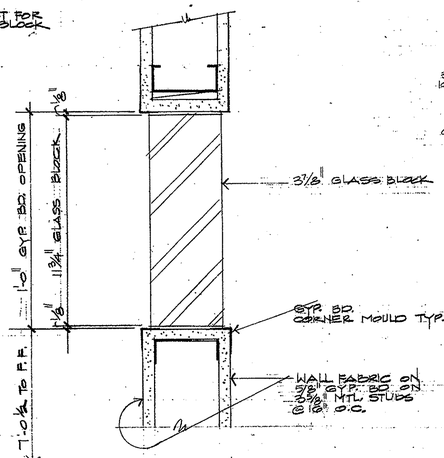


A A22 **ELEV.- CONFERENCE 014**
3/8"=1'-0"

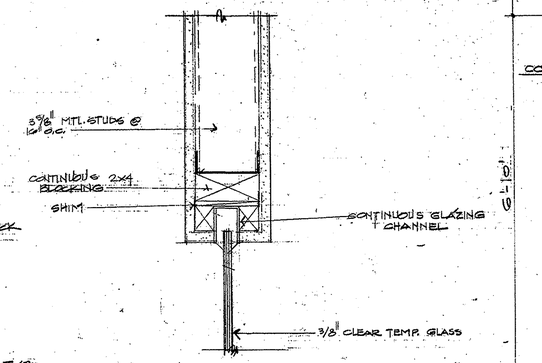


C A22 **ELEV.- CONFERENCE 014**
3/8"=1'-0"

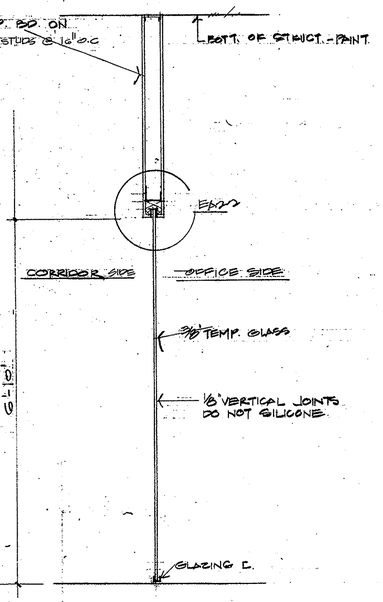
B A22 **ELEV.- CONFERENCE 014**
3/8"=1'-0"



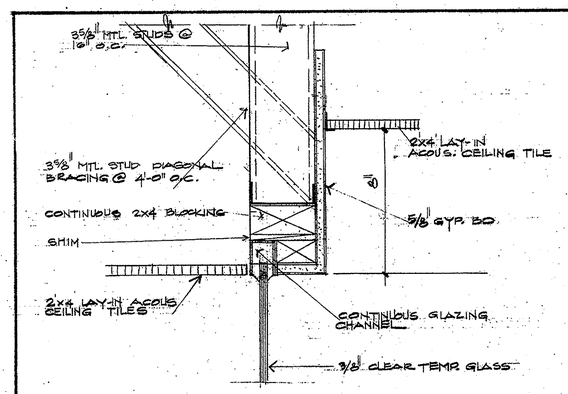
D A22 **DETAIL AT GLASS BLOCK AT CONF. 014**
3"=1'-0"



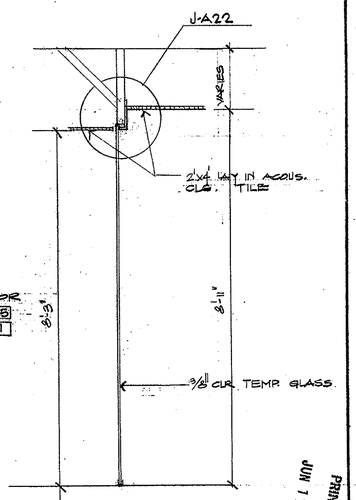
E A22 **HEAD AT INT. GLASS WALL**
3"=1'-0"



F A22 **SECTION THRU INT. GLASS WALL**
3/4"=1'-0"

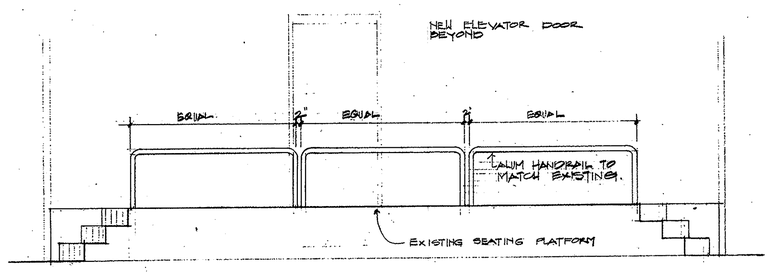


J A22 **HEAD AT INT.GLASS WALL**
3"=1'-0"



DELETE FROM CONTRACT

K A22 **SECTION THRU INTERIOR GLASS WALL**
3/8"=1'-0"



G A22 **ELEV. OF RAIL AT THRUST STAGE H. C. SEATING**
3/8"=1'-0"

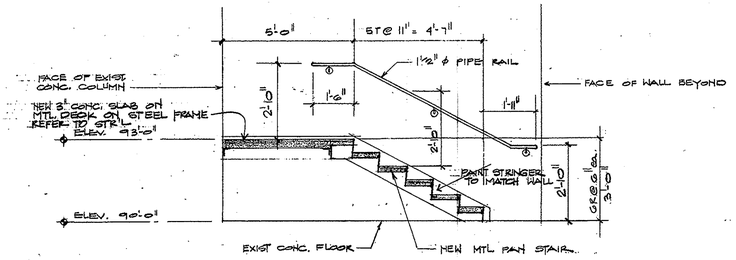
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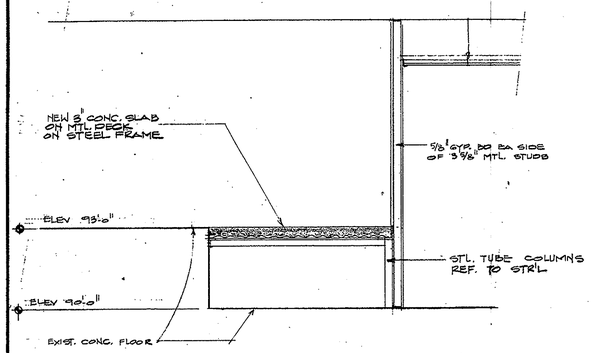
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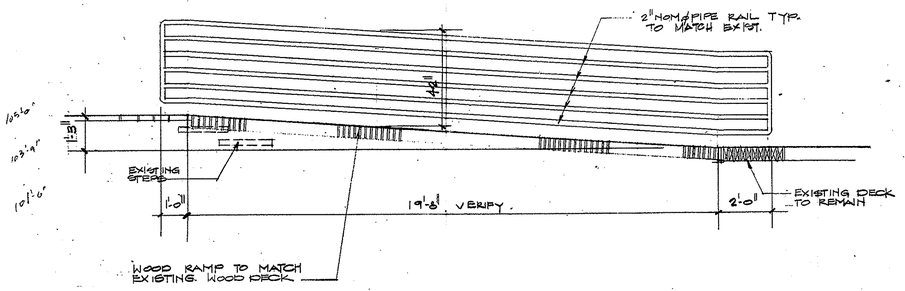


A/A23 **SECTION THRU STAIR**
3/8" = 1'-0"

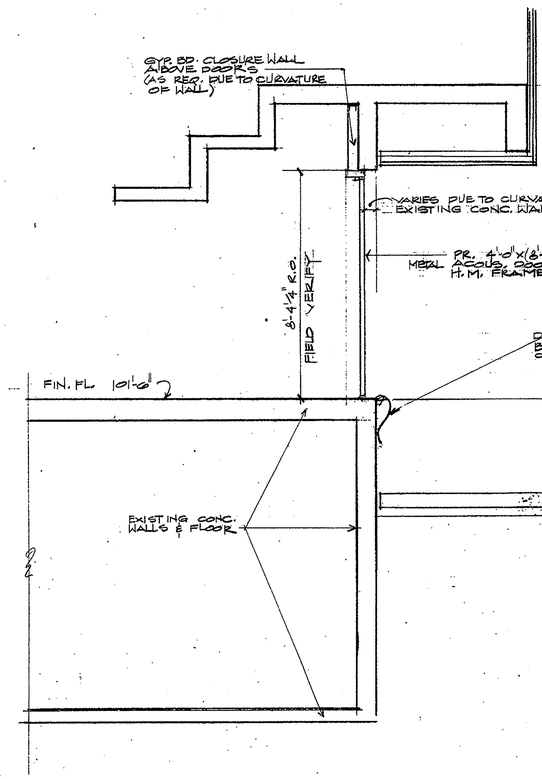


E/A23 **SECTION THRU A.I.A. RECEPTION – 015**

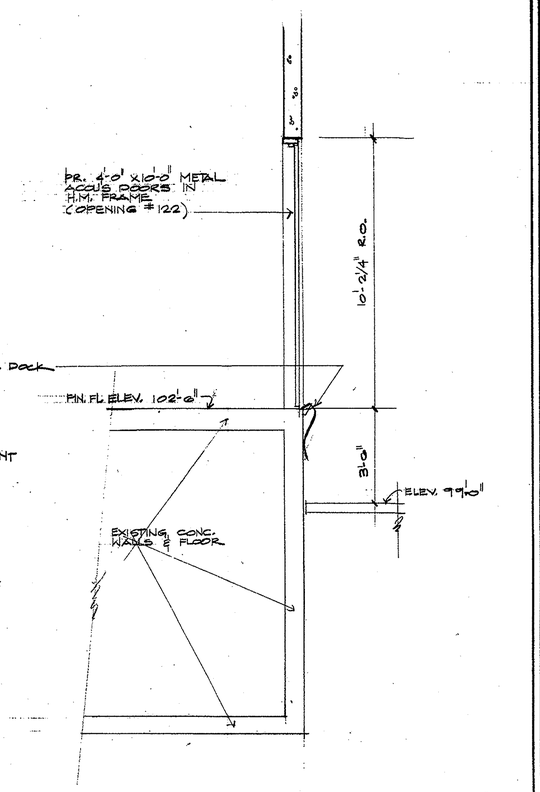
DELETE FROM CONTRACT



F/A23 **SECTION THRU RAMP AT PLAZA**



G/A23 **SECTION THRU NEW LOADING DOCK – ARENA STAGE** 3/8" = 1'-0"



H/A23 **SECTION THRU NEW LOADING DOCK – THRUST STAGE** 3/8" = 1'-0"

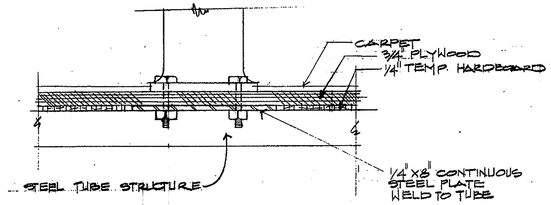
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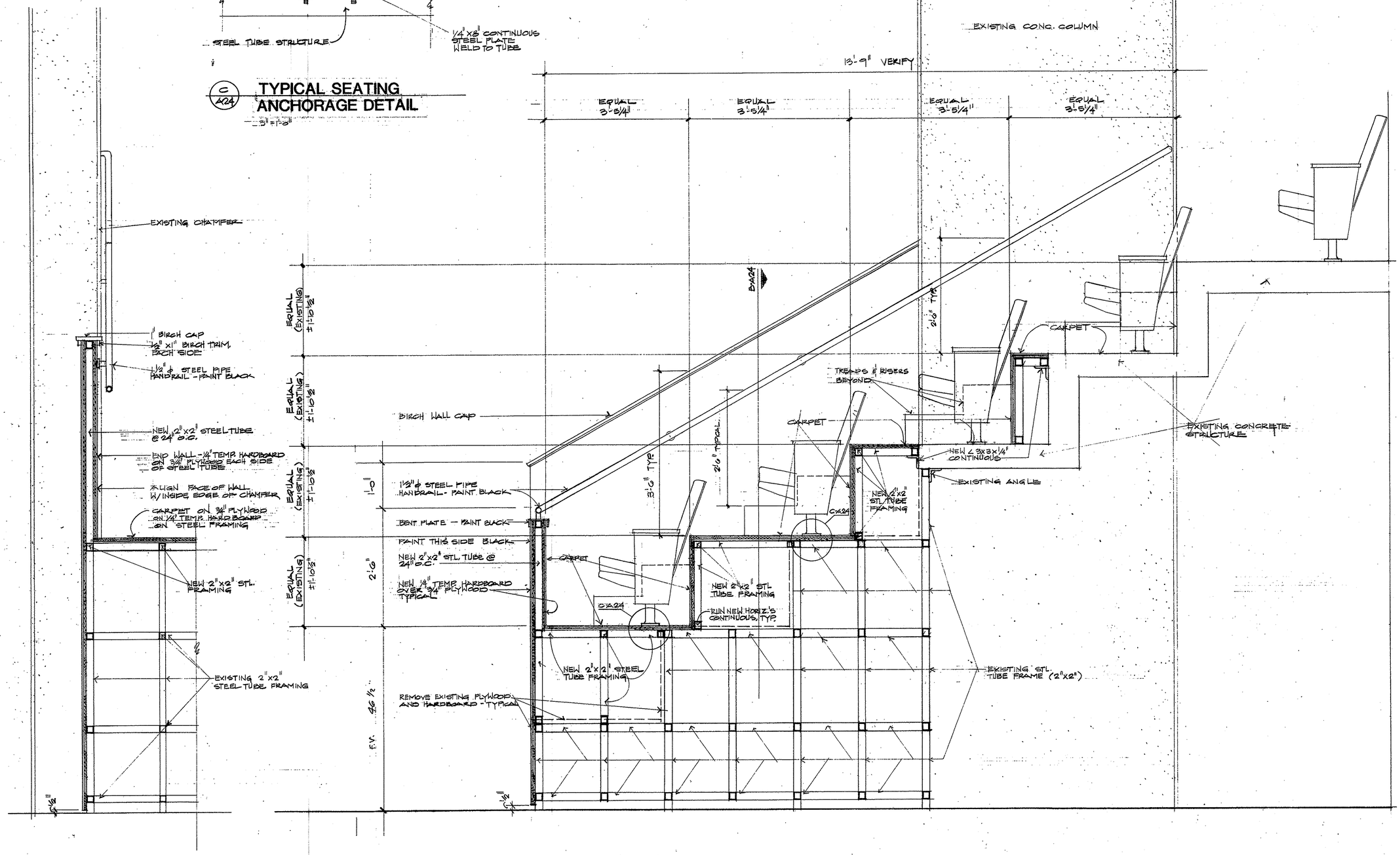
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SHEET A-23
OF 24



C/A24 **TYPICAL SEATING ANCHORAGE DETAIL**

3" = 1'-0"



B/A24 **SECTION THRU END WALL**

1" = 1'-0"

A/A24 **SECTION THRU ARENA STAGE SEATING**

1" = 1'-0"

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SPECIFIC PLUMBING DEMOLITION NOTES: (◯)

1. REMOVE EXISTING WATER CLOSET, LAV, AND SHOWER TRIM. CAP ALL EXISTING SERVICES AT FLOOR OR ABOVE CEILING AS REQUIRED.
2. REMOVE EXISTING GAS PIPING AND DELIVER TO OWNER FOR REUSE - SEE SHEET A-2D. CAP SERVICE AT WALL AS REQUIRED.
3. REMOVE EXISTING LAUNDRY SINK AND RELOCATE TO NEW SCENE SHOP 064. SEE SHEET A2 AND P1 FOR CONTINUATION. CAP EXISTING SERVICES AT WALL, FLOOR, OR CEILING AS REQUIRED.
4. REMOVE EXISTING JANITOR'S SINK IN THIS AREA. CAP EXISTING SERVICES AT WALL, FLOOR, OR CEILING AS REQUIRED.
5. REMOVE EXISTING LAVATORY. CAP EXISTING SERVICES AT CEILING, WALL, OR FLOOR AS REQUIRED.
6. REMOVE EXISTING DRINKING FOUNTAIN. CAP EXISTING SERVICES AT WALL, FLOOR, OR CEILING AS REQUIRED.
7. REMOVE ALL PLUMBING FIXTURES IN THIS ROOM. PROVIDE FOR INSTALLATION OF NEW DOUBLE SINK P-3. CAP ALL OTHER SERVICES AT WALL, FLOOR OR CEILING AS REQUIRED.
8. REMOVE EXISTING SUMP PUMP AND REPLACE WITH NEW SIMILAR TO EXISTING. REQUIREMENTS TO BE 50 GPM AT 23' HEAD, 1/2 H.P., 460/3/60.
9. REPAIR RUPTURED LINES LOCATED BEHIND DRYWALL PARTITION. PATCH WALL AS REQUIRED.

NORTH

PLUMBING DEMOLITION PLAN
BASEMENT LEVEL

SCALE: 3/32" - 1'-0"

NOTE:
1 PROVIDE VACUUM BREAKER IN ALL WATER SUPPLY LINES TO FIXTURES IN LAUNDRY ROOM #022.

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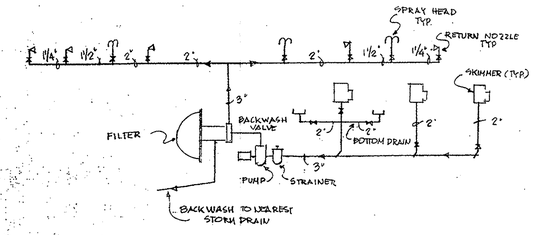
SHEET
P-1D
OF 7P

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SPECIFIC PLUMBING DEMOLITION NOTES: (◯)

1. REMOVE EXISTING CW SHUT-OFF VALVE AND REPLACE WITH STRAIGHT RUN OF PIPE. NEW ISOLATION VALVE TO BE LOCATED AT BASEMENT LEVEL - SEE SHEET P-1.
2. REMOVE EXISTING WATER CLOSET LAVATORY IN THIS ROOM, CAP ALL EXITING SERVICES AT WALL, FLOOR, OR CEILING AS REQUIRED. (TYPICAL OF TWO (2) LOCATIONS.)
3. BATHROOM CONFIGURATION AT ARENA AMBULATORY LEVEL TO CHANGE SLIGHTLY - SEE SHEETS P-3 AND P-4.
4. BATHROOM CONFIGURATION AT THRUST AMBULATORY LEVEL TO CHANGE SLIGHTLY - SEE SHEETS P-3 AND P-4.
5. REPAIR LEAKING CW PIPING AT THIS APPROXIMATE LOCATION.
6. REPAIR/REPLACE LEAKING CW, HW, HWR PIPING AT THIS APPROXIMATE LOCATION.



REFLECTING POOL FILTRATION SYSTEM
N.T.S.

NORTH

PLUMBING DEMOLITION PLAN
GRADE LEVEL

SCALE: 3/32" - 1'-0"

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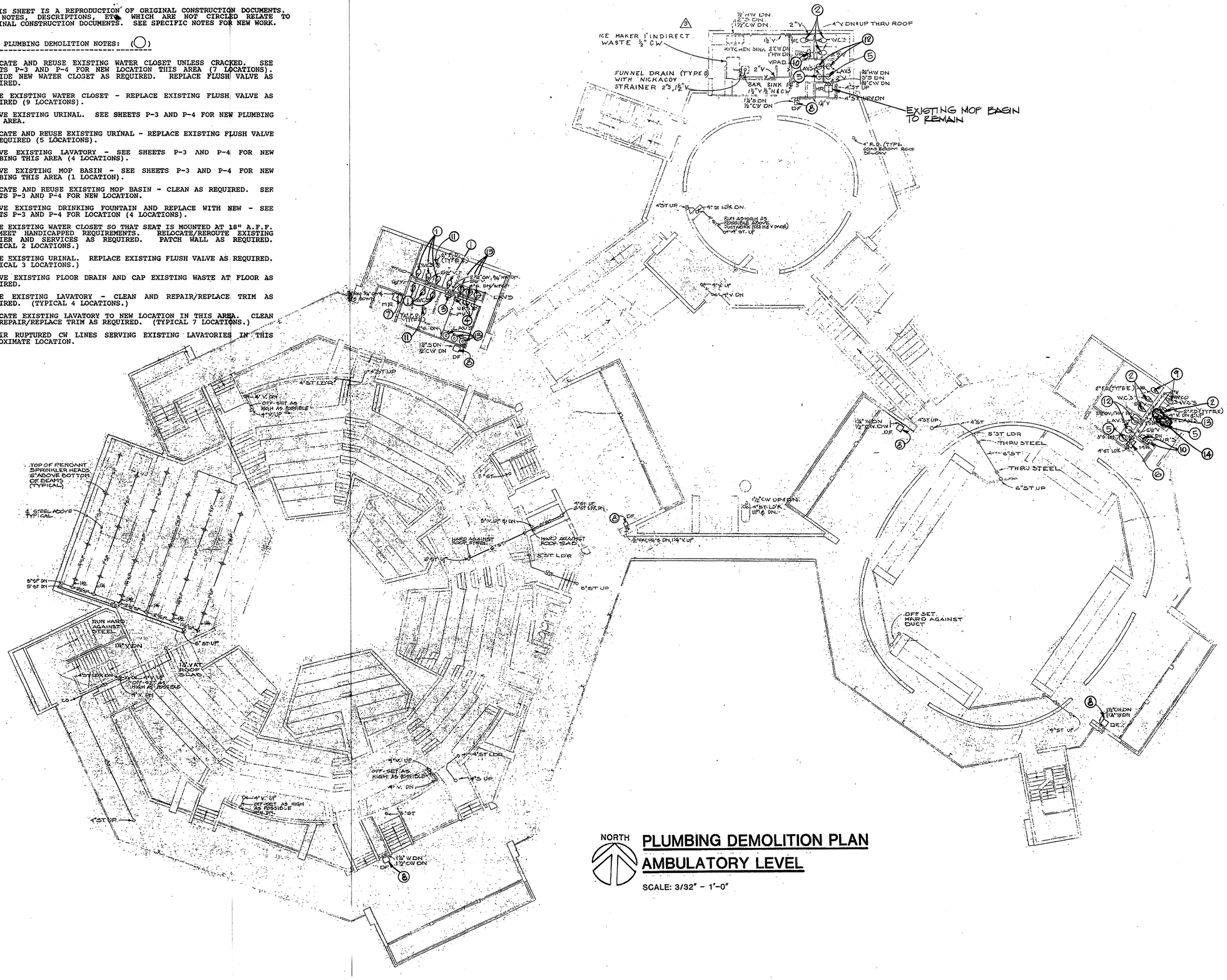
SHEET
P-2D
OF 7P

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SPECIFIC PLUMBING DEMOLITION NOTES: (◯)

1. RELOCATE AND REUSE EXISTING WATER CLOSET UNLESS CRACKED. SEE SHEETS P-3 AND P-4 FOR NEW LOCATION THIS AREA (7 LOCATIONS). PROVIDE NEW WATER CLOSET AS REQUIRED. REPLACE FLUSH VALVE AS REQUIRED.
2. REUSE EXISTING WATER CLOSET - REPLACE EXISTING FLUSH VALVE AS REQUIRED (9 LOCATIONS).
3. REMOVE EXISTING URINAL. SEE SHEETS P-3 AND P-4 FOR NEW PLUMBING THIS AREA.
4. RELOCATE AND REUSE EXISTING URINAL - REPLACE EXISTING FLUSH VALVE AS REQUIRED (5 LOCATIONS).
5. REMOVE EXISTING LAVATORY - SEE SHEETS P-3 AND P-4 FOR NEW PLUMBING THIS AREA (4 LOCATIONS).
6. REMOVE EXISTING MOP BASIN - SEE SHEETS P-3 AND P-4 FOR NEW PLUMBING THIS AREA (1 LOCATION).
7. RELOCATE AND REUSE EXISTING MOP BASIN - CLEAN AS REQUIRED. SEE SHEETS P-3 AND P-4 FOR NEW LOCATION.
8. REMOVE EXISTING DRINKING FOUNTAIN AND REPLACE WITH NEW - SEE SHEETS P-3 AND P-4 FOR LOCATION (4 LOCATIONS).
9. RAISE EXISTING WATER CLOSET SO THAT SEAT IS MOUNTED AT 18" A.F.F. TO MEET HANDICAPPED REQUIREMENTS. RELOCATE/REROUTE EXISTING CARRIER AND SERVICES AS REQUIRED. PATCH WALL AS REQUIRED. (TYPICAL 2 LOCATIONS.)
10. REUSE EXISTING URINAL. REPLACE EXISTING FLUSH VALVE AS REQUIRED. (TYPICAL 3 LOCATIONS.)
11. REMOVE EXISTING FLOOR DRAIN AND CAP EXISTING WASTE AT FLOOR AS REQUIRED.
12. REUSE EXISTING LAVATORY - CLEAN AND REPAIR/REPLACE TRIM AS REQUIRED. (TYPICAL 4 LOCATIONS.)
13. RELOCATE EXISTING LAVATORY TO NEW LOCATION IN THIS AREA. CLEAN AND REPAIR/REPLACE TRIM AS REQUIRED. (TYPICAL 7 LOCATIONS.)
14. REPAIR RUPTURED CW LINES SERVING EXISTING LAVATORIES IN THIS APPROXIMATE LOCATION.



PLUMBING DEMOLITION PLAN
AMBULATORY LEVEL

SCALE: 3/32" - 1'-0"

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RENOVATION LEVEL
STAGE CENTER AT FESTIVAL PLAZA

SHEET
P-3D
OF 7P

PLUMBING NOTES: (◯)

1. ALL PLUMBING FIXTURES IN THIS ROOM TO BE REUSED UNLESS OTHERWISE NOTED. CONTRACTOR SHALL CLEAN FIXTURE AND REPAIR/REPLACE FLUSH VALVE, FOAM, ETC. TO UPGRADE EXISTING FIXTURE TO "NEW" CONDITION. (TYPICAL 10 LOCATIONS.)
2. NOT USED.
3. NOT USED.
4. RELOCATE EXISTING PNEUMATIC EQUIPMENT IN THIS AREA TO SCENE SHOP. EXTEND EXISTING COMPRESSED AIR PIPING TO SCENE SHOP AND STAGE AREA ABOVE PER ARCHITECT'S RECOMMENDATIONS. PROVIDE 1/4" QUICK CONNECTS AS REQUIRED. REFER ARCHITECTURAL.
5. RAISE EXISTING WATER CLOSET TO HANDICAPPED HEIGHT REQUIREMENT. WATCH WALL AS REQUIRED.
6. CONNECT 1/2" HW/CW, 1-1/2" WASTE/VENT TO NEW SINK P-3 FROM NEAREST EXISTING SERVICES. VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING.
7. INSTALL NEW 3" CW S.O. GATE VALVE IN EXISTING 3" CW PIPING AT THIS LOCATION TO ISOLATE THRUST STAGE CW SERVICE.
8. INSTALL RELOCATED SERVICE SINK IN THIS LOCATION. CONNECT 1/2" HW/CW 3" WASTE, 1-1/2" VENT TO RELOCATED SERVICE SINK. SEE NOTE 3/P-3D.
9. INSTALL "WASHER BOX" IN THIS LOCATION FOR CONNECTION TO WASHER (BY OWNER). PROVIDE 2" DRAIN, 3/4" CW/HW HOSE BIBBS.
10. CONNECT 3" WASTE TO EXISTING 4" WASTE AT THIS APPROXIMATE LOCATION BELOW FLOOR SLAB. VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING.
11. CONNECT NEW 3/4" HW/CW TO EXISTING 3/4" HW/CW PIPING AT THIS LOCATION AND ROUTE AS SHOWN. VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING.
12. CONNECT NEW 1-1/2" VENT TO EXISTING 4" VENT RISER AT THIS APPROXIMATE LOCATION. VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING.
13. INSTALL NEW WALL HUNG LAVATORY P-7 (REPLACES EXISTING). SEE SPECIFICATION SECTION 15440.

EXISTING 4" WASTE

NORTH

PLUMBING PLAN BASEMENT LEVEL

SCALE : 3/32"=1'-0"

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RENOVATION PROJECT
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SHEET
P-1
OF 7P

WASTE PIPING SERVING NEW PLUMBING FIXTURES ABOVE THIS AREA TO REVISED - SEE SHEETS P-3 & P-4

WASTE PIPING SERVING NEW PLUMBING FIXTURES ABOVE THIS AREA - SEE SHEETS P-3 & P-4

PLUMBING PLAN GRADE LEVEL

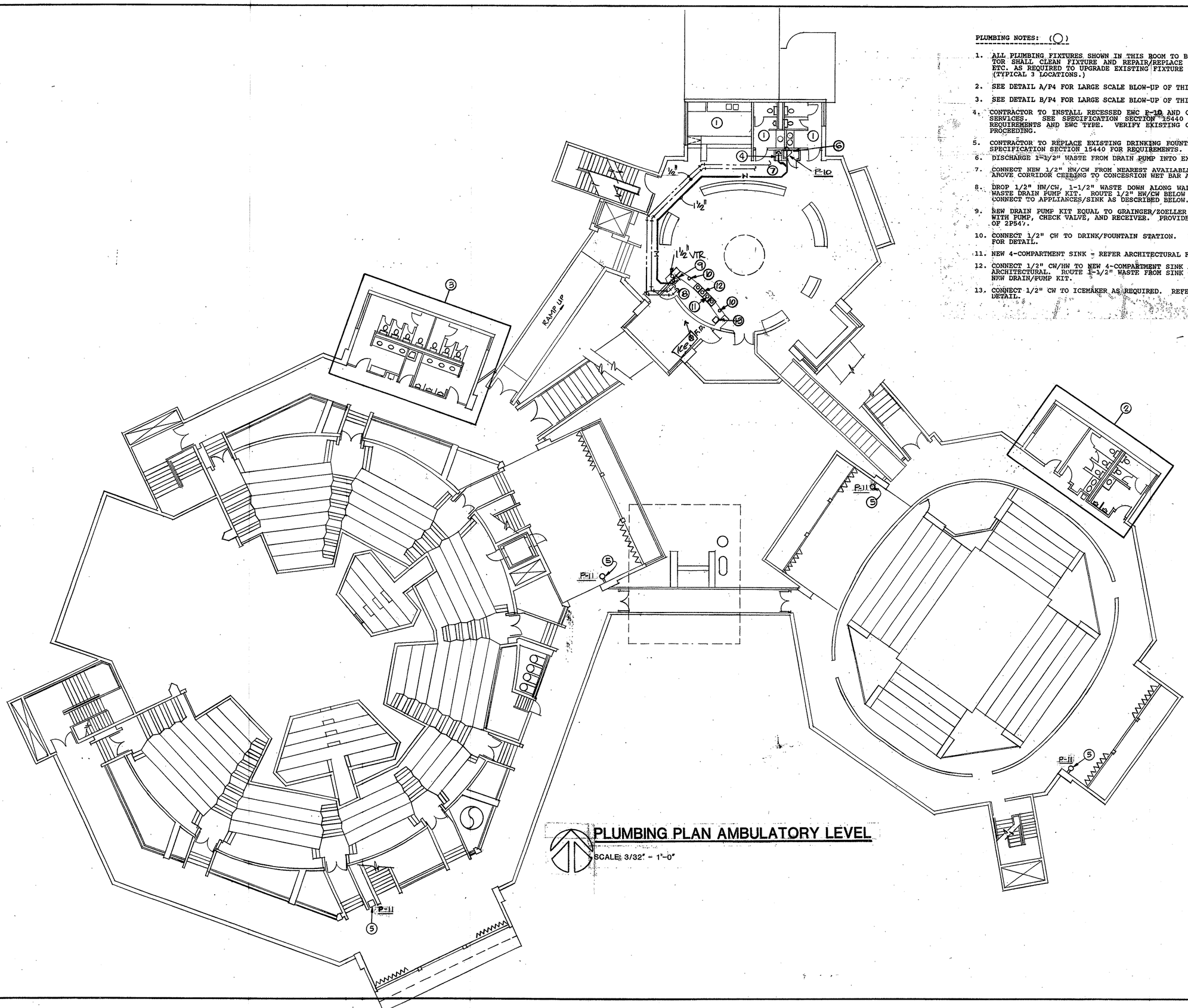
SCALE: 3/32" - 1'-0"

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SHEET
P-2
OF 7P



PLUMBING NOTES: (○)

1. ALL PLUMBING FIXTURES SHOWN IN THIS ROOM TO BE REUSED. CONTRACTOR SHALL CLEAN FIXTURE AND REPAIR/REPLACE FLUSH VALVE, TRIM, ETC. AS REQUIRED TO UPGRADE EXISTING FIXTURE TO "NEW" CONDITION. (TYPICAL 3 LOCATIONS.)
2. SEE DETAIL A/P4 FOR LARGE SCALE BLOW-UP OF THIS AREA.
3. SEE DETAIL B/P4 FOR LARGE SCALE BLOW-UP OF THIS AREA.
4. CONTRACTOR TO INSTALL RECESSED EWC P-10 AND CONNECT TO EXISTING SERVICES. SEE SPECIFICATION SECTION 15440 FOR ROUGH-IN SIZE REQUIREMENTS AND EWC TYPE. VERIFY EXISTING CONDITIONS PRIOR TO PROCEEDING.
5. CONTRACTOR TO REPLACE EXISTING DRINKING FOUNTAIN WITH NEW. SEE SPECIFICATION SECTION 15440 FOR REQUIREMENTS.
6. DISCHARGE 1-1/2" WASTE FROM DRAIN PUMP INTO EXISTING MOP BASIN.
7. CONNECT NEW 1/2" HW/CW FROM NEAREST AVAILABLE SERVICE AND ROUTE ABOVE CORRIDOR CEILING TO CONCESSION WET BAR AREA AS SHOWN.
8. DROP 1/2" HW/CW, 1-1/2" WASTE DOWN ALONG WALL. CONNECT 1-1/2" WASTE DRAIN PUMP KIT. ROUTE 1/2" HW/CW BELOW WET BAR SERVICE AND CONNECT TO APPLIANCES/SINK AS DESCRIBED BELOW.
9. NEW DRAIN PUMP KIT EQUAL TO GRAINGER/ZOELLER NO. 2P778 COMPLETE WITH PUMP, CHECK VALVE, AND RECEIVER. PROVIDE PUMP 2P350 IN LIEU OF 2P547.
10. CONNECT 1/2" CW TO DRINK/FOUNTAIN STATION. REFER ARCHITECTURAL FOR DETAIL.
11. NEW 4-COMPARTMENT SINK - REFER ARCHITECTURAL FOR DETAIL.
12. CONNECT 1/2" CW/HW TO NEW 4-COMPARTMENT SINK AS REQUIRED - REFER ARCHITECTURAL. ROUTE 1-1/2" WASTE FROM SINK OUTLETS DIRECTLY TO NEW DRAIN/PUMP KIT.
13. CONNECT 1/2" CW TO ICEMAKER AS REQUIRED. REFER ARCHITECTURAL FOR DETAIL.

PLUMBING PLAN AMBULATORY LEVEL

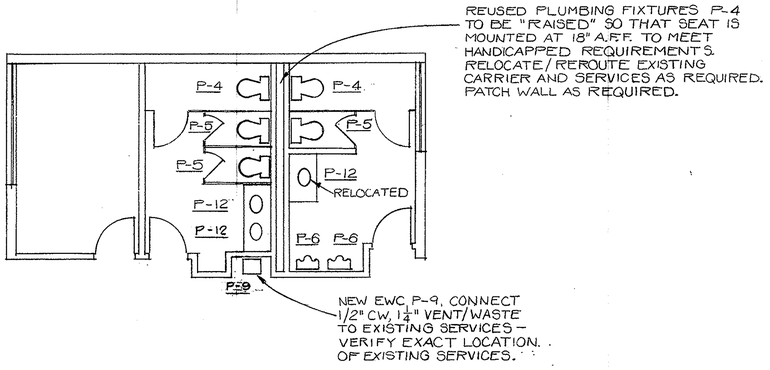
SCALE: 3/32" = 1'-0"

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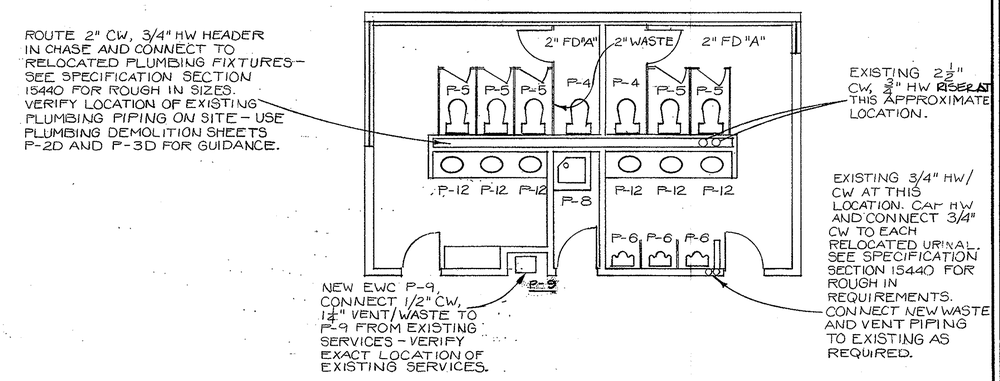
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
P-3
OF 7P



LARGE SCALE PLAN
AT ARENA STAGE RESTROOM

SCALE: 3/16" - 1'-0"



LARGE SCALE PLAN
AT THRUST STAGE RESTROOM

SCALE: 3/16" - 1'-0"

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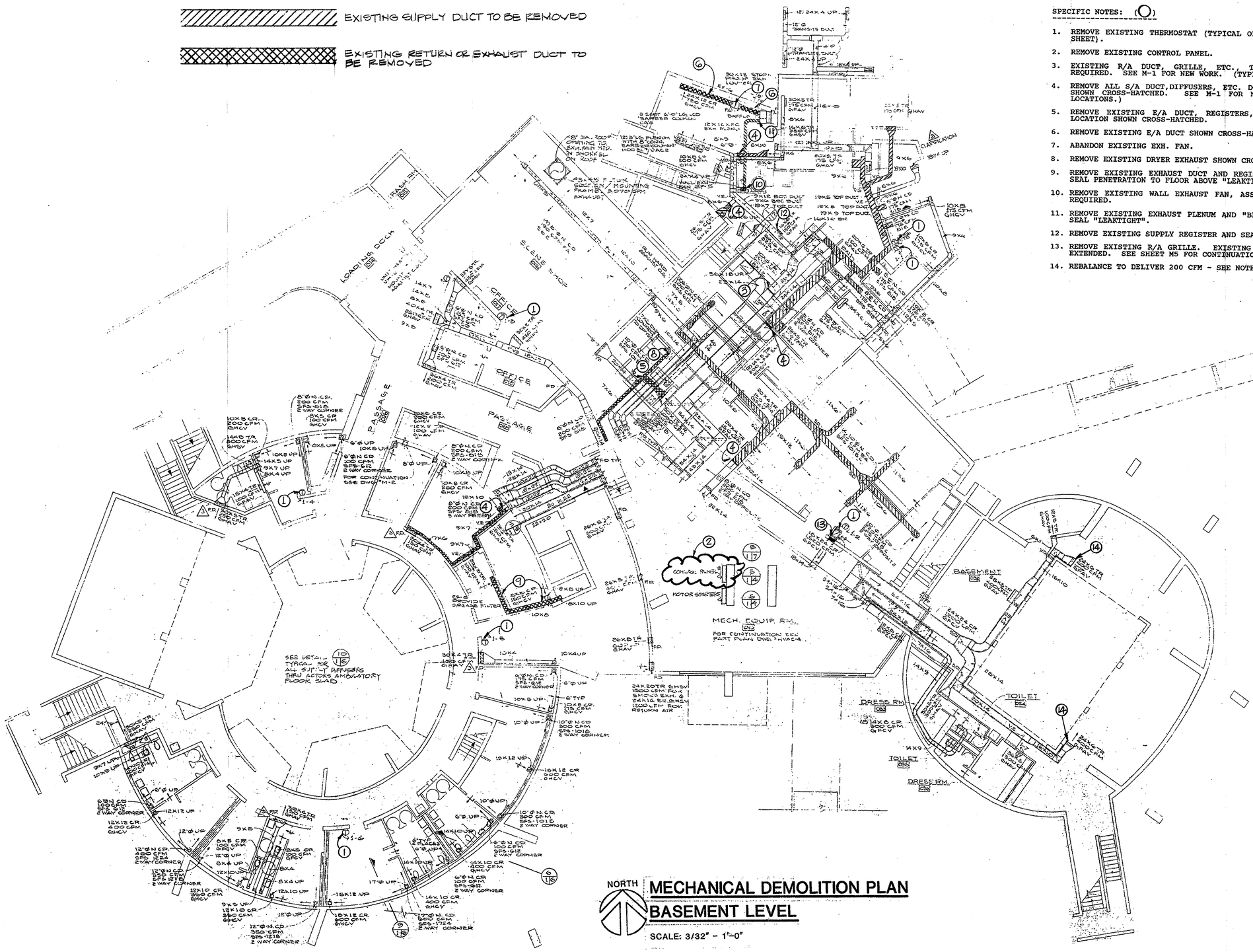
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
P-4
OF 7P

EXISTING SUPPLY DUCT TO BE REMOVED

EXISTING RETURN OR EXHAUST DUCT TO BE REMOVED



NORTH

MECHANICAL DEMOLITION PLAN
BASEMENT LEVEL

SCALE: 3/32" = 1'-0"

SPECIFIC NOTES: (○)

1. REMOVE EXISTING THERMOSTAT (TYPICAL OF EIGHT (8) LOCATIONS THIS SHEET).
2. REMOVE EXISTING CONTROL PANEL.
3. EXISTING R/A DUCT, GRILLE, ETC., TO BE REUSED. CLEAN AS REQUIRED. SEE M-1 FOR NEW WORK. (TYPICAL OF 2 LOCATIONS.)
4. REMOVE ALL S/A DUCT, DIFFUSERS, ETC. DOWNSTREAM OF THIS LOCATION SHOWN CROSS-HATCHED. SEE M-1 FOR NEW WORK. (TYPICAL OF 5 LOCATIONS.)
5. REMOVE EXISTING E/A DUCT, REGISTERS, ETC. DOWNSTREAM OF THIS LOCATION SHOWN CROSS-HATCHED.
6. REMOVE EXISTING E/A DUCT SHOWN CROSS-HATCHED.
7. ABANDON EXISTING EXH. FAN.
8. REMOVE EXISTING DRYER EXHAUST SHOWN CROSS-HATCHED.
9. REMOVE EXISTING EXHAUST DUCT AND REGISTERS SHOWN CROSS-HATCHED. SEAL PENETRATION TO FLOOR ABOVE "LEAKTIGHT".
10. REMOVE EXISTING WALL EXHAUST FAN, ASSOCIATED DUCTWORK, ETC. AS REQUIRED.
11. REMOVE EXISTING EXHAUST PLENUM AND "BLANK-OFF" EXHAUST LOUVER - SEAL "LEAKTIGHT".
12. REMOVE EXISTING SUPPLY REGISTER AND SEAL TRUNK DUCT "LEAKTIGHT".
13. REMOVE EXISTING R/A GRILLE. EXISTING 18" X 14" R/A DUCT TO BE EXTENDED. SEE SHEET M5 FOR CONTINUATION.
14. REBALANCE TO DELIVER 200 CFM - SEE NOTE 1 (SHEET M1).

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-1D
OF 16M

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SPECIFIC NOTES: (◯)

1. EXISTING CHILLER, PIPING, ETC. TO BE REMOVED AND SOLD FOR SALVAGE.
2. REMOVE EXISTING THERMOSTAT (TYPICAL OF TWO LOCATIONS).

NOTE:
ALL DUCTWORK IN ACTORS AMBULATORY TO BE ACCOUSTICALLY LINED.

MECHANICAL DEMOLITION PLAN
GRADE LEVEL

SCALE: 3/32" - 1'-0"

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STAGE CENTER AT FESTIVAL PLAZA

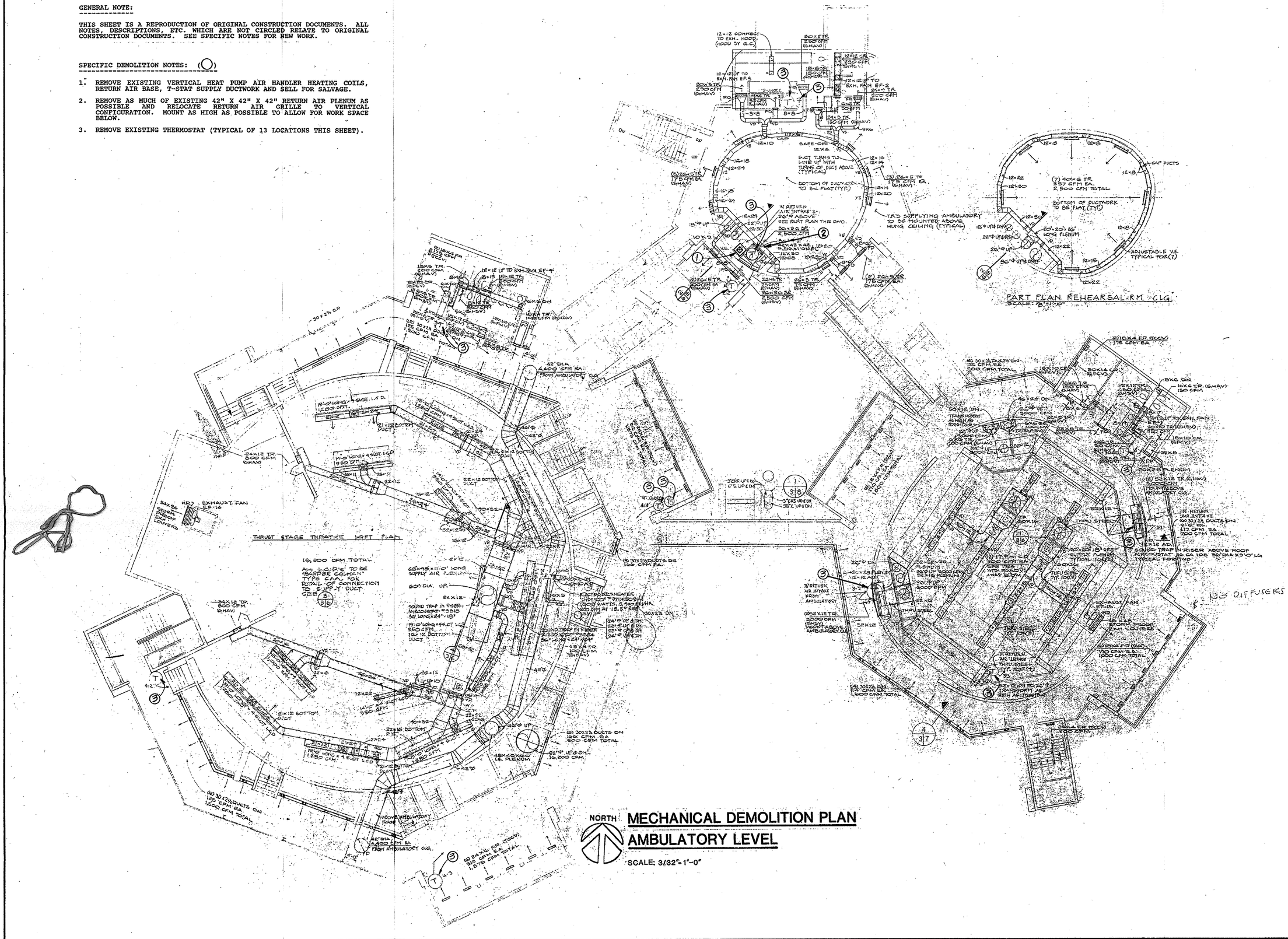
SHEET
M-2D
OF 16M

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SPECIFIC DEMOLITION NOTES: (○)

1. REMOVE EXISTING VERTICAL HEAT PUMP AIR HANDLER HEATING COILS, RETURN AIR BASE, T-STAT SUPPLY DUCTWORK AND SELL FOR SALVAGE.
2. REMOVE AS MUCH OF EXISTING 42" X 42" X 42" RETURN AIR PLENUM AS POSSIBLE AND RELOCATE RETURN AIR GRILLE TO VERTICAL CONFIGURATION. MOUNT AS HIGH AS POSSIBLE TO ALLOW FOR WORK SPACE BELOW.
3. REMOVE EXISTING THERMOSTAT (TYPICAL OF 13 LOCATIONS THIS SHEET).



