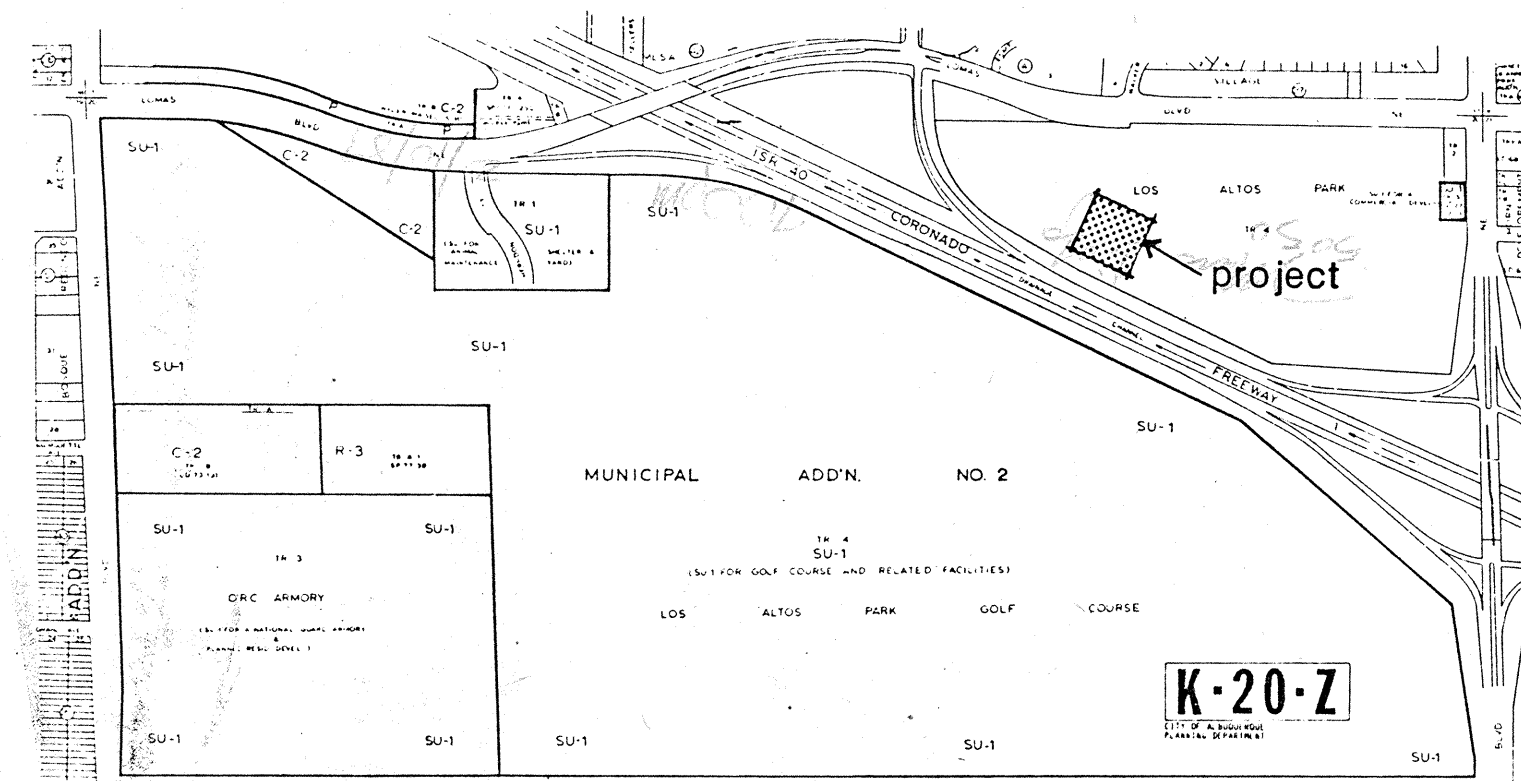


Los Altos Pool Renovation

Vicinity Map



Project Data



Site Plan
1/8" = 1'-0"

DESIGN DEVELOPMENT PHASE (60%)

DATE: 1-31-89

General Notes

1. All work noted as "CLASS I CONSTRUCTION" shall be performed by the contractor.
2. All work noted as "CLASS II CONSTRUCTION" shall be performed by the owner.
3. Contractor shall coordinate his work with Class II work where noted.
4. Contractor shall field verify all dimensions.
5. Contractor shall field verify conditions prior to submitting his bid.

Index to Drawings

No.	Sheet	Description
1.	SP-1	Cover Sheet/Project Data
2.	S-1	Roof Framing Plan
3.	S-2	Structural Details
4.	A-1	Demolition Plan - Pool
5.	A-2	Floor Plan - Pool
6.	A-3	Elevations
7.	A-4	Roof Plans
8.	A-5	Sections/Details
9.	M-1	Mechanical Plan - Pool
10.	M-2	Mech. Plans - Bath House
11.	E-1	Elect. Site Plan Removals
12.	E-2	Electrical Site Plan

CLASS I CONSTRUCTION

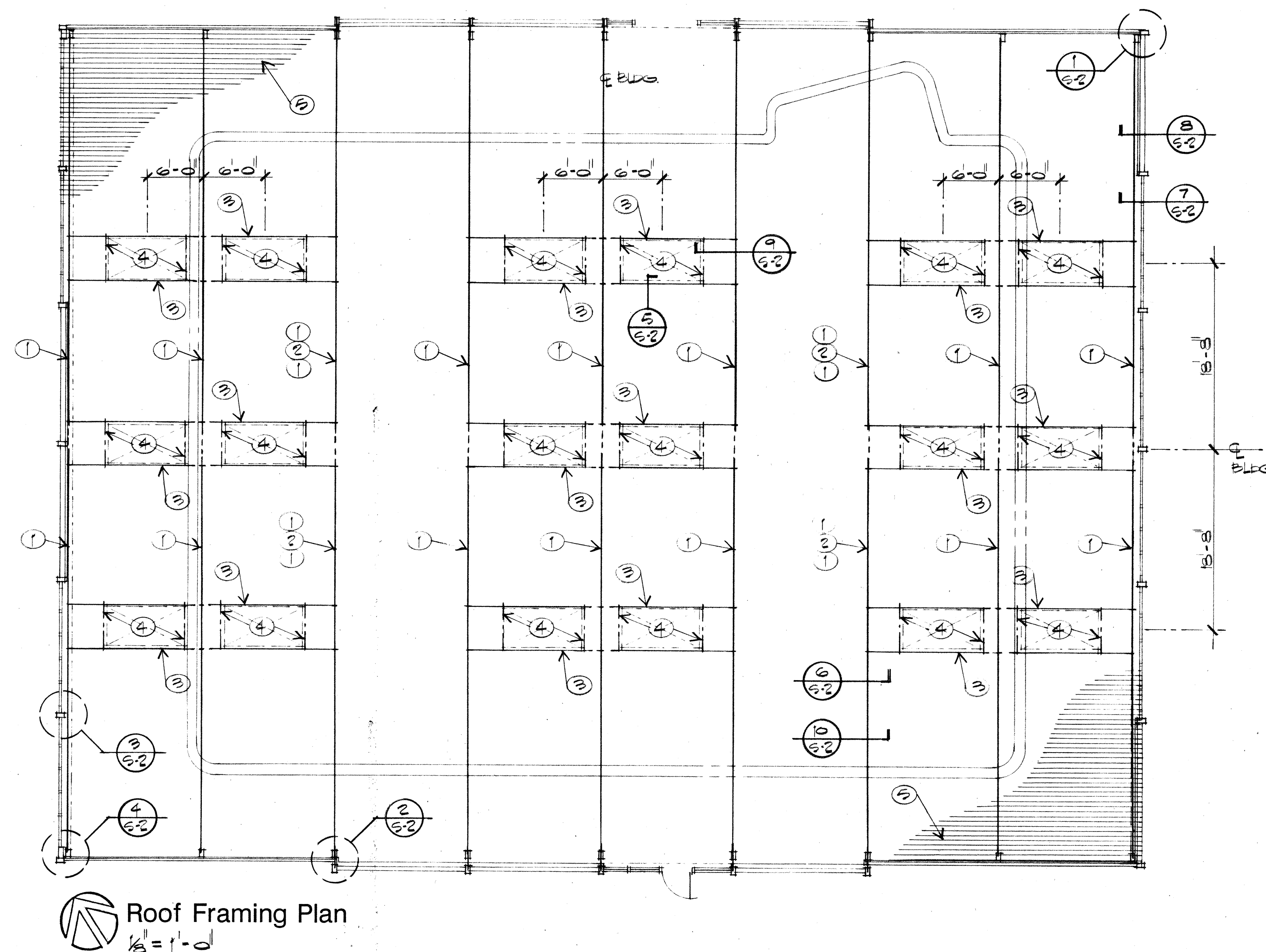
no.	date	revision
dekker & associates architects/engineers/planners 600 First St. N.W., East Wing Albuquerque, N.M. 87102 505/247-2888		
Los Altos Pool Renovation Parks & Recreation City of Albuquerque		
Cover Sheet		
		job no. 88-008.02 drn. by ckd. by issued 1/20/89 sheet SP-1 1 of 12

DATE: 1-31-89

RANDY GIRON SET #8 LOS ALTOS POOL CLASS I

○ Keyed Notes

1. 4" nominal tapered(9"-1-1/2") glu-lam on existing truss.
2. 4" x 7-1/2" nominal glu-lam on roof decking.
3. 4" x 5" nominal glu-lam skylight support on tapered glu-lam.
4. 4" x 6" nominal glu-lam between glu-lam skylight support.
5. 2-7/8" x 6" tongue and groove wood roof decking fastened to tapered glu-lams.



Roof Framing Plan

1/8" = 1'-0"