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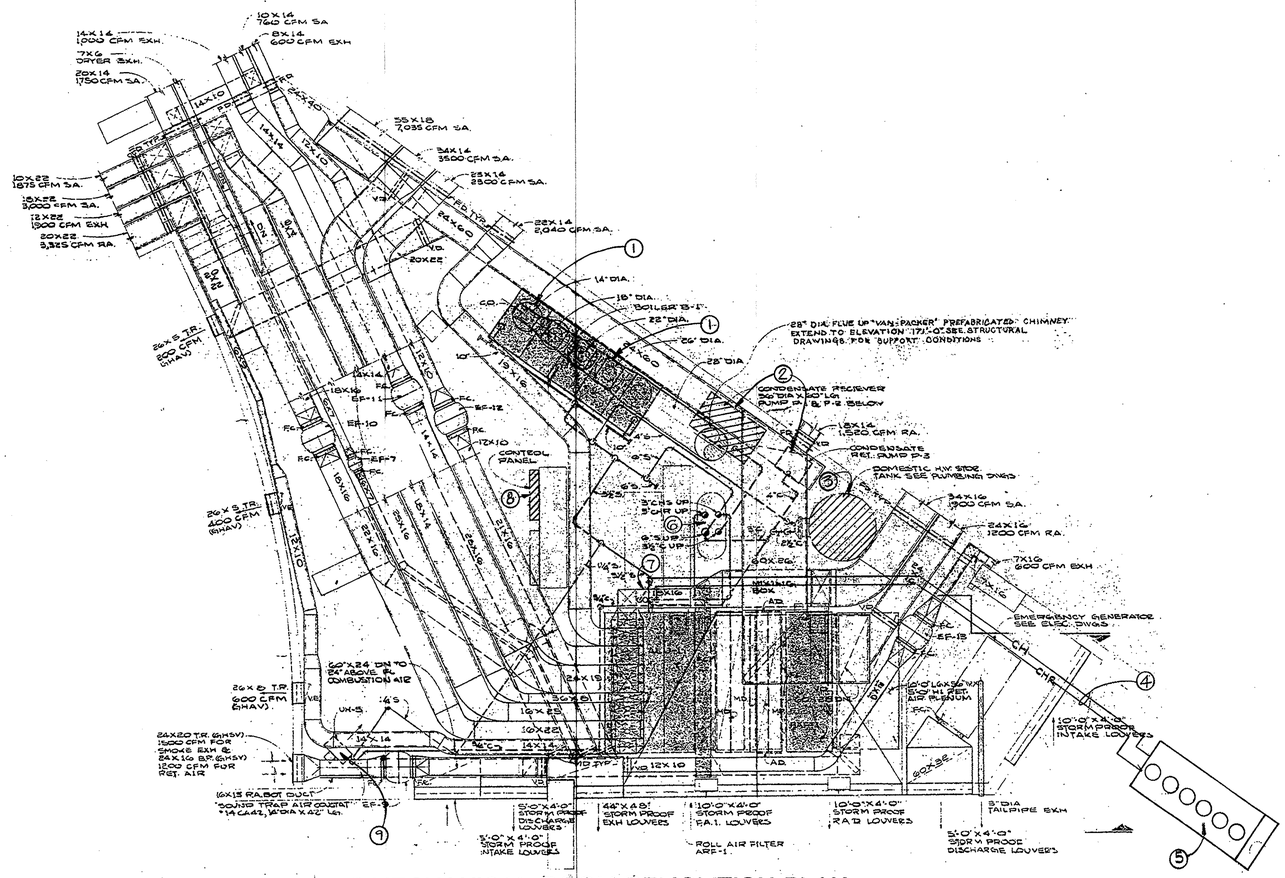
SHEET
M-3D
OF 16M

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BASEMENT MECHANICAL ROOM DEMOLITION PLAN SPECIFIC NOTES: (○)

1. REMOVE EXISTING BOILER, STEAM PIPING, HORIZONTAL FLUE, ETC. CAP EXISTING CW MAKEUP PIPING AND GAS PIPING FOR CONNECTION TO NEW BOILER AND WATER HEATER. SEE MECHANICAL PLANS FOR NEW WORK.
2. REMOVE EXISTING CONDENSATE RECEIVER, PUMPS, PIPING, ETC.
3. REMOVE EXISTING DOMESTIC HOT WATER GENERATOR/STORAGE TANK, STEAM AND CONDENSATE RETURN PIPING, ETC. CAP DOMESTIC CW, HW, AND HW RECIRCULATING PIPING FOR CONNECTION TO NEW WATER HEATER.
4. REMOVE EXISTING CHILLED WATER SUPPLY AND RETURN PIPING BETWEEN CHILLER AND AHU-1, PUMP, ETC.
5. EXISTING 25 TON CHILLER (AT GRADE LEVEL) TO BE SOLD FOR SALVAGE - SEE MECHANICAL PLANS FOR NEW LOCATION AND DETAIL.
6. REMOVE ALL CHILLED WATER SUPPLY AND RETURN PIPING AND ALL STEAM AND CONDENSATE PIPING LOCATED IN BASEMENT MECHANICAL ROOM. CAP EXISTING SERVICES AT CEILING LEVEL.
7. REMOVE EXISTING STEAM HEATING COIL, PIPING, ETC. EXISTING CEILING WATER COIL TO BE REUSED FOR HEATING WATER COIL - SEE MECH PLANS.
8. REMOVE EXISTING CONTROL PANEL. SEE MECHANICAL PLANS AND SPECIFICATIONS FOR NEW CONTROL WORK.
9. EXISTING UNIT HEATER TO REMAIN. REMOVE EXISTING STEAM AND COND. RETURN PIPING. CAP UNIT HEATER PIPING FOR CONNECTION TO NEW PIPING.



BASEMENT MECHANICAL ROOM DEMOLITION PLAN

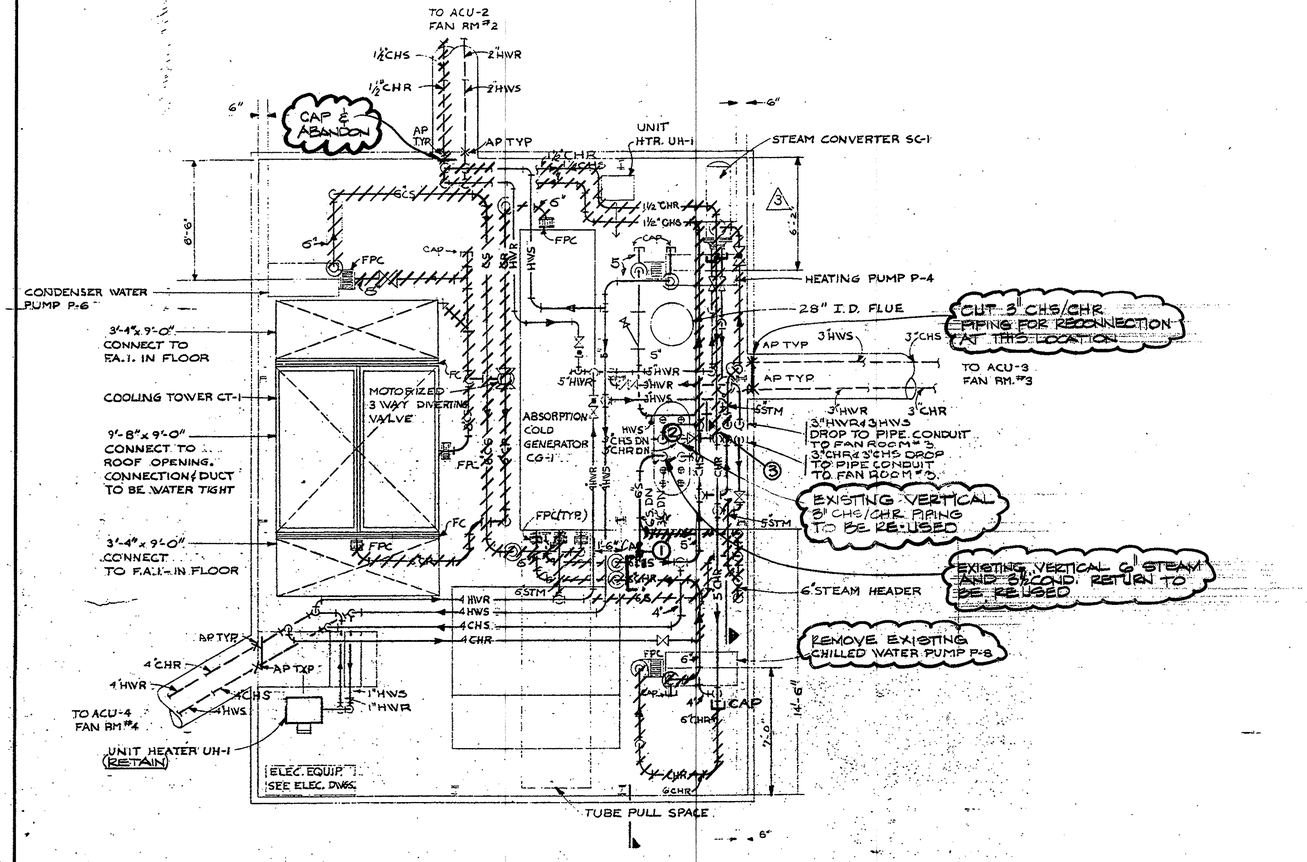
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STAGE CENTER AT FESTIVAL PLAZA

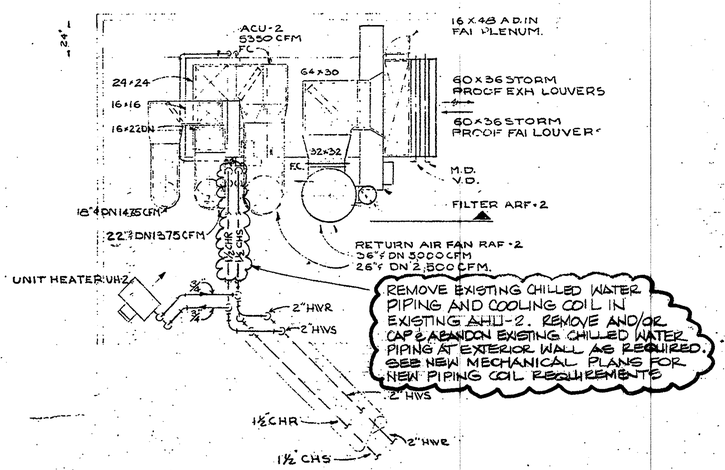
SHEET
M-4D
OF 16M



NORTH

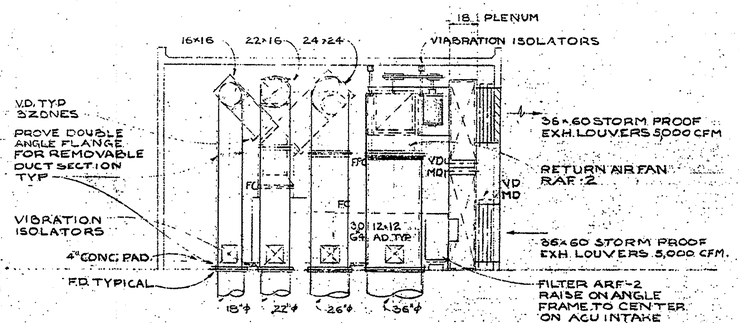
TOWER MECHANICAL ROOM DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



FAN ROOM NO.2 DEMOLITION PLAN

SCALE: 1/4" = 1'-0"



SECTION MECHANICAL ROOM #2

SCALE: 1/4" = 1'-0"

TOWER MECHANICAL ROOM DEMOLITION PLAN GENERAL NOTES:

1. THIS PLAN IS A REPRODUCTION OF ORIGINAL CONSTRUCTION DOCUMENTS, VERIFY ALL SITE CONDITIONS PRIOR TO PROCEEDING.
2. REMOVE EXISTING ABSORPTION COLD GENERATOR, ALL STEAM COND. RETURN, AND PIPING WITHIN TOWER MECHANICAL ROOM SHOWN CROSS-HATCHED UNLESS OTHERWISE NOTED, COOLING TOWER; ALL CONDENSATE WATER PIPING AND PUMP WITHIN TOWER MECHANICAL ROOM, CHILLED WATER PUMP, STEAM CONVERTER, SHEET METAL, VALVE, ETC. AS REQUIRED.
3. G.C. TO PATCH FLOOR AND ROOF OPENING AFTER COOLING TOWER AND CORRESPONDING SHEET METAL HAVE BEEN REMOVED.
4. EXISTING UNIT HEATERS TO REMAIN.

SPECIFIC TOWER MECHANICAL ROOM CHILLED WATER PIPING NOTES: (◯)

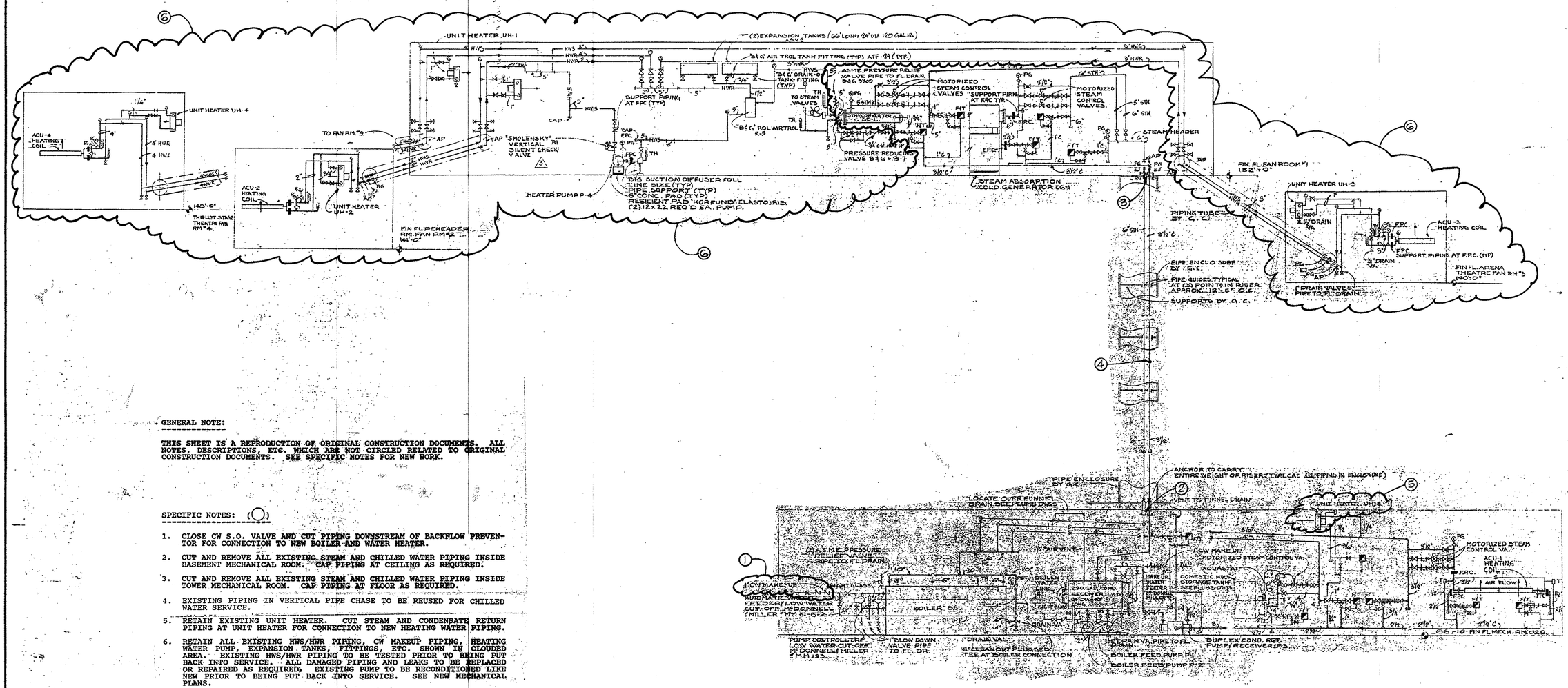
1. CONNECT EXISTING 6" CHILLED WATER PIPING TO EXISTING 6" STEAM RISER.
2. CONNECT EXISTING VERTICAL 3" CHS/CHR AND 3-1/2" CONDENSATE RETURN PIPE TO EXISTING 5" HORIZONTAL CHR HEADER. SEE SHEET M4 FOR SCHEMATIC.
3. REMOVE EXISTING 1-1/2" CHS/CHR PIPING AND REPLACE WITH NEW 2-1/2" CHS/CHR PIPING. ROUTE IN SAME MANNER AS EXISTING 1-1/2" CHS/CHR PIPING. CONNECT NEW 2-1/2" CHS/CHR PIPING TO EXISTING 5" CHS/CHR HEADER AT THIS APPROXIMATE LOCATION. SEE SHEET M-4 FOR SCHEMATIC.

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-5D
OF 16M



A SCHEMATIC OF EXISTING BOILER / PIPING SYSTEM DEMOLITION

NO SCALE

GENERAL NOTE:

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SPECIFIC NOTES: (◯)

1. CLOSE CW S.O. VALVE AND CUT PIPING DOWNSTREAM OF BACKFLOW PREVENTOR FOR CONNECTION TO NEW BOILER AND WATER HEATER.
2. CUT AND REMOVE ALL EXISTING STEAM AND CHILLED WATER PIPING INSIDE BASEMENT MECHANICAL ROOM. CAP PIPING AT CEILING AS REQUIRED.
3. CUT AND REMOVE ALL EXISTING STEAM AND CHILLED WATER PIPING INSIDE TOWER MECHANICAL ROOM. CAP PIPING AT FLOOR AS REQUIRED.
4. EXISTING PIPING IN VERTICAL PIPE CHASE TO BE REUSED FOR CHILLED WATER SERVICE.
5. RETAIN EXISTING UNIT HEATER. CUT STEAM AND CONDENSATE RETURN PIPING AT UNIT HEATER FOR CONNECTION TO NEW HEATING WATER PIPING.
6. RETAIN ALL EXISTING HWS/HWR PIPING, CW MAKEUP PIPING, HEATING WATER PUMP, EXPANSION TANKS, FITTINGS, ETC. SHOWN IN CLOUDED AREA. EXISTING HWS/HWR PIPING TO BE TESTED PRIOR TO BEING PUT BACK INTO SERVICE. ALL DAMAGED PIPING AND LEAKS TO BE REPLACED OR REPAIRED AS REQUIRED. EXISTING PUMP TO BE RECONDITIONED LIKE NEW PRIOR TO BEING PUT BACK INTO SERVICE. SEE NEW MECHANICAL PLANS.

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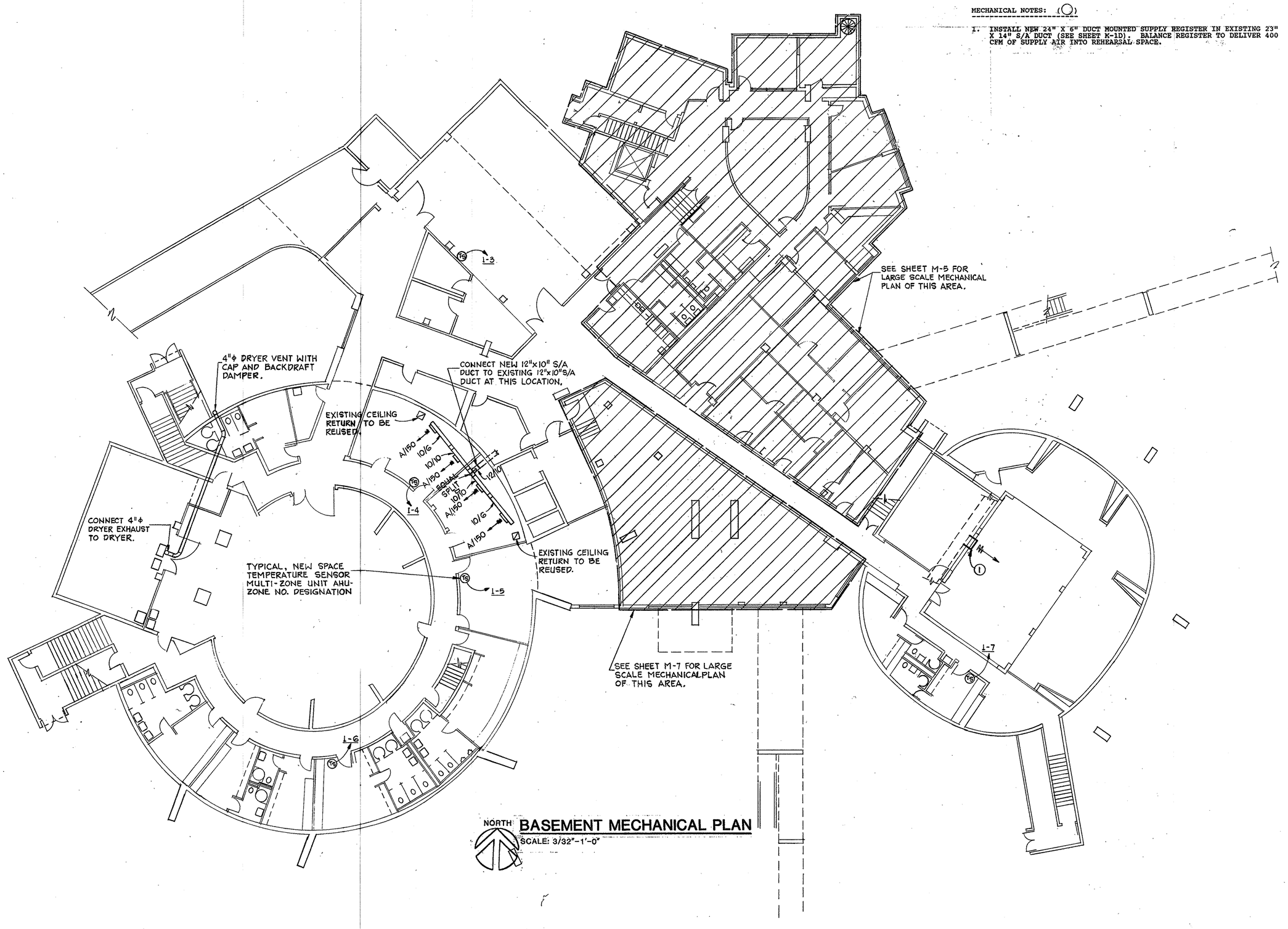
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-6D
OF 16M

MECHANICAL NOTES: (1)

1. INSTALL NEW 24" X 6" DUCT MOUNTED SUPPLY REGISTER IN EXISTING 23" X 14" S/A DUCT (SEE SHEET M-1D). BALANCE REGISTER TO DELIVER 400 CFM OF SUPPLY AIR INTO REHEARSAL SPACE.



BASEMENT MECHANICAL PLAN

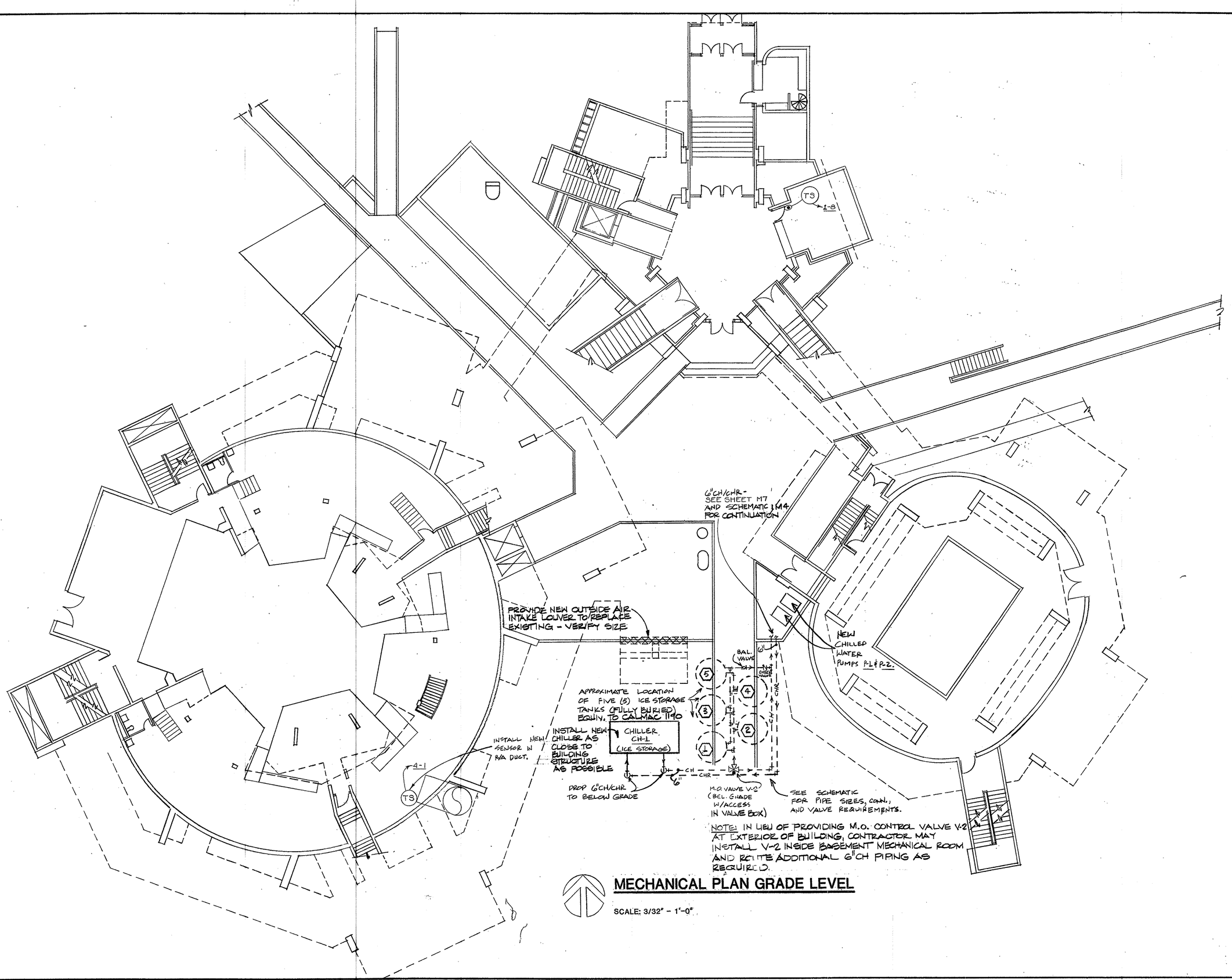
SCALE: 3/32"-1'-0"

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SHEET
M-1
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MECHANICAL PLAN GRADE LEVEL

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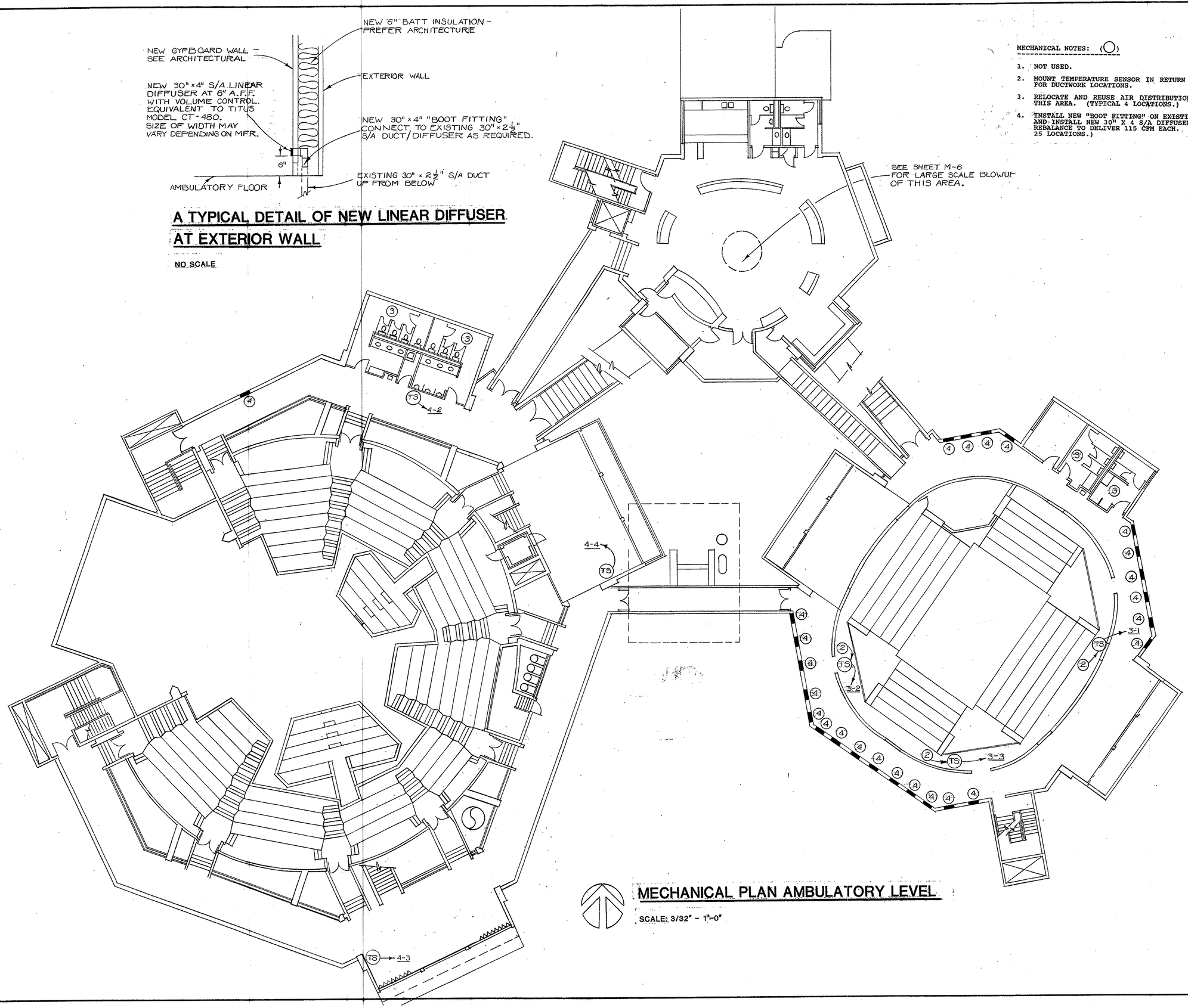
SHEET
M-2
OF 16M

A TYPICAL DETAIL OF NEW LINEAR DIFFUSER AT EXTERIOR WALL

NO SCALE

MECHANICAL NOTES: (○)

1. NOT USED.
2. MOUNT TEMPERATURE SENSOR IN RETURN AIR INTAKE - SEE SHEET M-3D FOR DUCTWORK LOCATIONS.
3. RELOCATE AND REUSE AIR DISTRIBUTION DEVICES, DUCTWORK, ETC. IN THIS AREA. (TYPICAL 4 LOCATIONS.)
4. INSTALL NEW "BOOT FITTING" ON EXISTING 30" X 2-1/2" S/A DIFFUSERS AND INSTALL NEW 30" X 4 S/A DIFFUSER AT 6" ABOVE FLOOR LEVEL AND REBALANCE TO DELIVER 115 CFM EACH. SEE DETAIL - SHEET. (TYPICAL 25 LOCATIONS.)



MECHANICAL PLAN AMBULATORY LEVEL

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SHEET
M-3
OF 16M

CHILLER CH-1 SCHEDULE

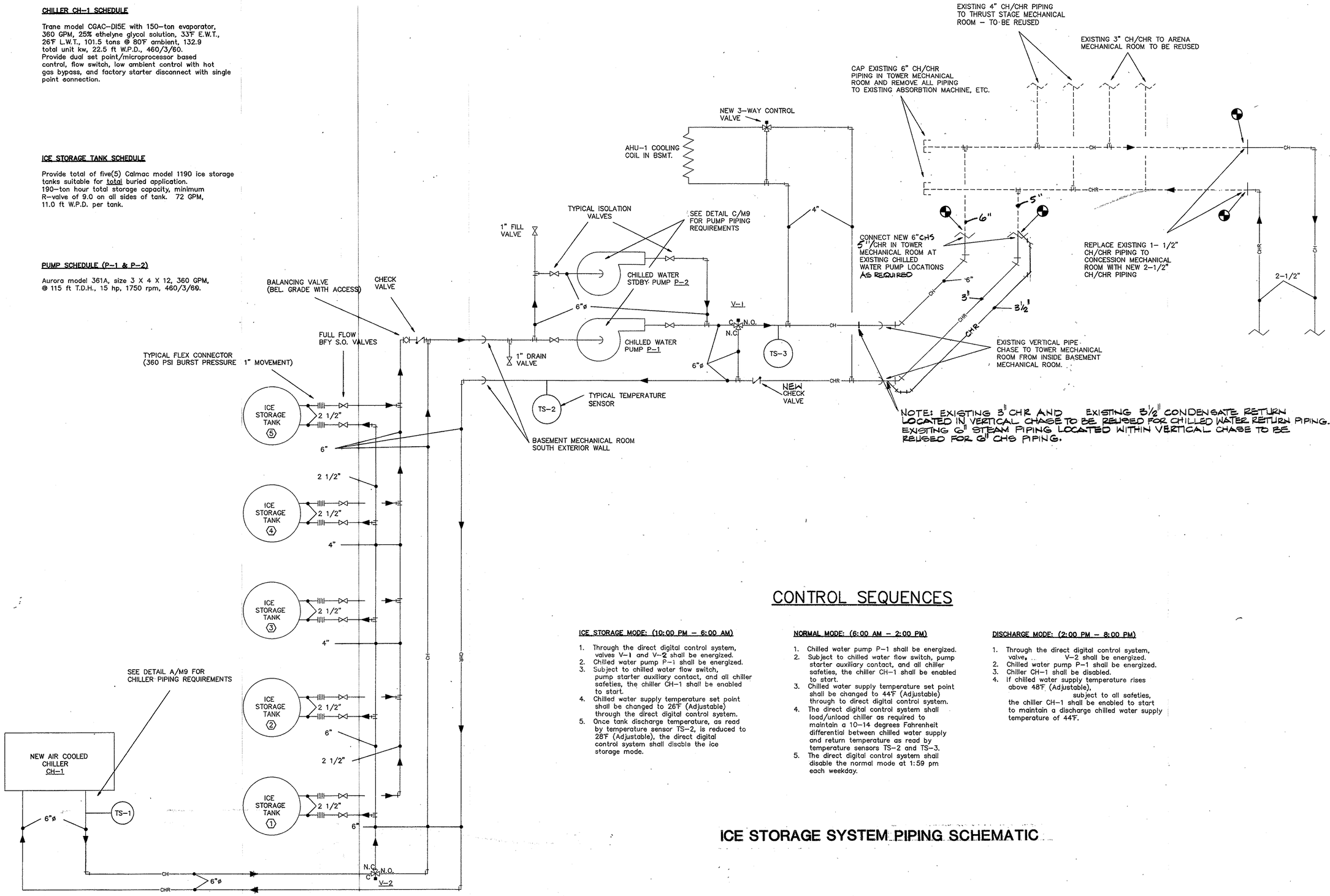
Trane model CGAC-D15E with 150-ton evaporator, 360 GPM, 25% ethelyne glycol solution, 33F E.W.T., 26F L.W.T., 101.5 tons @ 80F ambient, 132.9 total unit kw, 22.5 ft W.P.D., 460/3/60. Provide dual set point/microprocessor based control, flow switch, low ambient control with hot gas bypass, and factory starter disconnect with single point connection.

ICE STORAGE TANK SCHEDULE

Provide total of five(5) Calmac model 1190 ice storage tanks suitable for total buried application. 190-ton hour total storage capacity, minimum R-valve of 9.0 on all sides of tank. 72 GPM, 11.0 ft W.P.D. per tank.

PUMP SCHEDULE (P-1 & P-2)

Aurora model 361A, size 3 X 4 X 12, 360 GPM, @ 115 ft T.D.H., 15 hp, 1750 rpm, 460/3/60.



NOTE: EXISTING 3" CHR AND EXISTING 3½" CONDENSATE RETURN LOCATED IN VERTICAL CHASE TO BE REUSED FOR CHILLED WATER RETURN PIPING. EXISTING 6" STEAM PIPING LOCATED WITHIN VERTICAL CHASE TO BE REUSED FOR 6" CHS PIPING.

CONTROL SEQUENCES

ICE STORAGE MODE: (10:00 PM - 6:00 AM)

1. Through the direct digital control system, valves V-1 and V-2 shall be energized.
2. Chilled water pump P-1 shall be energized.
3. Subject to chilled water flow switch, pump starter auxiliary contact, and all chiller safeties, the chiller CH-1 shall be enabled to start.
4. Chilled water supply temperature set point shall be changed to 26F (Adjustable) through the direct digital control system.
5. Once tank discharge temperature, as read by temperature sensor TS-2, is reduced to 28F (Adjustable), the direct digital control system shall disable the ice storage mode.

NORMAL MODE: (6:00 AM - 2:00 PM)

1. Chilled water pump P-1 shall be energized.
2. Subject to chilled water flow switch, pump starter auxiliary contact, and all chiller safeties, the chiller CH-1 shall be enabled to start.
3. Chilled water supply temperature set point shall be changed to 44F (Adjustable) through to direct digital control system.
4. The direct digital control system shall load/unload chiller as required to maintain a 10-14 degrees Fahrenheit differential between chilled water supply and return temperature as read by temperature sensors TS-2 and TS-3.
5. The direct digital control system shall disable the normal mode at 1:59 pm each weekday.

DISCHARGE MODE: (2:00 PM - 8:00 PM)

1. Through the direct digital control system, valve, V-2 shall be energized.
2. Chilled water pump P-1 shall be energized.
3. Chiller CH-1 shall be disabled.
4. If chilled water supply temperature rises above 48F (Adjustable), subject to all safeties, the chiller CH-1 shall be enabled to start to maintain a discharge chilled water supply temperature of 44F.

ICE STORAGE SYSTEM PIPING SCHEMATIC

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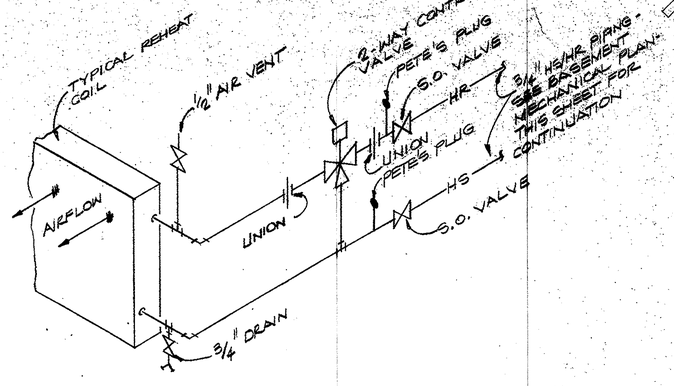
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-4
OF 16M

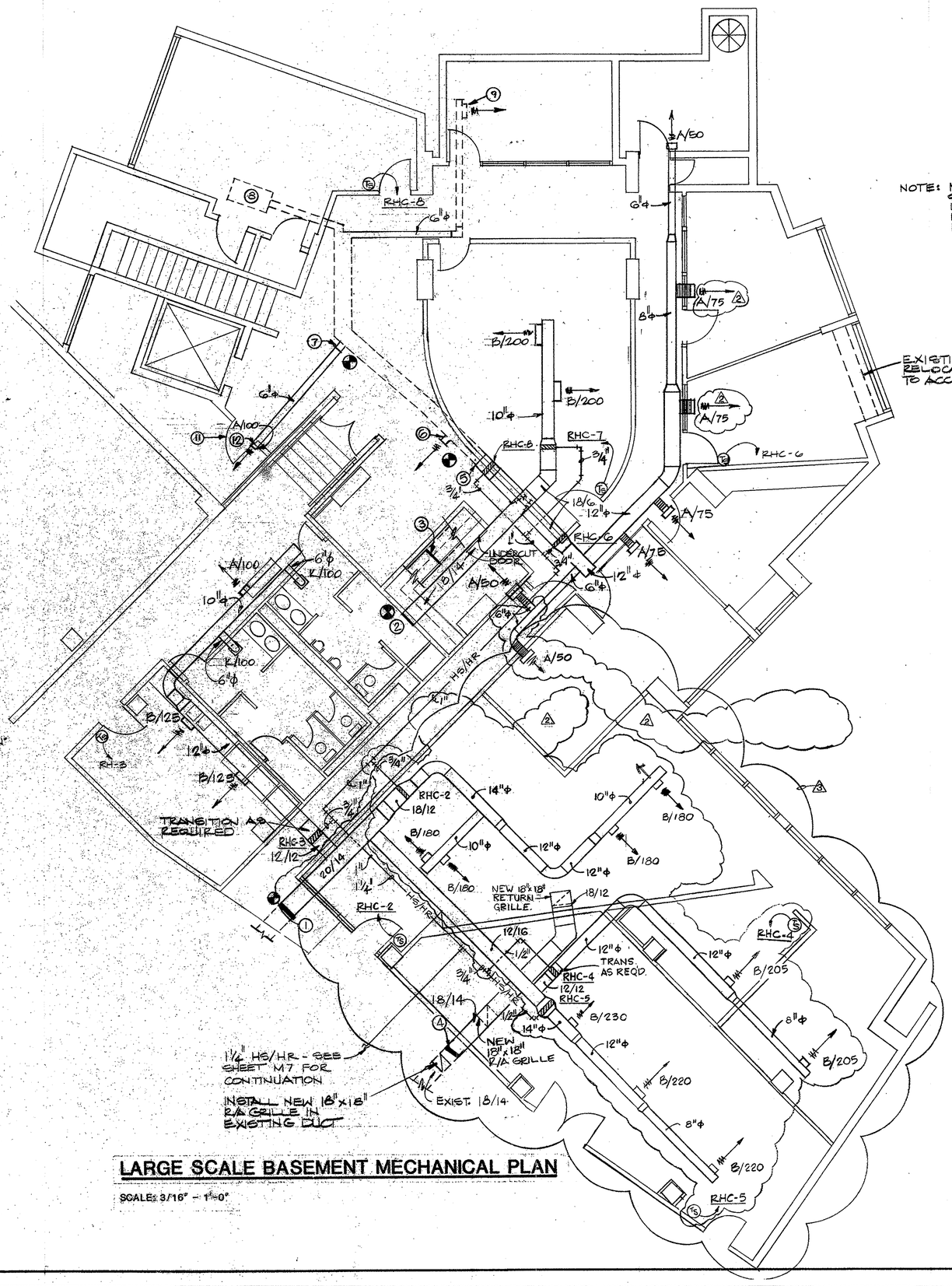
MECHANICAL NOTES: (◯)

1. CONNECT NEW 20" X 14" S/A DUCT TO EXISTING 20" X 14" S/A DUCT AT THIS LOCATION.
2. CONNECT NEW 18" X 14" S/A DUCT TO EXISTING 23" X 14" S/A DUCT AT THIS LOCATION.
3. EXISTING 26" X 14" RETURN AIR DUCT TO BE REUSED. SEE SHEET M-1D.
4. CONNECT NEW 18" X 14" RETURN AIR DUCT TO EXISTING 18" X 14" RETURN AIR DUCT. SEE SHEET M-1D.
5. CONNECT TRANSITION FROM RHC-8 TO EXISTING S/A DUCT SERVING WEST BASEMENT. VERIFY ALL CONDITIONS PRIOR TO PROCEEDING.
6. CONNECT NEW 6" Ø S/A DUCT AND A/100 DIFFUSER TO EXISTING S/A DUCT SERVING WEST BASEMENT. VERIFY ALL CONDITIONS PRIOR TO PROCEEDING.
7. CONNECT NEW 6" Ø S/A DUCT TO EXISTING 8" X 6" S/A DUCT AT THIS LOCATION. SEE SHEET
8. REBALANCE EXISTING DIFFUSERS TO DELIVER 250 CFM. SEE SHEET M1-D FOR EXISTING DUCT LOCATION.
9. REBALANCE EXISTING DIFFUSER TO DELIVER 75 CFM. SEE SHEET M1-D FOR EXISTING DUCT LOCATION.
10. TYPICAL REHEAT COIL - SEE DETAIL A/ THIS SHEET FOR PIPING REQUIREMENTS.
11. UNDERCUT DOOR MINIMUM 1".
12. NEW A/100 DIFFUSER.



A TYPICAL REHEAT COIL PIPING ISOMETRIC

NO SCALE



LARGE SCALE BASEMENT MECHANICAL PLAN

SCALE: 3/16" = 1'-0"

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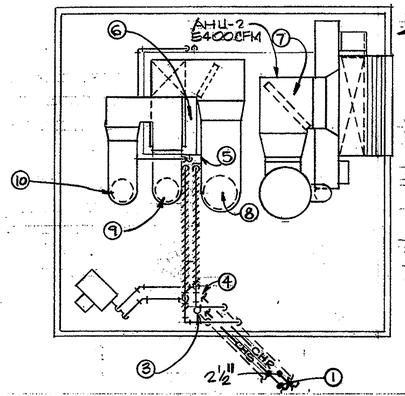
REVISIONS
1 6-11-91
2 6-11-91
3 6-11-91

RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-5
OF 16M

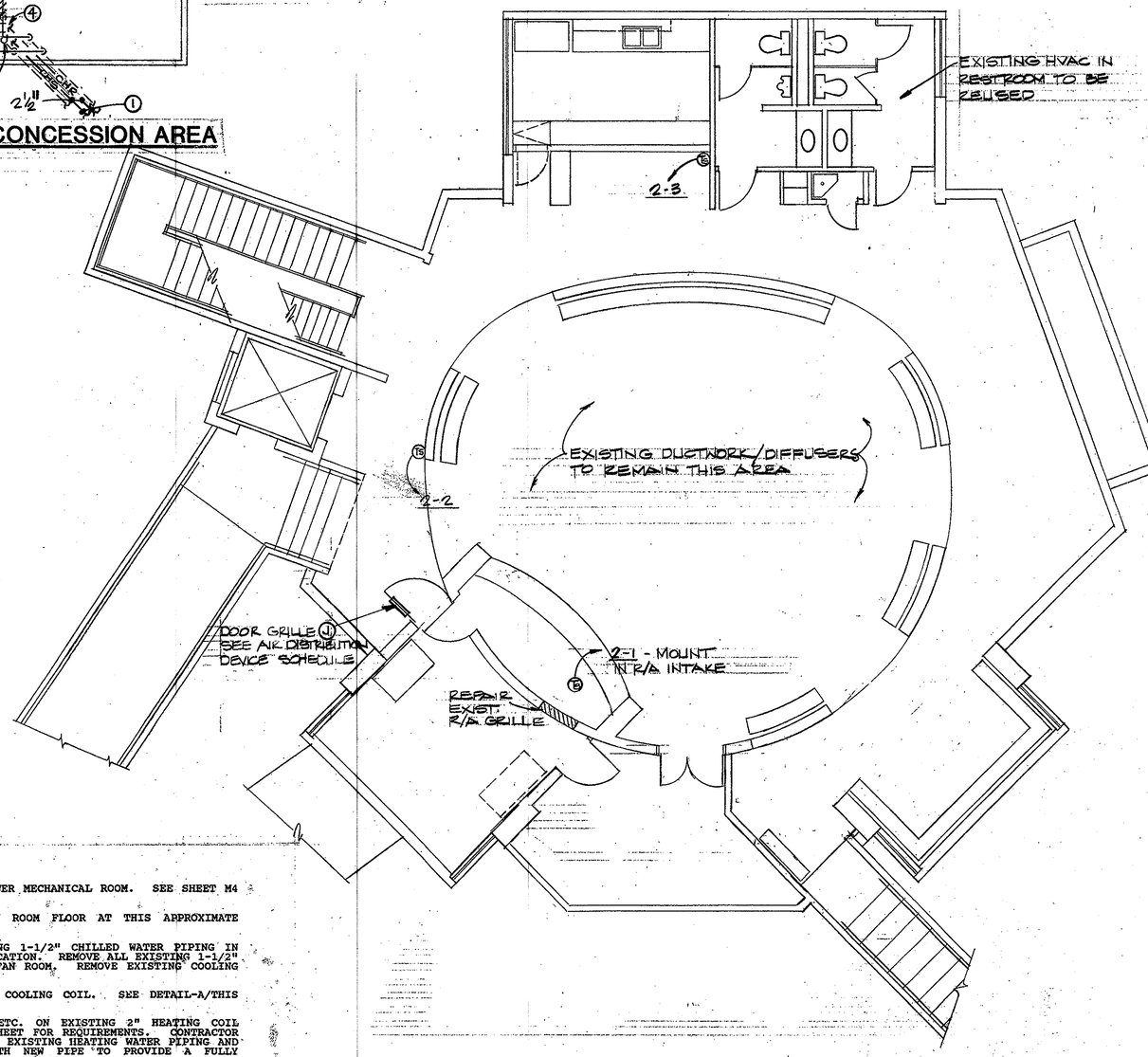
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NOTE: THIS PLAN IS A REPRODUCTION OF ORIGINAL CONSTRUCTION DOCUMENTS. SEE MECHANICAL NOTES FOR NEW WORK. VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING.



FAN ROOM AT CONCESSION AREA

SCALE: 1/4" = 1'-0"

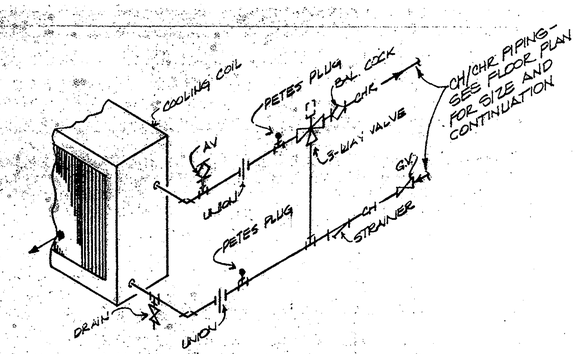


LARGE SCALE PLAN AT CONCESSION AREA

SCALE: 1/4" = 1'-0"

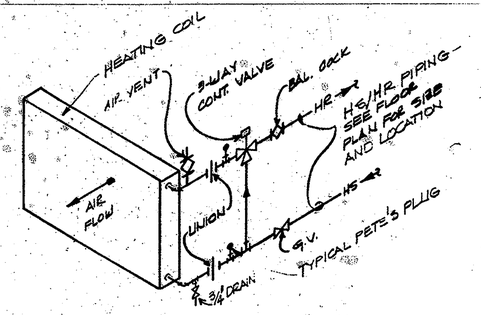
MECHANICAL NOTES: (◯)

1. 2-1/2" CH/CHR PIPING FROM TOWER MECHANICAL ROOM. SEE SHEET M4 FOR CONTINUATION AND ROUTING.
2. 2-1/2" CH/CHR DOWN THRU FAN ROOM FLOOR AT THIS APPROXIMATE LOCATION.
3. REMOVE AND/OR ABANDON EXISTING 1-1/2" CHILLED WATER PIPING IN BRIDGE AT THIS APPROXIMATE LOCATION. REMOVE ALL EXISTING 1-1/2" CHILLED WATER PIPING INSIDE FAN ROOM. REMOVE EXISTING COOLING COIL IN AHU-2.
4. 2-1/2" CH/CHR PIPING TO NEW COOLING COIL. SEE DETAIL-A/THIS SHEET FOR PIPING REQUIREMENTS.
5. INSTALL NEW CONTROL VALVE, ETC. ON EXISTING 2" HEATING COIL PIPING. SEE DETAIL-B/THIS SHEET FOR REQUIREMENTS. CONTRACTOR SHALL VERIFY INTEGRITY OF ALL EXISTING HEATING WATER PIPING AND REPAIR LEAKS OR REPLACE WITH NEW PIPE TO PROVIDE A FULLY FUNCTIONAL HEATING SYSTEM.
6. INSTALL NEW COOLING COIL IN AHU-2. SEE AHU SCHEDULE/M10 FOR REQUIREMENTS.
7. REPLACE EXISTING S/A FAN MOTOR AND R/A FAN MOTOR, REPAIR EXISTING ROLL FILTER AND ENTIRE AHU TO "NEW CONDITION". SEE AHU SCHEDULE/M10 FOR REQUIREMENTS.
8. REBALANCE ZONE 2-1 TO DELIVER 2500 CFM.
9. REBALANCE ZONE 2-3 TO DELIVER 1500 CFM.
10. REBALANCE ZONE 2-2 TO DELIVER 1400 CFM.