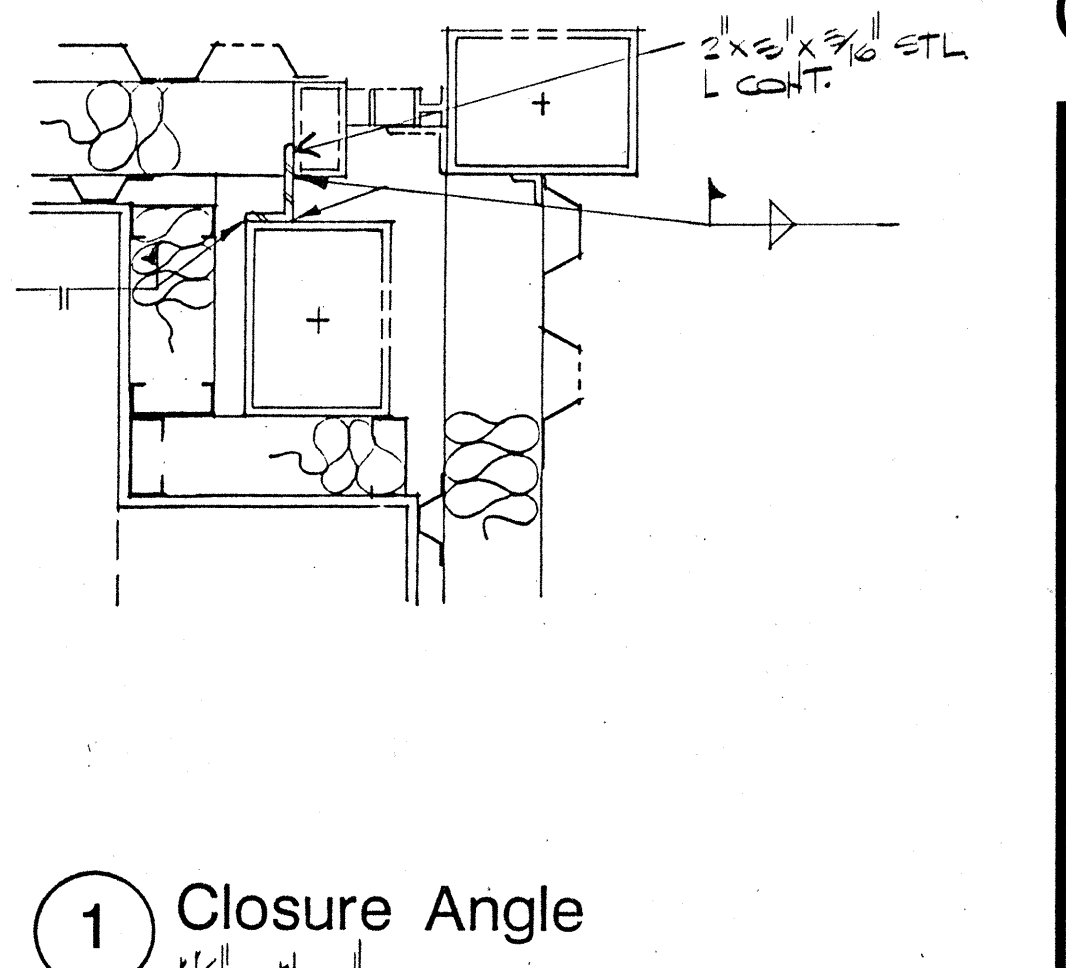
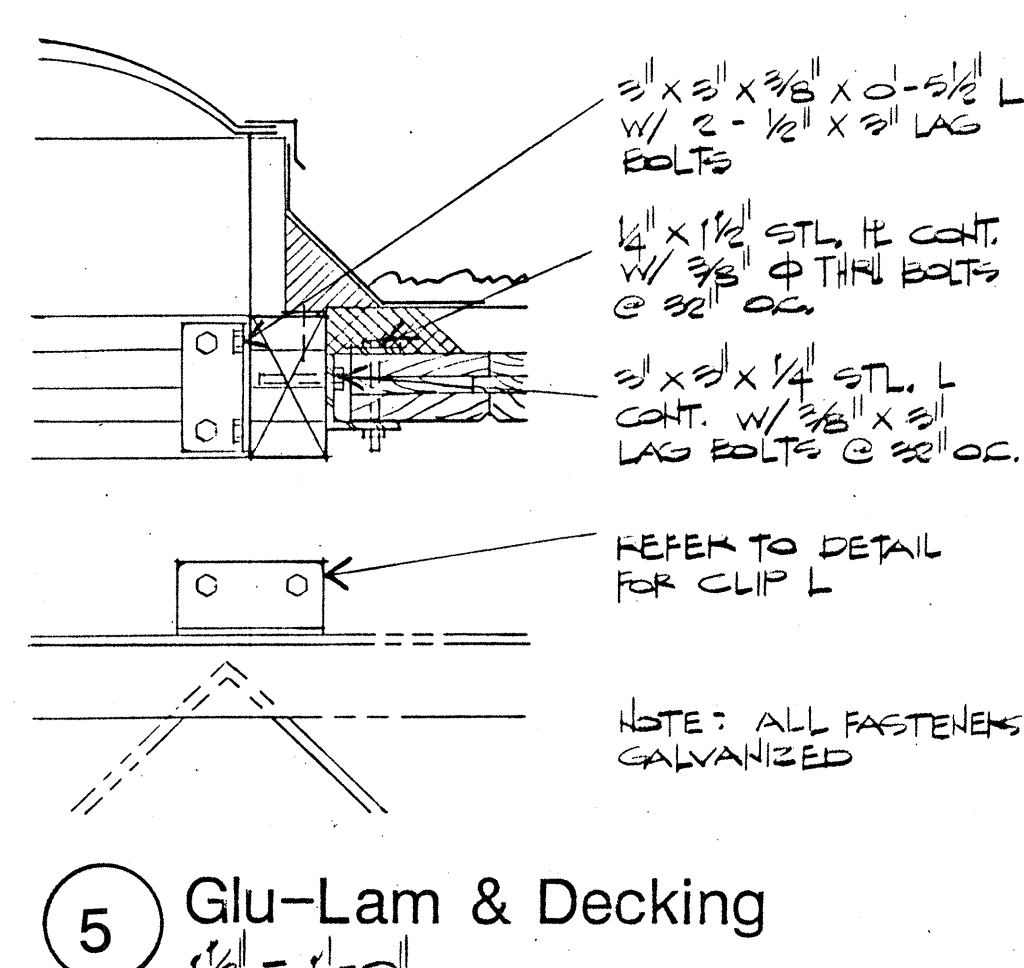
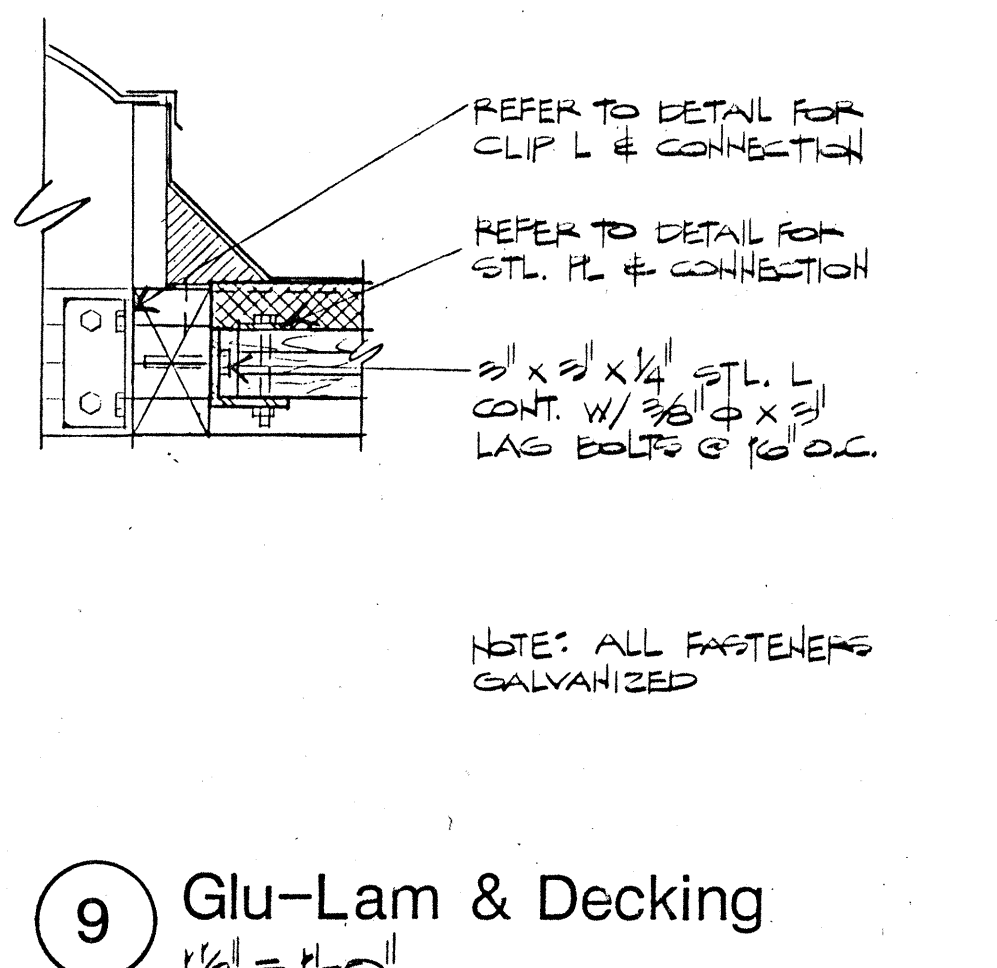