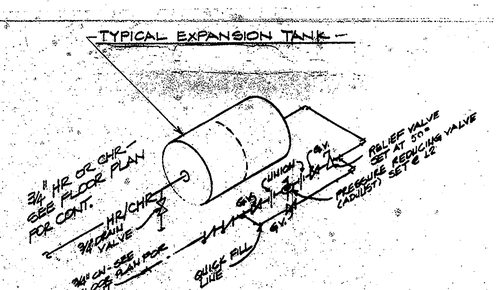
A COOLING COIL PIPING ISOMETRIC

NO SCALE



B TYPICAL AHU HOT DECK HEATING COIL PIPING ISOMETRIC

NO SCALE



C TYPICAL EXPANSION TANK PIPING DETAIL

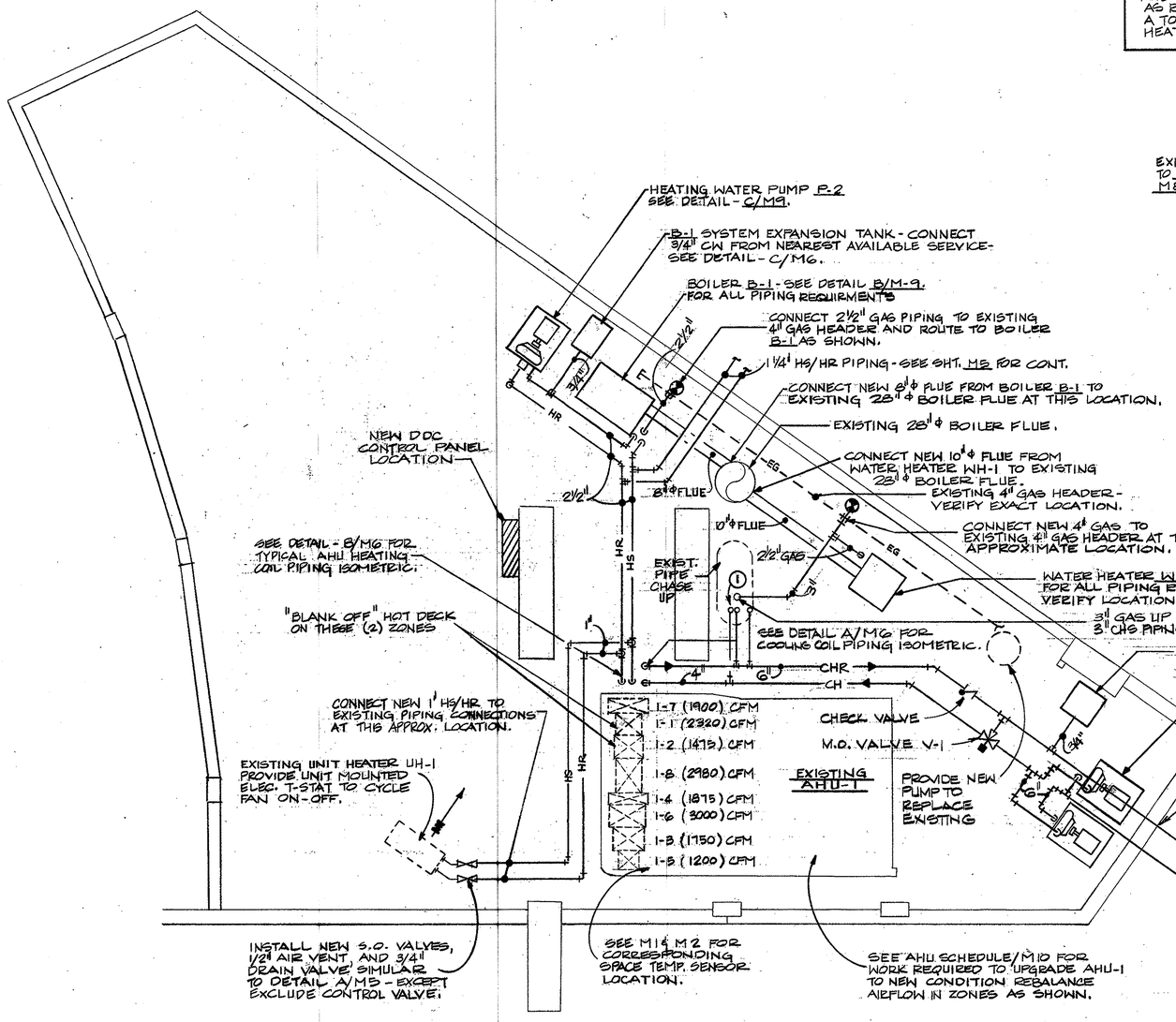
NO SCALE

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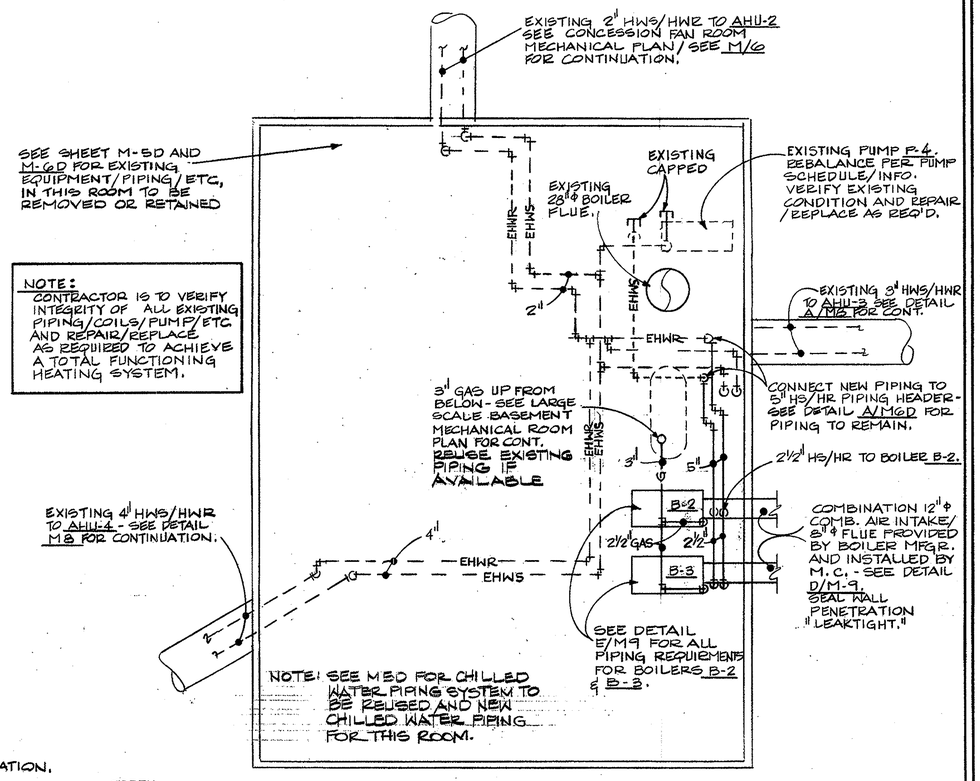
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-6
OF 16M



LARGE SCALE BASEMENT MECHANICAL ROOM PLAN

SCALE : 1/4" = 1'-0"



LARGE SCALE TOWER MECHANICAL ROOM PLAN

SCALE : 1/4" = 1'-0"

NOTES: (O)

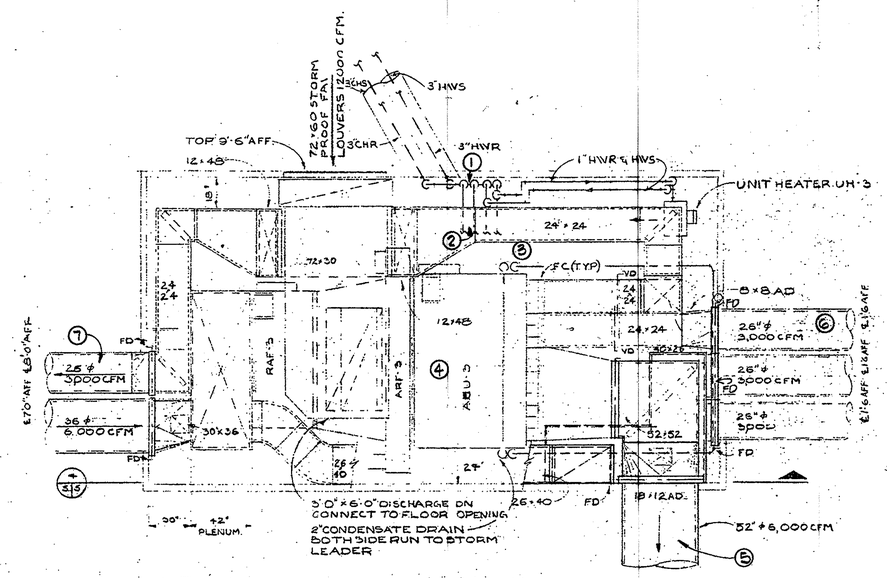
1. CONNECT NEW 6" CH TO EXISTING 6" STEAM LINE IN VERTICAL CHASE. CONNECT 2-EXISTING 3" AND 1-EXISTING 3-1/2" PIPE FROM VERTICAL SHAFT TO NEW 6" CHR HEADER. SEE SHEET M-4 FOR SCHEMATIC. VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING.

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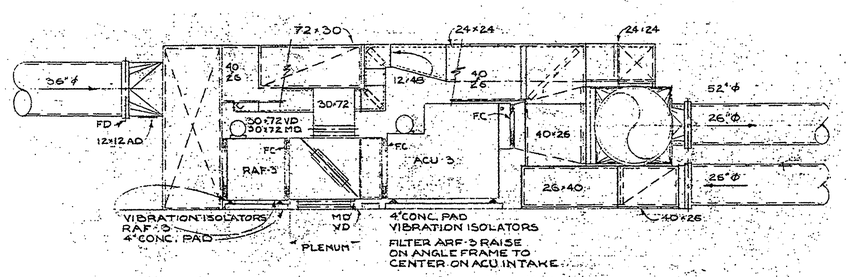
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-7
OF 16M



A ARENA THEATRE FAN ROOM NO. 3

SCALE: 1/4" = 1'-0"



B SECTION ARENA THEATRE FAN ROOM NO. 3

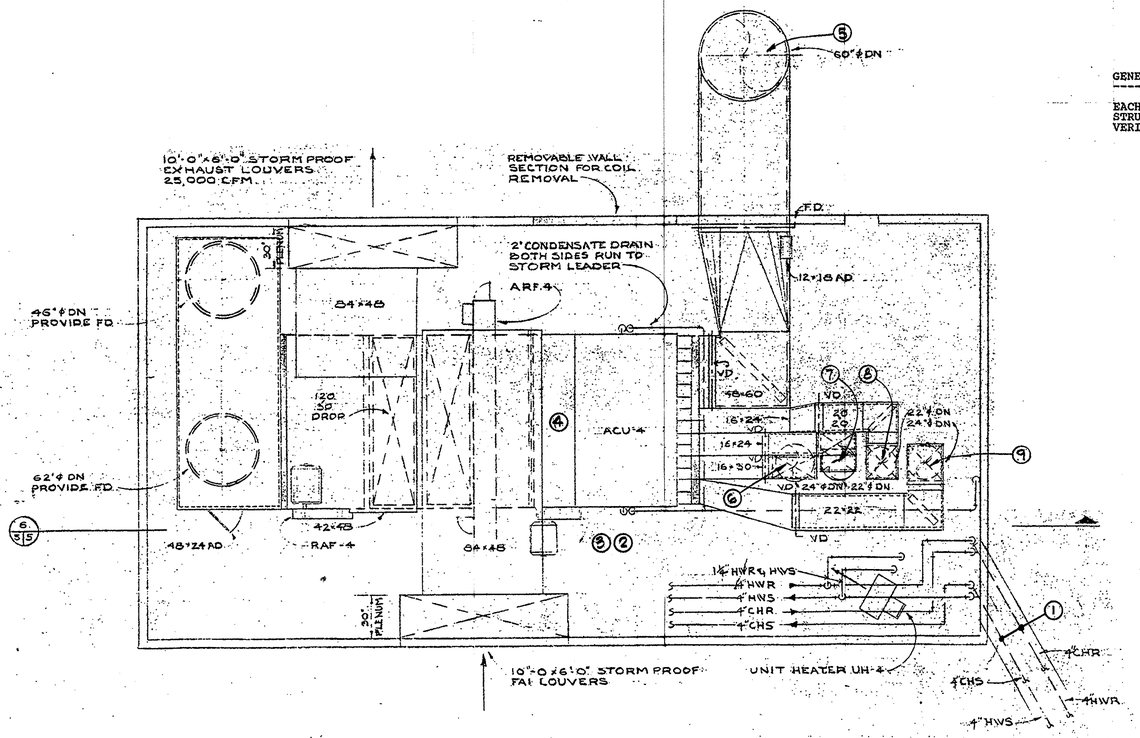
SCALE: 1/4" = 1'-0"

DETAIL - A SPECIFIC MECHANICAL NOTES:

1. REUSE EXISTING 3" CH/CHR PIPING IN BRIDGE AT THIS APPROXIMATE LOCATION. REPLACE BROKEN PIPING/INSULATION AS REQUIRED.
2. CONNECT NEW 3" CH/CHR PIPING TO EXISTING 3" CH/CHR PIPING AT THIS APPROXIMATE LOCATION AS REQUIRED TO SERVE NEW CONTROL VALVE. INSTALL NEW CONTROL VALVE, ETC. SEE DETAIL A/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF ALL EXISTING REUSED PIPING AND REPAIR/REPLACE AS REQUIRED.
3. CONTRACTOR SHALL INSTALL NEW CONTROL VALVE, ETC. ON EXISTING HEATING WATER PIPING SERVING EXISTING HOT DECK HEATING COIL. SEE DETAIL B/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF ALL EXISTING REUSED PIPING AND REPAIR/REPLACE AS REQUIRED.
4. REPLACE EXISTING S/A FAN MOTOR AND R/A FAN MOTOR, UPGRADE EXISTING ROLL FILTER AND ENTIRE AHU TO "NEW CONDITION". SEE AHU SCHEDULE/M10 FOR REQUIREMENTS.
5. REBALANCE ZONE 3-3 TO DELIVER 7,000 CFM.
6. REBALANCE ZONE 3-1 TO DELIVER 3,000 CFM.
7. REBALANCE ZONE 3-2 TO DELIVER 3,000 CFM.

DETAIL - C SPECIFIC MECHANICAL NOTES:

1. REUSE EXISTING 4" CH/CHR PIPING IN BRIDGE AT THIS APPROXIMATE LOCATION.
2. CONNECT NEW 4" CH/CHR PIPING AS REQUIRED TO EXISTING 4" GH/CHR PIPING SERVING EXISTING COLD DECK COOLING COIL. INSTALL NEW CONTROL VALVE, ETC. SEE DETAIL A/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF EXISTING REUSED PIPING AND REPAIR/REPLACE AS REQUIRED.
3. CONTRACTOR SHALL INSTALL NEW CONTROL VALVE, ETC. ON EXISTING 4" HEATING WATER PIPING SERVING EXISTING HOT DECK HEATING COIL. SEE DETAIL B/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF EXISTING REUSED HEATING WATER PIPING AND REPAIR/REPLACE AS REQUIRED.
4. REPLACE EXISTING S/A FAN MOTOR AND R/A FAN MOTOR, UPGRADE EXISTING ROLL FILTER AND ENTIRE AHU TO "NEW CONDITION". SEE AHU SCHEDULE/M10 FOR REQUIREMENTS.
5. REBALANCE ZONE 4-1 TO DELIVER 13,000 CFM.
6. REBALANCE ZONE 4-2 TO DELIVER 2,400 CFM.
7. REBALANCE ZONE 4-3 TO DELIVER 1,800 CFM.
8. REBALANCE ZONE 4-4 TO DELIVER 1,600 CFM.
9. REBALANCE ZONE 4-5 TO DELIVER 2,200 CFM.

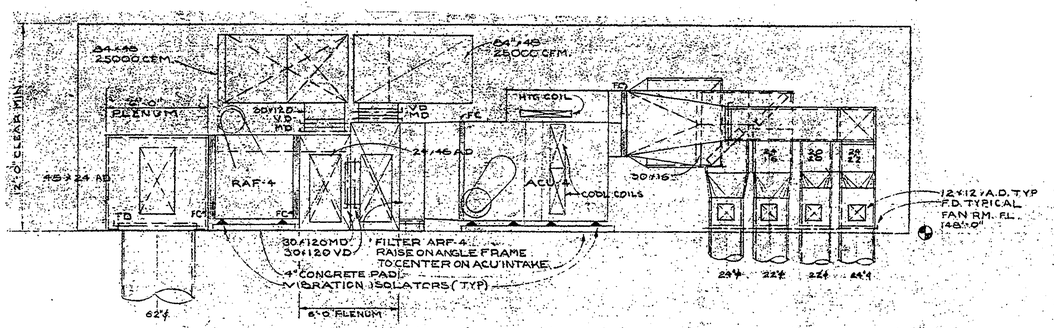


C THRUST STAGE FAN ROOM NO. 3

SCALE: 1/4" = 1'-0"

GENERAL NOTE:

EACH PLAN OR SECTION ON THIS SHEET IS A REPRODUCTION OF ORIGINAL CONSTRUCTION DOCUMENTS. SEE SPECIFIC MECHANICAL NOTES FOR NEW WORK. VERIFY ALL EXISTING CONDITIONS PRIOR TO PROCEEDING.



RA FAN - "CARRIER" 27BA130 25,000 CFM
ACU - "CARRIER" 39C130 25,000 CFM.

D SECTION THRUST STAGE THEATRE FAN ROOM NO. 4

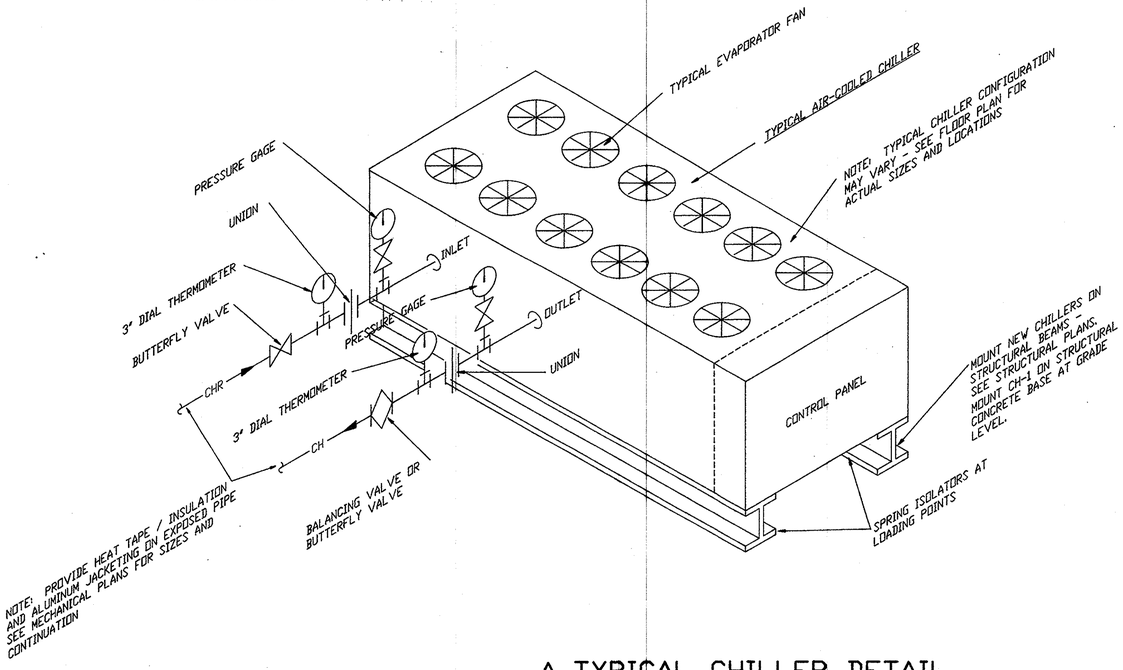
SCALE: 1/4" = 1'-0"

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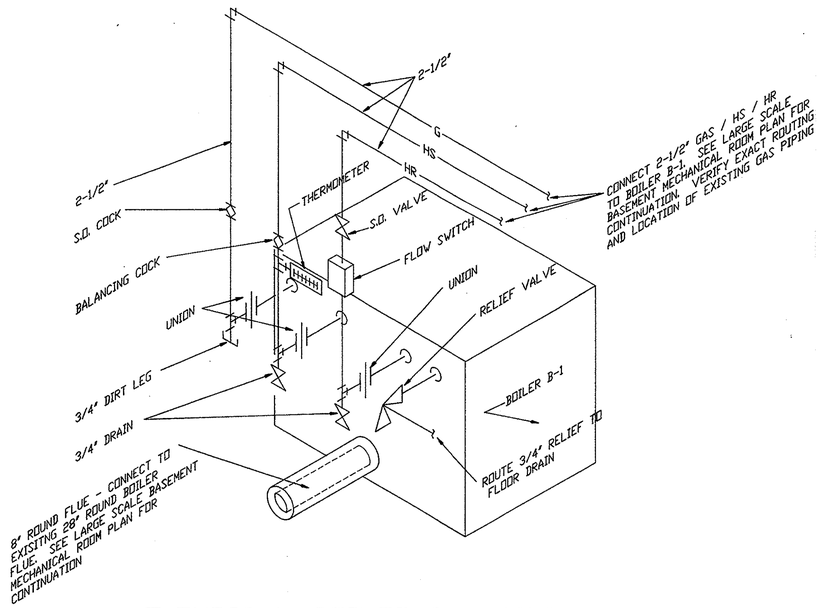
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-8
OF 16M



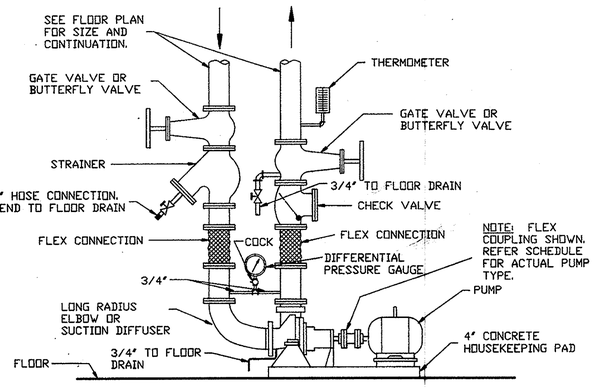
A TYPICAL CHILLER DETAIL

NO SCALE



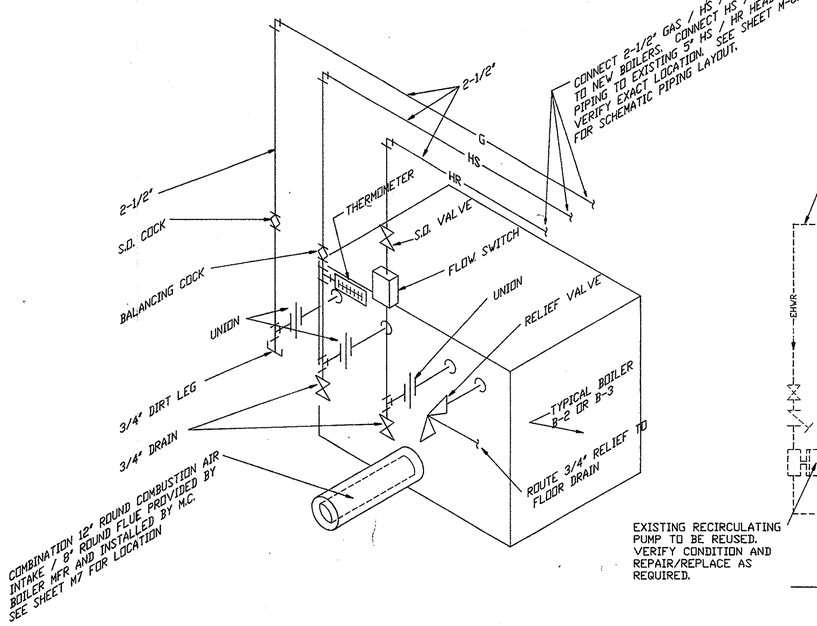
B TYPICAL BOILER B-1 PIPING ISOMETRIC

NO SCALE



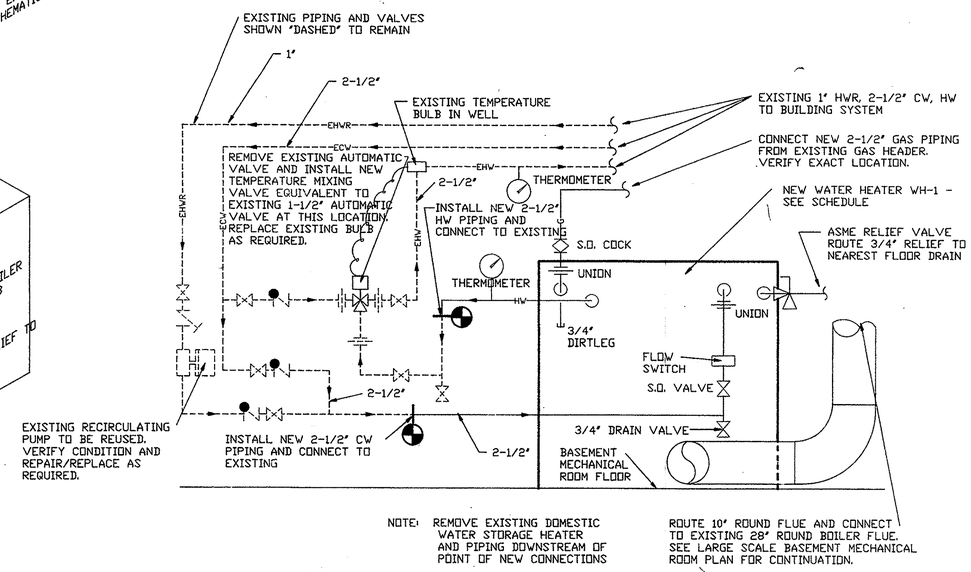
C TYPICAL PUMP DETAIL

NO SCALE



D TYPICAL BOILERS B-2 AND B-3 PIPING ISOMETRIC

NO SCALE



E DOMESTIC WATER HEATER PIPING SCHEMATIC

NO SCALE

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

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REHEAT COIL SCHEDULE

MARK	CFM	SIZE	MAX APD	MIN. LAT °F	MAX GPM	MAX WPD	EWT °F	LWT °F	ROWS
~~RHC-1~~	~~300~~	~~12 x 12~~	~~.15'~~	~~100~~	~~3.0~~	~~.5'~~	~~180~~	~~160~~	~~2~~
RHC-2	720	12 x 12	.15'	100	3.0	.5'	180	160	2
RHC-3	525	12 x 18	.15'	100	3.0	.5'	180	160	2
RHC-4	410	12 x 12	.15'	100	3.0	.5'	180	160	2
RHC-5	670	12 x 18	.15'	100	3.0	.5'	180	160	2
RHC-6	450	12 x 18	.15'	100	3.0	.5'	180	160	2
RHC-7	500	12 x 18	.15'	100	3.0	.5'	180	160	2
RHC-8	525	12 x 18	.15'	100	3.0	.5'	180	160	2

NOTE: ALL COILS BASED ON 65° EAT.

(2)

MATERIAL SCHEDULE

SYSTEM	LOCATION	MATERIAL
CH/CHR	ALL	SCHEDULE 40 BLACK STEEL
HS/HR	ALL	SCHEDULE 40 BLACK STEEL
FIRE SPRINKLER	INSIDE BLDG	SCHEDULE 40 BLACK STEEL
DOMESTIC CW	ALL	TYPE 'M' HARD COPPER
NATURAL GAS	ALL	WELDED BLACK STEEL
HW/HWR	ALL	TYPE 'M' HARD COPPER
SANITARY WASTE	ALL	SWCI NO-HUB
SANITARY VENT	ALL	SWCI OR GALVANIZED IRON
LP SUPPLY DUCT	ALL	G.I.S.M. W/1" DUCTLINER
LP SUPPLY FLEX	ALL	L.P. FLEX (INSULATED)
RETURN AIR DUCT	ALL	G.I.S.M. W/1" DUCTLINER
EXHAUST DUCT	ALL	G.I.S.M.

NOTE: REFER SPECIFICATIONS FOR PIPE INSULATION REQUIREMENTS.

BOILER SCHEDULE

MARK	LOCHINVAR MODEL NO.	BTUH INPUT	BTUH OUTPUT	GPM	WPD (FT H_2O)	NOTES
B-1	PFB 750	750,000	660,000	70	7	(1) (3)
B-2	PFB 750	750,000	660,000	100	7	(2) (3)
B-3	PFB 750	750,000	660,000	100	7	(2) (3)

NOTES: (1) PROVIDE BOILER WITH CONVENTIONAL VENT, FLOW SWITCH, CONTROL PACKAGE AND MANUAL RESET HIGH LIMIT.

(2) PROVIDE BOILER WITH DOUBLE WALL VENT PIPE, FLOW SWITCH, CONTROL PACKAGE (B-2 & B-3) AND MANUAL RESET HIGH LIMIT

(3) MINIMUM 88% THERMAL EFFICIENCY AS TESTED BY A.G.A.

AIR HANDLING UNIT SCHEDULE

MARK	AHU-1	AHU-2	AHU-3	AHU-4
SERVES	BASEMENT/LOBBY	CONCESSION	ARENA	THRUST
EXISTING CARRIER MODEL	39C110	39C070	39C105	39C130
NEW S/A CFM	16,500	5,400	13,000	20,000
NEW O/A CFM	3300	1,000	2,600	4,000
NEW T.S.P.	4.0"	3.85"	3.75	3.5
REPLACE S/A FAN MOTOR	YES	YES	YES	YES
HP	20	7.5	15	30
TYPE	RELIANCE XE	RELIANCE XE	RELIANCE XE	RELIANCE XE
NO. SPEEDS	1	1	2	2
VOLTAGE	460/3/60	460/3/60	460/3/60	460/3/60
REPLACE R/A FAN MOTOR	YES	YES	YES	YES
HP	7.5	1	5	10
TYPE	RELIANCE XE	RELIANCE XE	RELIANCE XE	RELIANCE XE
NO. SPEEDS	1	1	2	2
VOLTAGE	460/3/60	460/3/60	460/3/60	460/3/60
REPLACE COOLING COIL	NO (1)	YES	NO	NO
REPLACE HEATING COIL	YES	NO	NO	NO
COOLING COIL SECTION:				
EWT (°F)	44	44	--	--
WTR (°F)	10	10	--	--
EAT (°F WB/DB)	82.7/69	82.7/69	--	--
LAT (°F WB/DB)	54.3/54	55/54.9	--	--
TOTAL CAP. (MBH)	782,000	224,510	--	--
SEN. CAP.	511,100	151,830	--	--
ROWS	8	8	--	--
FPI	8	14	--	--
GPM (NEW)	155	50	110	155
WPD (FT)	10.2	7.5	--	--
FPF	120	120	--	--
A.P.D. (IN H_2O)	1.0	1.0	.95	.95
NOTE	(1)	(3)	(3)	(3)
HEATING COIL SECTION:				
EWT (°F)	180	180	180	180
LWT (°F)	160	160	160	160
GPM (NEW)	50	40	65	95
NOTE	(3)	(3)	(3)	(3)
ROLL FILTER SECTION:				
EXISTING AA ROLLOMATIC NO.	H-39-104	H-25-54	H-39-94	H-39922-104
EXISTING MOTOR HP	1/6	1/6	1/6	1/6
EXISTING MOTOR VOLTAGE	120/1/60	120/1/60	120/1/60	120/1/60
NOTE:	(4)	(4)	(4)	(4)

NOTES: (1) NOT USED

(2) NOT USED

(3) CONTRACTOR TO INSTALL NEW 3-WAY CONTROL VALVE ON COIL.

(4) CONTRACTOR TO INSTALL NEW FILTER MEDIA, MEDIA ADVANCE MOTOR AS REQUIRED, AND NEW MEDIA RUNOUT ALARM CONTACT TO BE INTEGRATED WITH DDC CONTROL SYSTEM. CONTRACTOR SHALL MAKE ALL NECESSARY MODIFICATIONS TO UPGRADE ROLL FILTER TO 'NEW' CONDITIONS.

WATER HEATER SCHEDULE

MARK	WH-1
MFR	LOCHINVAR
MODEL NO.	PEN1000NT
BTU INPUT	1,000,000
RECOVERY GPM @ 100° TEMP. RISE	1057
VENT	10" POUND
EFFICIENCY AS TESTED BY A.G.A.	88% PER CENT
INTEGRAL PUMP SIZE	1/2 HP
VOLTAGE	110/1/60

NOTE: REUSE EXISTING CIRCULATING PUMP AND REPAIR/REPLACE AS REQUIRED. EXISTING CIRCULATING PUMP IS RATED AT 10 GPM AT 10 FEET OF HEAD.

MECHANICAL SYMBOL LIST

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
—HS—	HEATING WATER SUPPLY		GATE VALVE
—HR—	HEATING WATER RETURN		CHECK VALVE
— CH—	CHILLED WATER SUPPLY		GLOBE VALVE
—CHR—	CHILLED WATER RETURN		COCK
—W—	WASTE LINE		MOTOR OPERATED VALVE - 3 WAY / 2 WAY
— SD—	STORM DRAIN		RELIEF VALVE
—V—	PLUMBING VENT		PRESSURE REDUCING VALVE
	COLD WATER		UNION
	HOT WATER 140°		STRAINER
	HOT WATER CIRCULATING		MANUAL AIR VENT
—180°—	HOT WATER 180°		AUTOMATIC AIR VENT
— F —	FIRE LINE		PIPE ANCHOR
— G —	GAS		EXPANSION JOINT
— CD—	CONDENSATE DRAIN		DIRECTION OF PIPE PITCH DOWN
-- F —	FIRE MAIN		THERMOMETER WELL
— DT —	DRAIN TILE		THERMOMETER
	WALL HYDRANT		PRESSURE GAGE
	HOSE BIB		PRESSURE GAGE TAPPING
	YARD HYDRANT		TEMPERATURE SENSOR
	FIRE HOSE CABINET / FIRE HOSE RACK		DOOR GRILLE & CODE FOR SIZE
	FIRE EXTINGUISHER & CABINET		ELEVATION TO BOTTOM OF PIPE FROM FLOOR
	FIRE EXTINGUISHER TYPE INDICATED		FLOOR DRAIN / AREA DRAIN / ROOF DRAIN
	POINT OF CONNECTION		CLEAN OUTS WALL / FLOOR

AIR DISTRIBUTION DEVICE SCHEDULE

MARK	DUTY	TYPE/FACE	MOUNTING	LENGTH	SLOTS	WIDTH	ROUND INLET	TITUS MODEL NO.	NOTES
A	SUPPLY	LINEAR	DUCT	12"	--	4"	--	30 IRL	1, 3
B	SUPPLY	LINEAR	DUCT	18"	--	6"	--	30 IRL	1, 3
C	SUPPLY	CEILING/LOUVER	LAY-IN	24"	--	24"	6"	TMS	1, 2
D	SUPPLY	CEILING/LOUVER	LAY-IN	24"	--	24"	8"	TMS	1, 2
E	EXHAUST	CEILING/LINEAR	LAY-IN	12"	--	12"	--	15RL	1, 2 & 3
F	EXHAUST	CEILING/LINEAR	SURFACE	12"	--	12"	--	15RL	1, 2 & 3
G	RETURN	CEILING/LOUVER	LAY-IN	24"	--	24"	--	15RL	1, 2 & 7
H	RETURN	CEILING/LOUVER	LAY-IN	24"	--	12"	--	15RL	1, 2
J	RETURN	GRILLE	DOOR	24"	--	--	--	CT-700	--
K	SUPPLY	CEILING/LOUVER	SURFACE	12"	--	12"	6"	TMS	1, 3

NOTES: 1. OFF-WHITE FINISH - PAINT TO MATCH CEILING/WALL/DUCT COLOR. REFER ARCHITECT'S PLANS.
2. PROVIDE VOLUME DAMPER.
3. PROVIDE VOLUME DAMPER AND AIR EXTRACTOR.
4. NO SCREW HOLES.

HEATING WATER PUMP/EXPANSION TANK SCHEDULE

SEE SHEET M4 FOR CHILLED WATER PUMP SCHEDULE

MARK	SERVICE	SIZE	GPM	HEAD	HP	RPM	VOLTAGE	EXPANSION TANK	GALLONS
P-1	CHILLED WATER	6" x 4" x 14"	155	50	15	1750	460/3/60	AMTROL AX-86	144
P-3	HEATING WATER	4" x 2 1/2" x 11"	95	35	3	1750	460/3/60	AMTROL AX-40	317
P-4	HEATING WATER	5 & 3 HP	200	55	5	1750	460/3/60	EXISTING	EXISTING
P-5	CHILLED WATER	3" x 2" x 7"	50	40	2	1750	460/3/60	AMTROL AX-86	144
P-6	CHILLED WATER	5" x 4" x 11"	110	50	5	1750	460/3/60	AMTROL AX-86	317
P-7	CHILLED WATER	5" x 4" x 11"	155	50	7½	1750	460/3/60	AMTROL AX-86	144

* REBALANCE EXISTING PUMP TO DELIVER 200 GPM @ 55 FEET OF HEAD. CONTRACTOR SHALL MAKE NECESSARY MODIFICATIONS TO UPGRADE PUMP TO 'NEW' CONDITION INCLUDING BUT NOT LIMITED TO NEW MOTOR AND IMPELLER. EXISTING PUMP WAS ORIGINALLY RATED AT 150 GPM AT 45 FEET OF HEAD.

(1)

JUN 27 1991

REVISED

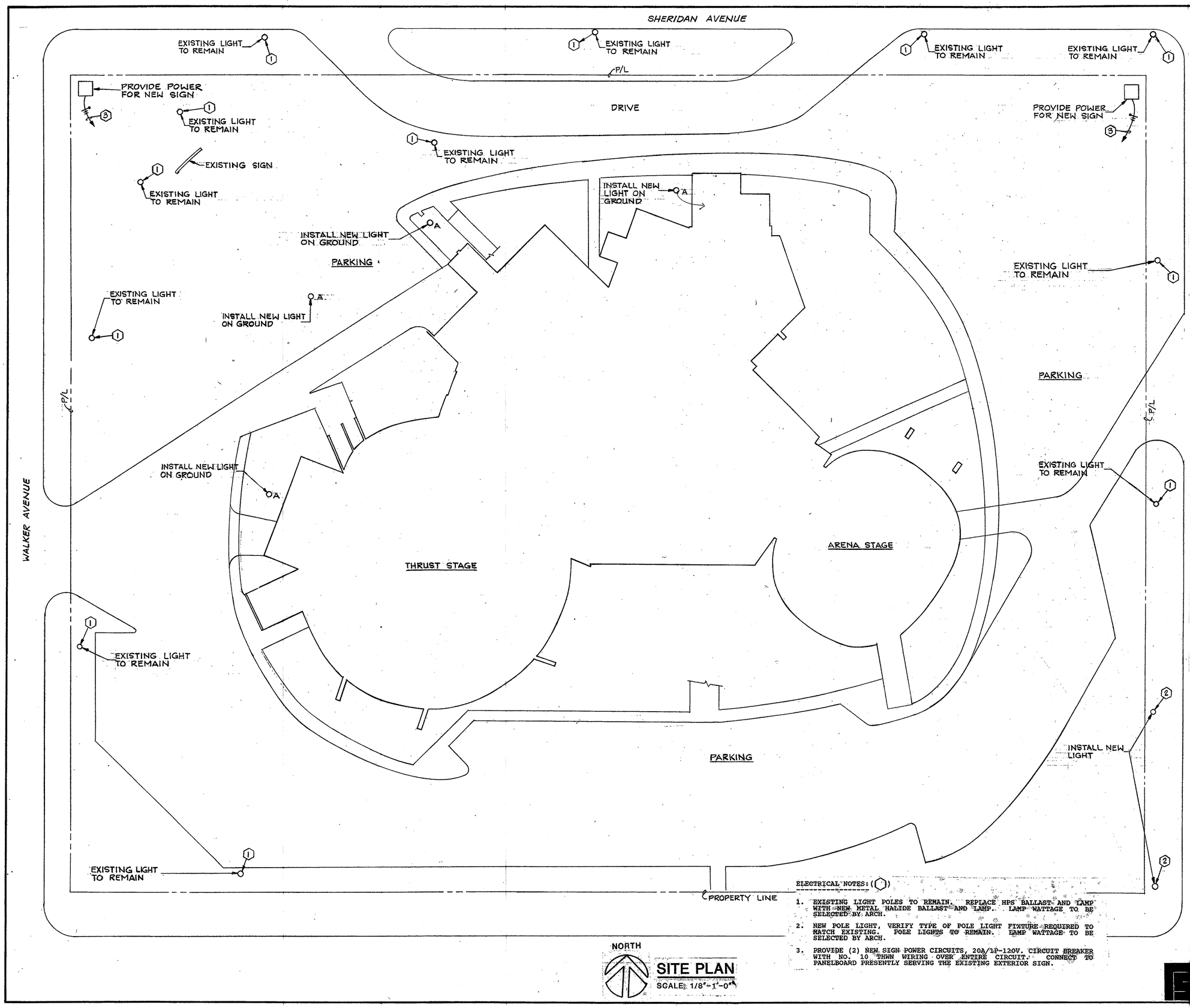
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22APR 199

REVISIONS
(1) 6-11-91
(2) 6-11-91

RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-10
OF 16M



ELECTRICAL NOTES: (1)

1. EXISTING LIGHT POLES TO REMAIN. REPLACE HPS BALLAST AND LAMP WITH NEW METAL HALIDE BALLAST AND LAMP. LAMP WATTAGE TO BE SELECTED BY ARCH.
2. NEW POLE LIGHT, VERIFY TYPE OF POLE LIGHT FIXTURE REQUIRED TO MATCH EXISTING. POLE LIGHTS TO REMAIN. LAMP WATTAGE TO BE SELECTED BY ARCH.
3. PROVIDE (2) NEW SIGN POWER CIRCUITS, 20A/1P-120V. CIRCUIT BREAKER WITH NO. 10 THWN WIRING OVER ENTIRE CIRCUIT. CONNECT TO PANELBOARD PRESENTLY SERVING THE EXISTING EXTERIOR SIGN.

NORTH

SITE PLAN

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

PSA CONSULTING ENGINEERS
3031 N.W. 64 TH STREET SUITE 101
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-1
OF 11

GENERAL LIGHTING NOTES:

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

B. RELAMP ALL EXISTING FLUORESCENT LIGHT FIXTURES WITH SP35 TYPE LAMPS; MATCH WATTAGE OF EXISTING LIGHT FIXTURE. RELAMP ALL INCANDESCENT LIGHT FIXTURES WITH QUARTZ HALOGEN IN WATTAGES AND TYPE OF BEAM SPREAD SELECTED BY THE ARCHITECT.

C. STRIP LIGHTING SHALL BE METALUX SN-240 HPF-120V. FINAL LOCATION AND MOUNTING TO BE DETERMINED BY THE ARCHITECT.

SEE ENLARGED LIGHTING PLAN SHEET E5 FOR LIGHTING THIS AREA.

PANEL "LP-2B"

PANEL "RP-2B"

PANEL "LP-1B"

INSTALL NEW FLUORESCENT STRIP LIGHTS

LP-1B

LP-1B

NOTE:
FINAL LOCATION OF STRIP LIGHTS TO BE DETERMINED BY ARCH. THIS AREA. REF. NOTE C.

MOVE TYPE "N" TO FACE OF ACUS. FABRIC WALL.

LP-2B

LP-2B

LP-2B

LP-2B

NORTH

BASEMENT LEVEL LIGHTING PLAN

SCALE: 3/32"-1'-0"

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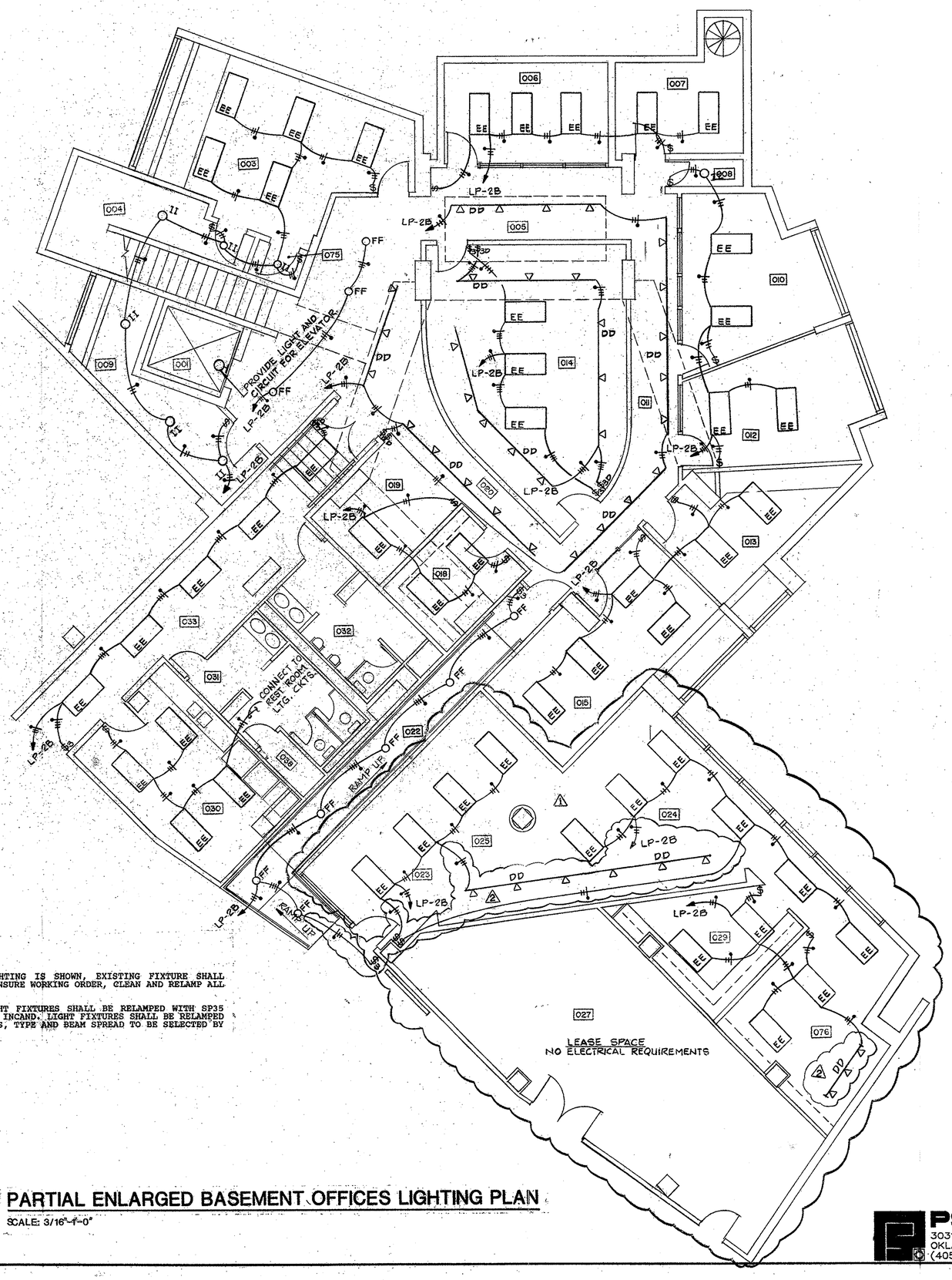
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-2
OF 11E

LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	MOUNTING	LAMPS
A	COOPER #WT125	SURFACE	250W/MH
B	COOPER #WT125	GROUND	250W/MH
C	COOPER #WT125	WALL	250W/MH
D	Reuse and relamp existing and replace existing louver cover with acrylic diffusers	EXTERIOR STEP	
E	ENTRY DOORS - EXISTING _RELAMP	EXTERIOR	
F	REMOVE EXISTING		
G	EXIT LIGHT - EMERGILITE WSNX-42GC		
H	EXISTING LIGHT		
I	METALUX SN SERIES - F.V.		F 40 CW/SP35
J	NOT USED		
K	EXISTING PENDANT FIXTURE TO REMAIN - RELAMP		
L	METALUX 2G440A	RECESSED	F 40 SP 35
M	Existing neon stair lights repair as required to working order		
N	Interior existing to remain, check all existing fixtures to remain and relamp		QUARTZ HALIDE
O	PRESCOLITE #9320-10	SURFACE	2-60G25 WHITE
P	HALO #L2717P W/L200MB	SURFACE	75 MR 16
Q	TRAC LITE HALO L 4010P	SURFACE	Q 250 PAR 20
R	NULITE #SM248 SL	SURFACE	2-F48CW
S	Remove and cover existing exterior step lights		
T	METALUX WS440A	SURFACE	4-F40 SP 35
U	HALO H1318P	SURFACE	300 W R40
V	ALKO #138-RSW	UNDERCOUNTER	1 - T5 - 8W 1 - T5 - 13W
W	GE #UXL2-50CL 23' CORD GREEN CORD AND SOCKETS	SURFACE	50-MINIATURES CLEAR
X	HALO #1319P	PENDANT	Q150 CAP SPOT
Y	HALO H7T - 42GMB		90 PAR FLH
Z	HALO L4010P	SURFACE	Q 250 PAR 20
AA	MARCO EDGELIGHT CUTOM SINAGE PANEL	CEILING OR RECESSED	FURNISHED
BB	ELLIPISOIDAL SPOTLIGHT #Q350 W/Dimmer	RECESSED	
CC	LIGHTOLIER #4211	SURFACE	G25W GLOSSY WHITE
DD	REUSE EXISTING 8' TRACK LIGHTS	SURFACE	
EE	METALUX 2G440A	CHAIN HUNG @ 8' - 0" A.F.F.	4 - F40 SP 35
FF	REUSE EXISTING RELAMP AND RELOCATE	SURFACE	
GG	EMERGILITE #EP 15 II W/#24LSM 220-D BATTERY PACK	RECESSED	MERCURY
HH	HALO #H7T - 418P EYE BALL	RECESSED	1 - 75W R30
II	KEYLESS PORCELAIN	SURFACE	1 - 60W A
JJ	LIGHOILER #40321	SURFACE	1 - 60 W G GLOSSY WHITE
KK	POLE LIGHT		
LL	GREENLEE SERIES 101 W/WALK OVER COVER	RECESSED IN PAVING	70 W R - 40/MH



GENERAL LIGHTING NOTES:

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

B. ALL EXISTING FLUOR. LIGHT FIXTURES SHALL BE RELAMPED WITH SP35 TYPE LAMPS, ALL EXISTING INCAND. LIGHT FIXTURES SHALL BE RELAMPED WITH QUARTZ HALOGEN LAMPS, TYPE AND BEAM SPREAD TO BE SELECTED BY THE ARCHITECT.

NORTH

PARTIAL ENLARGED BASEMENT OFFICES LIGHTING PLAN

SCALE: 3/16"-1'-0"

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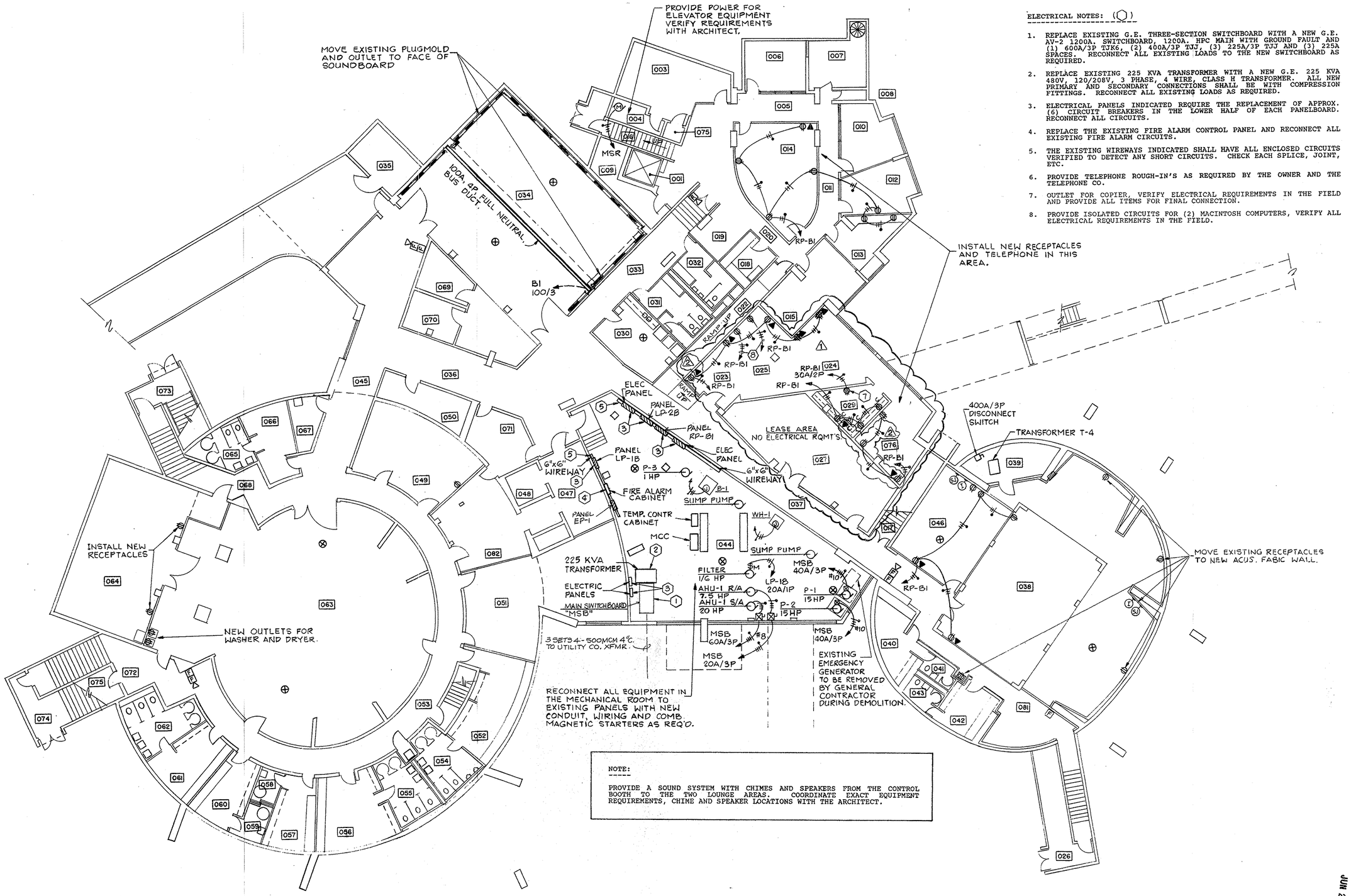
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-3
OF 11E

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ELECTRICAL NOTES: (⬡)

1. REPLACE EXISTING G.E. THREE-SECTION SWITCHBOARD WITH A NEW G.E. AV-2 1200A. SWITCHBOARD, 1200A. HPC MAIN WITH GROUND FAULT AND (1) 600A/3P TJK6, (2) 400A/3P TJJ, (3) 225A/3P TJJ AND (3) 225A SPACES. RECONNECT ALL EXISTING LOADS TO THE NEW SWITCHBOARD AS REQUIRED.
2. REPLACE EXISTING 225 KVA TRANSFORMER WITH A NEW G.E. 225 KVA 480V, 120/208V, 3 PHASE, 4 WIRE, CLASS H TRANSFORMER. ALL NEW PRIMARY AND SECONDARY CONNECTIONS SHALL BE WITH COMPRESSION FITTINGS. RECONNECT ALL EXISTING LOADS AS REQUIRED.
3. ELECTRICAL PANELS INDICATED REQUIRE THE REPLACEMENT OF APPROX. (6) CIRCUIT BREAKERS IN THE LOWER HALF OF EACH PANELBOARD. RECONNECT ALL CIRCUITS.
4. REPLACE THE EXISTING FIRE ALARM CONTROL PANEL AND RECONNECT ALL EXISTING FIRE ALARM CIRCUITS.
5. THE EXISTING WIREWAYS INDICATED SHALL HAVE ALL ENCLOSED CIRCUITS VERIFIED TO DETECT ANY SHORT CIRCUITS. CHECK EACH SPLICE, JOINT, ETC.
6. PROVIDE TELEPHONE ROUGH-IN'S AS REQUIRED BY THE OWNER AND THE TELEPHONE CO.
7. OUTLET FOR COPIER, VERIFY ELECTRICAL REQUIREMENTS IN THE FIELD AND PROVIDE ALL ITEMS FOR FINAL CONNECTION.
8. PROVIDE ISOLATED CIRCUITS FOR (2) MACINTOSH COMPUTERS, VERIFY ALL ELECTRICAL REQUIREMENTS IN THE FIELD.

NOTE:

PROVIDE A SOUND SYSTEM WITH CHIMES AND SPEAKERS FROM THE CONTROL BOOTH TO THE TWO LOUNGE AREAS. COORDINATE EXACT EQUIPMENT REQUIREMENTS, CHIME AND SPEAKER LOCATIONS WITH THE ARCHITECT.

NORTH

BASEMENT POWER PLAN

SCALE: 3/32"-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET E-4 OF 11E

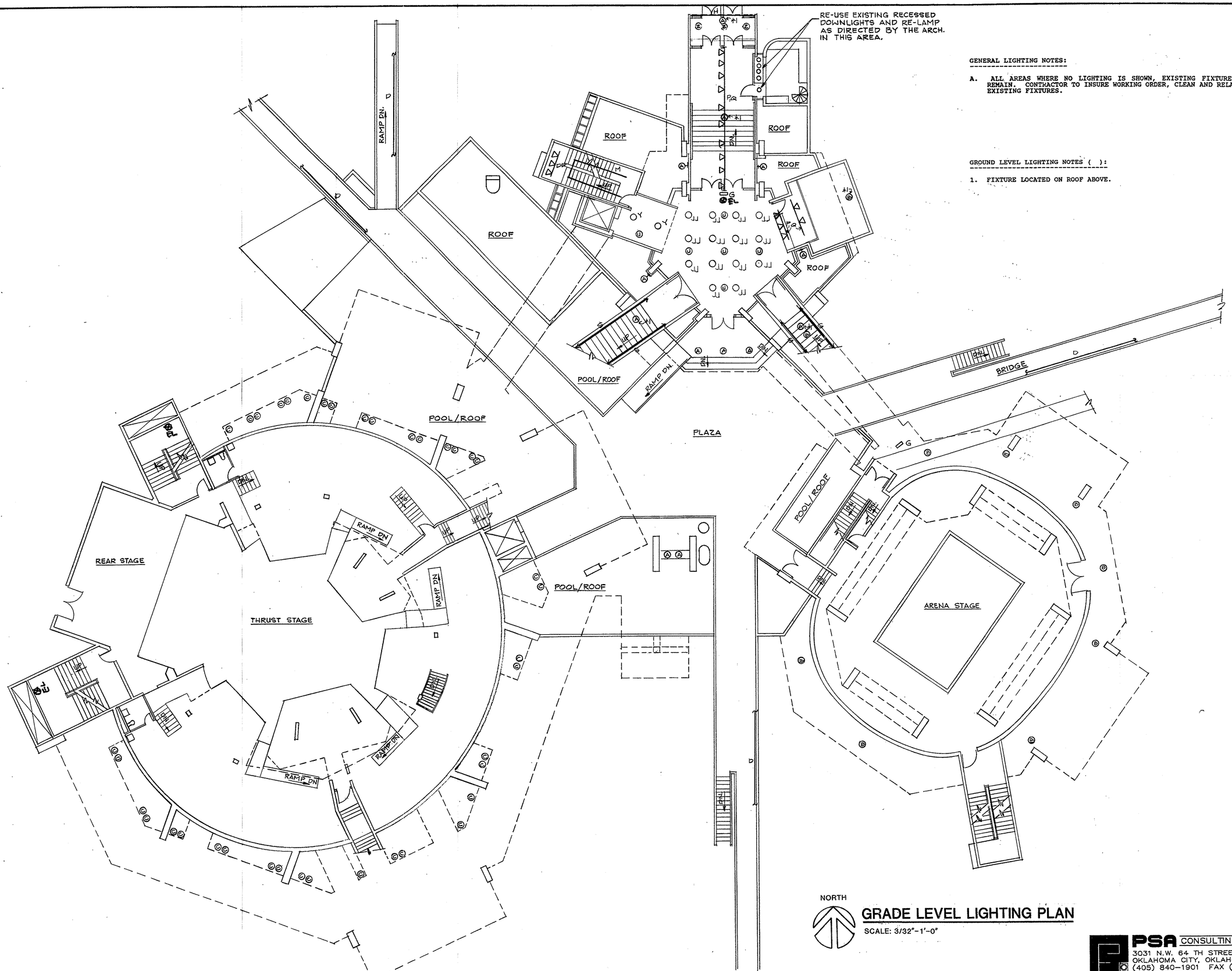
RE-USE EXISTING RECESSED DOWNLIGHTS AND RE-LAMP AS DIRECTED BY THE ARCH. IN THIS AREA.

GENERAL LIGHTING NOTES:

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

GROUND LEVEL LIGHTING NOTES ( ):

1. FIXTURE LOCATED ON ROOF ABOVE.



NORTH

GRADE LEVEL LIGHTING PLAN

SCALE: 3/32"-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-5
OF 11E

ELECTRICAL NOTES:

1. CONNECT NEW POWER CIRCUITS TO EXISTING PANELS SERVING THE RESEPCTIVE AREAS, VERIFY ALL POWER REQUIREMENTS WITH THE ARCHITECT.

ROOF
ROOF
ROOF
ROOF
PIPE HEATING CKT. ①
UP
DN
RAMP DN.
BRIDGE
POOL/ ROOF
PLAZA
REAR STAGE
THRUST STAGE
POOL/ ROOF
ARENA STAGE
PIPE HEATING CKT. ①
2G
PIPE HEATING CKT. ①
2G
PIPE HEATING. CKT. ①
2G
400/3P/3F/600V
NEMA 3R
3-FRS 250
CHILLER CH-1
150 TON
(ICE STORAGE)
ELECTRICAL CONTRACTOR TO PROVIDE WP COMB/ MAG. STARTER AS DIRECTED BY THE EQUIPMENT SUPPLIED.

NORTH

GRADE LEVEL POWER PLAN

SCALE: 3/32"-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-6
OF 11E

MOUNT TO THE BOTTOM OF THE CATWALK. VERIFY MOUNTING OF FIXTURES WITH ARCH.

PROVIDE LIGHT SWITCHING IN THIS AREA AS DIRECTED BY THE ARCHITECT.

VERIFY AND PROVIDE ALL SWITCHING OF LIGHTS IN THE ARENA STAGE AREA AS DIRECTED BY ARCH.

THRUST STAGE
*3

ARENA STAGE
*3

TO HOUSE LIGHTS

TO CONTROL ROOM

RAMP DN.

NORTH

AMBULATORY LEVEL LIGHTING PLAN

SCALE: 3/32"-1'-0"

GENERAL LIGHTING NOTES:

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

B. ALL EXISTING STEP LIGHTS SHALL BE PROVIDED WITH A BLANK COVER PLATE, VERIFY THE QUANTITY AND LOCATIONS WITH THE ARCHITECT IN THE FIELD.

C. THRUST STAGE AREA SHALL HAVE ALL STEP LIGHTS, CLEANED, RELAMPED AND PUT IN OPERATING CONDITION.

AMBULATORY LEVEL LIGHTING NOTES (*)

1. REMOVE EXISTING STEP LIGHTS ON WALL.
2. EXISTING FIXTURE TO BE RELAMPED AND RELOCATED AS SHOWN.
3. EXISTING FIXTURES TO REMAIN.

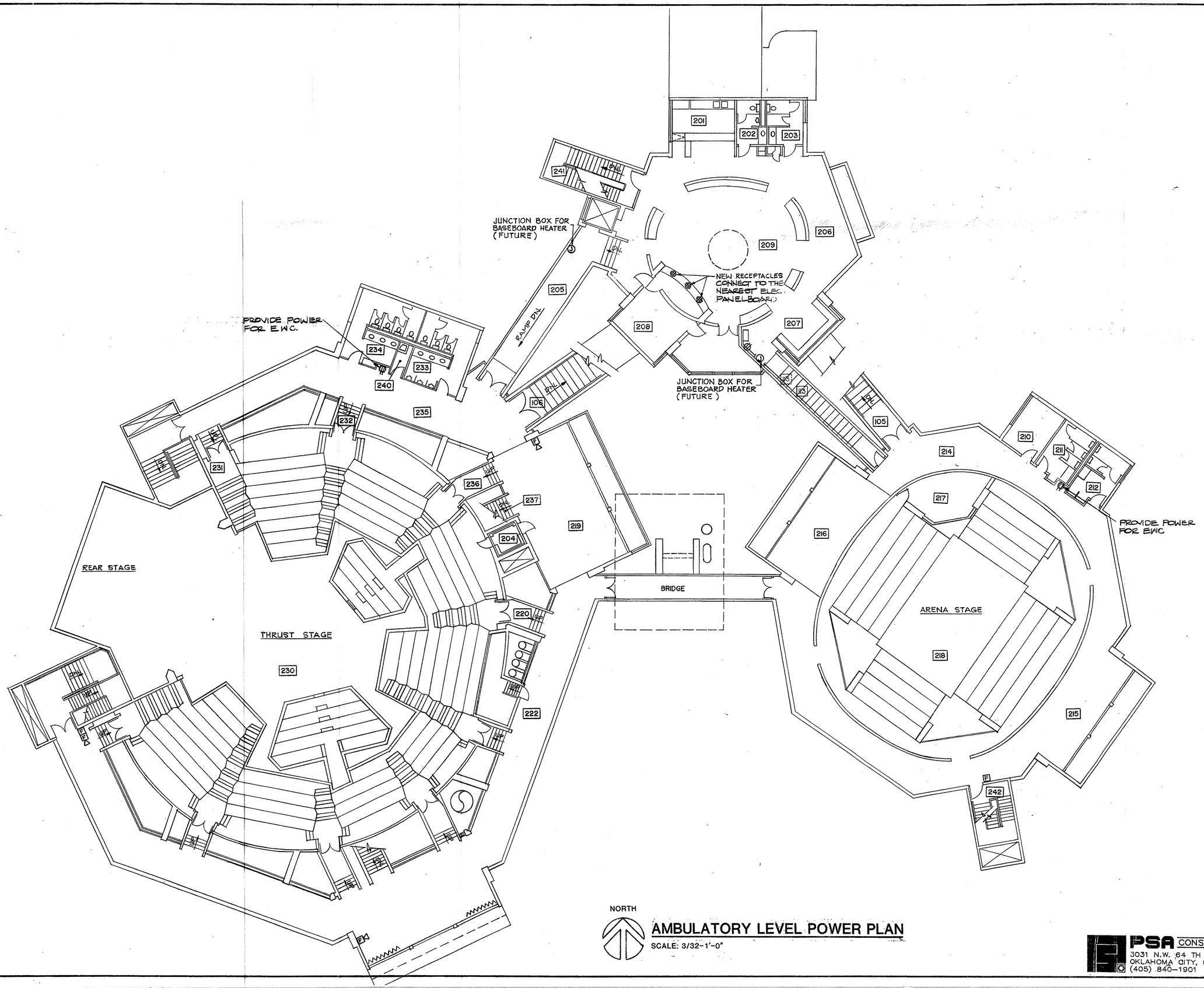
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

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SHEET
E-7
OF 11E



NORTH

AMBULATORY LEVEL POWER PLAN

SCALE: 3/32-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-8
OF 11E

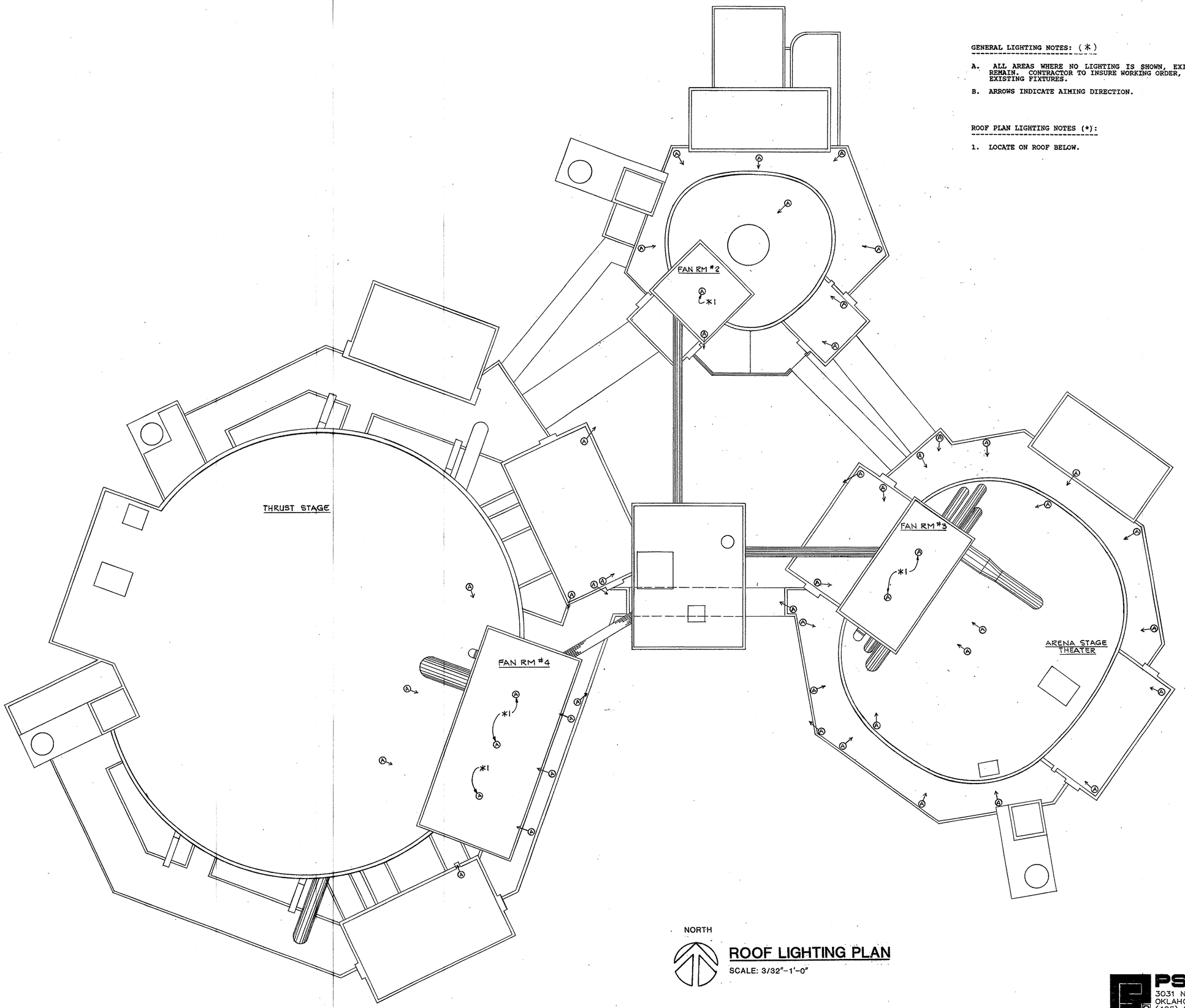
GENERAL LIGHTING NOTES: (*)

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

B. ARROWS INDICATE AIMING DIRECTION.

ROOF PLAN LIGHTING NOTES (*):

1. LOCATE ON ROOF BELOW.



NORTH

ROOF LIGHTING PLAN

SCALE: 3/32"-1'-0"

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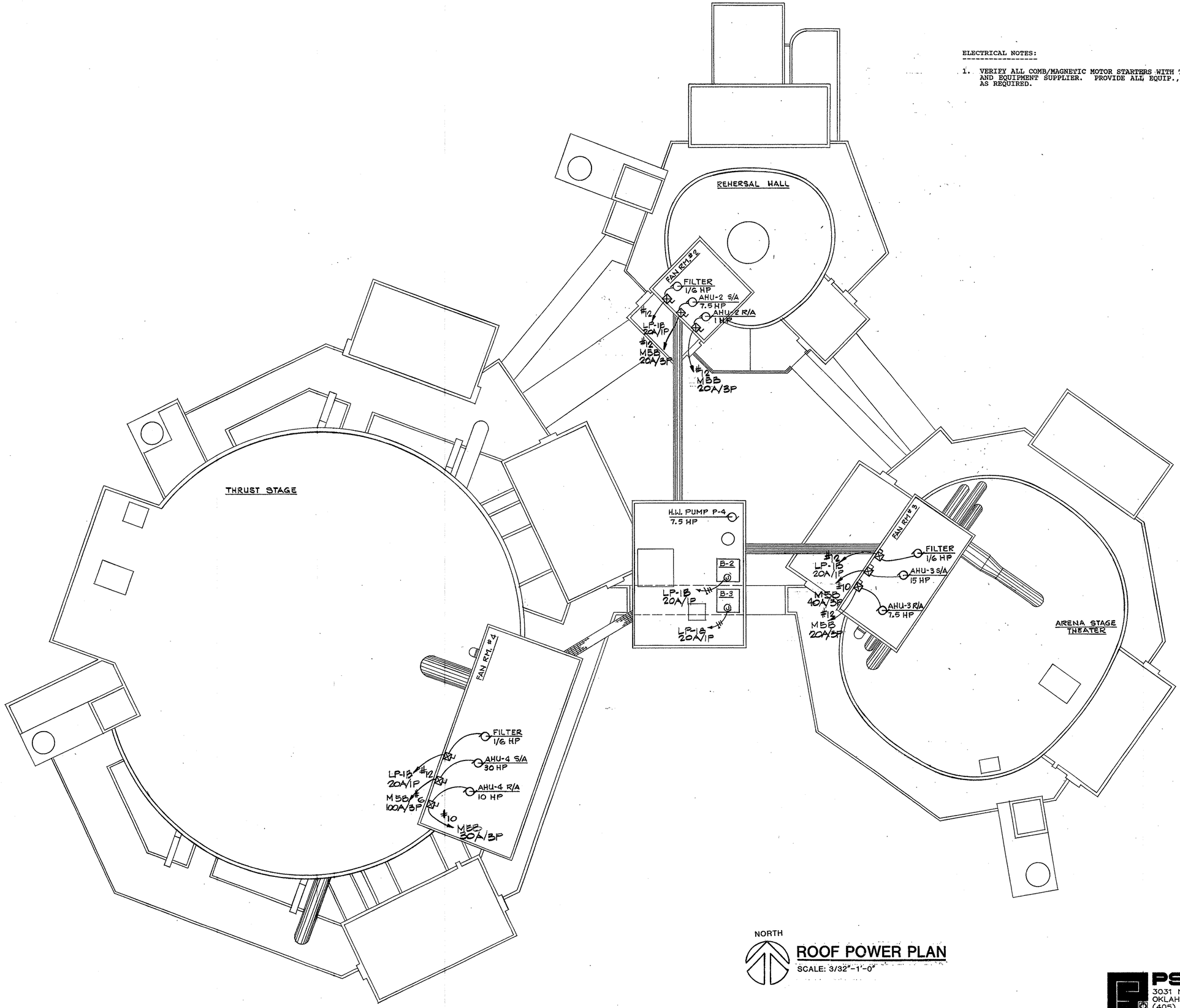
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STAGE CENTER AT FESTIVAL PLAZA

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ELECTRICAL NOTES:

1. VERIFY ALL COMB/MAGNETIC MOTOR STARTERS WITH THE MECH. CONTRACTOR AND EQUIPMENT SUPPLIER. PROVIDE ALL EQUIP., DEVICES AND WIRING AS REQUIRED.



NORTH

ROOF POWER PLAN

SCALE: 3/32"-1'-0"

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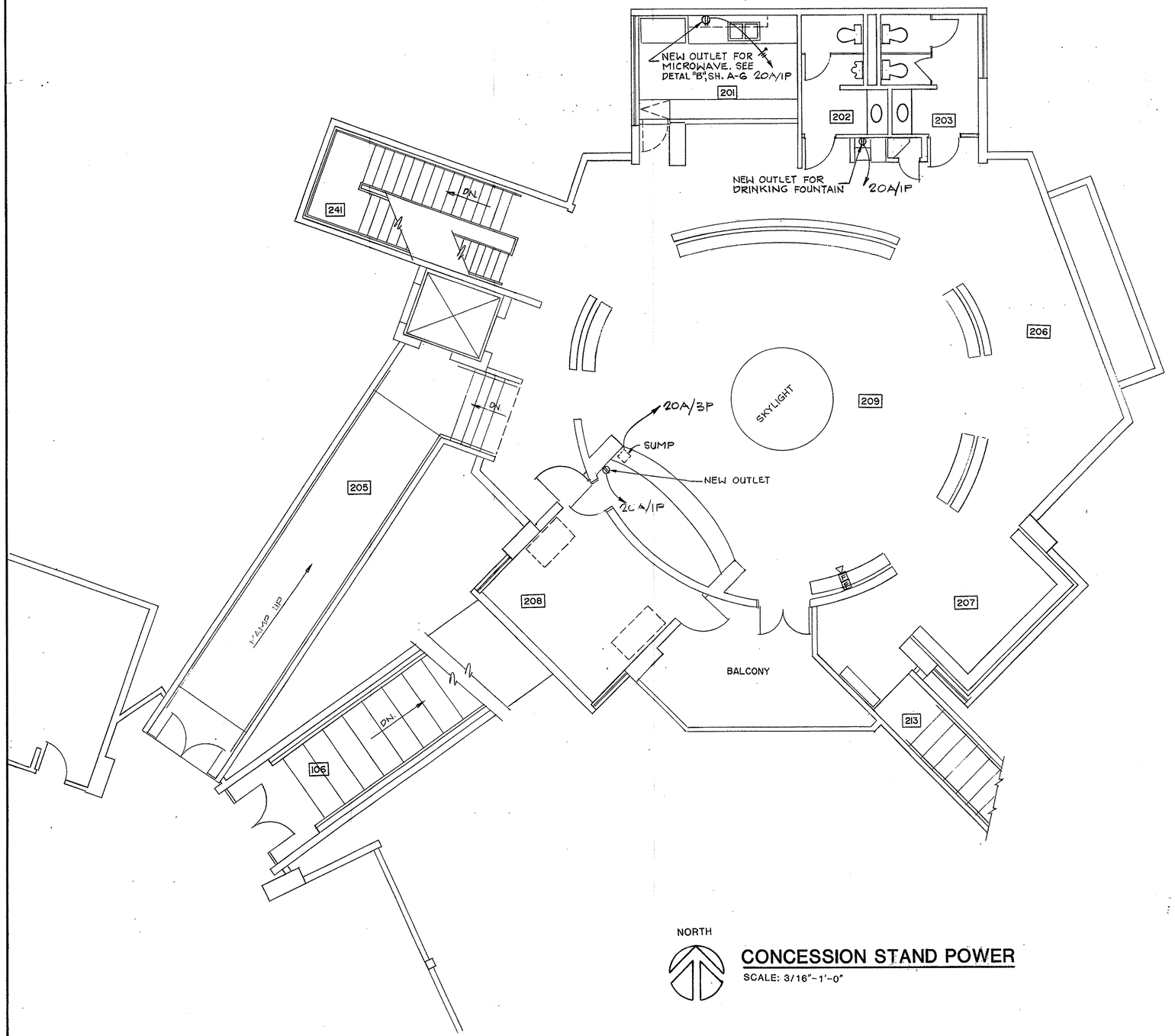
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ELECTRICAL NOTES:

1. PROVIDE ALL NEW POWER REQUIREMENTS INDICATED AND VERIFY LOCATION WITH THE ARCHITECT IN THE FIELD. CONNECT ALL POWER TO THE NEAREST ELECTRICAL PANELBOARD.

2. VERIFY EXACT SUMP PUMP POWER REQUIREMENTS IN THE FIELD. CONNECT TO THE NEAREST ELECTRICAL PANELBOARD.



NORTH

CONCESSION STAND POWER

SCALE: 3/16"-1'-0"

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SHEET
E-11
OF 11E

WALKER AVENUE

REMOVE CONC. CURB, GUTTER & SIDEWALK

NEW CONC. PAVING & CURB & GUTTER

REMOVE STEEL CHAIN GATE

NEW LOADING DOCK @ ARENA STAGE LEVEL

REMOVE EXIST. CURB & GUTTER & SIDEWALK

20' clr.

NEW CONC. PAVING

NEW CURB & GUTTER

NEW PARKING LOT STRIPING

NEW PARKING LOT STRIPING

NEW PARKING LOT STRIPING

H.C.

H.C.

12'-0"

94'

CALIFORNIA AVENUE

N

SITE PLAN

1/16"=1'-0"

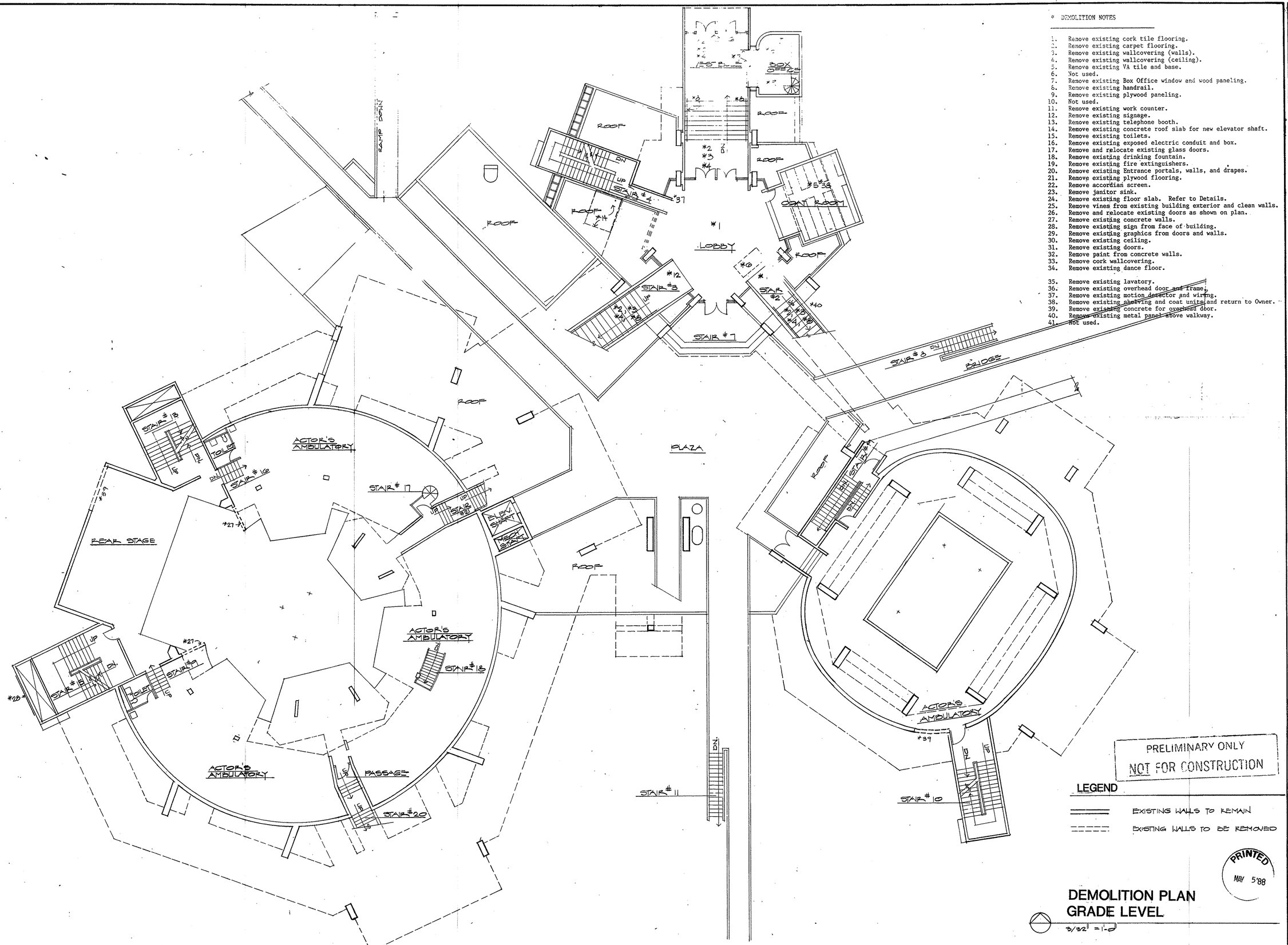
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-1
OF



* DEMOLITION NOTES

1. Remove existing cork tile flooring.
2. Remove existing carpet flooring.
3. Remove existing wallcovering (walls).
4. Remove existing wallcovering (ceiling).
5. Remove existing VA tile and base.
6. Not used.
7. Remove existing Box Office window and wood paneling.
8. Remove existing handrail.
9. Remove existing plywood paneling.
10. Not used.
11. Remove existing work counter.
12. Remove existing signage.
13. Remove existing telephone booth.
14. Remove existing concrete roof slab for new elevator shaft.
15. Remove existing toilets.
16. Remove existing exposed electric conduit and box.
17. Remove and relocate existing glass doors.
18. Remove existing drinking fountain.
19. Remove existing fire extinguishers.
20. Remove existing Entrance portals, walls, and drapes.
21. Remove existing plywood flooring.
22. Remove accordian screen.
23. Remove janitor sink.
24. Remove existing floor slab. Refer to Details.
25. Remove vines from existing building exterior and clean walls.
26. Remove and relocate existing doors as shown on plan.
27. Remove existing concrete walls.
28. Remove existing sign from face of building.
29. Remove existing graphics from doors and walls.
30. Remove existing ceiling.
31. Remove existing doors.
32. Remove paint from concrete walls.
33. Remove cork wallcovering.
34. Remove existing dance floor.
35. Remove existing lavatory.
36. Remove existing overhead door and frame.
37. Remove existing motion detector and wiring.
38. Remove existing shelving and coat units and return to Owner.
39. Remove existing concrete for overhead door.
40. Remove existing metal panel above walkway.
41. Not used.

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EXISTING WALLS TO REMAIN

EXISTING WALLS TO BE REMOVED

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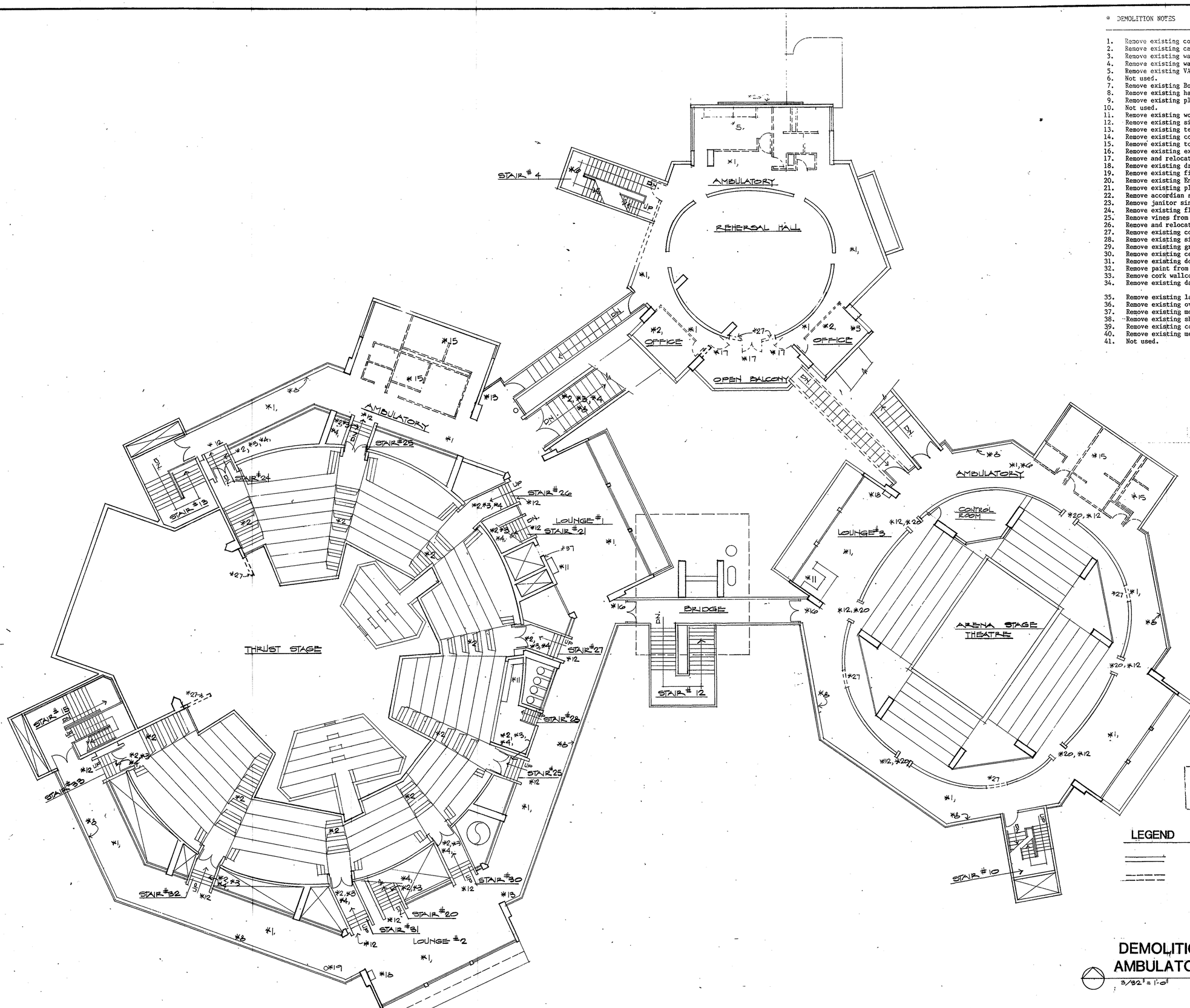
DEMOLITION PLAN GRADE LEVEL

3/32" = 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-3D
OF



* DEMOLITION NOTES

1. Remove existing cork tile flooring.
2. Remove existing carpet flooring.
3. Remove existing wallcovering (walls).
4. Remove existing wallcovering (ceiling).
5. Remove existing VA tile and base.
6. Not used.
7. Remove existing Box Office window and wood paneling.
8. Remove existing handrail.
9. Remove existing plywood paneling.
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36. Remove existing overhead door and frame.
37. Remove existing motion detector and wiring.
38. Remove existing shelving and coat units and return to Owner.
39. Remove existing concrete for overhead door.
40. Remove existing metal panel above walkway.
41. Not used.

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LEGEND

EXISTING WALLS TO REMAIN

EXISTING WALLS TO BE REMOVED

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DEMOLITION PLAN AMBULATORY LEVEL

3/32" = 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-4D

OF

LEGEND

- NEW 6"ø RC WALL - 5/8" GYP BD EA SIDE OF 3 5/8" MTL STUDS @ 16" O.C.
- NEW 10" POURED IN PLACE CONCRETE WALL
- NEW EXTERIOR WALL: METAL PANEL SYSTEM ON 3 5/8" MTL STUDS @ 16" O.C. W/ 5/8" GYP BD @ INTERIOR FACE & 3" BATT INSUL.
- FULL HT. 8"ø GROUT IN H.M. FRAME
- NEW 8" CONC. BLOCK WALL
- NEW BUILT-IN MILLWORK

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BASEMENT LEVEL PLAN

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3/32" = 1'-0"

SHEET A-2 OF

RENOVATION PROJECT

STAGE CENTER AT FESTIVAL PLAZA

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73116

GENERAL NOTES

1. New entrance doors and sidelites.
2. New Box Office Encrance Front. Refer to Details.
3. Not Used.
4. Repair existing concrete stair column.
5. Install new 8' wide x 10' high double doors. Refer Door Schedule.
6. Repair pool leaks.
7. Install new wood decking to match existing.
8. New wood ramp with pipe handrail.
9. Furr out walls with 5/8" gyp. board on 1-1/2" metal studs.
10. Paint existing pipe handrail.
11. Extend concrete floor and glass to new elevator shaft.
12. Install new double doors. Refer Door Schedule in Specs.

ROOF
SUPPLIES 104
LOBBY 101
ELEVATOR
STAIR #4 117
STAIR #3 106
STAIR 105
STAIR #7
STAIR #6
REFER TO SHEET A-3 FOR ENLARGED PLAN THIS AREA
RAMP DOWN
POOL/ROOF G.
RAMP DN
STAIR #8 120
TOILET 115
ACTOR'S AMBULATORY 112
STAIR #17
PASSAGE 110
MECH. STAIR
PLAZA
REAR STAGE 114
STAIR #16 121
TOILET 116
STAIR #18
PASSAGE 111
STAIR #20 225
STAIR #11
STAIR #9 DN
BRIDGE
STAIR #10 119
STAIR #36 107
ARENA STAGE 109
NEW LOADING DOCK 123

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LEGEND

- NEW GYP BD. WALL - 5/8" GYP BD. EA. SIDE OF 3 5/8" MTL. STUDS @ 16" OC.
- NEW 10" POURED IN PLACE CONCRETE WALL
- NEW EXTERIOR WALL - METAL PANEL VENEER SYSTEM OVER 6" METAL STUDS @ 16" O.C. W/ 5/8" GYP BD. @ INTERIOR FACE & 6" BATT INSUL.
- NEW BUILT IN MILLWORK

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GRADE LEVEL PLAN

3/32" = 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-3
OF

GENERAL NOTES

1. Remove portions of existing concrete wall.
2. New insulated glass enclosure. Refer to Details.
3. New Restroom layout.
4. Not Used.
5. New Handicap Stair Lift.
6. New rear entrance to Handicap Lift.
7. Not Used.
8. Shaded area indicates area to receive new carpet.
9. Enclose existing open stair. Refer to Details.
10. New 3" concrete topping at Concession Area #209.
11. New 4" concrete topping at Seating Area #207 and at Storage #208.
12. Fill existing concrete gutter with concrete and level new Seating Area. Finish Floor elevation 120'-0".
13. Widen and enclose existing open stair.

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RENOVATION PROJECT

STAGE CENTER AT FESTIVAL PLAZA

SHEET A-4 OF

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SYMBOL LEGEND

DRAPES

WALL TYPE LEGEND

- NEW GYP BD WALL - 5/8" GYP BD EA SIDE OF 3 5/8" MTL. STUDS @ 16" O.C.
- NEW 10" POURED IN PLACE CONCRETE WALL
- NEW EXTERIOR WALL: METAL PANEL VENEER SYSTEM OVER 6" METAL STUDS @ 16" O.C. W/ 5/8" GYP BD. @ INTERIOR FACE
- NEW 6" BATT INSULATION. 5/8" GYP BD OVER METAL STUDS @ 16" O.C. & 6" BATT INSUL.
- NEW BUILT IN MILLWORK

AMBULATORY LEVEL PLAN

3/32" = 1'-0"

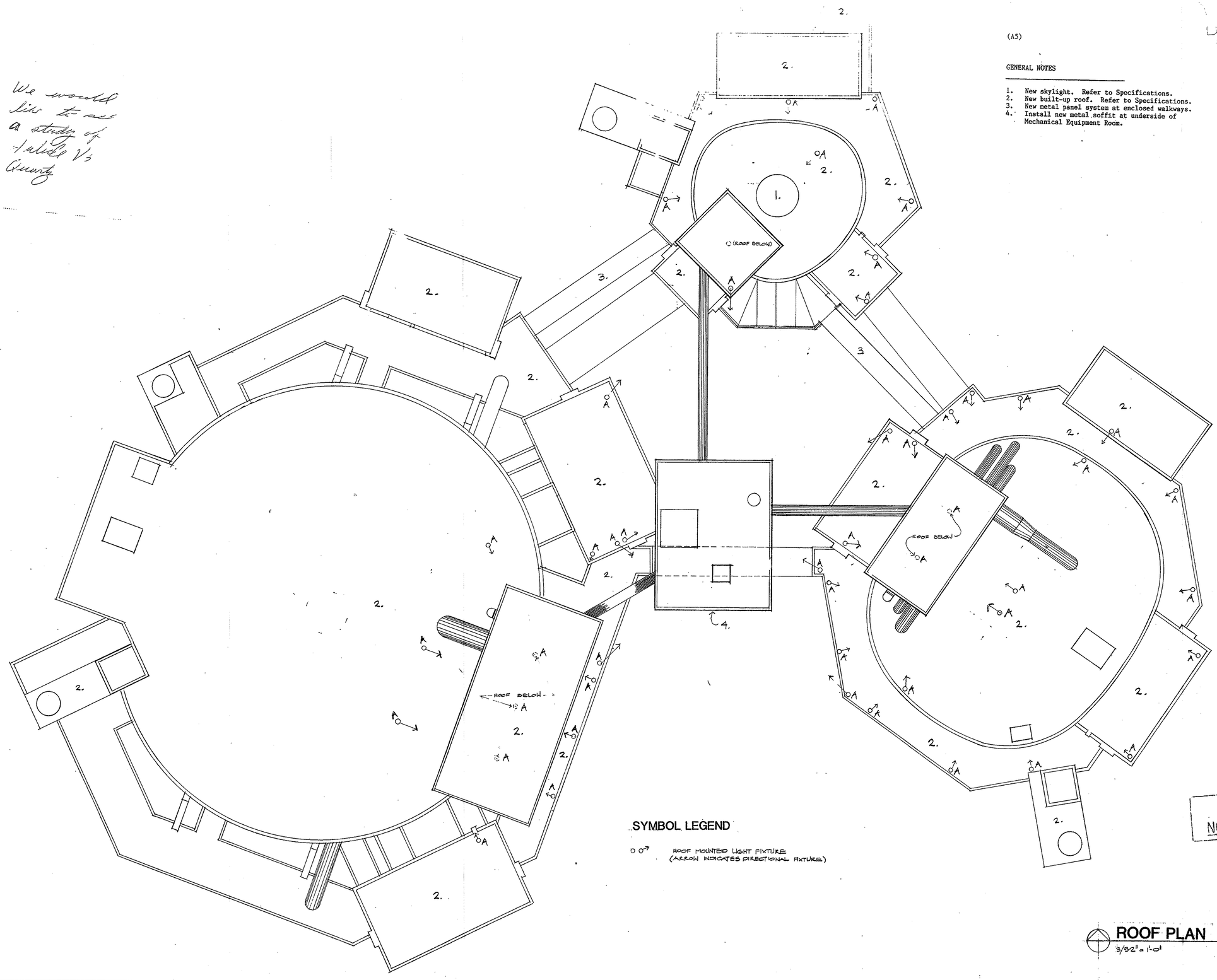
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We would like to see a study of Labette Vs County

(A5)

GENERAL NOTES

1. New skylight. Refer to Specifications.
2. New built-up roof. Refer to Specifications.
3. New metal panel system at enclosed walkways.
4. Install new metal soffit at underside of Mechanical Equipment Room.