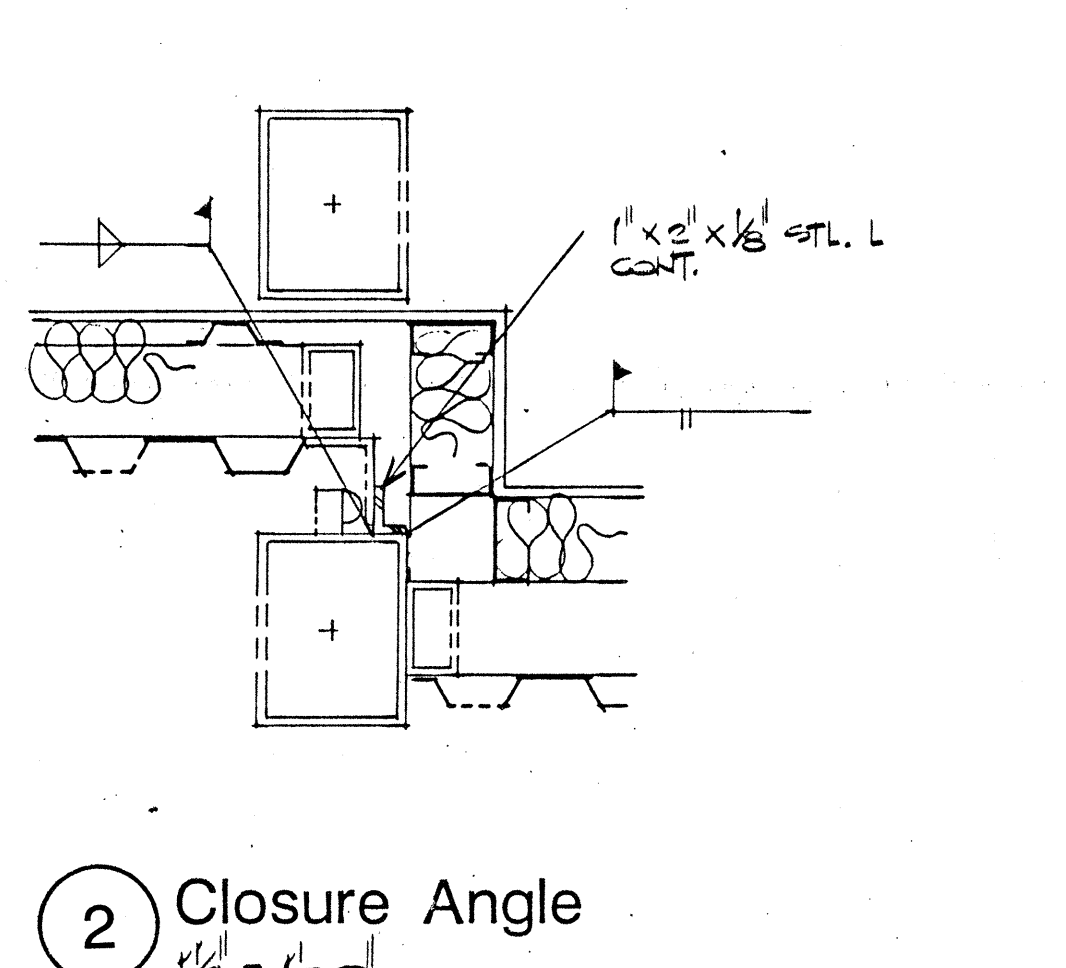
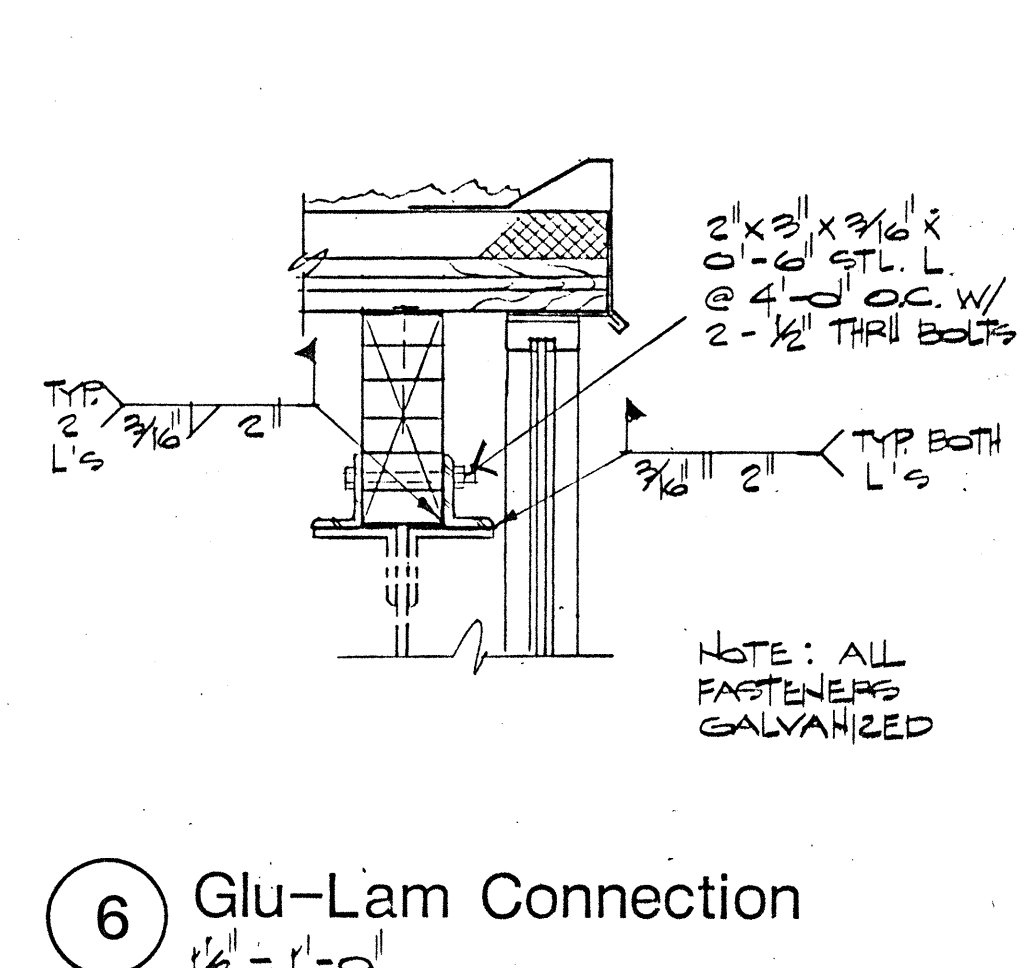