SYMBOL LEGEND

ROOF MOUNTED LIGHT FIXTURE (ARROW INDICATES DIRECTIONAL FIXTURE)

ROOF PLAN
3/32" = 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-5
OF

PLAN OF BASEMENT OFFICES

3/16" = 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-6
OF

REFLECTED CEILING PLAN OF BASEMENT OFFICES

3/16"=1'-0"

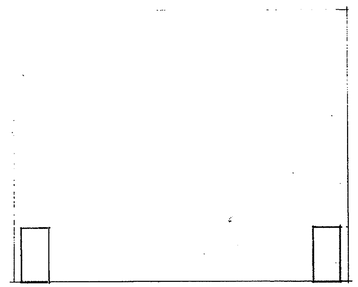
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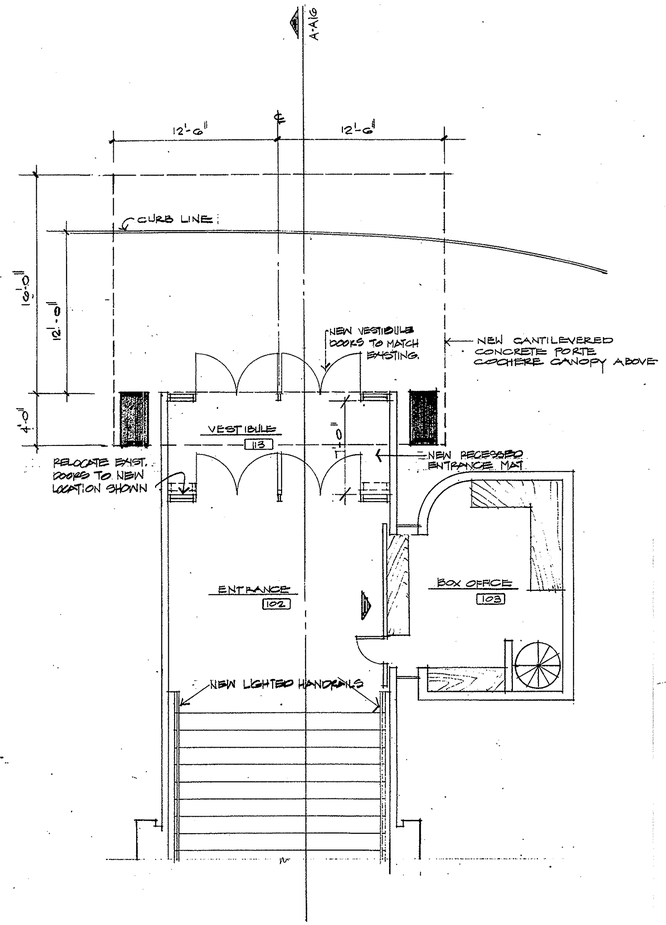
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-7
OF



A-D — REFLECTED CEILING PLAN OF NEW CONCRETE CANOPY



A-B — PLAN OF ENTRANCE
3/16"=1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-8
OF

(A9)

GENERAL NOTES

1. Extend concrete slab to new elevator shaft.
2. New glass wall to match existing adjacent.

A/A9 **PLAN OF LOBBY**

3/16"=1'-0"

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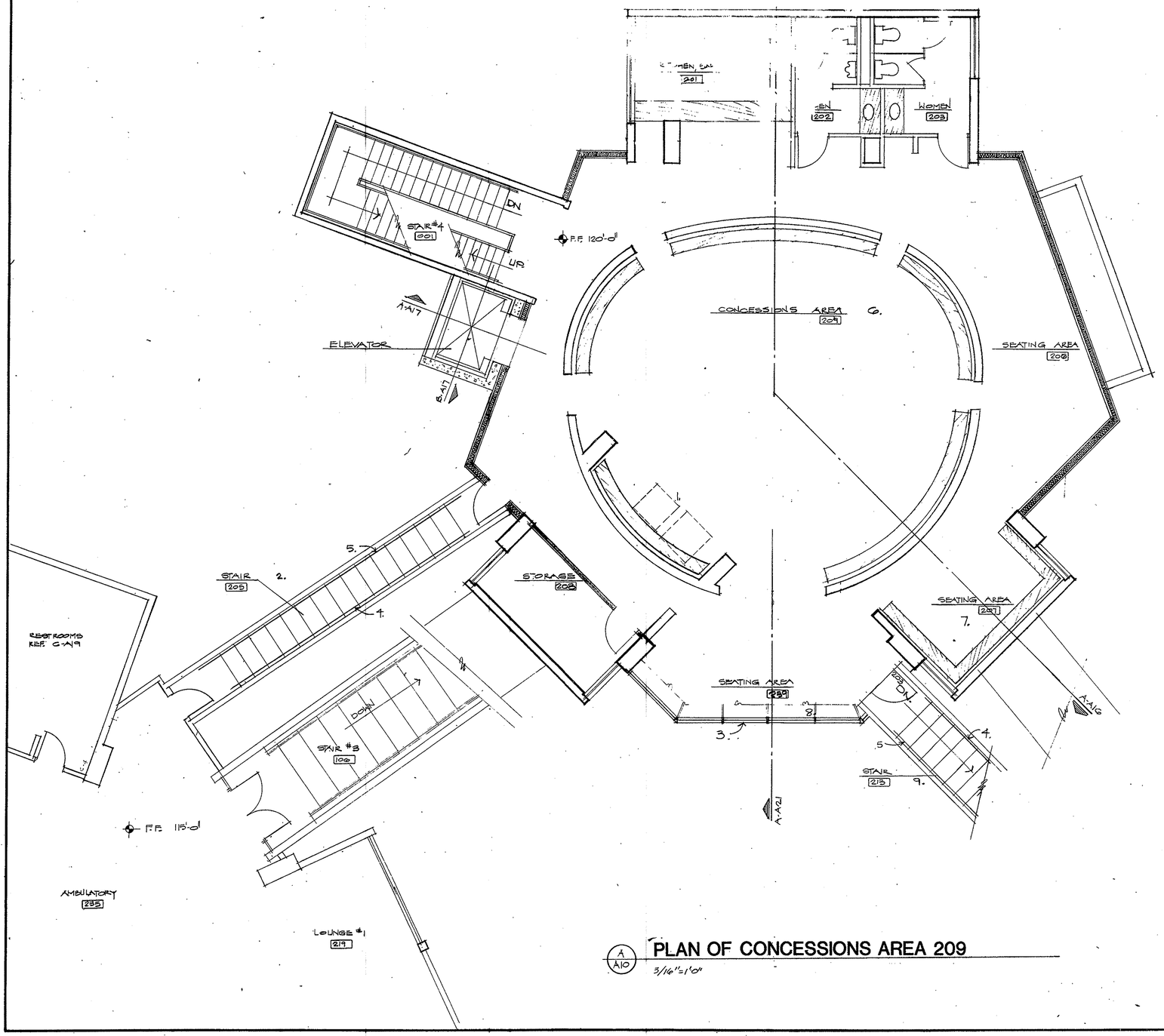
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-9
OF

(A10)

GENERAL NOTES

1. Remove or relocate existing HVAC equipment.
2. Enclose existing open stair. Refer to Details.
3. New sloping glass enclosure. Refer to Details.
4. New Handicap Stair Lift.
5. New lighted Handrail.
6. New 3" concrete topping at Concessions Area #209.
7. New 4" concrete topping at Seating Area #207.
8. Fill existing concrete gutter with concrete; and level new Seating Area. Finish Floor elevation 120'-0".
9.



A10 PLAN OF CONCESSIONS AREA 209

3/16"=1'0"

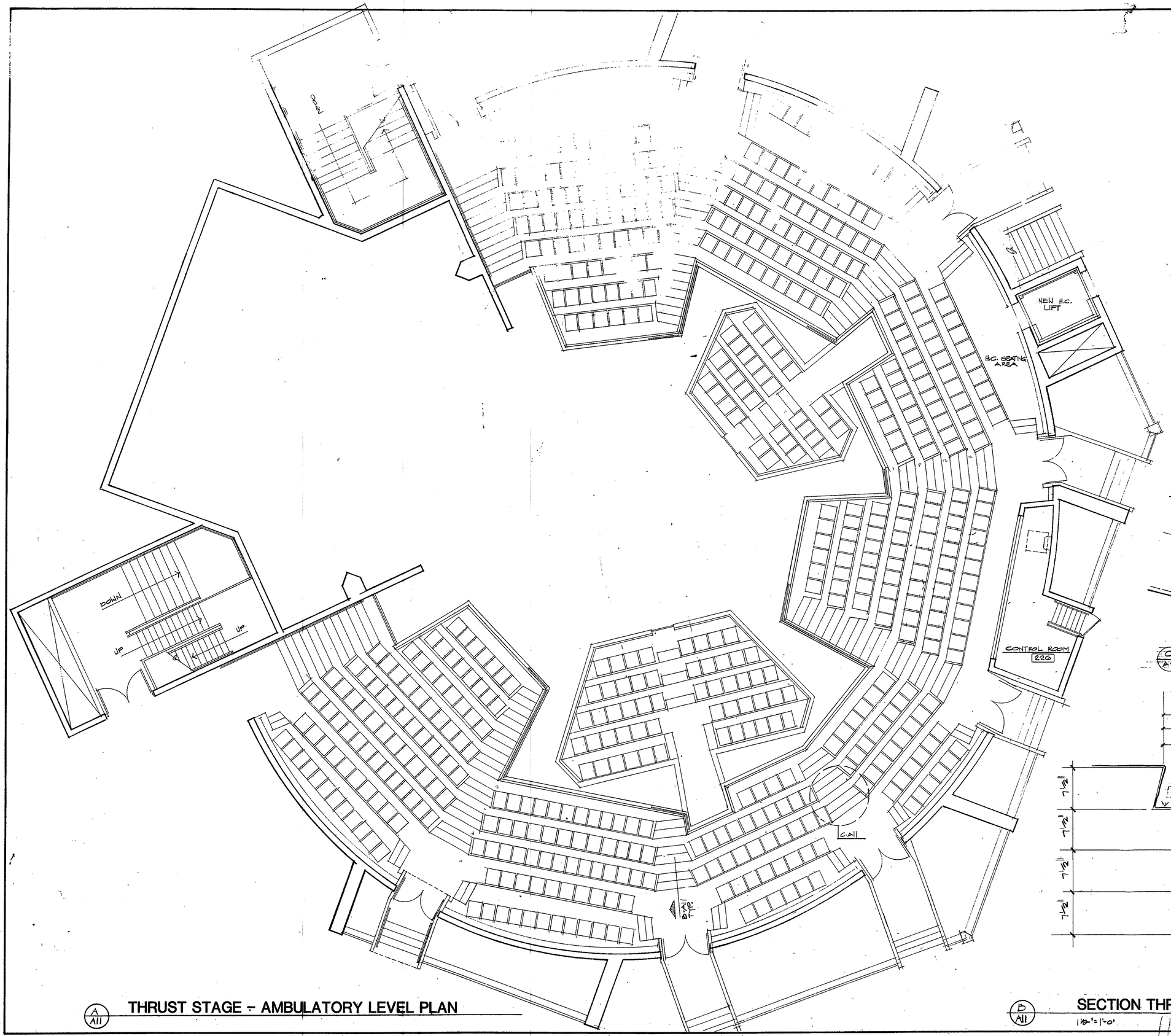
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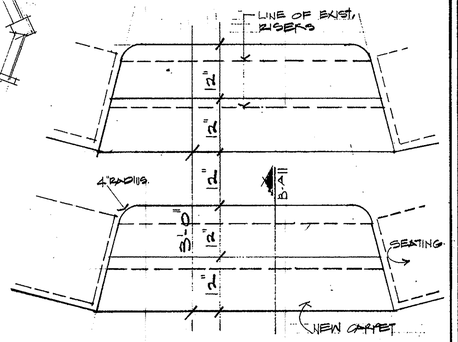
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-10
OF

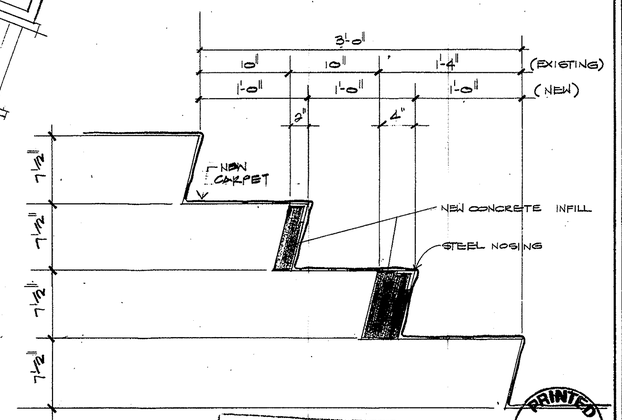


A A11 THRUST STAGE - AMBULATORY LEVEL PLAN

NOTE; STEP DETAILS BELOW OCCUR AT STEPPED UPPER LEVEL SEATING ONLY.



C A-11 PLAN DETAIL AT STEPS
3/4" = 1'-0"



B A11 SECTION THRU STEPS AT THRUST STAGE
1 1/2" = 1'-0"

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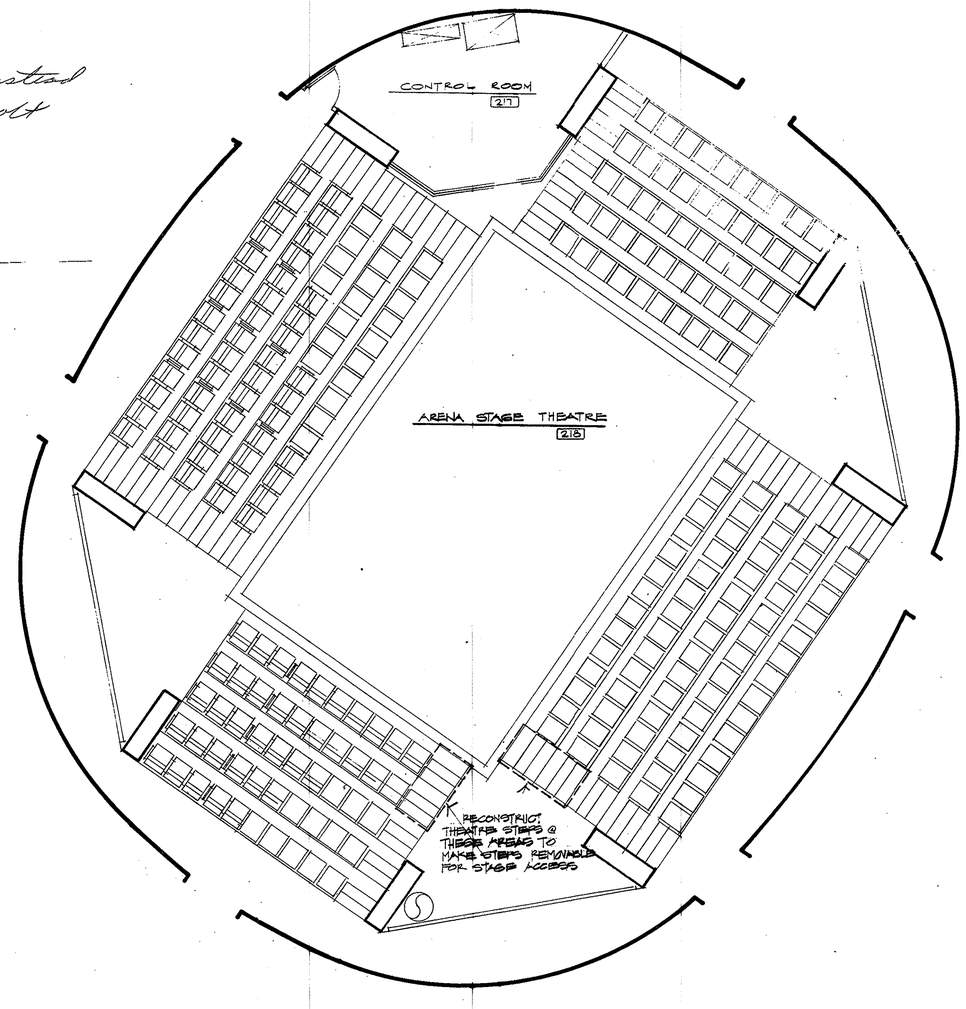
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-11
OF

Pin instead of bolt



A/A12 PLAN OF ARENA STAGE THEATRE 218

3/16" = 1'-0"

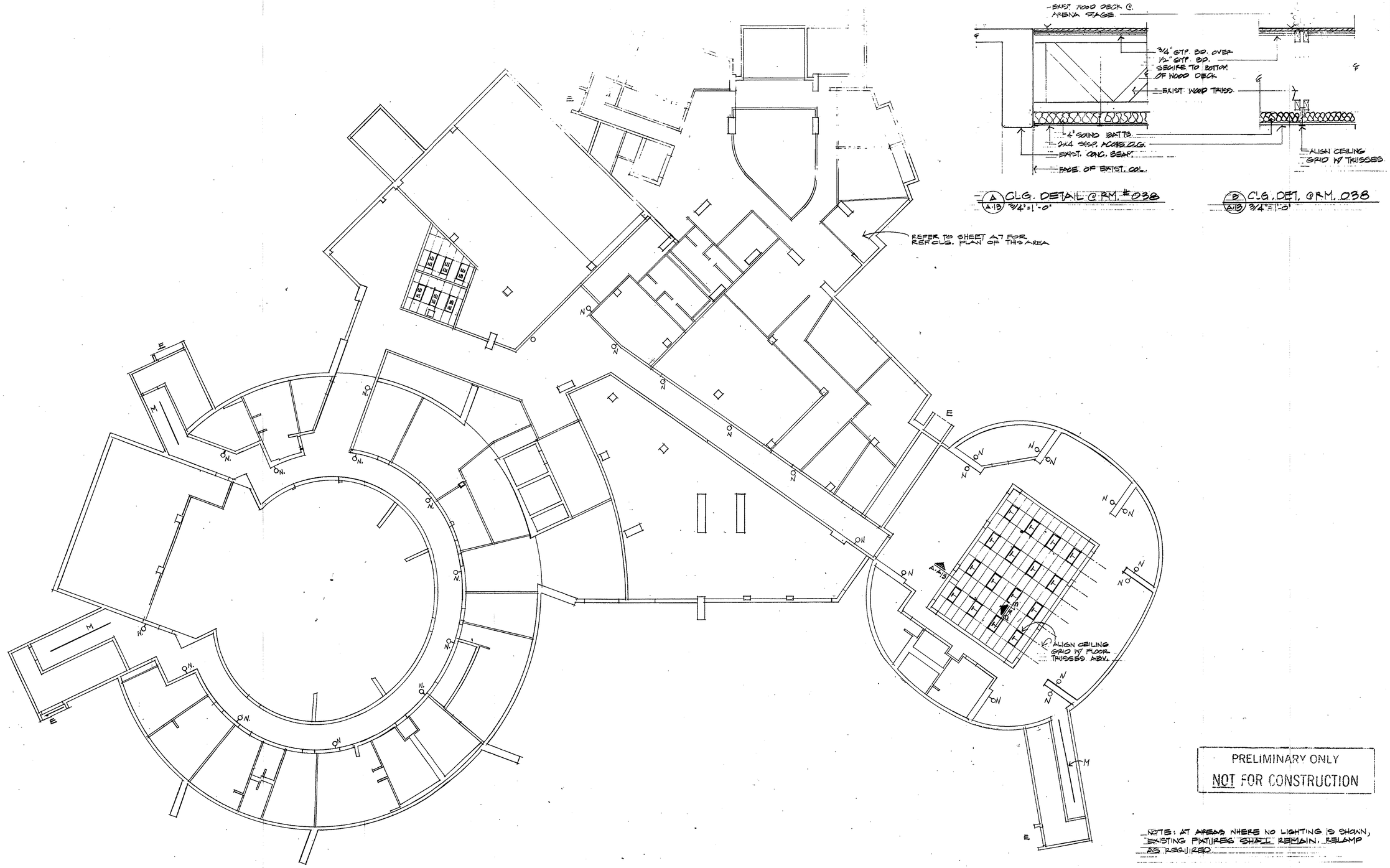
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-12
OF



A/A-13 CLG. DETAIL @ RM. #038
3/4" = 1'-0"

B/A-13 CLG. DET. @ RM. 038
3/4" = 1'-0"

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NOTE: AT AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURES SHALL REMAIN. RELAMP AS REQUIRED.

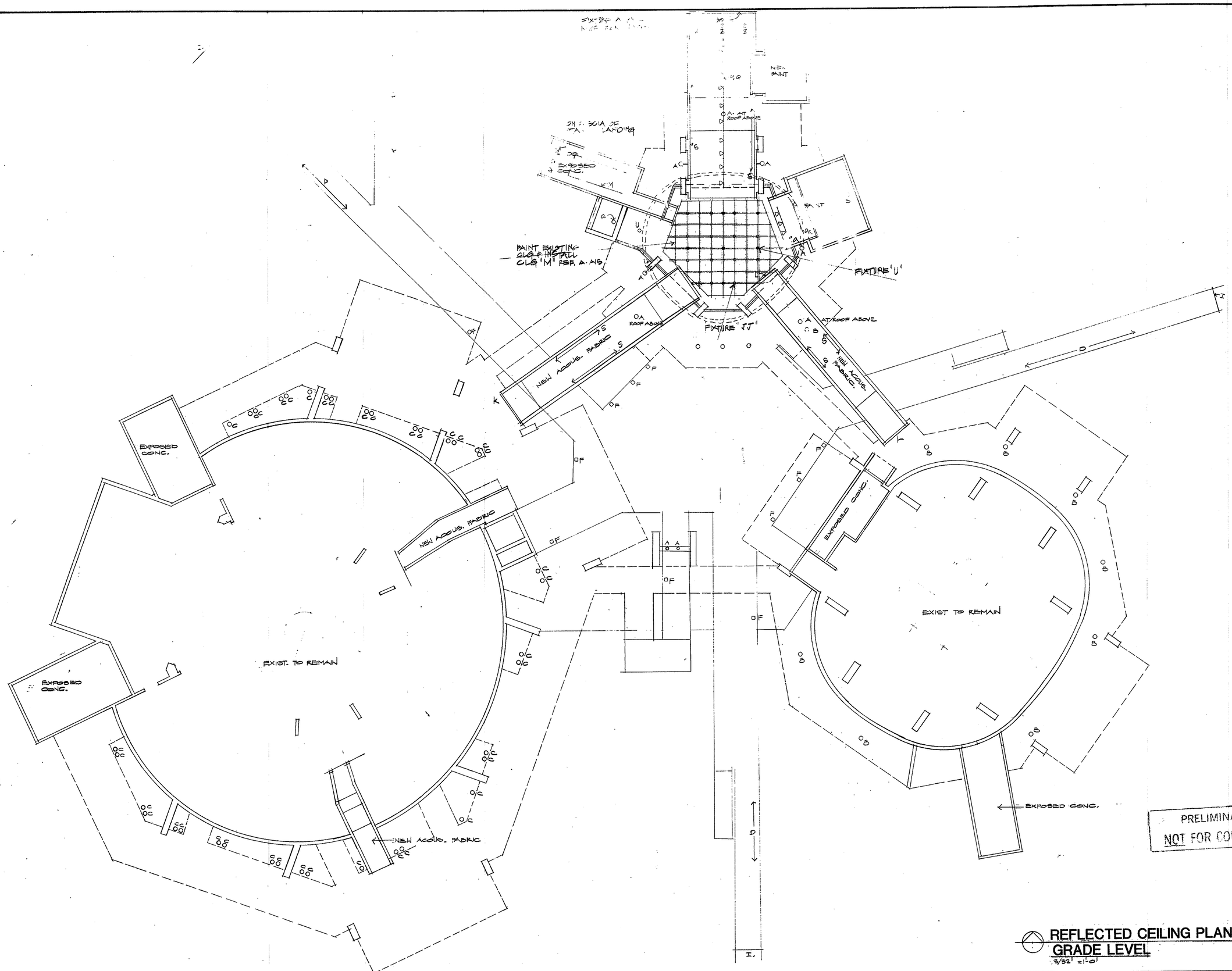
REFLECTED CEILING PLAN
BASEMENT LEVEL

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET A-13
OF



REFLECTED CEILING PLAN
GRADE LEVEL
3/32" =1'-0"

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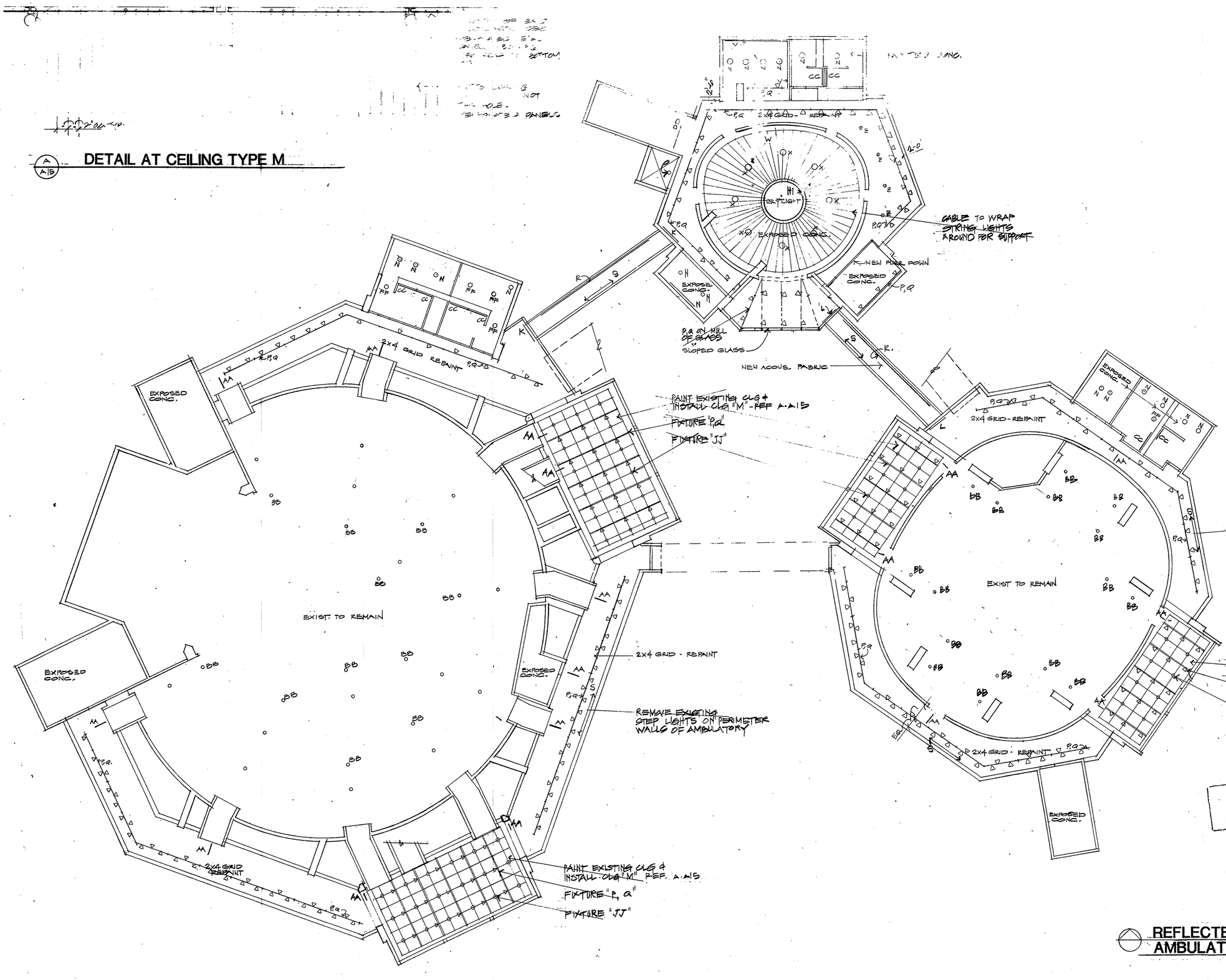
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-14
OF

DETAIL AT CEILING TYPE M

(A/A15)

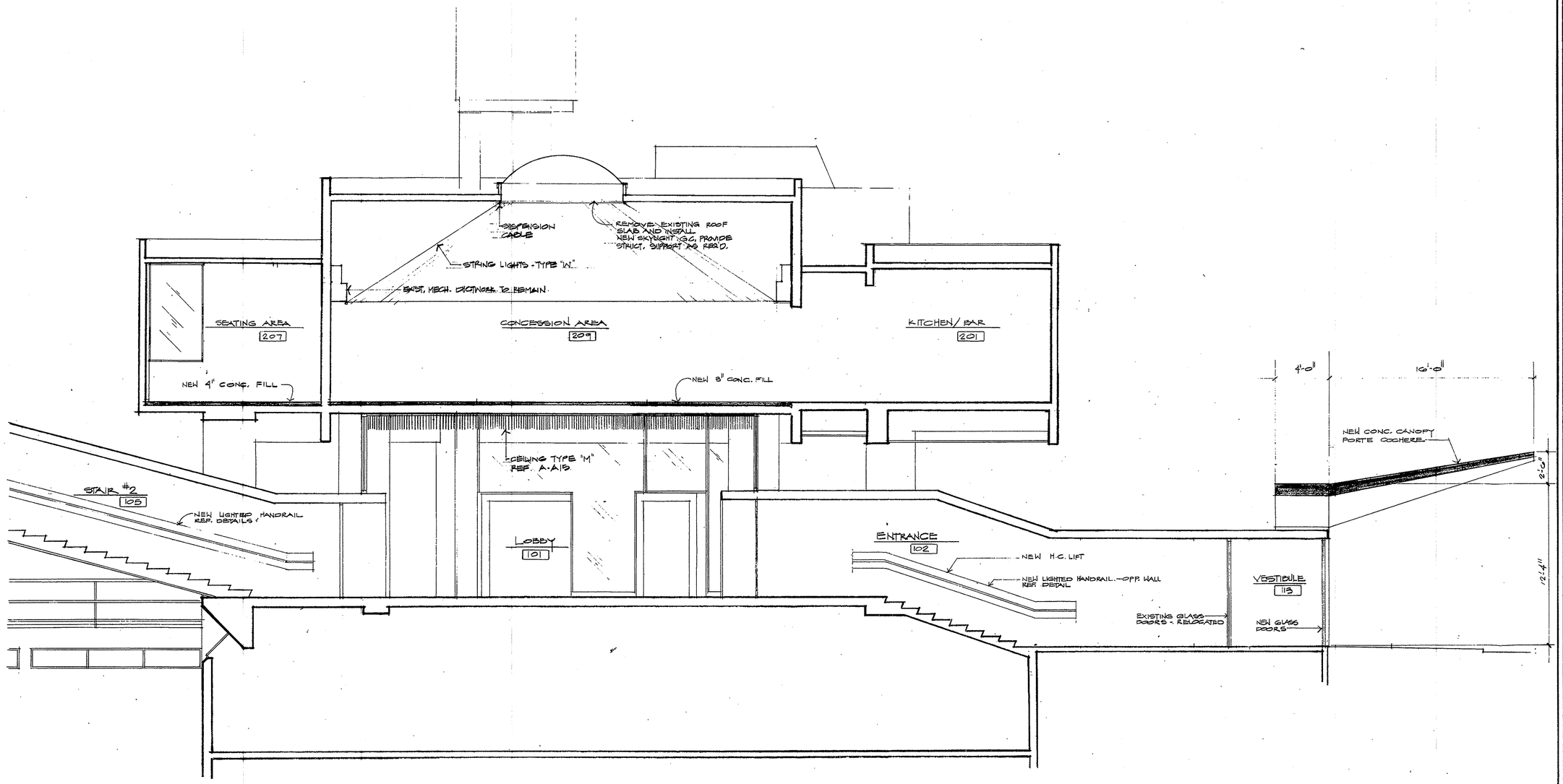


REFLECTED CEILING PLAN AMBULATORY LEVEL

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-15
OF



A/AG **SECTION THRU LOBBY AND CONCESSION AREA**

1/4"=1'-0"

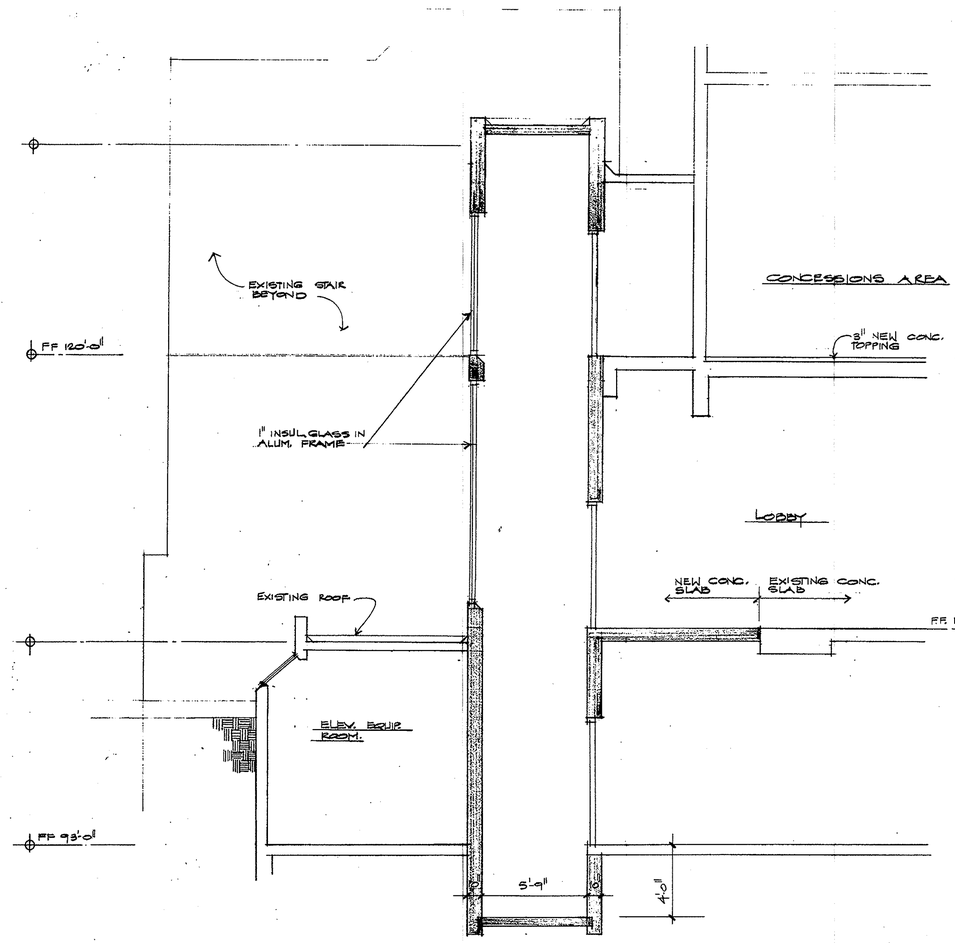
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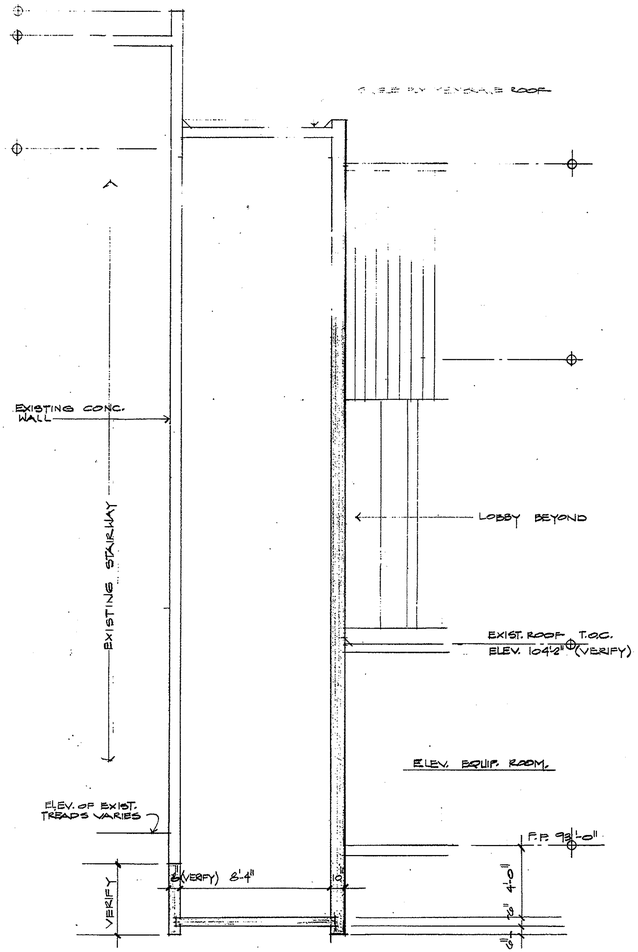
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-16
OF



A/A17 SECTION THRU ELEVATOR SHAFT
1/4"=1'-0"



B/A17 SECTION THRU ELEVATOR SHAFT
1/4"=1'-0"

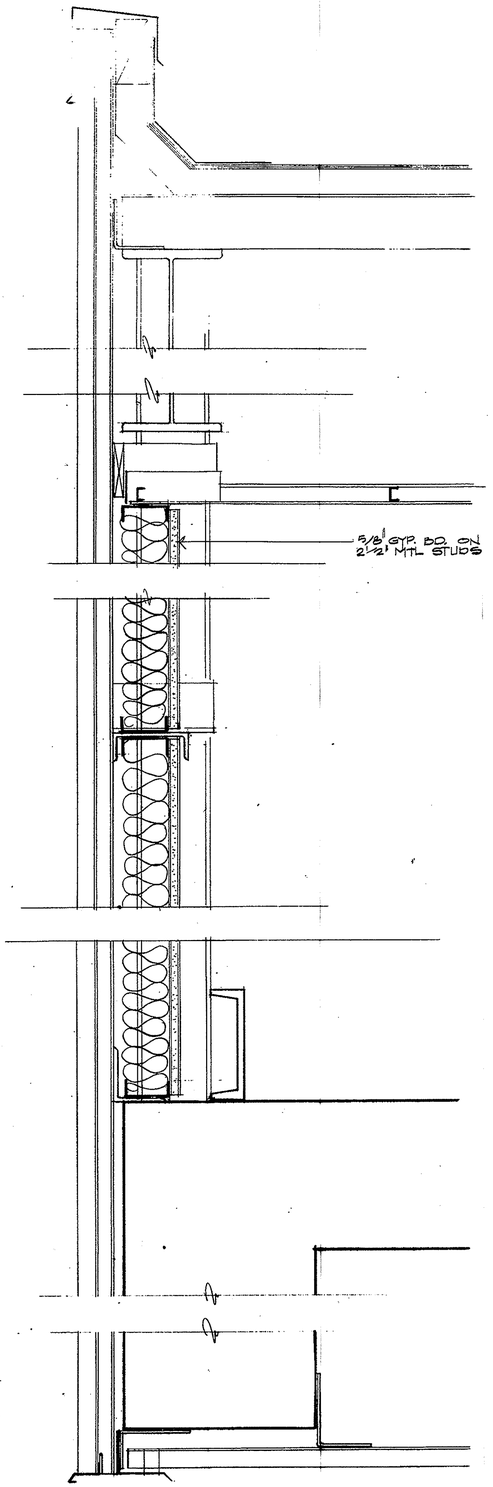
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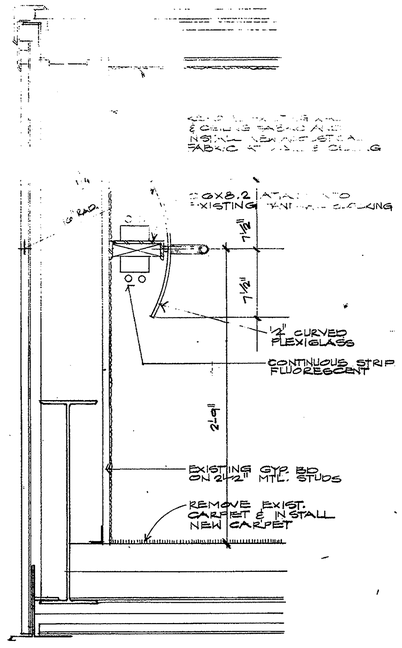
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RENOVATION PROJECT
STAGE CENTFR AT FESTIVAL PLAZA

SHEET
A-17
OF





D / A18 **SECTION THRU STAIRS NO. 2 & NO. 3**

1 1/2" = 1'-0"

A / A18 3/4" = 1'-0"

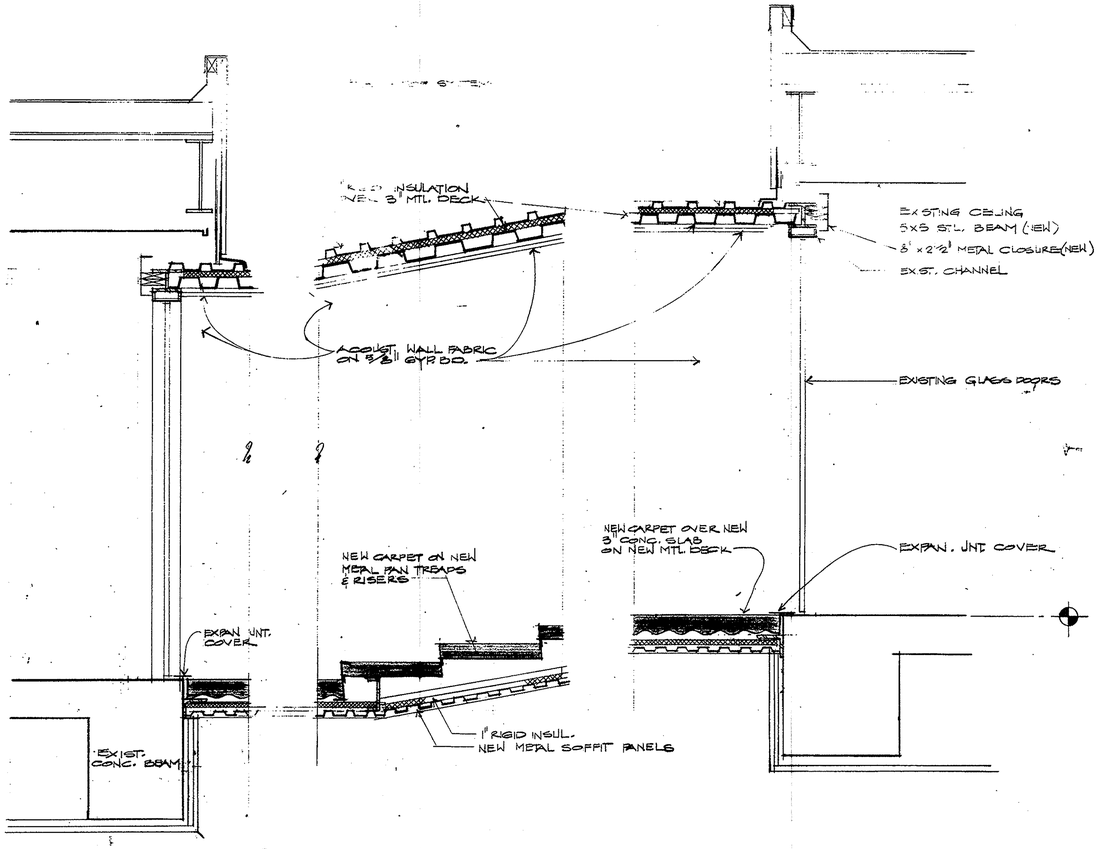
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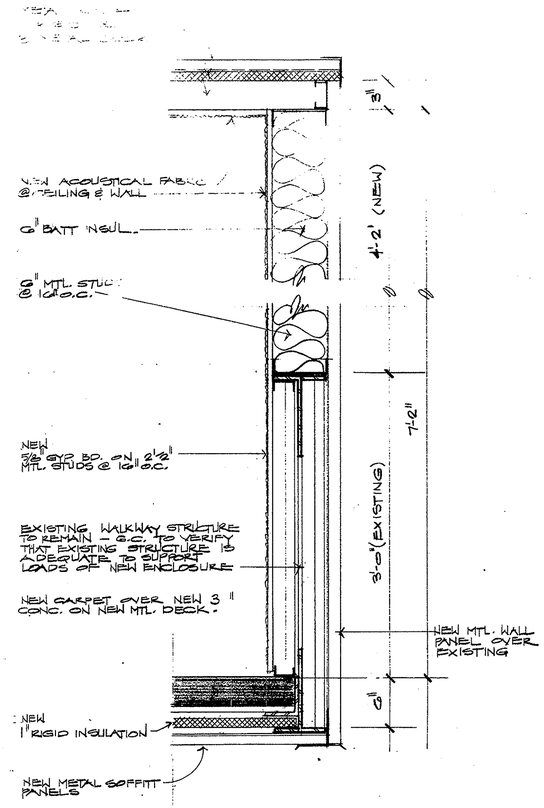
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
A-18
OF



A/A19 SECTION AT AMBULATORY 235 & STAIR 205

3/4"=1'-0"



C/A19 SECTION THRU STAIR 205 & STAIR 213

1½"=1'-0"

SECTION AT CONCESSIONS AREA STAIR 205

B/A19

3/4"=1'-0"

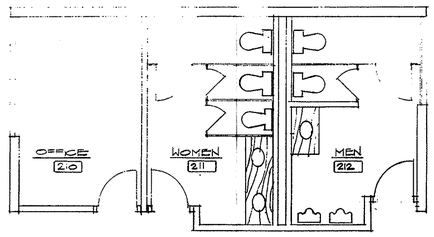
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STAGE CENTER AT FESTIVAL PLAZA

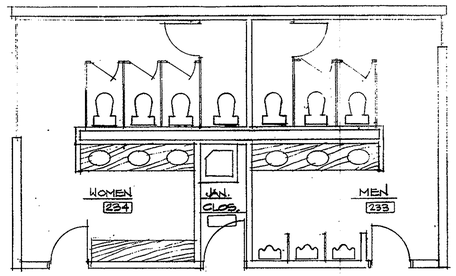
SHEET
A-19
OF



A RESTROOM LAYOUT AT ARENA THEATRE

3/16" = 1'-0"

B



C RESTROOM AT THRUST STAGE

3/16" = 1'-0"

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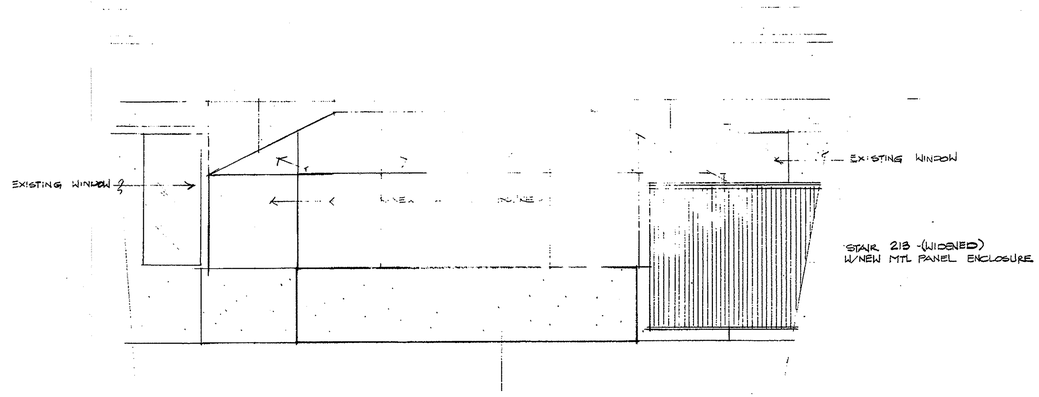
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RENOVATION PROJECT

STAGE CENTER AT FESTIVAL PLAZA

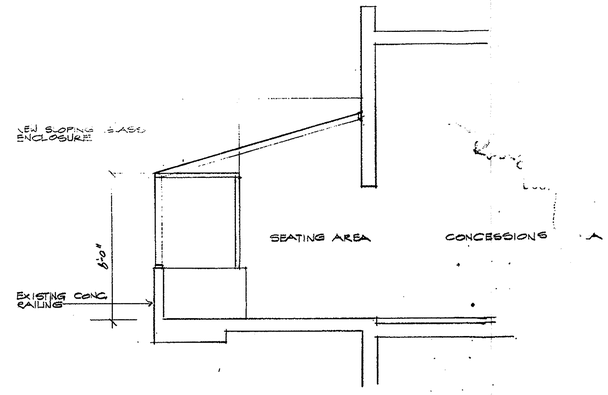
SHEET
A-20

OF



B / A21 **ELEVATION**

1/4"=1'-0"



A / A-21 **SECTION**

1/4"=1'-0"

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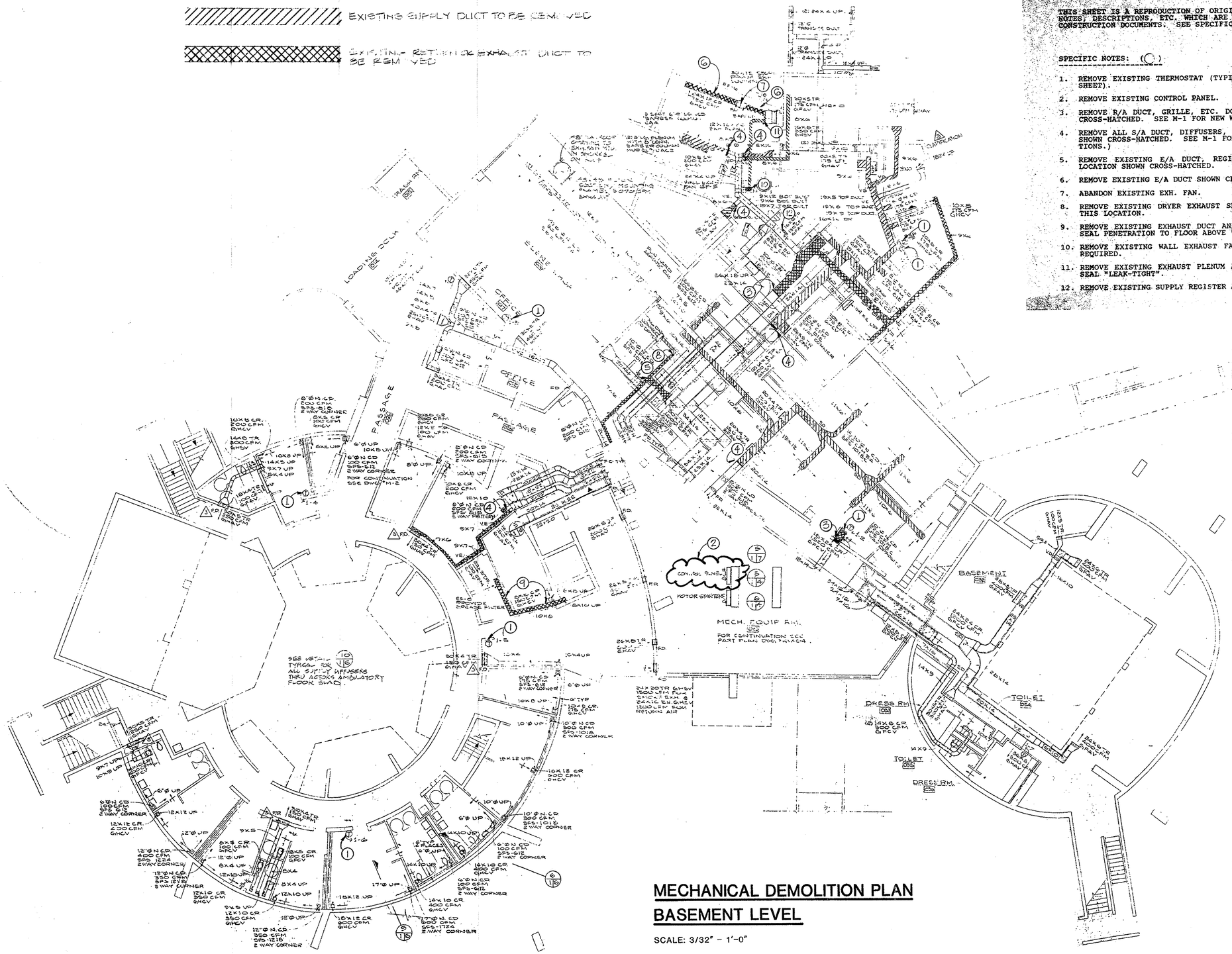
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SHEET
A-21
OF

EXISTING SUPPLY DUCT TO BE REMOVED

EXISTING RETURN/EXHAUST DUCT TO BE REMOVED



MECHANICAL DEMOLITION PLAN
BASEMENT LEVEL

SCALE: 3/32" - 1'-0"

GENERAL NOTE:

THIS SHEET IS A REPRODUCTION OF ORIGINAL CONSTRUCTION DOCUMENTS. ALL NOTES, DESCRIPTIONS, ETC. WHICH ARE NOT CIRCLED RELATED TO ORIGINAL CONSTRUCTION DOCUMENTS. SEE SPECIFIC NOTES FOR NEW WORK.

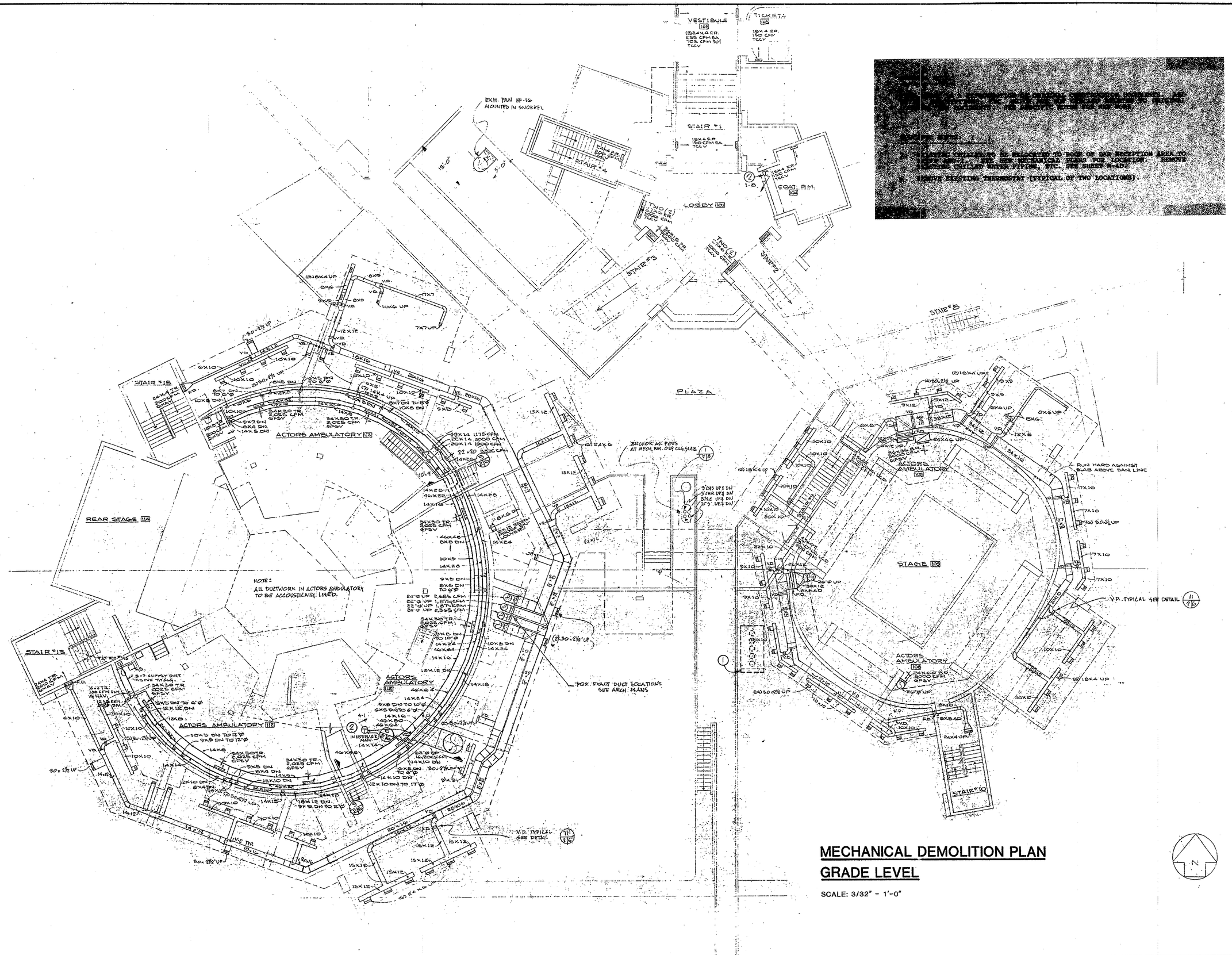
SPECIFIC NOTES: (C)

1. REMOVE EXISTING THERMOSTAT (TYPICAL OF EIGHT (8) LOCATIONS THIS SHEET).
2. REMOVE EXISTING CONTROL PANEL.
3. REMOVE R/A DUCT, GRILLE, ETC. DOWNSTREAM OF THIS LOCATION SHOWN CROSS-HATCHED. SEE M-1 FOR NEW WORK. (TYPICAL OF 2 LOCATIONS.)
4. REMOVE ALL S/A DUCT, DIFFUSERS, ETC. DOWNSTREAM OF THIS LOCATION SHOWN CROSS-HATCHED. SEE M-1 FOR NEW WORK. (TYPICAL OF 6 LOCATIONS.)
5. REMOVE EXISTING E/A DUCT, REGISTERS, ETC. DOWNSTREAM OF THIS LOCATION SHOWN CROSS-HATCHED.
6. REMOVE EXISTING E/A DUCT SHOWN CROSS-HATCHED.
7. ABANDON EXISTING EXH. FAN.
8. REMOVE EXISTING DRYER EXHAUST SHOWN CROSS-HATCHED DOWNSTREAM OF THIS LOCATION.
9. REMOVE EXISTING EXHAUST DUCT AND REGISTERS SHOWN CROSS-HATCHED. SEAL PENETRATION TO FLOOR ABOVE "LEAKTIGHT".
10. REMOVE EXISTING WALL EXHAUST FAN, ASSOCIATED DUCTWORK, ETC. AS REQUIRED.
11. REMOVE EXISTING EXHAUST PLENUM AND "BLANK-OFF" EXHAUST LOUVER - SEAL "LEAK-TIGHT".
12. REMOVE EXISTING SUPPLY REGISTER AND SEAL TRUNK DUCT "LEAK-TIGHT".

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-1D
OF



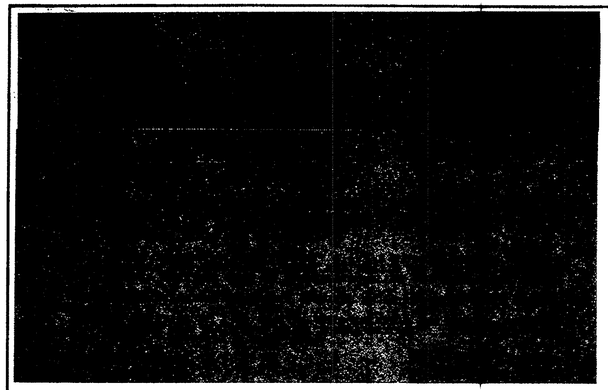
MECHANICAL DEMOLITION PLAN
GRADE LEVEL

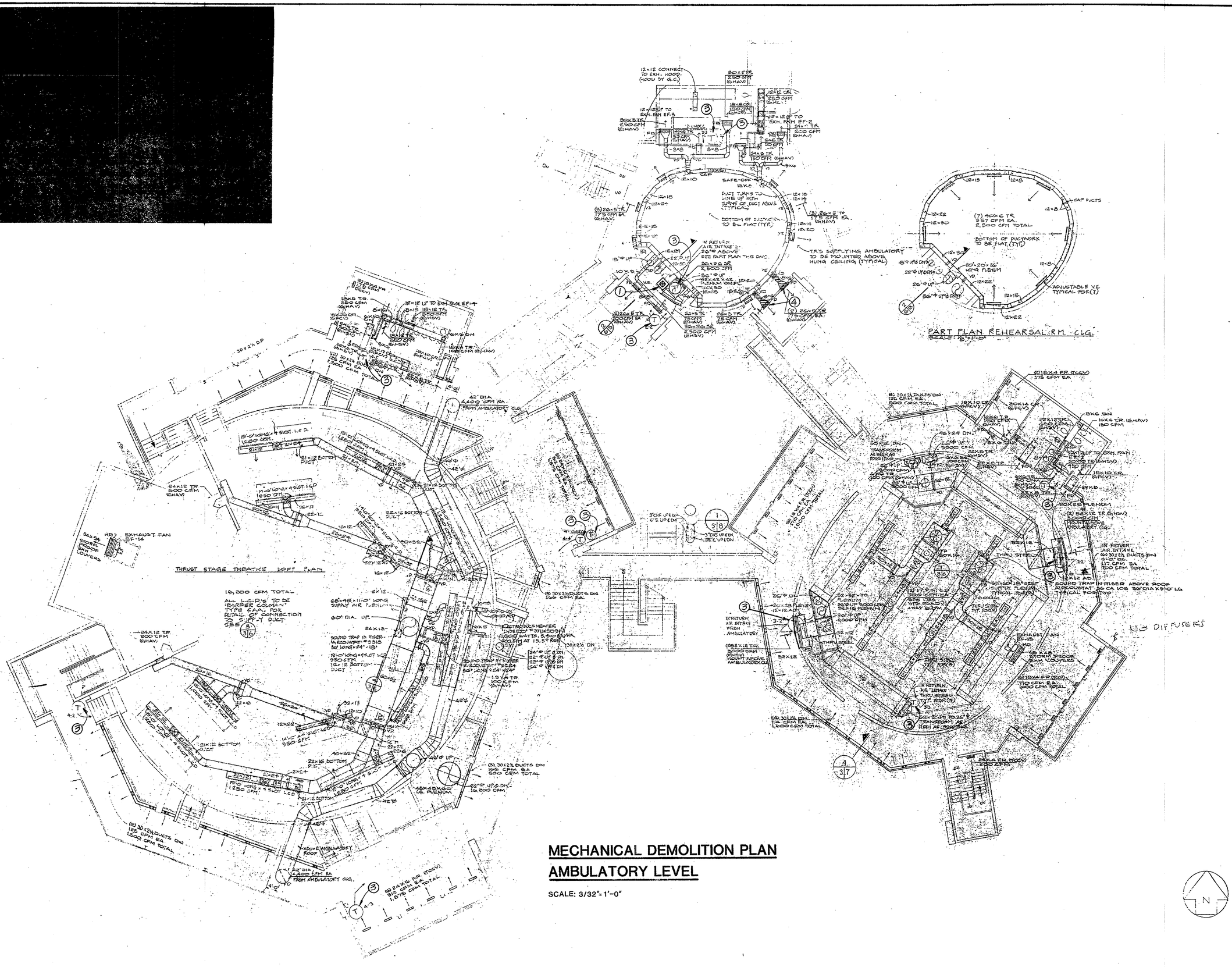
SCALE: 3/32" - 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-2D
OF

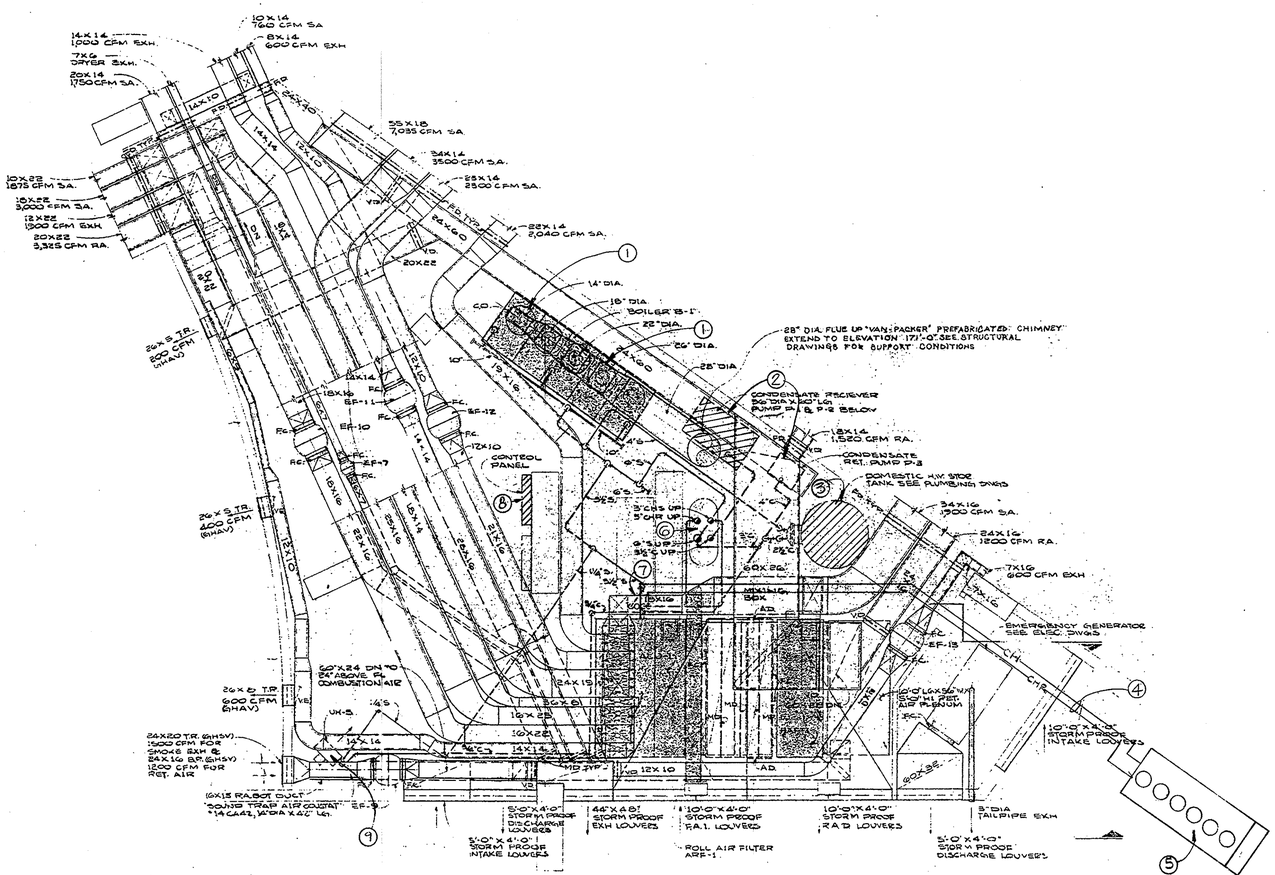




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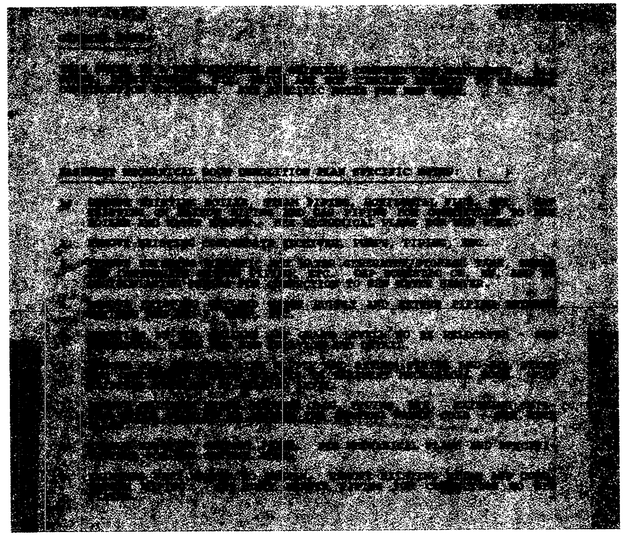
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-3D
OF



BASEMENT MECHANICAL ROOM DEMOLITION PLAN

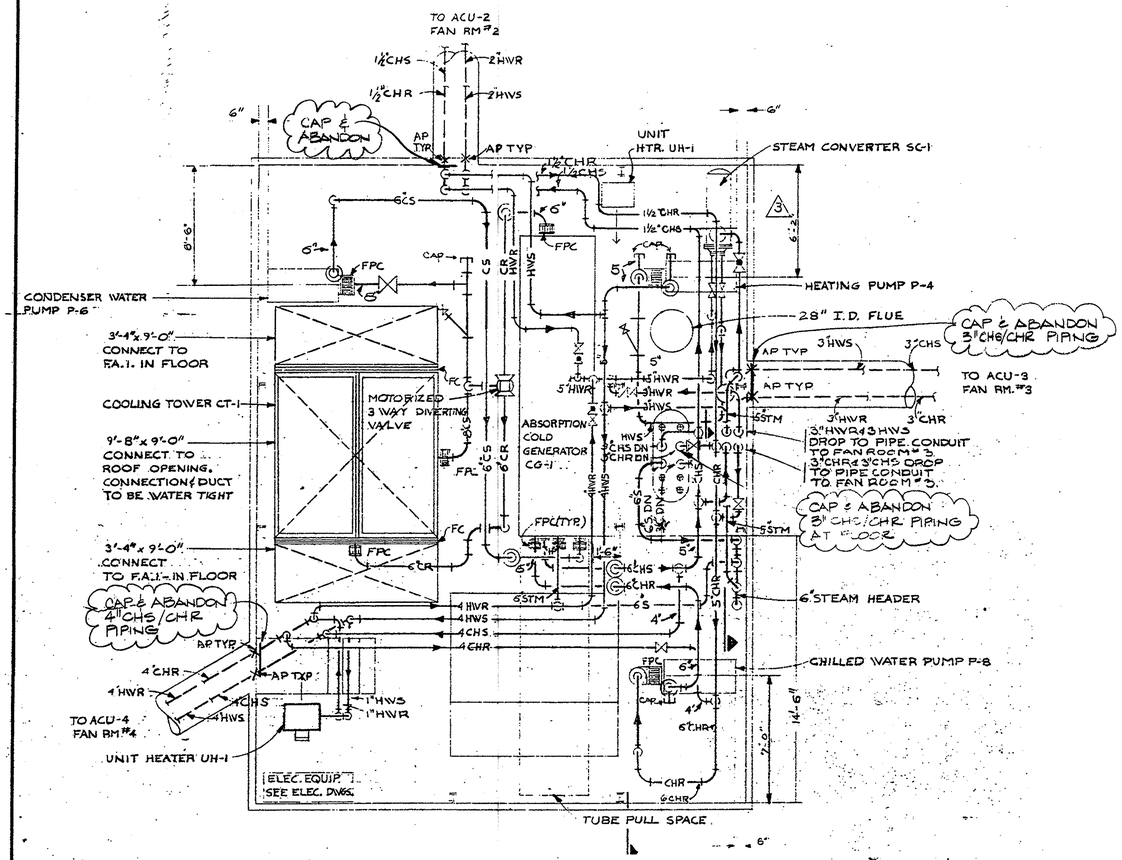
SCALE: 1/4" = 1'-0"



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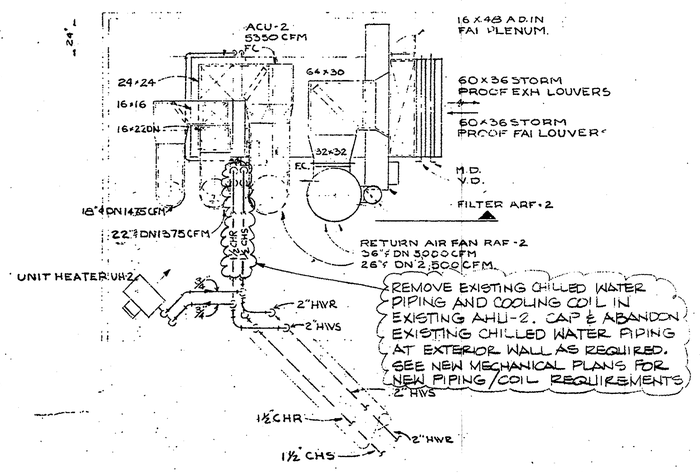
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-4D
OF



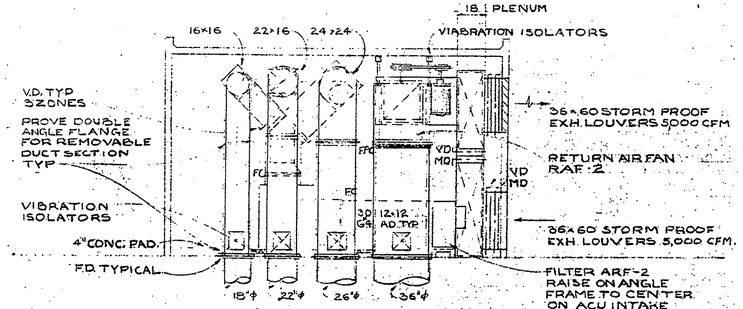
TOWER MECHANICAL ROOM DEMOLITION PLAN

SCALE: 1/4" - 1'-0"



FAN ROOM NO.2 DEMOLITION PLAN

SCALE: 1/4" - 1'-0"



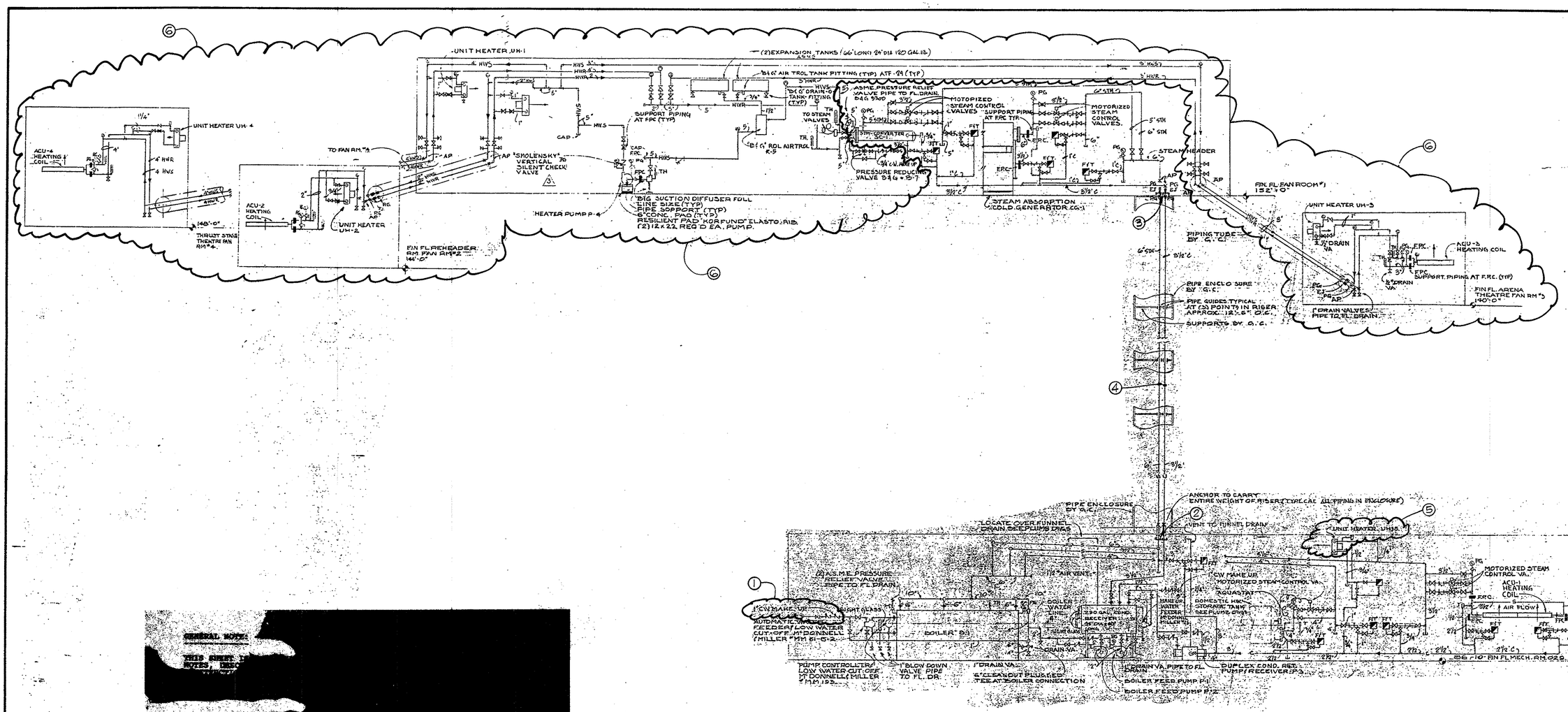
SECTION MECHANICAL ROOM #2

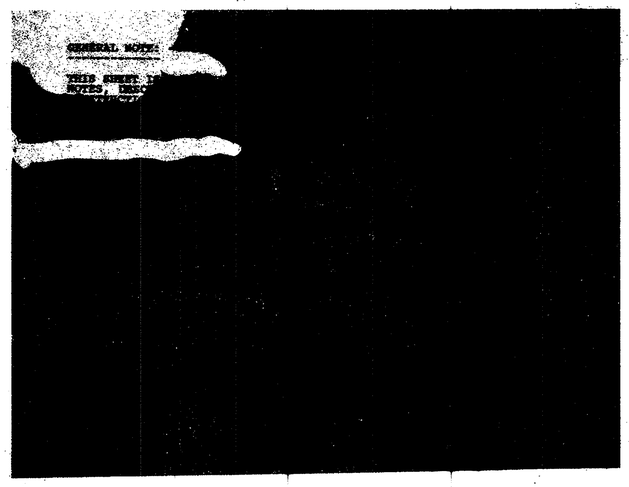
SCALE: 1/4" - 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-5D
OF





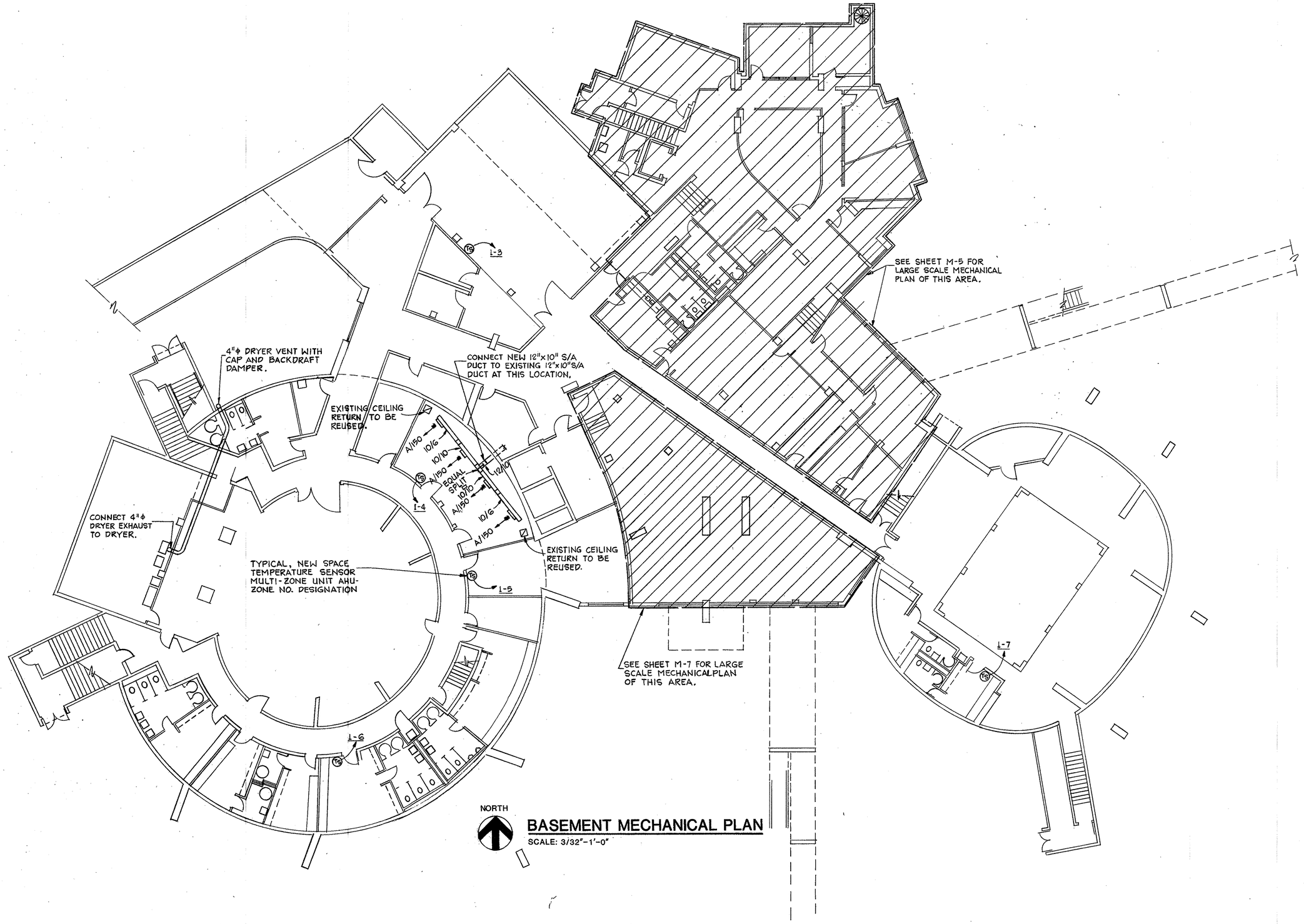
A SCHEMATIC OF EXISTING BOILER / PIPING SYSTEM DEMOLITION

NO SCALE

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-6D
OF



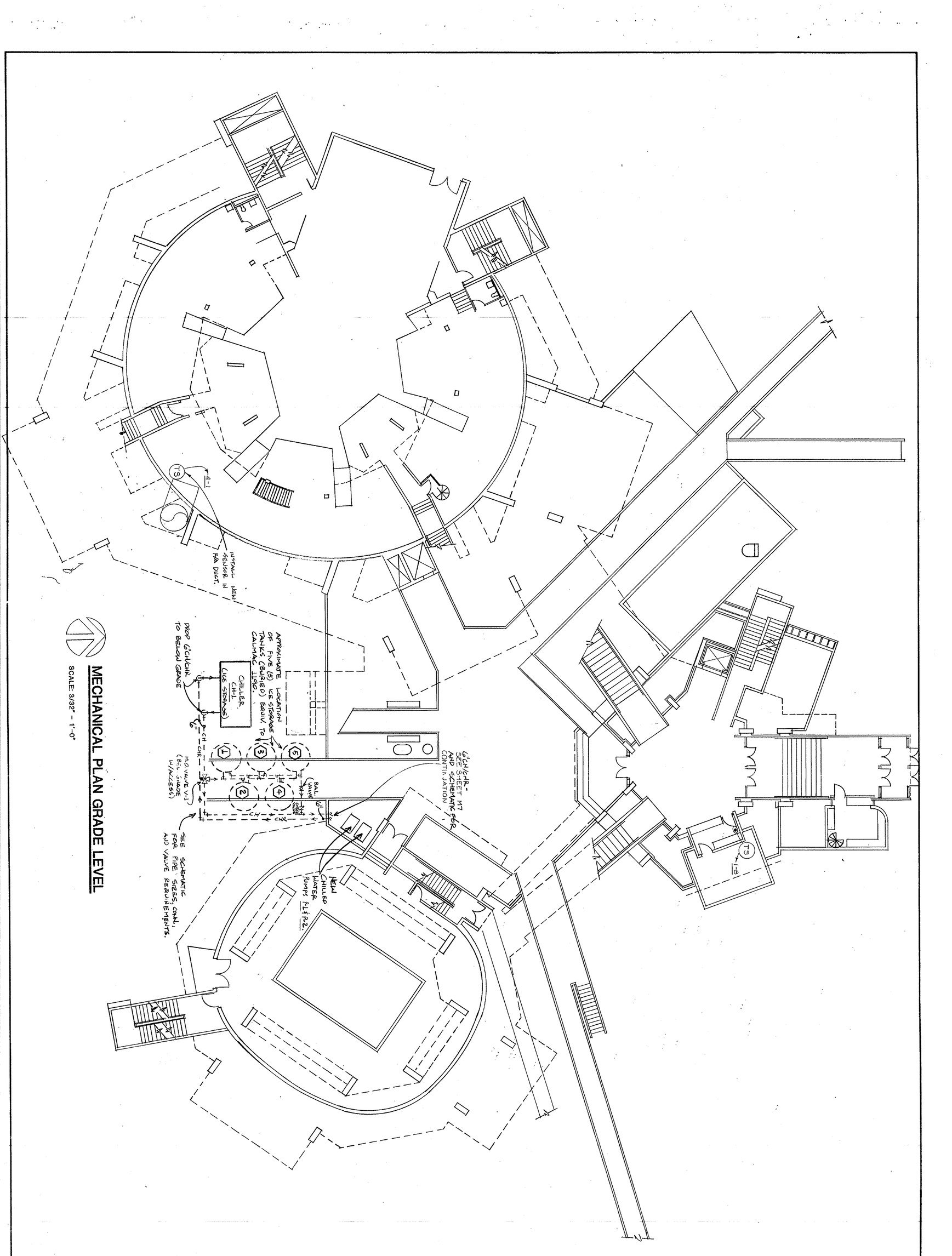
BASEMENT MECHANICAL PLAN

SCALE: 3/32"-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-1
OF



MECHANICAL PLAN GRADE LEVEL

SCALE: 3/32" = 1'-0"

SHEET M-2 OF

RENOVATION PROJECT

STAGE CENTER AT FESTIVAL PLAZA

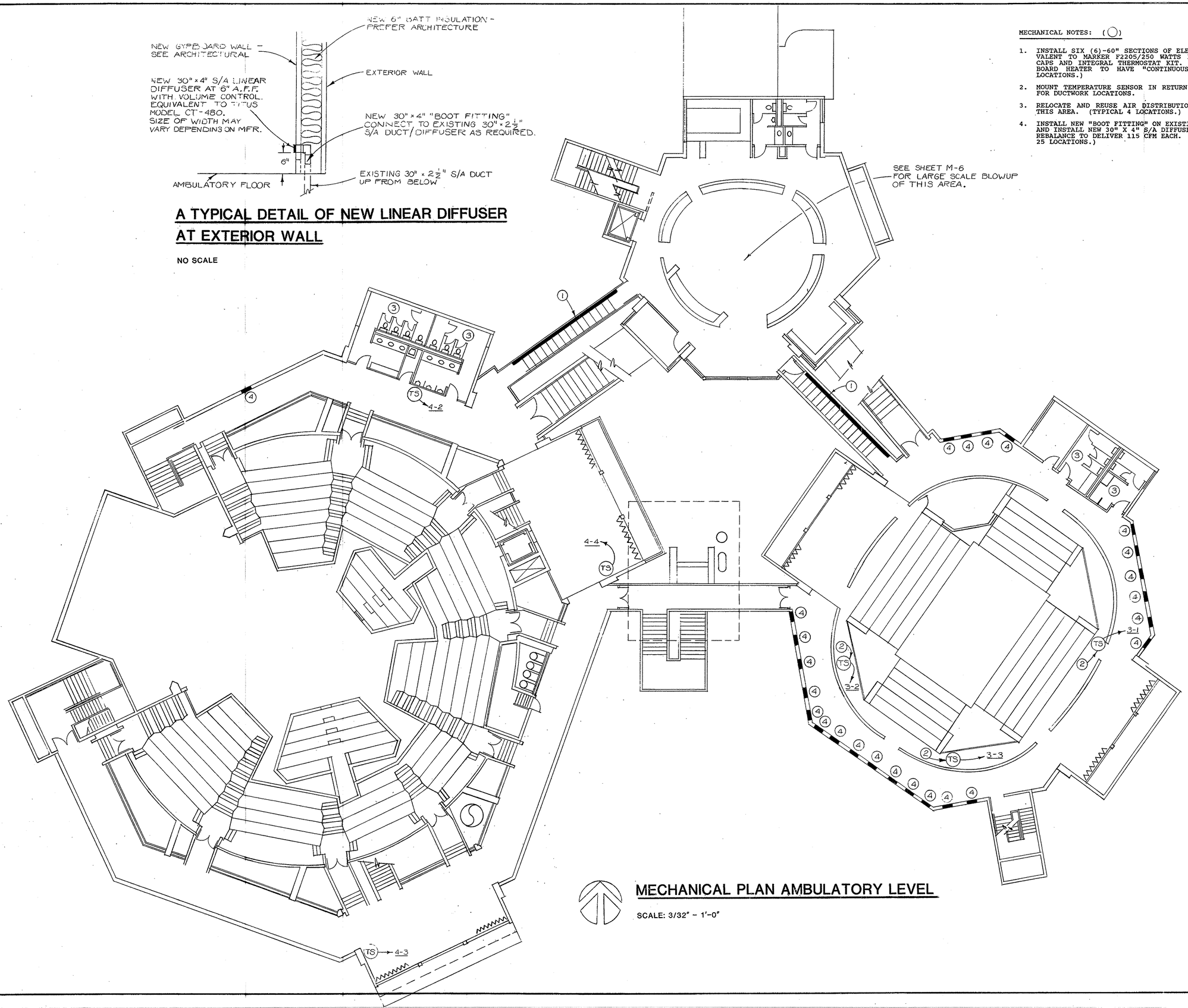
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A TYPICAL DETAIL OF NEW LINEAR DIFFUSER AT EXTERIOR WALL

NO SCALE

MECHANICAL NOTES: (◯)

1. INSTALL SIX (6)-60" SECTIONS OF ELECTRIC BASEBOARD HEATERS EQUIVALENT TO MARKER F2205/250 WATTS PER FOOT, 208/1/60, WITH END CAPS AND INTEGRAL THERMOSTAT KIT. THIRTY FOOT LENGTH OF BASEBOARD HEATER TO HAVE "CONTINUOUS" LOOK. (TYPICAL TWO (2) LOCATIONS.)
2. MOUNT TEMPERATURE SENSOR IN RETURN AIR INTAKE - SEE SHEET M-3D FOR DUCTWORK LOCATIONS.
3. RELOCATE AND REUSE AIR DISTRIBUTION DEVICES, DUCTWORK, ETC. IN THIS AREA. (TYPICAL 4 LOCATIONS.)
4. INSTALL NEW "BOOT FITTING" ON EXISTING 30" X 2-1/2" S/A DIFFUSERS AND INSTALL NEW 30" X 4" S/A DIFFUSER AT 6" ABOVE FLOOR LEVEL AND REBALANCE TO DELIVER 115 CFM EACH. SEE DETAIL - SHEET. (TYPICAL 25 LOCATIONS.)



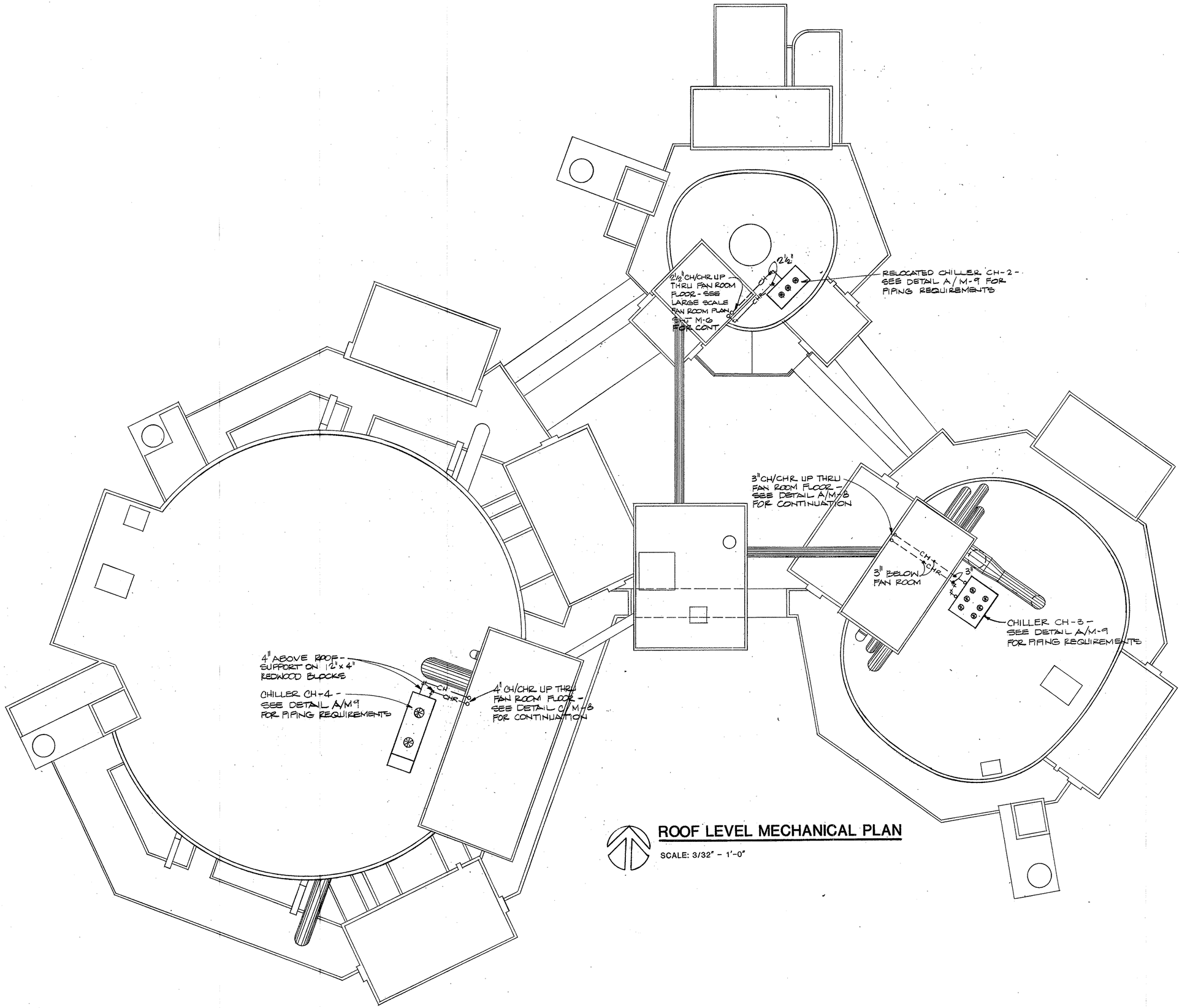
MECHANICAL PLAN AMBULATORY LEVEL

SCALE: 3/32" - 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-3
OF



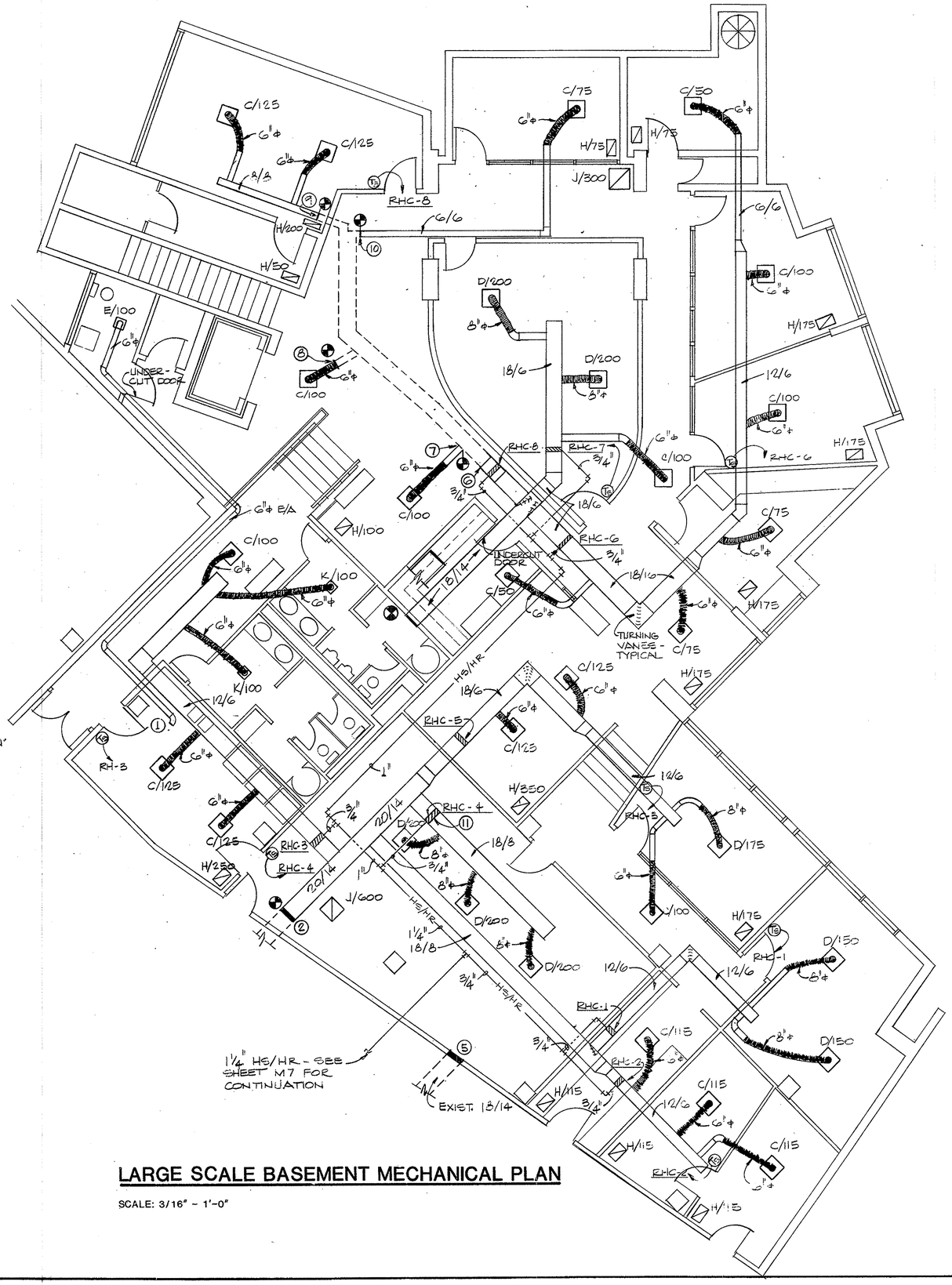
ROOF LEVEL MECHANICAL PLAN

SCALE: 3/32" = 1'-0"

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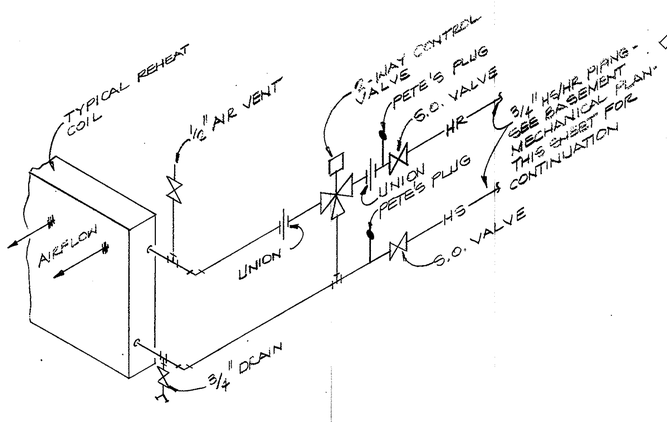
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-4
OF



LARGE SCALE BASEMENT MECHANICAL PLAN

SCALE: 3/16" = 1'-0"



A TYPICAL REHEAT COIL PIPING ISOMETRIC

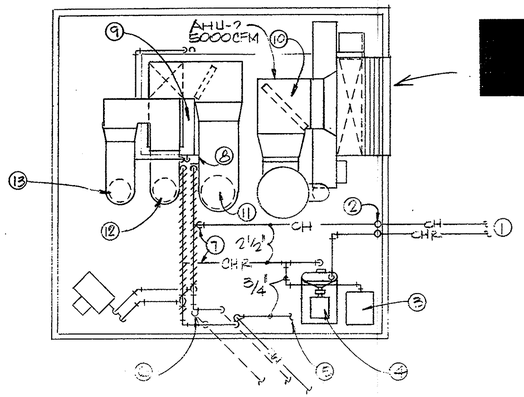
NO SCALE

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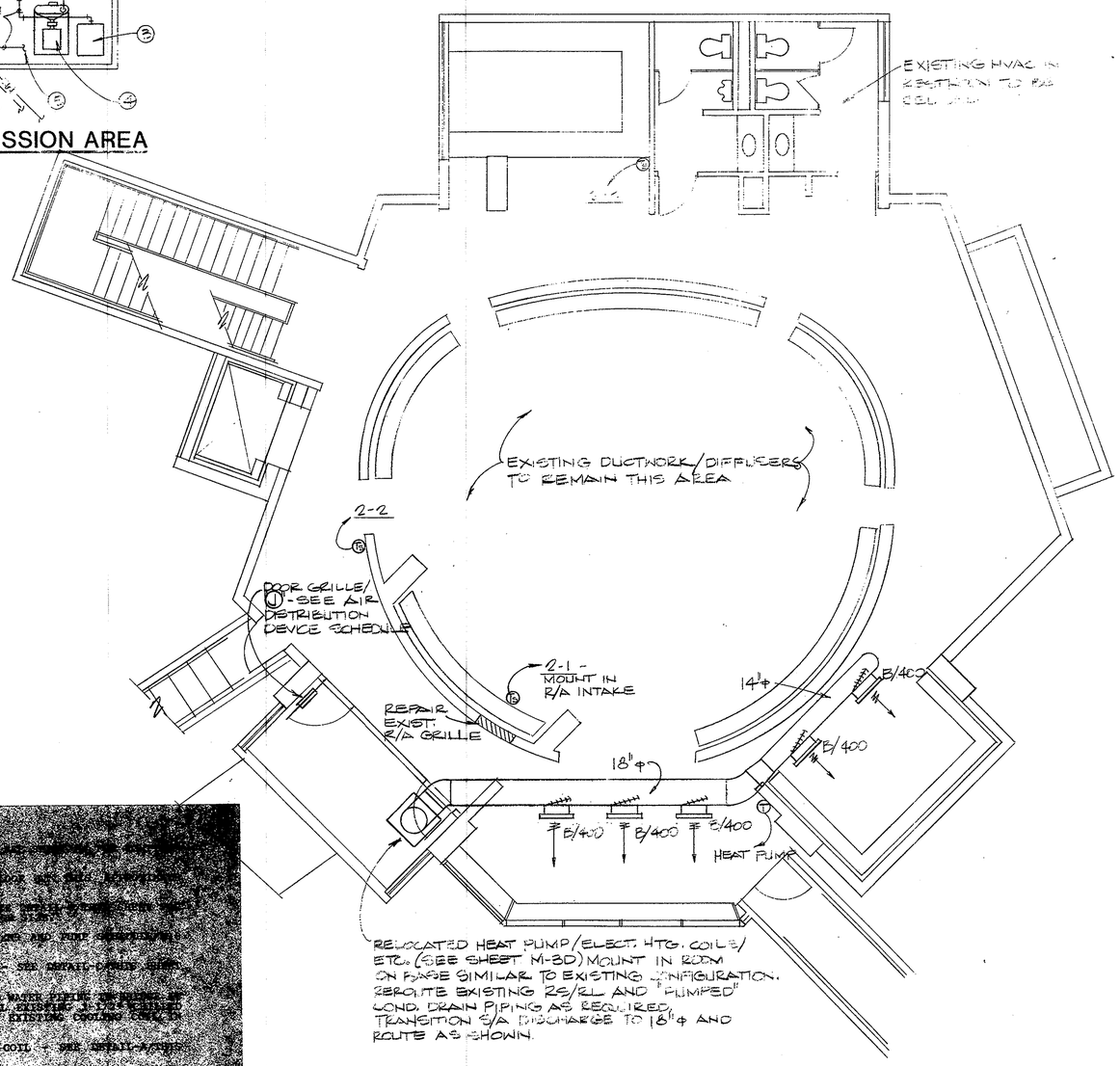
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-5
OF



FAN ROOM AT CONCESSION AREA

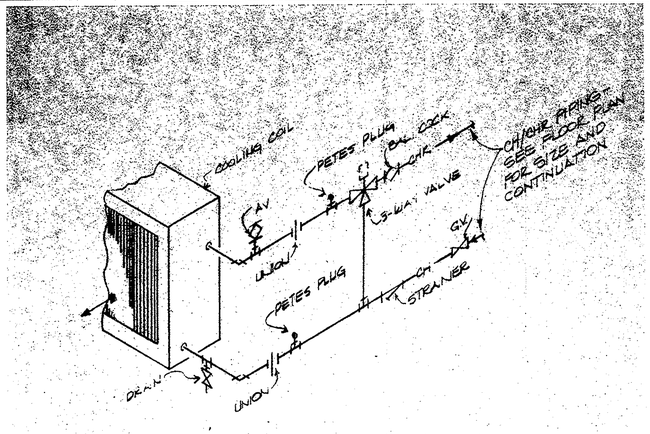
SCALE: 1/4" - 1'-0"



LARGE SCALE PLAN AT CONCESSION AREA

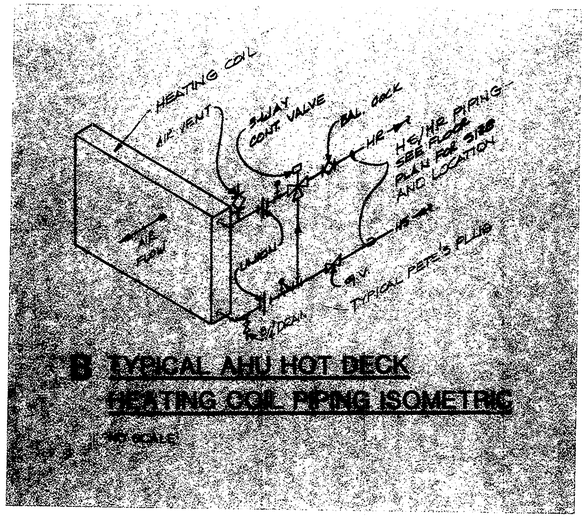
SCALE: 1/4" - 1'-0"

1. [redacted]
2. [redacted]
3. [redacted]
4. [redacted]
5. [redacted]
6. [redacted]
7. [redacted]
8. [redacted]
9. [redacted]
10. [redacted]
11. REBALANCE ZONE 2-1 TO DELIVER 2500 CFM.
12. REBALANCE ZONE 2-3 TO DELIVER 1500 CFM.
13. REBALANCE ZONE 2-2 TO DELIVER 1000 CFM.