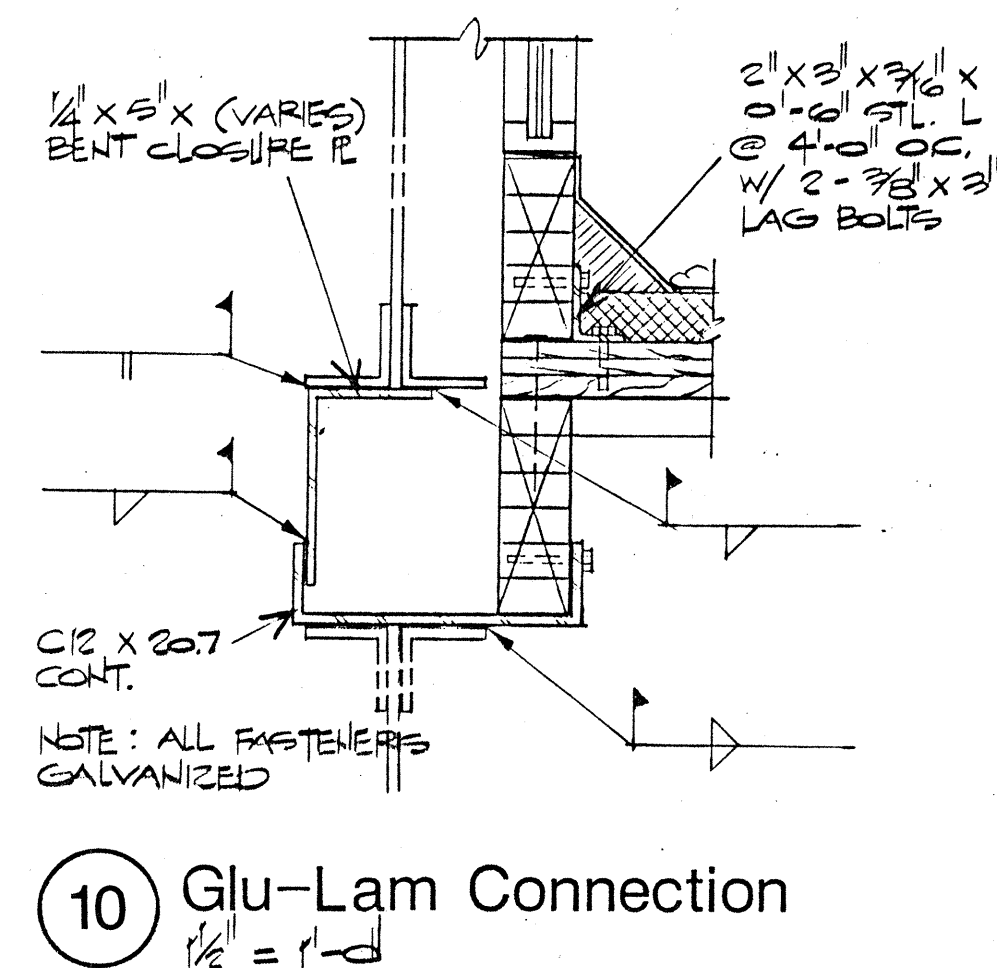
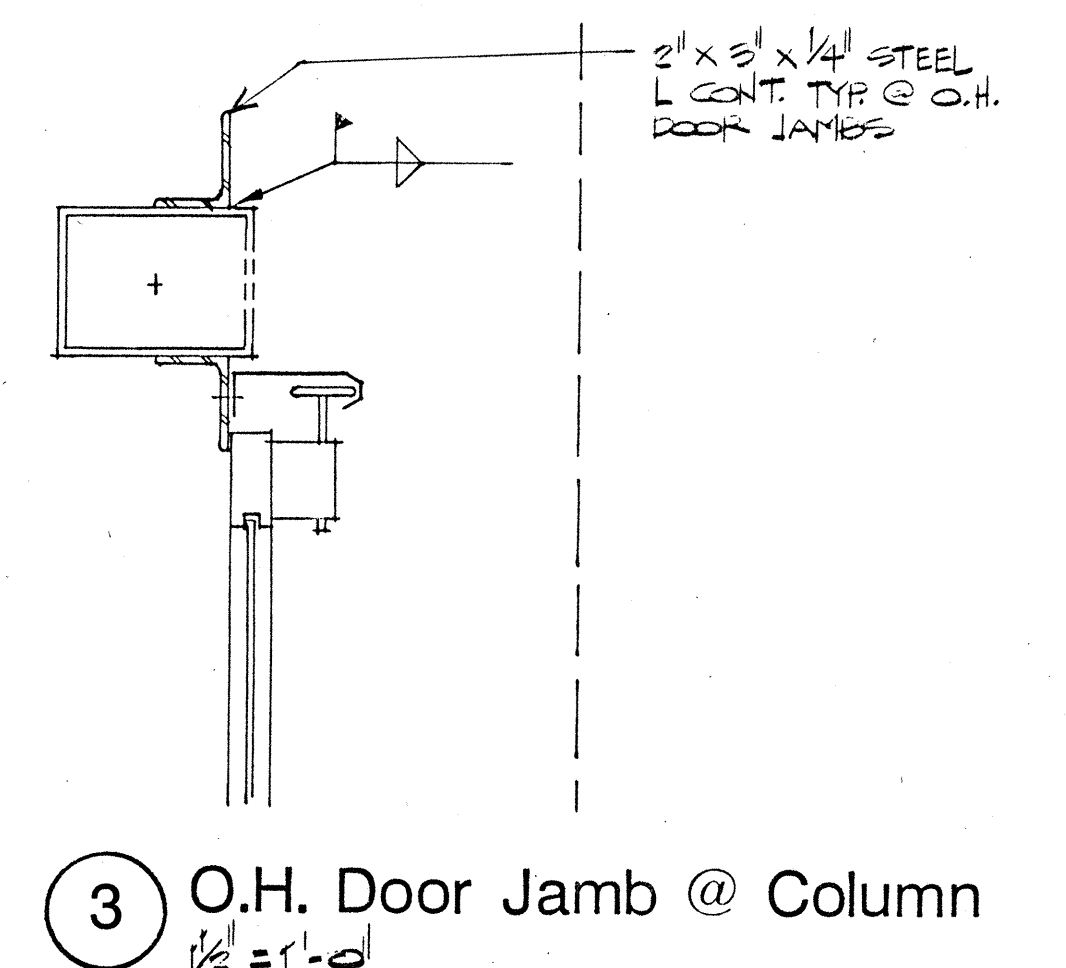
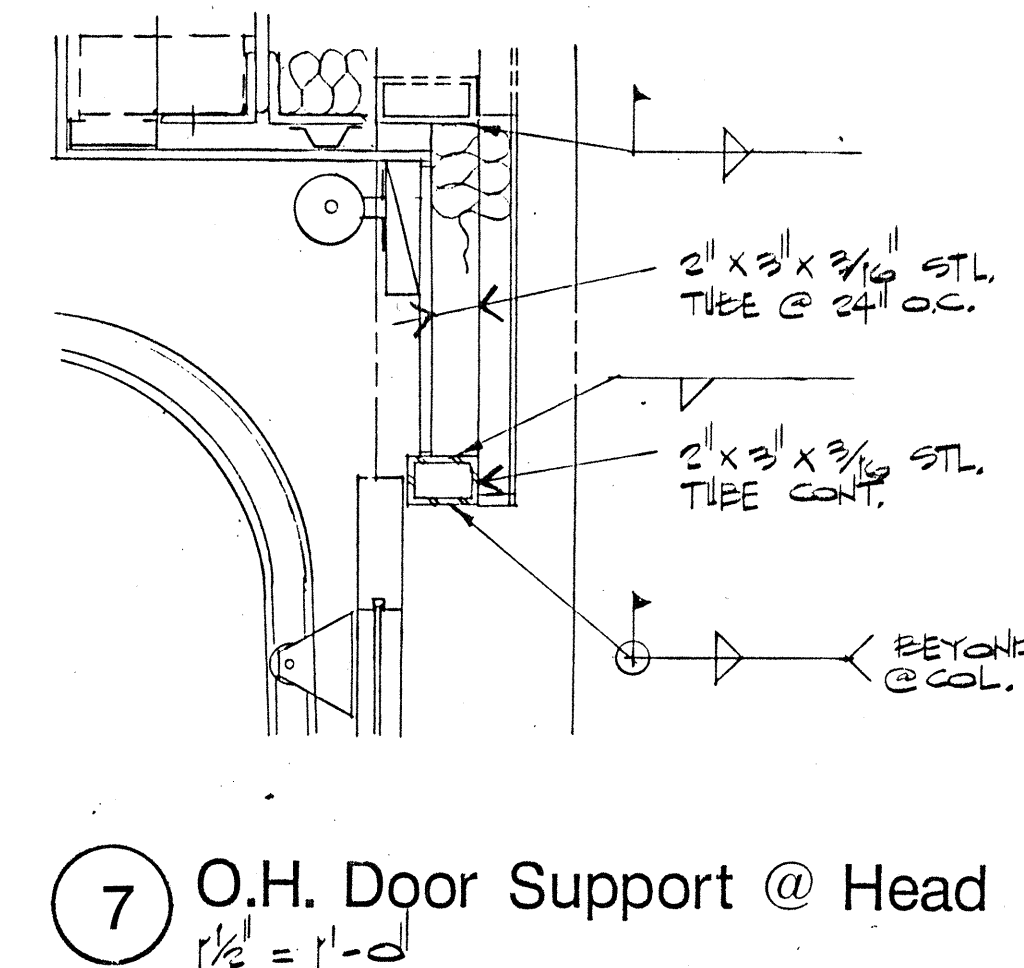