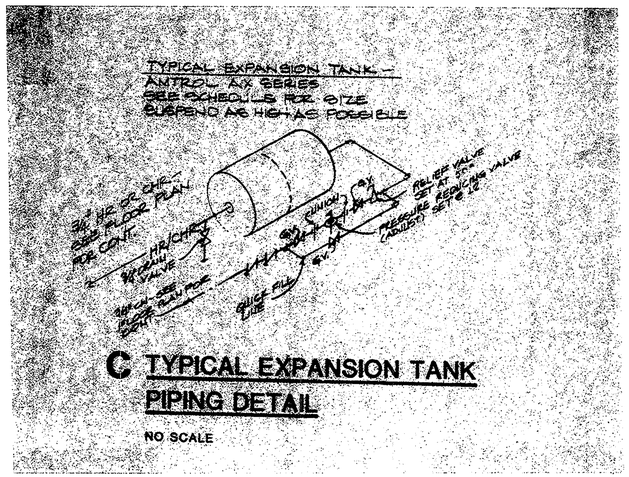
A COOLING COIL PIPING ISOMETRIC

NO SCALE



B TYPICAL AHU HOT DECK HEATING COIL PIPING ISOMETRIC

NO SCALE



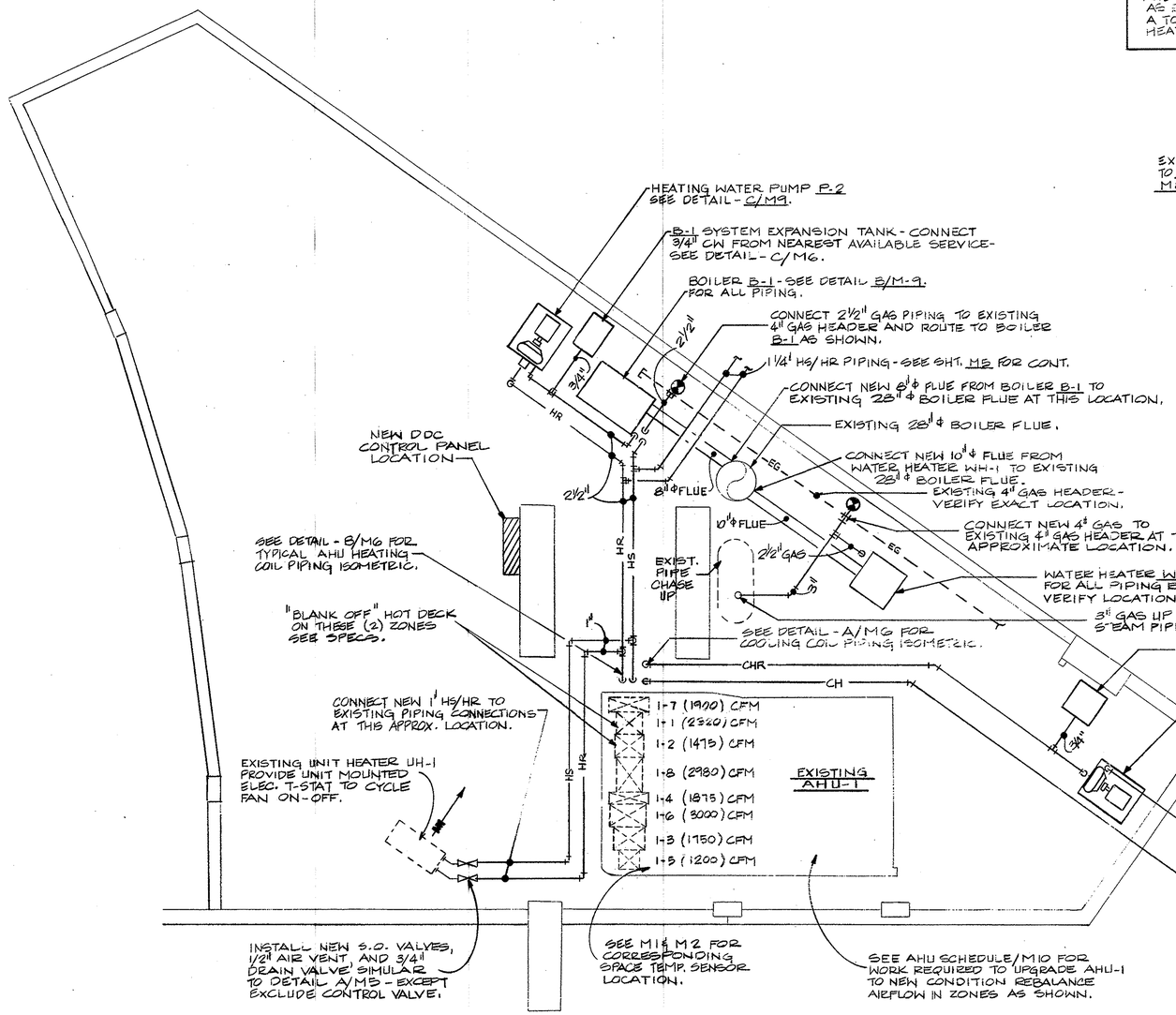
C TYPICAL EXPANSION TANK PIPING DETAIL

NO SCALE

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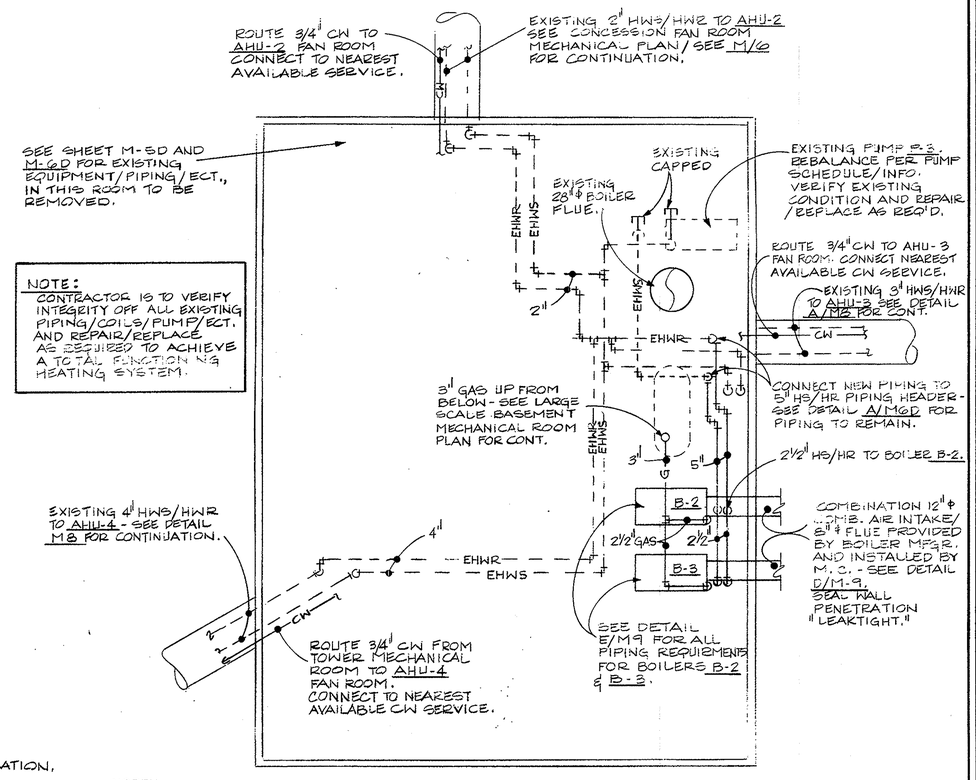
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-6
OF



LARGE SCALE BASEMENT MECHANICAL ROOM PLAN

SCALE :1/4" = 1'-0"



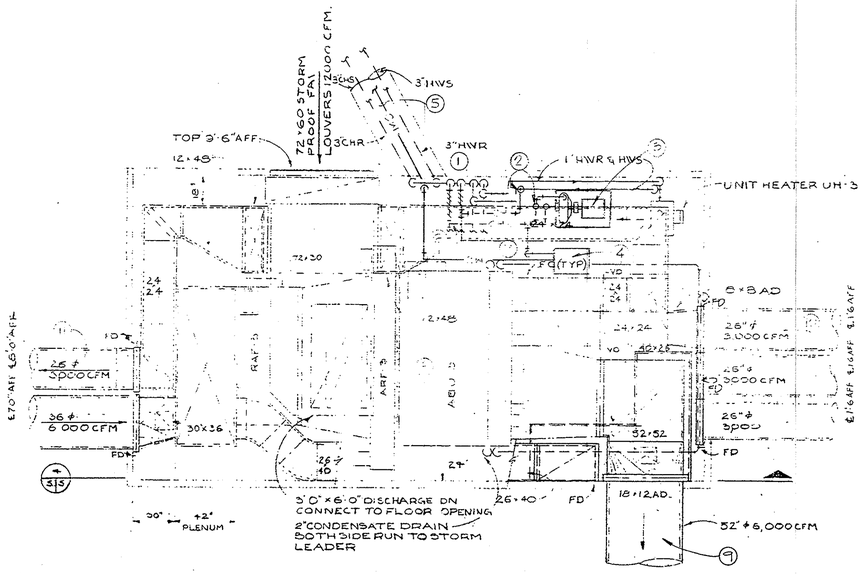
LARGE SCALE TOWER MECHANICAL ROOM PLAN

SCALE : 1/4" = 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-7
OF

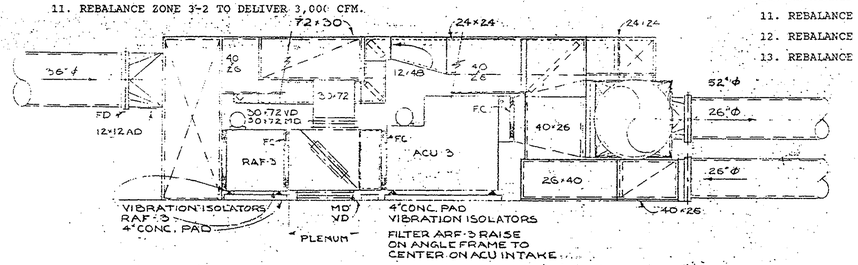


A ARENA THEATRE FAN ROOM NO. 3

SCALE: 1/4" = 1'-0"

DETAIL - A SPECIFIC MECHANICAL NOTES:

1. CAP AND ABANDON EXISTING 3" CH/CHR PIPING IN BRIDGE AT THIS APPROXIMATE LOCATION.
2. NEW 3" CH/CHR PIPING UP THROUGH FAN ROOM FLOOR AT THIS APPROXIMATE LOCATION. REMOVE SMALL PORTION OF EXISTING CH/CHR PIPING INSIDE FAN ROOM FOR CONNECTION TO NEW PIPING.
3. NEW CHILLED WATER PUMP P-5 - SEE DETAIL C/M9 AND PUMP SCHEDULE M10.
4. NEW EXPANSION TANK FOR CHILLER CH-3 SUCTION. SEE DETAIL C/M6 FOR PIPING DETAIL AND PUMP SCHEDULE/M10 FOR SIZE.
5. NEW 3/4" CW FROM MECHANICAL ROOM - SEE SHEET M7 FOR CONTINUATION.
6. CONNECT NEW 3" CH/CHR PIPING TO EXISTING 3" CH/CHR PIPING AT THIS APPROXIMATE LOCATION. INSTALL NEW CONTROL VALVE, ETC. - SEE DETAIL A/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF ALL EXISTING REUSED PIPING AND REPAIR/REPLACE AS REQUIRED.
7. CONTRACTOR SHALL INSTALL NEW CONTROL VALVE, ETC. ON EXISTING HEATING WATER PIPING SERVING EXISTING HOT DECK HEATING COIL - SEE DETAIL B/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF ALL EXISTING REUSED PIPING AND REPAIR/REPLACE AS REQUIRED.
8. REPLACE EXISTING S/A FAN MOTOR AND R/A FAN MOTOR, UPGRADE EXISTING ROLL FILTER AND ENTIRE AHU TO "NEW CONDITION". SEE AHU SCHEDULE/M10 FOR REQUIREMENTS.
9. REBALANCE ZONE 3-3 TO DELIVER 7,000 CFM.
10. REBALANCE ZONE 3-1 TO DELIVER 3,000 CFM.
11. REBALANCE ZONE 3-2 TO DELIVER 3,000 CFM.

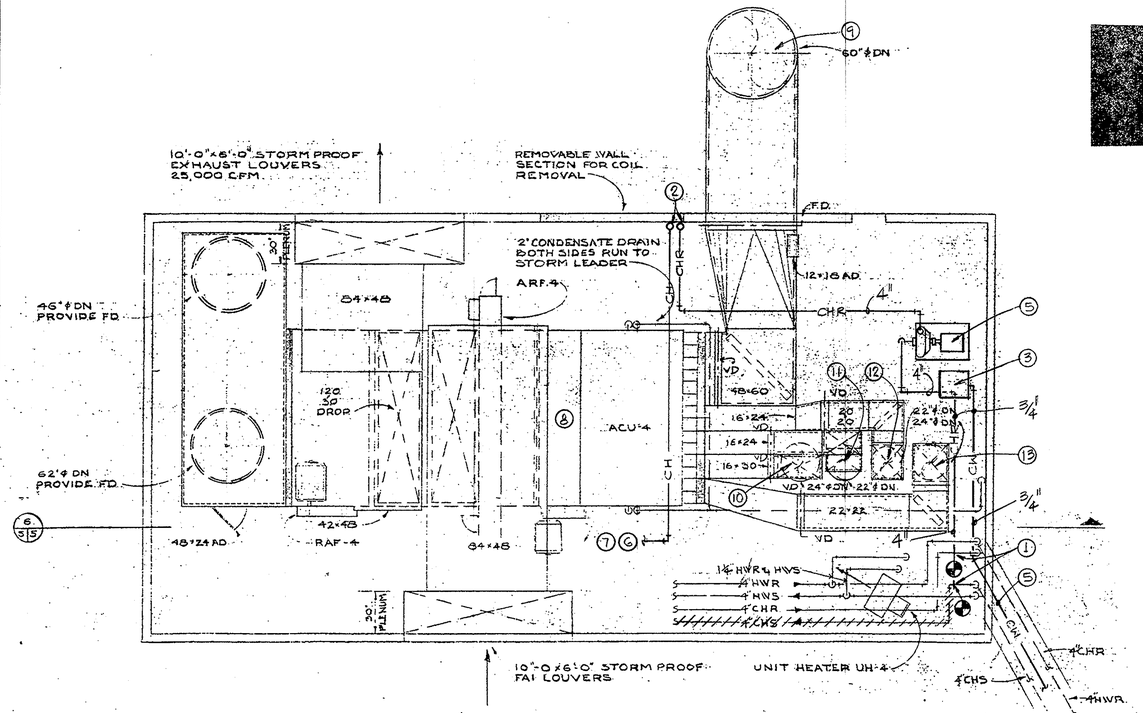


B SECTION ARENA THEATRE FAN ROOM NO. 3

SCALE: 1/4" = 1'-0"

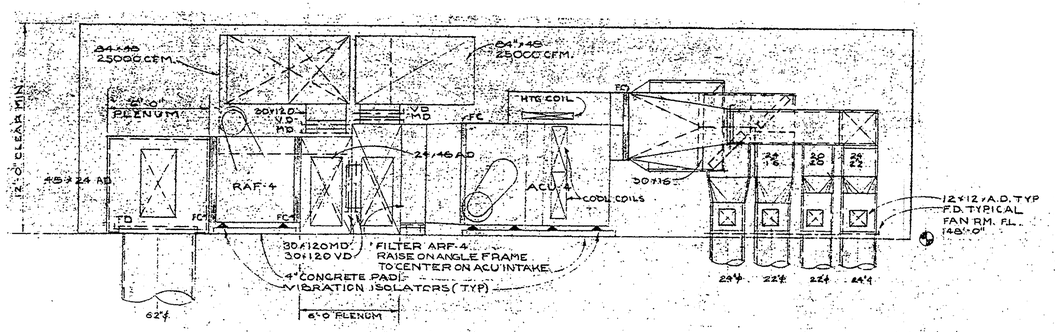
DETAIL - C SPECIFIC MECHANICAL NOTES:

1. CAP AND ABANDON EXISTING 4" CH/CHR PIPING IN BRIDGE AT THIS APPROXIMATE LOCATION. REMOVE EXISTING CHS PIPING, SHOWN "CROSS-HATCHED" INSIDE FAN ROOM.
2. NEW 4" CH/CHR PIPING UP THROUGH FAN ROOM FLOOR AT THIS APPROXIMATE LOCATION. SEE SHEET M4 FOR CONTINUATION OF PIPING TO CHILLER CH-4.
3. NEW EXPANSION TANK SERVING CHILLER CH-4 SYSTEM. SEE DETAIL C/M6 FOR PIPING DETAIL AND PUMP SCHEDULE/M10 FOR SIZE.
4. NEW CHILLED WATER PUMP P-6 SERVING CHILLER CH-4 SYSTEM. SEE DETAIL C/M9 AND PUMP SCHEDULE/M10 FOR SIZE.
5. NEW 3/4" CW PIPING IN BRIDGE FROM TOWER MECHANICAL ROOM - SEE SHEET M7 FOR CONTINUATION.
6. CONNECT NEW 4" CH/CHR PIPING TO EXISTING 4" CH/CHR PIPING SERVING EXISTING COLD DECK COOLING COIL. INSTALL NEW CONTROL VALVE, ETC. - SEE DETAIL A/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF EXISTING REUSED PIPING AND REPAIR/REPLACE AS REQUIRED.
7. CONTRACTOR SHALL INSTALL NEW CONTROL VALVE, ETC. ON EXISTING 4" HEATING WATER PIPING SERVING EXISTING HOT DECK HEATING COIL - SEE DETAIL B/M6. CONTRACTOR SHALL VERIFY INTEGRITY OF EXISTING REUSED HEATING WATER PIPING AND REPAIR/REPLACE AS REQUIRED.
8. REPLACE EXISTING S/A FAN MOTOR AND R/A FAN MOTOR, UPGRADE EXISTING ROLL FILTER AND ENTIRE AHU TO "NEW CONDITION". SEE AHU SCHEDULE/M10 FOR REQUIREMENTS.
9. REBALANCE ZONE 4-1 TO DELIVER 13,000 CFM.
10. REBALANCE ZONE 4-2 TO DELIVER 2,400 CFM.
11. REBALANCE ZONE 4-3 TO DELIVER 1,800 CFM.
12. REBALANCE ZONE 4-4 TO DELIVER 1,600 CFM.
13. REBALANCE ZONE 4-5 TO DELIVER 2,200 CFM.



C THRUST STAGE FAN ROOM NO. 3

SCALE: 1/4" = 1'-0"



RA FAN = "CARRIER" 27 BA 130 25,000 CFM
ACU = "CARRIER" 39G 130 25,000 CFM.

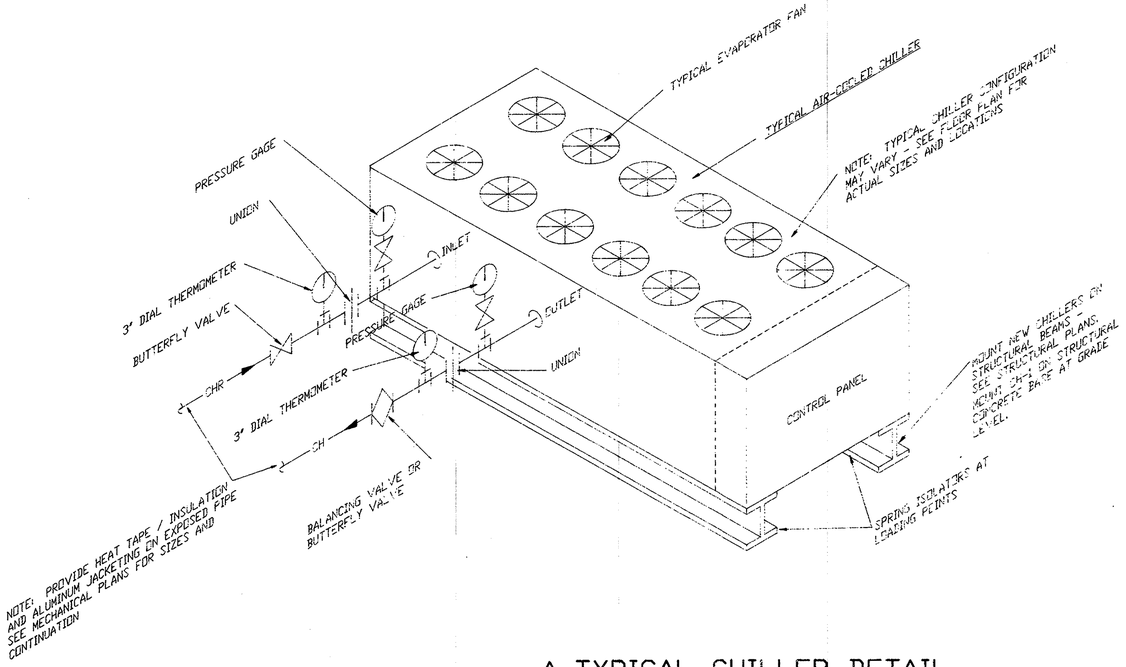
D SECTION THRUST STAGE THEATRE FAN ROOM NO. 4

SCALE: 1/4" = 1'-0"

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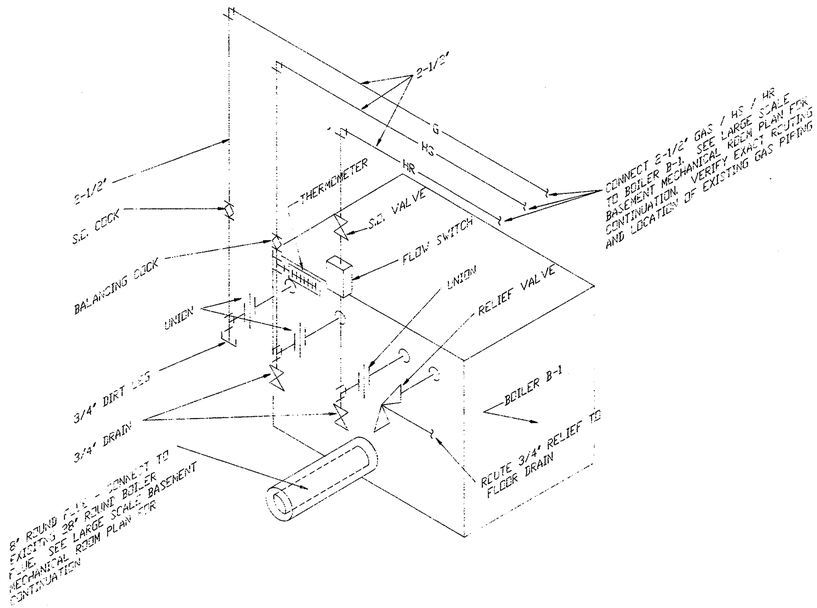
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-8
OF



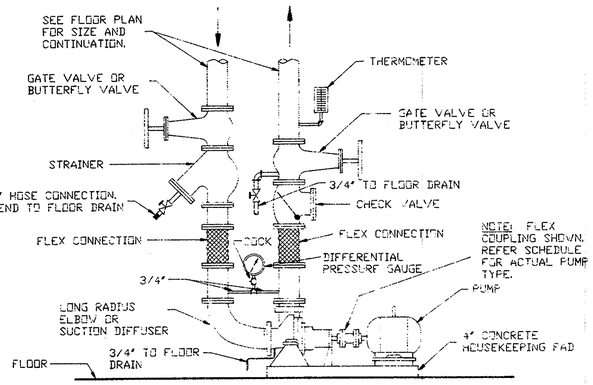
A TYPICAL CHILLER DETAIL

NO SCALE



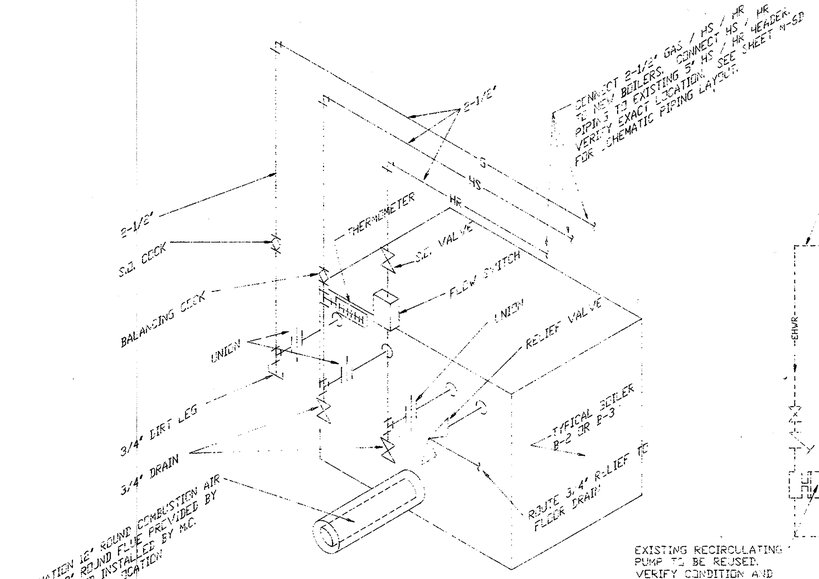
B TYPICAL BOILER B-1 PIPING ISOMETRIC

NO SCALE



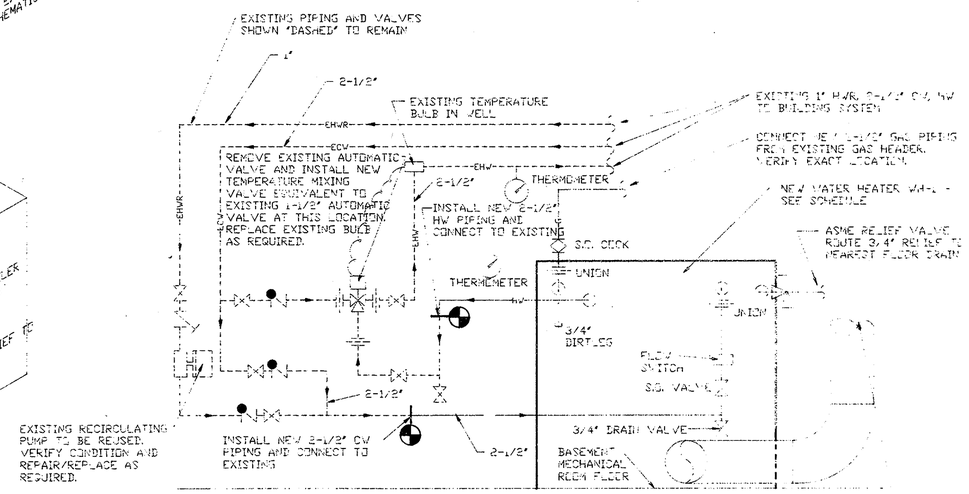
C TYPICAL PUMP DETAIL

NO SCALE



D TYPICAL BOILERS B-2 AND B-3 PIPING ISOMETRIC

NO SCALE



E DOMESTIC WATER HEATER PIPING SCHEMATIC

NO SCALE

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-9
OF

REHEAT COIL SCHEDULE

MARK	CFM	SIZE	MAX APD	MIN. LAT °F	MAX GPM	MAX WPD	EWT °F	LWT °F	ROWS
RH1-1	300	12 x 12	.15"	100	2.0	.5"	180	160	2
RH1-2	345	12 x 12	.15"	100	2.0	.5"	180	160	2
RH1-3	525	12 x 18	.15"	100	2.0	.5"	180	160	2
RH1-4	600	12 x 18	.15"	100	2.0	.5"	180	160	2
RH1-5	550	12 x 18	.15"	100	2.0	.5"	180	160	2
RH1-6	450	12 x 18	.15"	100	2.0	.5"	180	160	2
RH1-7	500	12 x 18	.15"	100	2.0	.5"	180	160	2
RH1-8	525	12 x 18	.15"	100	2.0	.5"	180	160	2

NOTE: ALL COILS BASED ON 65° EAT.

CHILLER SCHEDULE

MARK	CH-1	CH-2	CH-3	CH-4
MINIMUM TONS, 105° AMBIENT	68.7	*	48.3	68.7
COMPRESSOR KW	85.6	*	63.2	85.6
GPM	155	50	115	155
EER (TOTAL UNIT)	8.4	*	8.5	8.4
EWT	54 °F	*	54 °F	54 °F
LWT	44 °F	*	44 °F	44 °F
WPD (FT)	10.8	*	10.8	10.8
VOLTAGE	460/3/60	*	460/3/60	460/3/60
STARTER/DISCONNECT	YES	*	YES	YES
LOW AMBIENT TO 35 °F	YES	*	YES	YES
FLOW SWITCH	YES	*	YES	YES

* CHILLER CH-2 IS AN EXISTING CARRIER MODEL 30GA025620, 460/3/60, 47.2 RLA, 3 COND. FANS @ 3.0 FLA EACH. CONTRACTOR TO INSTALL LOW AMBIENT CONTROL KIT AND RELOCATE TO CONCESSION AREA ROOF. SEE SHEET M-4 FOR LOCATION. PROVIDE NEW FLOW SWITCH AS REQUIRED.

MATERIAL SCHEDULE

SYSTEM	LOCATION	MATERIAL
CH/CHR	ALL	SCHEDULE 40 BLACK STEEL
HS/HR	ALL	SCHEDULE 40 BLACK STEEL
FIRE SPRINKLER	INSIDE BLDG	SCHEDULE 40 BLACK STEEL
DOMESTIC CW	ALL	TYPE 'M' HARD COPPER
NATURAL GAS	ALL	WELDED BLACK STEEL
HW/HWR	ALL	TYPE 'M' HARD COPPER
SANITARY WASTE	ALL	SVCI NE-HUB
SANITARY VENT	ALL	SVCI OR GALVANIZED IRON
LP SUPPLY DUCT	ALL	G.I.S.M. W/1" DUCTLINER
LP SUPPLY FLEX	ALL	L.P. FLEX (INSULATED)
RETURN AIR DUCT	ALL	G.I.S.M. W/1" DUCTLINER
EXHAUST DUCT	ALL	G.I.S.M.

NOTE: REFER SPECIFICATIONS FOR PIPE INSULATION REQUIREMENTS.

BOILER SCHEDULE

MARK	LOCHINVAR MODEL NO.	BTUH INPUT	BTUH OUTPUT	GPM	WPD (FT H_2O)	NOTES
B-1	PFB 750	750,000	660,000	70	7	(1), (3)
B-2	PFB 750	750,000	660,000	100	7	(2), (3)
B-3	PFB 750	750,000	660,000	100	7	(2), (3)

NOTES: (1) PROVIDE BOILER WITH CONVENTIONAL VENT, FLOW SWITCH, CONTROL PACKAGE AND MANUAL RESET HIGH LIMIT.

(2) PROVIDE BOILER WITH DOUBLE WALL VENT PIPE, FLOW SWITCH, CONTROL PACKAGE (B-2 & B-3) AND MANUAL RESET HIGH LIMIT

(3) MINIMUM 88% THERMAL EFFICIENCY AS TESTED BY A.G.A.

AIR HANDLING UNIT SCHEDULE

MARK	AHU-1	AHU-2	AHU-3	AHU-4
SERVES	BASEMENT/LOBBY	CONCESSION	ARENA	THRUST
EXISTING CARRIER MODEL	39G110	39GC020	39GC105	39G130
NEW S/A CFM	16,500	5,000	13,000	20,000
NEW O/A CFM	3300	1,000	2,600	4,000
NEW T.S.P.	4.0"	3.85"	3.75	3.5
REPLACE S/A FAN MOTOR	YES	YES	YES	YES
HP	20	7.5	15	30
TYPE	RELIANCE XE	RELIANCE XE	RELIANCE XE	RELIANCE XE
NO. SPEEDS	1	1	2	2
VOLTAGE	460/3/60	460/3/60	460/3/60	460/3/60
REPLACE R/A FAN MOTOR	YES	YES	YES	YES
HP	7.5	1	5	10
TYPE	RELIANCE XE	RELIANCE XE	RELIANCE XE	RELIANCE XE
NO. SPEEDS	1	1	2	2
VOLTAGE	460/3/60	460/3/60	460/3/60	460/3/60
REPLACE COOLING COIL	NO (1)	YES	NO	NO
REPLACE HEATING COIL	YES	NO	NO	NO
COOLING COIL SECTION:				
EWT (°F)	44	44	--	--
WTR (°F)	10	10	--	--
EAT (°F WB/DB)	82.7/69	82.7/69	--	--
LAT (°F WB/DB)	54.3/54	55/54.9	--	--
TOTAL CAP. (MBH)	782,000	224,510	--	--
SEN. CAP.	511,100	151,830	--	--
ROWS	8	8	--	--
FPI	8	14	--	--
GPM (NET)	155	50	110	155
WPD (FT)	10.2	7.2	--	--
FPF	120	.120	--	--
A.P.D. (IN H_2O)	1.0	1.0	.95	.95
NOTE	(1)	(3)	(3)	(3)
HEATING COIL SECTION:				
EWT (°F)	180	180	180	180
LWT (°F)	160	160	160	160
GPM (NET)	50	40	65	95
NOTE	(1)	(3)	(3)	(3)
ROLL FILTER SECTION:				
EXISTING AA ROLLOMATIC NO.	H-39-104	H-28-54	H-38-94	H-38928-94
EXISTING MOTOR HP	1.6	1/6	1/6	1/6
EXISTING MOTOR VOLTAGE	120/1/60	120/1/60	120/1/60	120/1/60
NOTE:	(4)	(4)	(4)	(4)

NOTES: (1) EXISTING COOLING COIL TO BE REUSED AS HEATING WATER COIL (HOT DECK). CONTRACTOR TO INSTALL NEW 3-WAY CONTROL VALVE.

(2) CONTRACTOR TO INSTALL NEW COOLING COIL IN EXISTING HOT DECK COIL SPACE AND INSTALL NEW 3-WAY CONTROL VALVE. VERIFY ALL DIMENSIONS, CAPACITIES, ETC. PRIOR TO PROCEEDING.

(3) CONTRACTOR TO INSTALL NEW 3-WAY CONTROL VALVE ON COIL.

(4) CONTRACTOR TO INSTALL NEW FILTER MEDIA, MEDIA ADVANCE MOTOR AS REQUIRED, AND NEW MEDIA RUNOUT ALARM CONTACT TO BE INTEGRATED WITH BAS CONTROL SYSTEM. CONTRACTOR SHALL MAKE ALL NECESSARY MODIFICATIONS TO UPGRADE ROLL FILTER TO "NEW" CONDITIONS.

WATER HEATER SCHEDULE

MARK	WH-1
MFR	LOCHINVAR
MODEL NO.	PENBOOKT
BTU INPUT	1,000,000
RECOVERY GPM @ 100° TEMP. RISE	1057
VENT	10" POLYPRO
EFFICIENCY AS TESTED BY AGA.	88% PER CENT
INTEGRAL PUMP SIZE	1/2 HP
VOLTAGE	115/1/60

NOTE: REUSE EXISTING CIRCULATING PUMP AND REPAIR/REPLACE AS REQUIRED. EXISTING CIRCULATING PUMP IS RATED AT 10 GPM AT 10 FEET OF HEAD.

MECHANICAL SYMBOL LIST

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
—HS—	HEATING WATER SUPPLY		GATE VALVE
—HR—	HEATING WATER RETURN		CHECK VALVE
—CH—	CHILLED WATER SUPPLY		GLOBE VALVE
—CHR—	CHILLED WATER RETURN		COCK
—W—	WASTE LINE		METER OPERATED VALVE - 3 WAY / 2 WAY
—SD—	STORM DRAIN		RELIEF VALVE
—V—	PLUMBING VENT		PRESSURE REDUCING VALVE
———	COLD WATER		UNION
- - - -	HOT WATER 140°		STRAINER
------	HOT WATER CIRCULATING		MANUAL AIR VENT
—180°—	HOT WATER 180°		AUTOMATIC AIR VENT
— F —	FIRE LINE		PIPE ANCHOR
— G —	GAS		EXPANSION JOINT
— CD —	CONDENSATE DRAIN		DIRECTION OF PIPE PITCH DOWN
— F —	FIRE MAIN		THERMOMETER WELL
— DT —	DRAIN TILE		THERMOMETER
	WALL HYDRANT		PRESSURE GAGE
	HOSE BIB		PRESSURE GAGE TAPPING
	YARD HYDRANT		TEMPERATURE SENSOR
	FIRE HOSE CABINET / FIRE HOSE RACK		DOOR GRILLE & CODE FOR SIZE
	FIRE EXTINGUISHER & CABINET		ELEVATION TO BOTTOM OF PIPE FROM FLOOR
	FIRE EXTINGUISHER TYPE INDICATED		FLOOR DRAIN / AREA DRAIN / ROOF DRAIN
	POINT OF CONNECTION		CLEAN OUTS WALL / FLOOR

AIR DISTRIBUTION DEVICE SCHEDULE

MARK	DUTY	TYPE/FACE	MOUNTING	LENGTH	SLOTS	WIDTH	REUND INLET	TITUS MODEL NO.	NOTES
A	SUPPLY	LINEAR	DUCT	12'	--	4"	--	3OR	1,3
B	SUPPLY	LINEAR	DUCT	18'	--	6	--	3OR	1,3
C	SUPPLY	CEILING/LOUVER	LAY-IN	24'	--	24'	6'	TMS	1,4
D	SUPPLY	CEILING/LOUVER	LAY-IN	24'	--	24'	8'	TMS	1,4
E	EXHAUST	CEILING/LINEAR	LAY-IN	12'	--	12'	--	350RL	1,2,3,5
F	EXHAUST	CEILING/LINEAR	SURFACE	12'	--	12'	--	350RL	1,2,3,5
G	RETURN	CEILING/LOUVER	LAY-IN	24'	--	24'	--	350RL	1,3,5
H	RETURN	CEILING/LOUVER	LAY-IN	24'	--	12'	--	350RL	1,3,5
J	RETURN	GRILLE	DOOR	24'	--	--	--	OT-700	1,3
K	SUPPLY	CEILING/LOUVER	SURFACE	12'	--	12'	6'	TMS	1,3

NOTES: 1. OFF-WHITE FINISH - PAINT TO MATCH CEILING/WALL/JOIST COLOR. REFER ARCHITECT'S PLANS.
2. PROVIDE VOLUME DAMPER.
3. PROVIDE VOLUME DAMPER AND AIR EXTRACTOR.
4. NO SCREW HOLES.

PUMP/EXPANSION TANK SCHEDULE

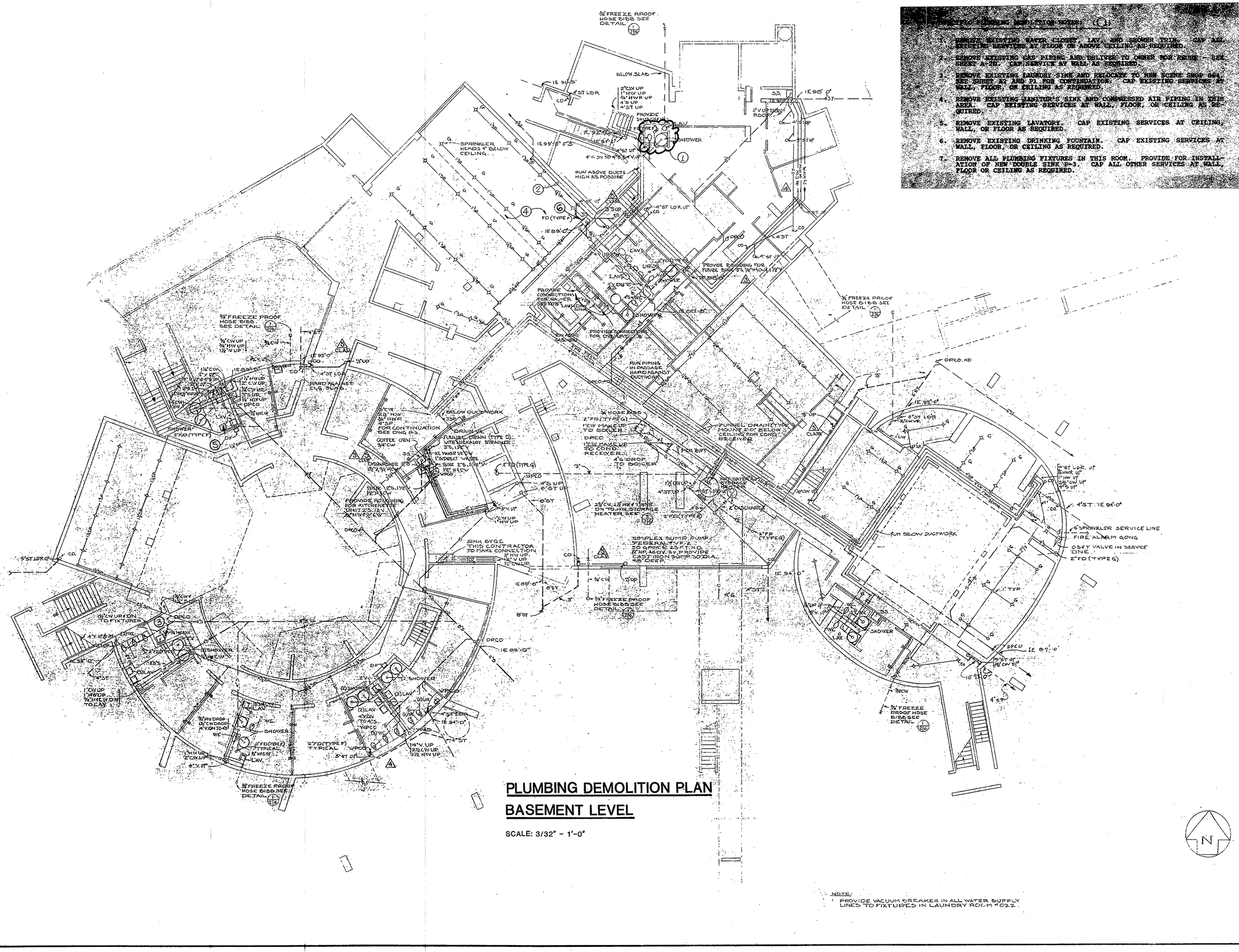
MARK	SERVICE	AURORA MODEL NO.	SIZE	GPM	HEAD	HP	RPM	VOLTAGE	EXPANSION TANK	GALLONS
P-1	CHILLED WATER	361A	2 X 3-1/2 X 9	155	50	5	1750	460/3/60	AMTROL AX-90	44.0
P-2	HEATING WATER	361A	1-1/2 X 2 X 7	70	35	1	1750	460/3/60	AMTROL AX-40	21.1
P-3	HEATING WATER	EXISTING PUMP *	B & G J4A	200	55	7.5	1750	460/3/60	EXISTING	EXISTING
P-4	CHILLED WATER	361A	1-1/2 X 2 X 7	50	40	1	1750	460/3/60	AMTROL AX-40	21.1
P-5	CHILLED WATER	361A	2 X 2-1/2 X 9	115	55	3	1750	460/3/60	AMTROL AX-60	33.6
P-6	CHILLED WATER	361A	2 X 2-1/2 X 9	155	50	5	1750	460/3/60	AMTROL AX-80	44.4

* REBALANCE EXISTING PUMP TO DELIVER 200 GPM @ 55 FEET OF HEAD. CONTRACTOR SHALL MAKE NECESSARY MODIFICATIONS TO UPGRADE PUMP TO "NEW" CONDITION INCLUDING BUT NOT LIMITED TO NEW MOTOR AND IMPELLER. EXISTING PUMP WAS ORIGINALLY RATED AT 267 GPM AT 42 FEET OF HEAD.

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
M-10
OF



1. REMOVE EXISTING WATER CLOSET, LAV. AND SHOWER TRIM. CAP ALL EXISTING SERVICES AT FLOOR OR ABOVE CEILING AS REQUIRED.
2. REMOVE EXISTING GAS PIPING AND DELIVER TO OWNER FOR REUSE - SEE SHEET A-2E. CAP SERVICE AT WALL AS REQUIRED.
3. REMOVE EXISTING LAUNDRY SINK AND RELOCATE TO NEW SCENE SHOP AREA SEE SHEET A2 AND P1 FOR CONTINUATION. CAP EXISTING SERVICES AT WALL, FLOOR, OR CEILING AS REQUIRED.
4. REMOVE EXISTING JANITOR'S SINK AND COMPRESSED AIR PIPING IN THIS AREA. CAP EXISTING SERVICES AT WALL, FLOOR, OR CEILING AS REQUIRED.
5. REMOVE EXISTING LAVATORY. CAP EXISTING SERVICES AT CEILING, WALL, OR FLOOR AS REQUIRED.
6. REMOVE EXISTING DRINKING FOUNDAIN. CAP EXISTING SERVICES AT WALL, FLOOR, OR CEILING AS REQUIRED.
7. REMOVE ALL PLUMBING FIXTURES IN THIS ROOM. PROVIDE FOR INSTALLATION OF NEW DOUBLE SINK (P-3). CAP ALL OTHER SERVICES AT WALL, FLOOR OR CEILING AS REQUIRED.

PLUMBING DEMOLITION PLAN
BASEMENT LEVEL

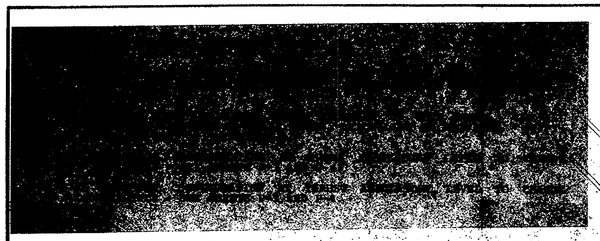
SCALE: 3/32" - 1'-0"

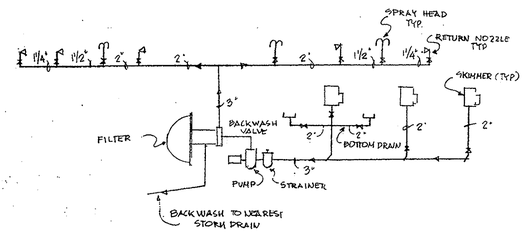
NOTE:
PROVIDE VACUUM BREAKER IN ALL WATER SUPPLY LINES TO FIXTURES IN LAUNDRY ROOM #022

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
P-1D
OF





REFLECTING POOL FILTRATION SYSTEM
N.T.S.

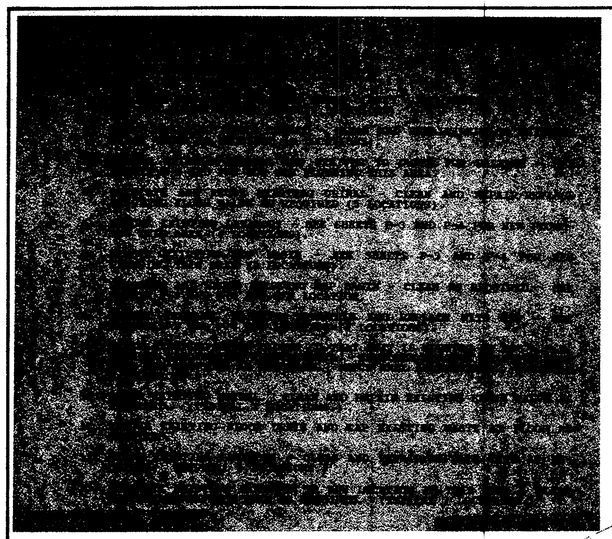
PLUMBING DEMOLITION PLAN
GRADE LEVEL

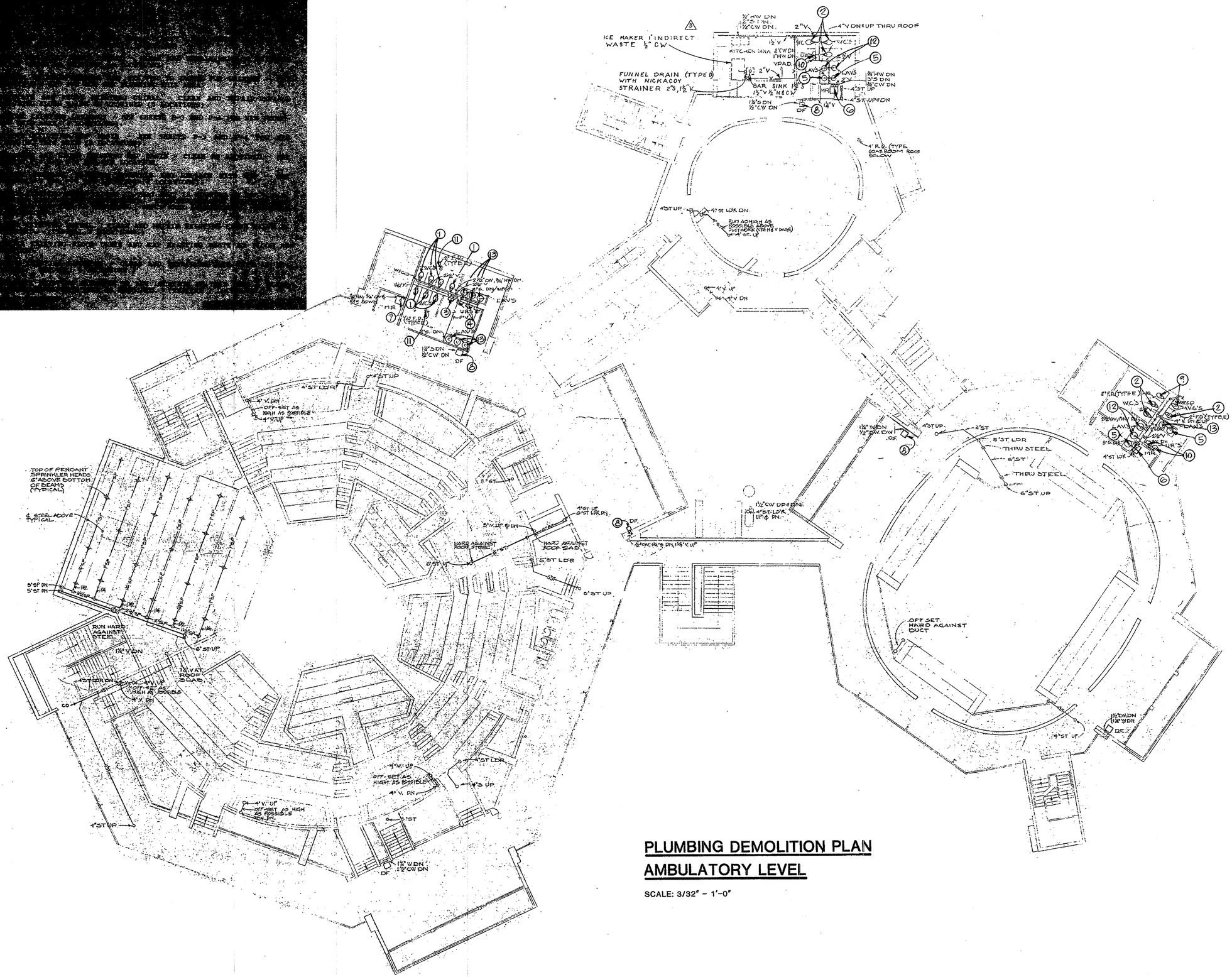
SCALE: 3/32" – 1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
P-2D
OF





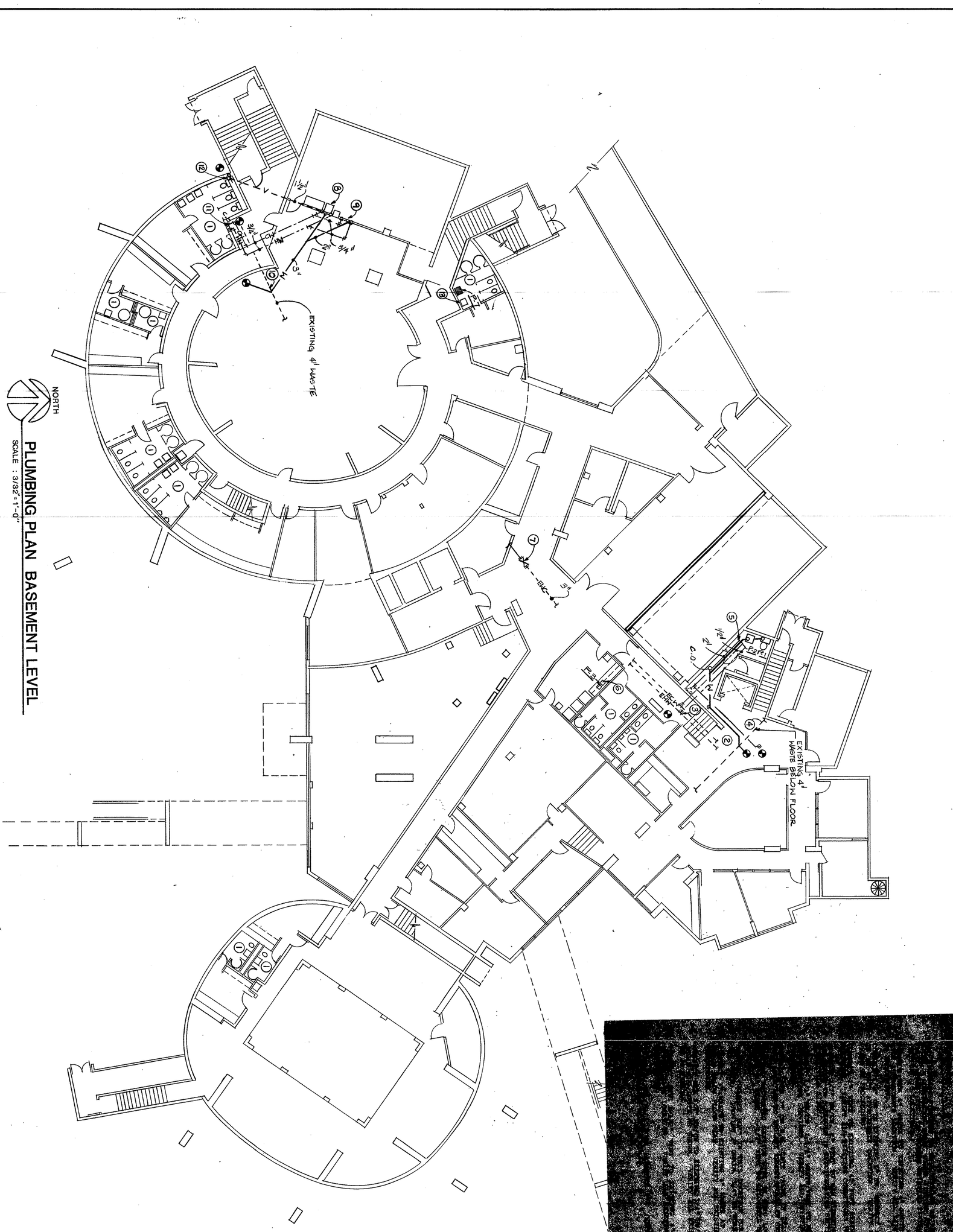
PLUMBING DEMOLITION PLAN
AMBULATORY LEVEL

SCALE: 3/32" - 1'-0"

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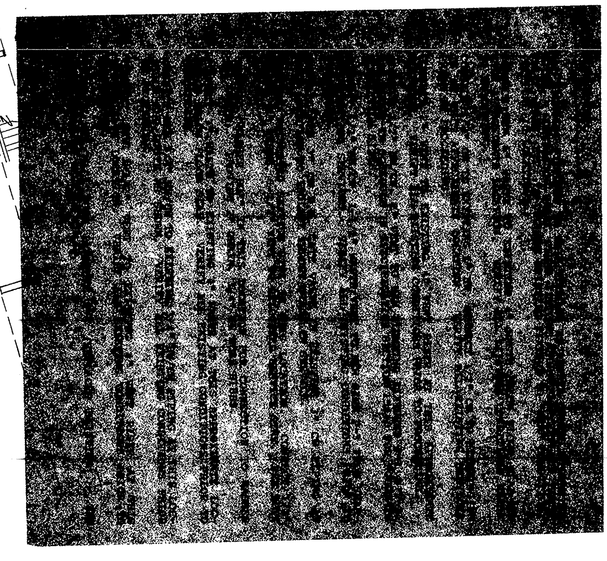
RENOVATION LEVEL
STAGE CENTER AT FESTIVAL PLAZA

SHEET
P-3D
OF



PLUMBING PLAN BASEMENT LEVEL

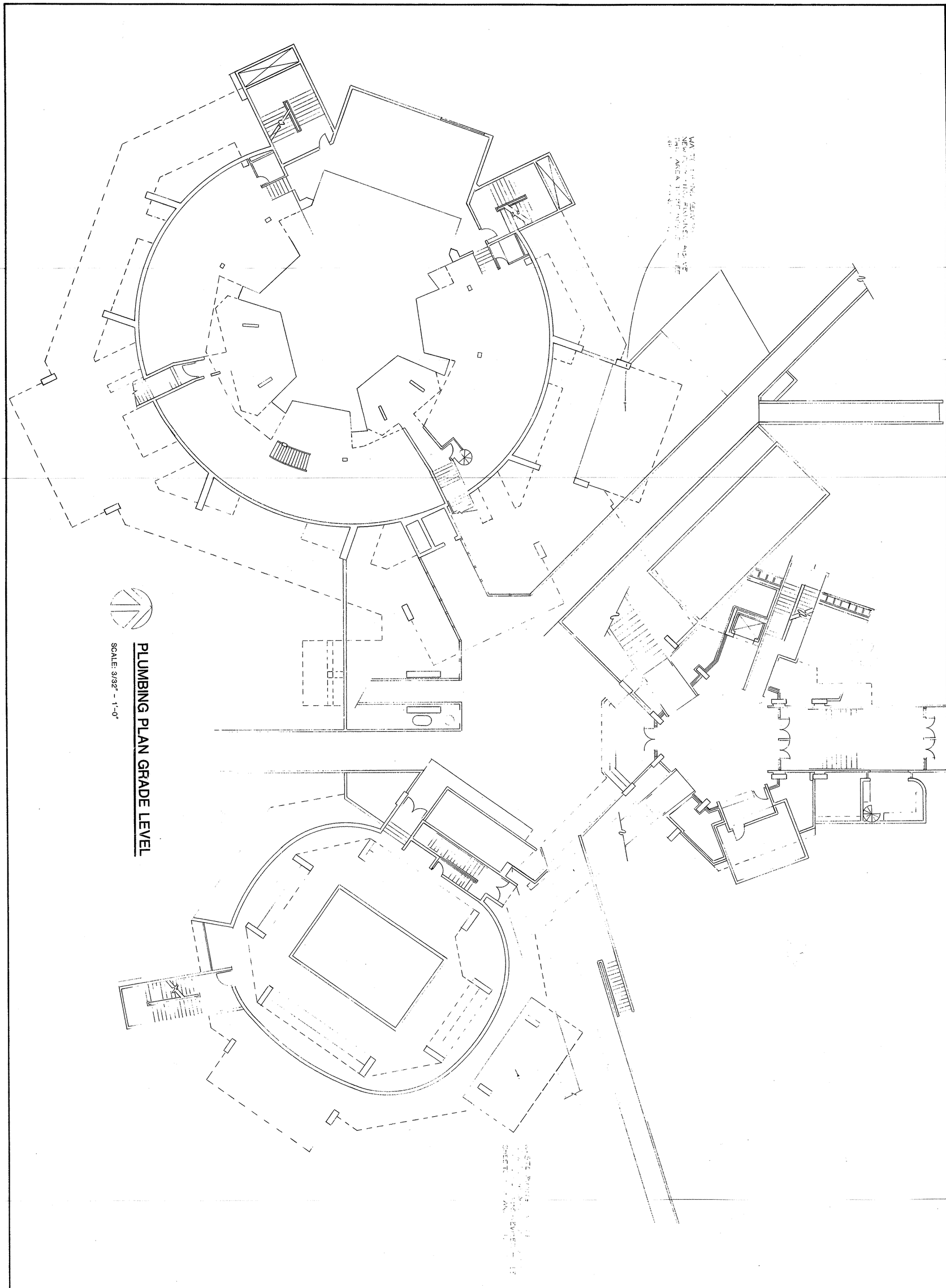
SCALE : 3/32" = 1'-0"



RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET **P-1** OF

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PLUMBING PLAN GRADE LEVEL

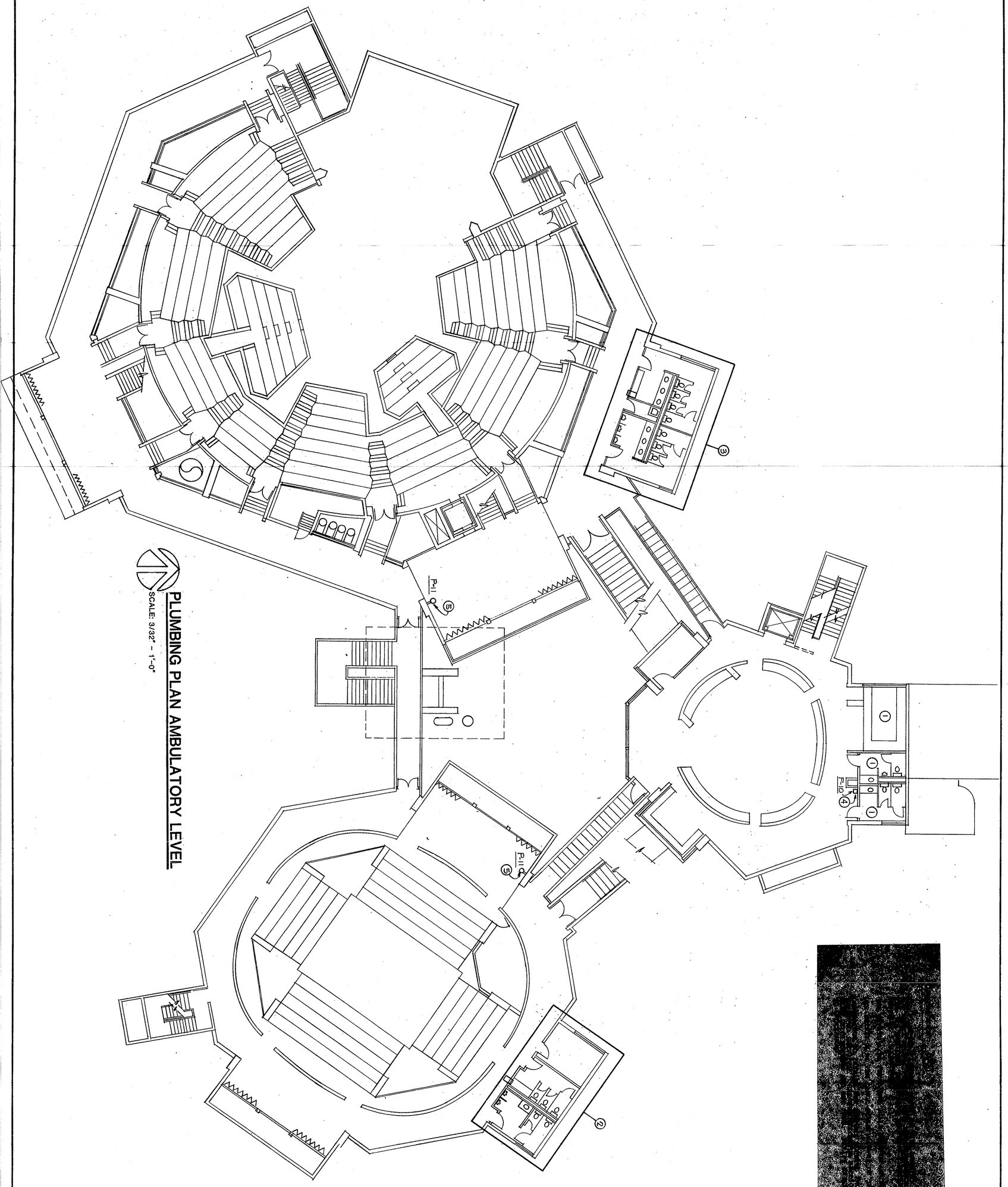
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SHEET P-2 OF

RENOVATION PROJECT

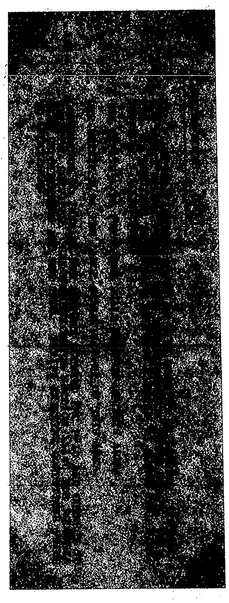
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PLUMBING PLAN AMBULATORY LEVEL

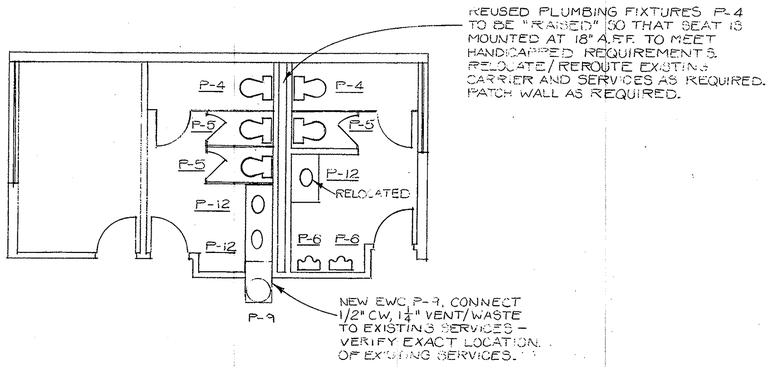
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SHEET P-3 OF

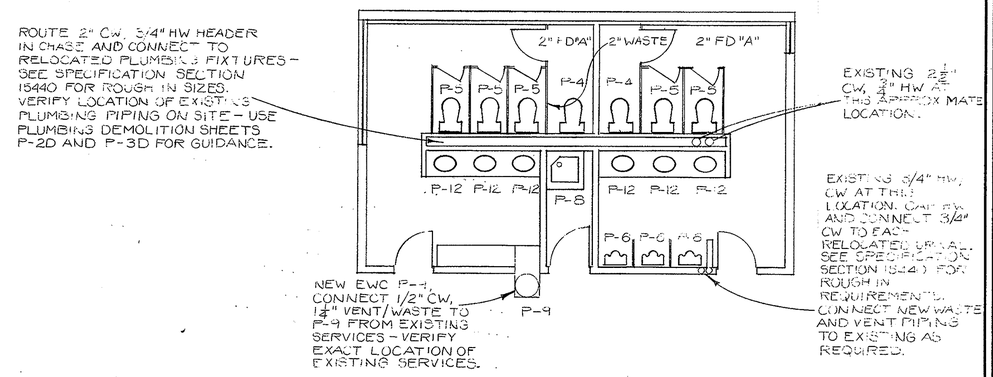
RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

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LARGE SCALE PLAN
AT ARENA STAGE RESTROOM

SCALE: 3/16" - 1'-0"



LARGE SCALE PLAN
AT THRUST STAGE RESTROOM

SCALE: 3/16" - 1'-0"

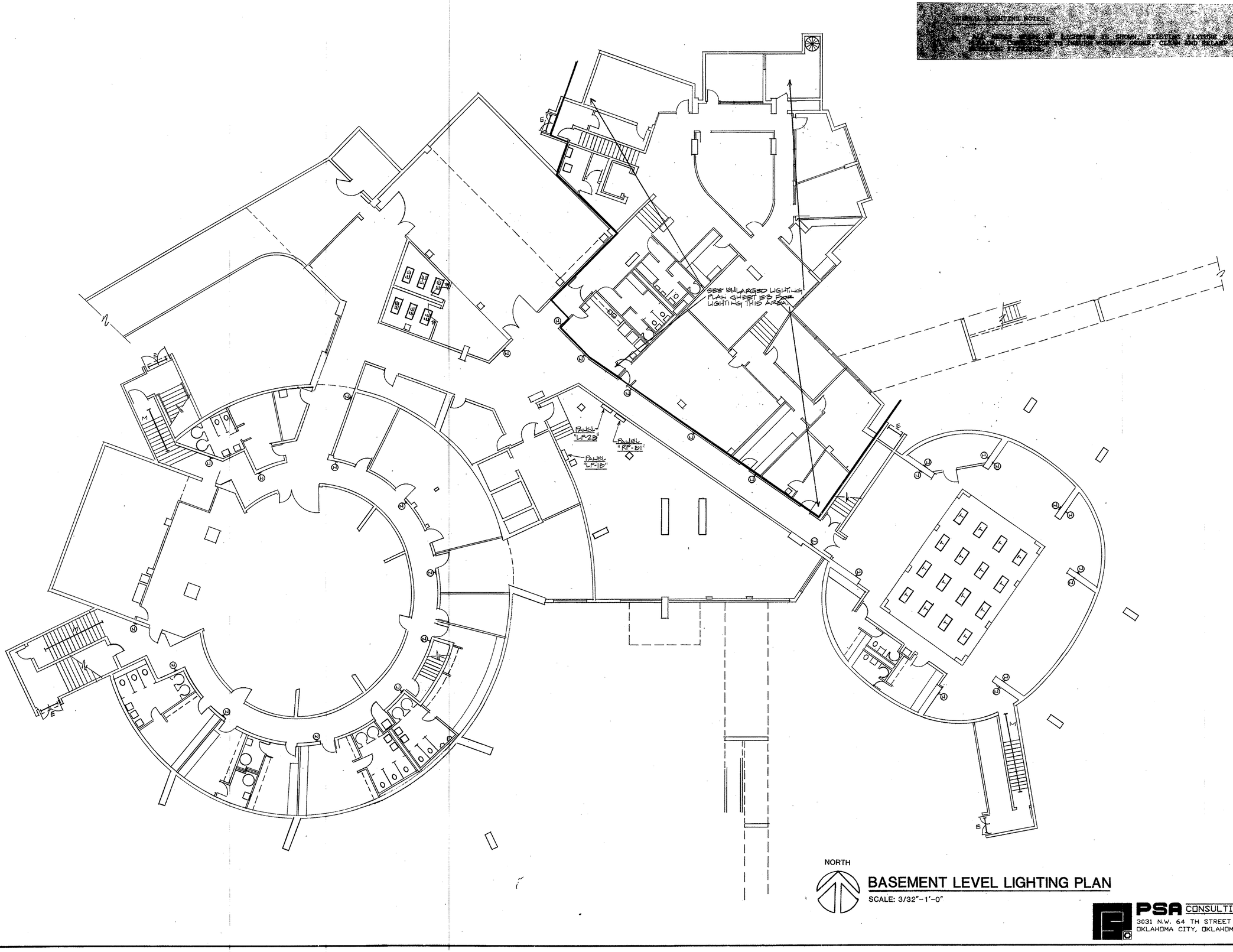
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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
P-4
OF

GENERAL LIGHTING NOTES:

1. ALL METAL HOUSE OF LUMINAIRE IS GROUND. EXISTING FIXTURE SHALL BE CHECKED TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL GENERAL FIXTURES.



NORTH

BASEMENT LEVEL LIGHTING PLAN

SCALE: 3/32"-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

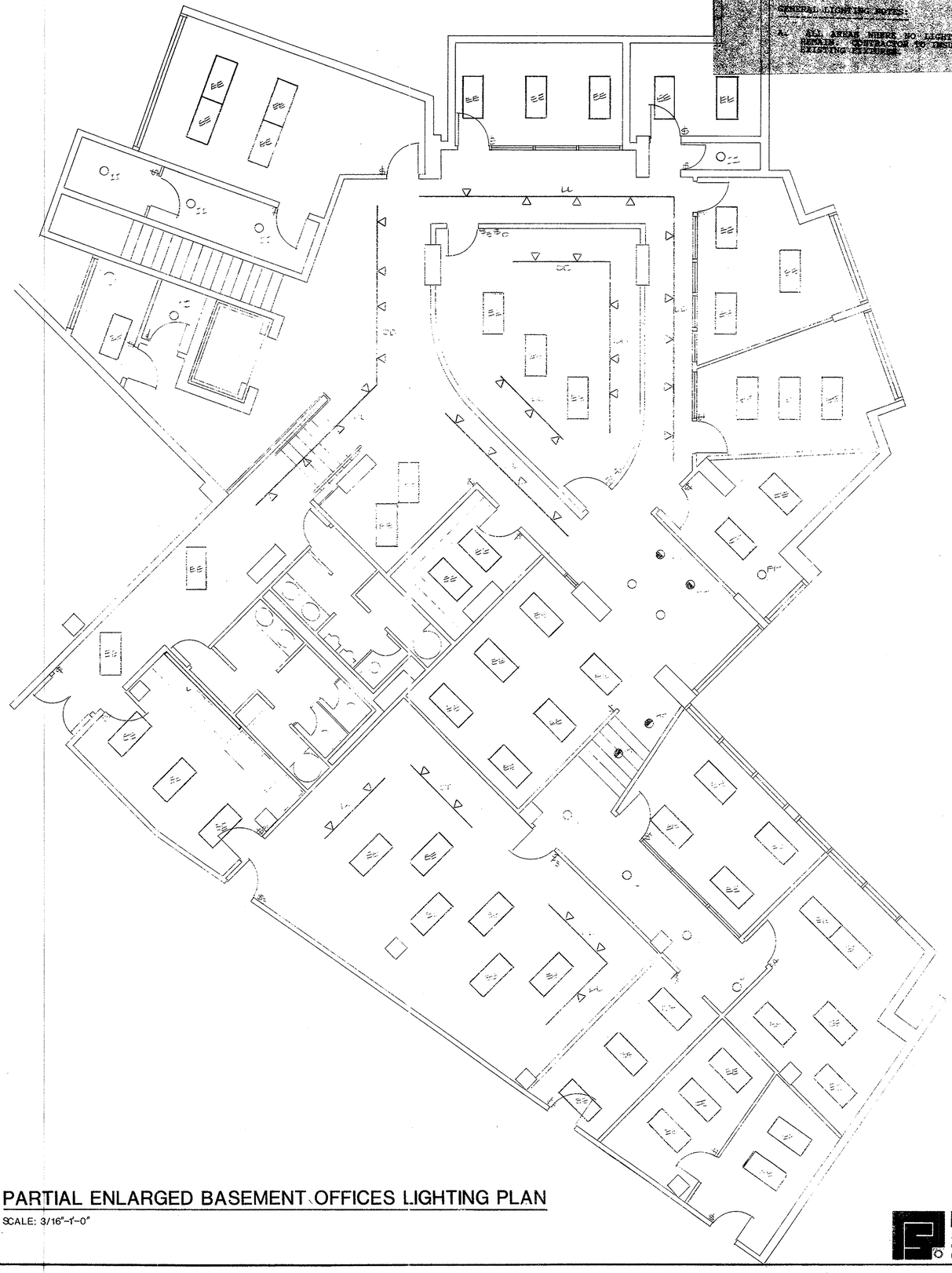
SHEET
E-2
OF

LIGHTING FIXTURE SCHEDULE

	DESCRIPTION	MOUNTING	LAMPS
A	SPI-PS216B,SERIES 2000	SURFACE	250W/MH
B	SPI-PS216B,SERIES 2000	GROUND	250W/MH
C	SPI-PS216B,SERIES 2000	WALL	250W/MH
D	EXISTING STEP LIGHTS RELAMP & REPLACE LOUVER COVER W/ACRYLIC DIFFUSERS		
E	EXTRA DOOR		
F	SPI-WES216B,SERIES 2000	SURFACE	250W/MH
G	NOT USED		
H	15MM NEON TUBE W/15,000 VOLT TRANSFORMER IN CLEAR PLEXIGLASS COVER. COLOR: TBA REMOTE TRANSFORMER		
H1	15MM NEON TUBE W/15,000 VOLT TRANSFORMER W/CLEAR PLEXIGLASS FACE AND STEEL ANGLE STRUCTURE COLOR: TBA		
I	15 MM NEON TUBE W/15,000 VOLT TRANS-FORMER W/CLEAR PLEXIGLASS FACE & STEEL ANGLE STRUCTURE COLOR: TBA		
J	HALO-H7T-310P	RECESSED	75W/R30
K	15MM NEON TUBE W/15,000 VOLT TRANS-FORMER W/CLEAR PLEXIGLASS COVER & REMOTE TRANSFORMER COLOR: TBA		
L	15MM NEON TUBE W/15,000 VOLT TRANS-FORMER W/CLEAR PLEXIGLASS COVER COLOR: TBA REMOTE TRANSFORMER		
M	EXIST. NEON STAIR LIGHTS REPAIR AS NEEDED TO RESTORE WORKING ORDER.		
N	INTERIOR FIXTURES TO REMAIN RELAMP AND CHECK		
O	PRESCOLITE-9320-10-60G25-W	SURFACE	
P	HALO-L652P	SURFACE	
Q	HALO-L2717P-L200MB	TRACK	75W/MR16
R	NULITE-SW248-SL	SURFACE	2-F48CW
S	EXISTING STEP LIGHTS REMOVE AND CAP		
T	METALUX-WS440A	SURFACE	F/40CW
U	HALO-H1318P	SURFACE	300W/R40
V	ALKCO-138-RSW	UNDERCOUNTER	1-T5-8W 1-T5-13W
W	GE-UXL2-50CL	SURFACE	FURNISHED
X	HALO-1319P	PENDANT	150W/QS
Y	METALUX-SN140LRS	SURFACE	F40/CW
Z	HALO-L2717-L200MB-L1973LV	SURFACE	75W/MR16
AA	MARCO		
BB	ELLIPSOIDAL SPOT Q350		
CC	HALO-4211	SURFACE	25W/G
DD	EXISTING 8' TRACK		
EE	METALUX-2G440A	RECESSED	F40/CW
FF	EXISTING SURFACE DOWNLIGHTS RELAMP & RELOCATE AS SHOWN		
GG	EMERGILITE-24LSM220-0-EF15II	RECESSED	
HH	HALO-H7T-418P	RECESSED	75W/R30
II	KEYLESS PORCELIN LAMPHOLDER	SURFACE	60W/A19
JJ	LIGHTOLIER-40321-GW	SURFACE	60W/G

GENERAL LIGHTING NOTES:

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.



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PARTIAL ENLARGED BASEMENT OFFICES LIGHTING PLAN

SCALE: 3/16"-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-3
OF

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100A, 3P, 4W FULL NEUTRAL BUS DUCT

E1
1001B

PANEL LP-2B

PANEL 2P-B1

PANEL LP-1B

FIRE ALARM CABINET

PANEL EP-1

TEMP. CONTROL PANEL

MOTOR CONTROL CENTER

B-1

P-2

WH-1

P-1

MAIN SWITCHBOARD

5 SETS 4-500MCM 4"C. TO UTIL TY CO. XFMR

EXISTING EMERGENCY GENERATOR

400A/3P DISCONNECT SWITCH

TRANSFORMER T-4

N

NORTH

BASEMENT POWER PLAN

SCALE: 3/32"-1'-0"

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STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-4
OF

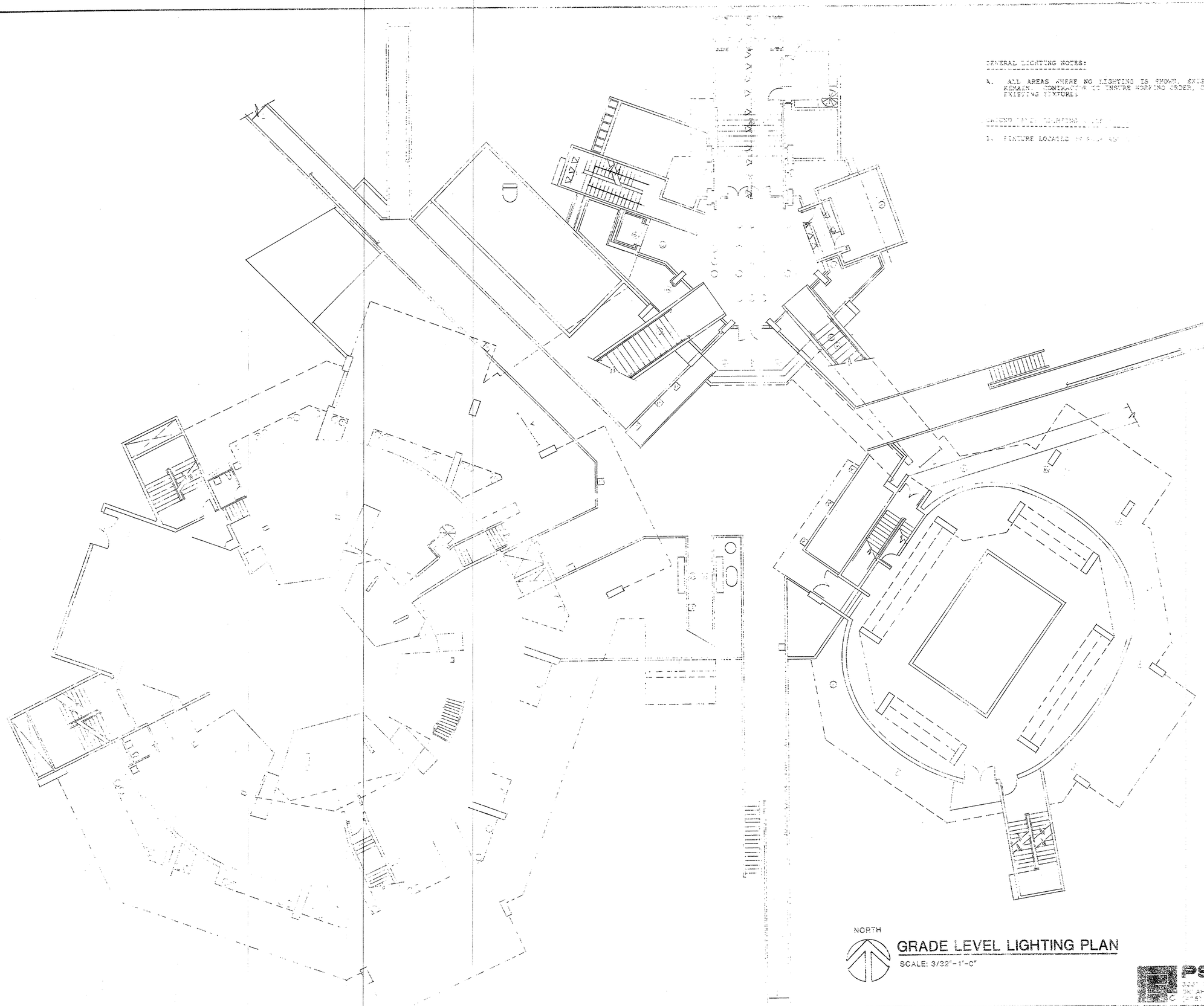
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GENERAL LIGHTING NOTES:

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO ENSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

[illegible]

B. FIXTURE LOCATED [illegible]



NORTH

GRADE LEVEL LIGHTING PLAN

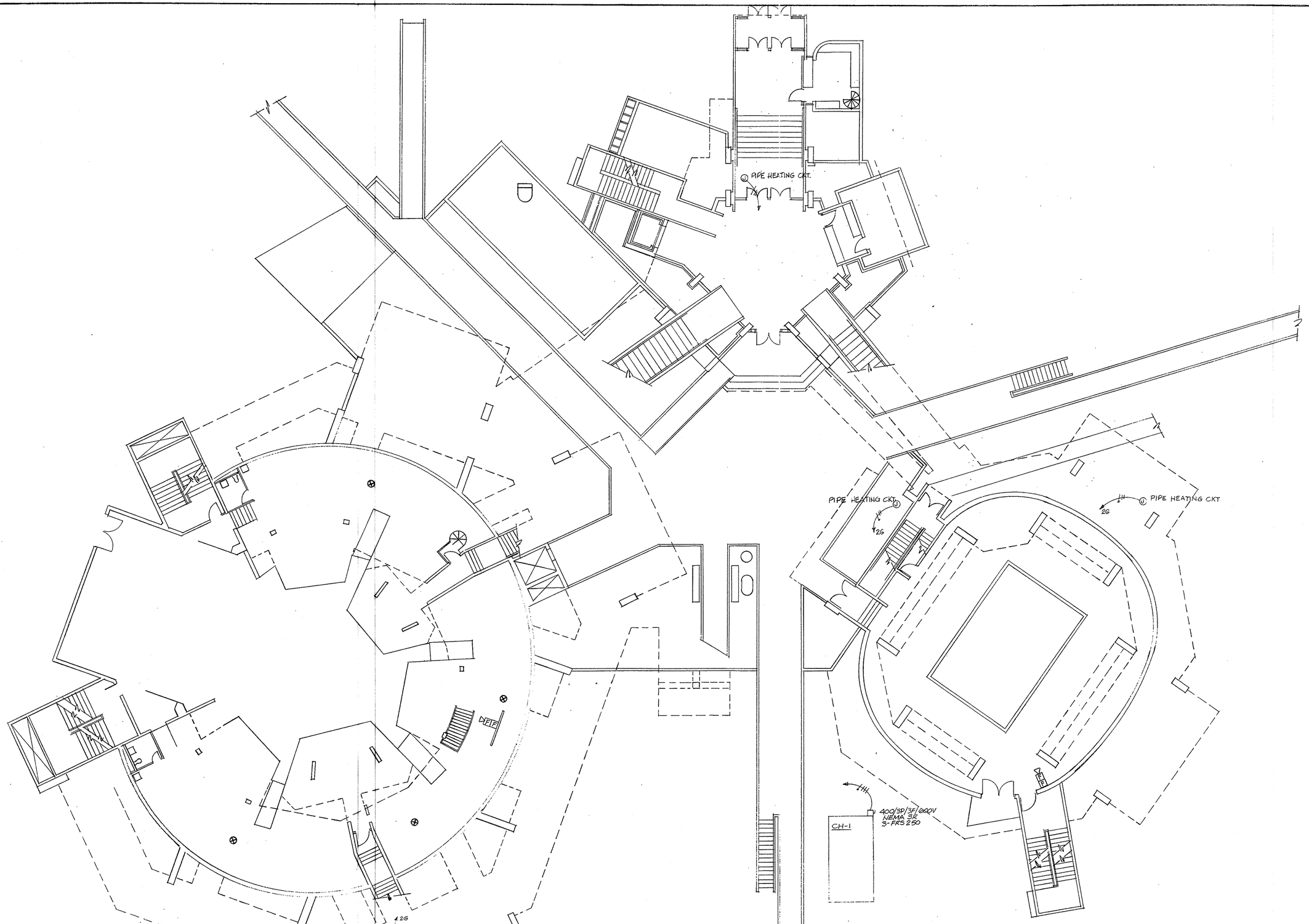
SCALE: 3/32"=1'-0"

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PSA CONSULTING ENGINEERS
[illegible]

RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-5
OF



GRADE LEVEL POWER PLAN

SCALE: 3/32"-1'-0"

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RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-6
OF

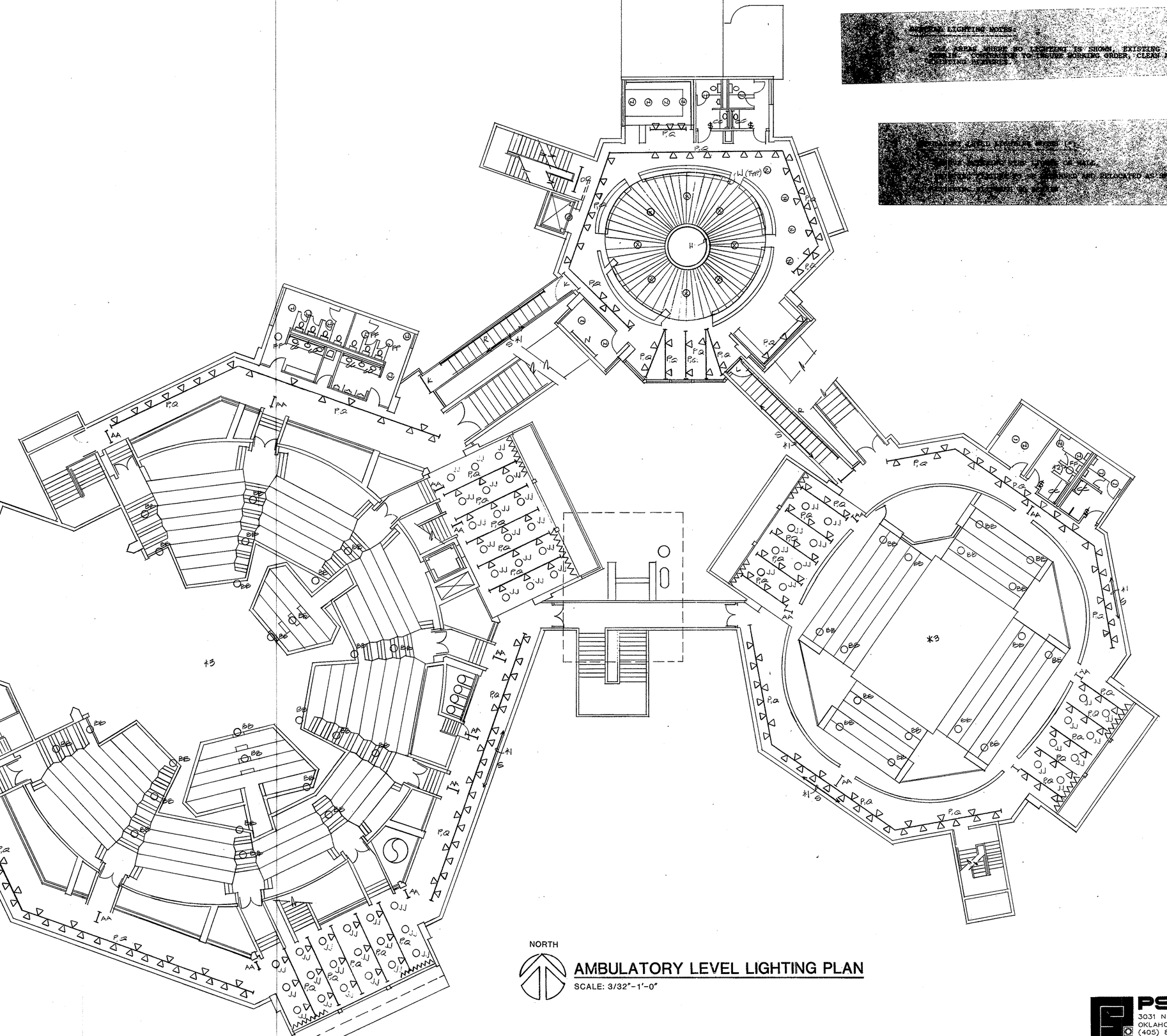
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EXISTING LIGHTING NOTES:

1. AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO ENSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

EXISTING WALL FIXTURE MOUNTED (P.Q.)

- [illegible] approximately [illegible] of wall.
- [illegible] fixtures to be removed and relocated as shown.
- [illegible] to remain in place.



NORTH

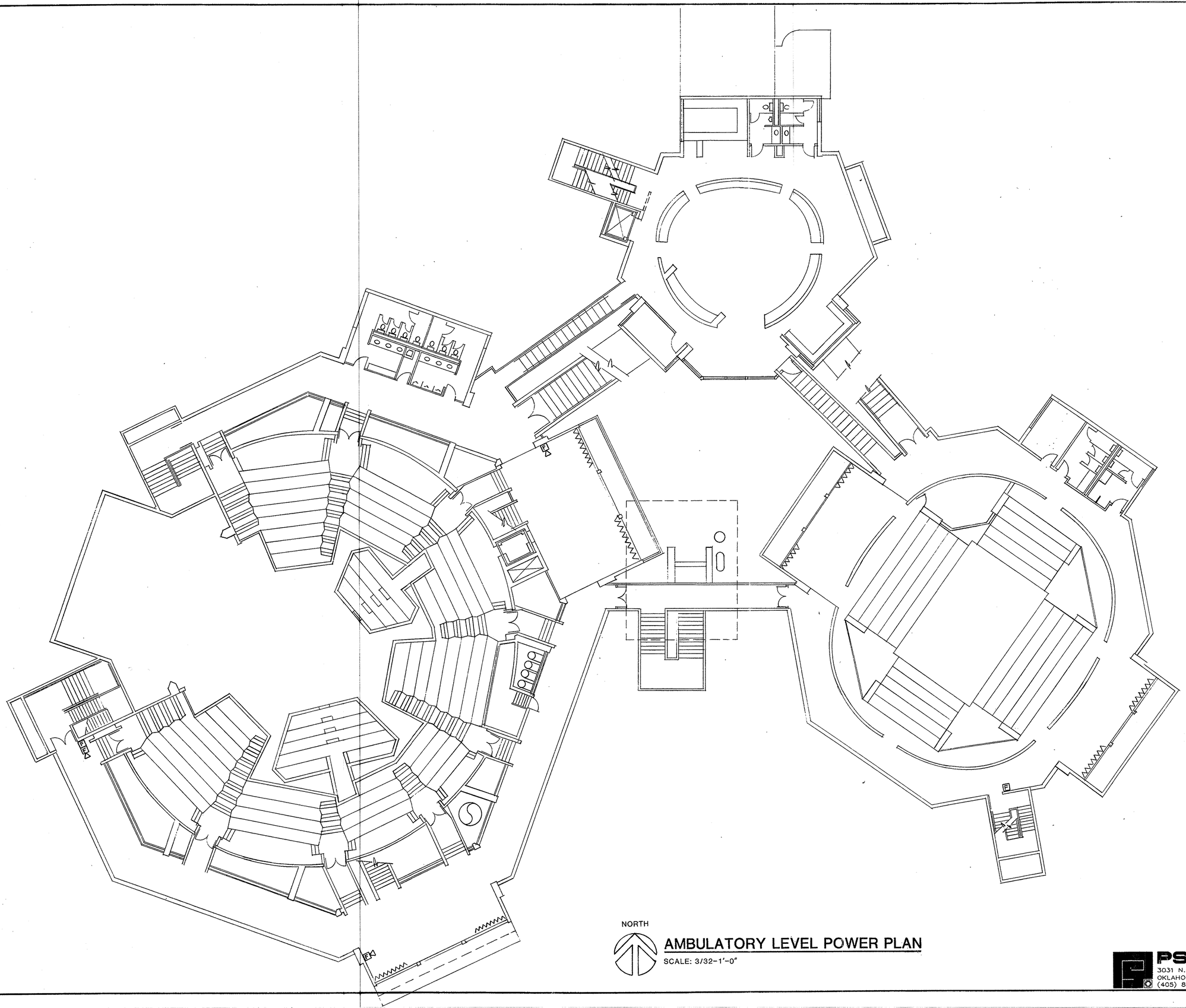
AMBULATORY LEVEL LIGHTING PLAN

SCALE: 3/32"-1'-0"

PSA CONSULTING ENGINEERS
3031 N.W. 64 TH STREET SUITE 101
OKLAHOMA CITY, OKLAHOMA 73116
(405) 840-1901

RENOVATION PROJECT
STAGE CENTER AT FESTIVAL PLAZA

SHEET
E-7
OF



NORTH

AMBULATORY LEVEL POWER PLAN

SCALE: 3/32-1'-0"

Elliott + Associates Architects
6709 North Classen Suite 101 · Oklahoma City, OK 73116
405-843-9554

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SHEET
E-8
OF

GENERAL LIGHTING NOTES:

A. ALL AREAS WHERE NO LIGHTING IS SHOWN, EXISTING FIXTURE SHALL REMAIN. CONTRACTOR TO INSURE WORKING ORDER, CLEAN AND RELAMP ALL EXISTING FIXTURES.

B. ARROWS INDICATE AIMING DIRECTION.

ROOF PLAN LIGHTING NOTES (*):

1. LOCATE ON ROOF BELOW.

NORTH

ROOF LIGHTING PLAN

SCALE: 3/32"-1'-0"

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RENOVATION PROJECT
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SHEET
E-9
OF