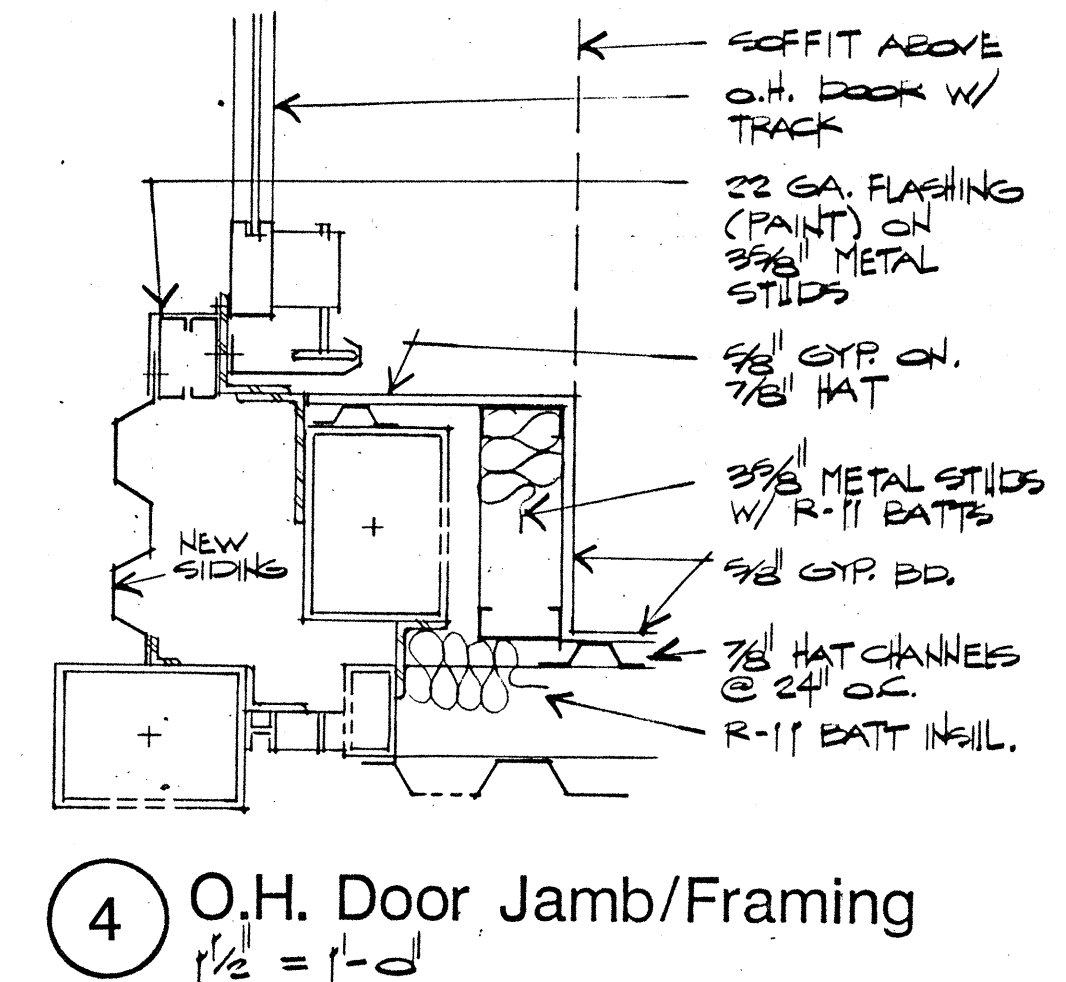
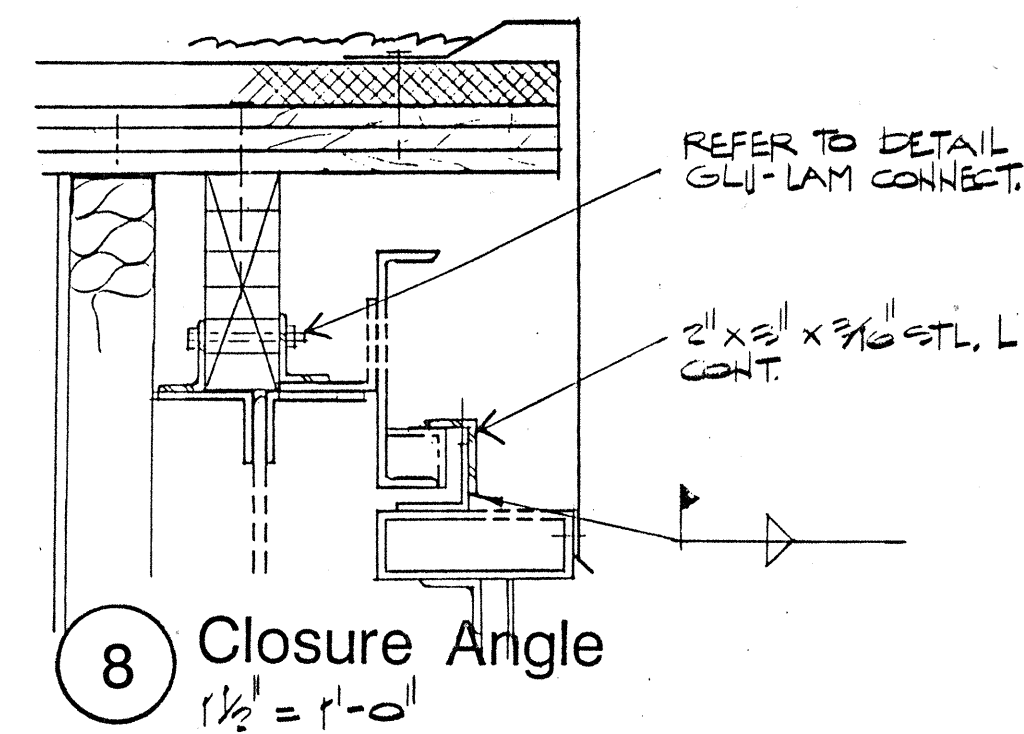
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Parks & Recreation
City of Albuquerque

Roof Framing Plan

job no.	83-08.00
dm. by	
ckd. by	
issued	1/20/84
sheet	S-1
	2 of 12

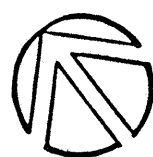
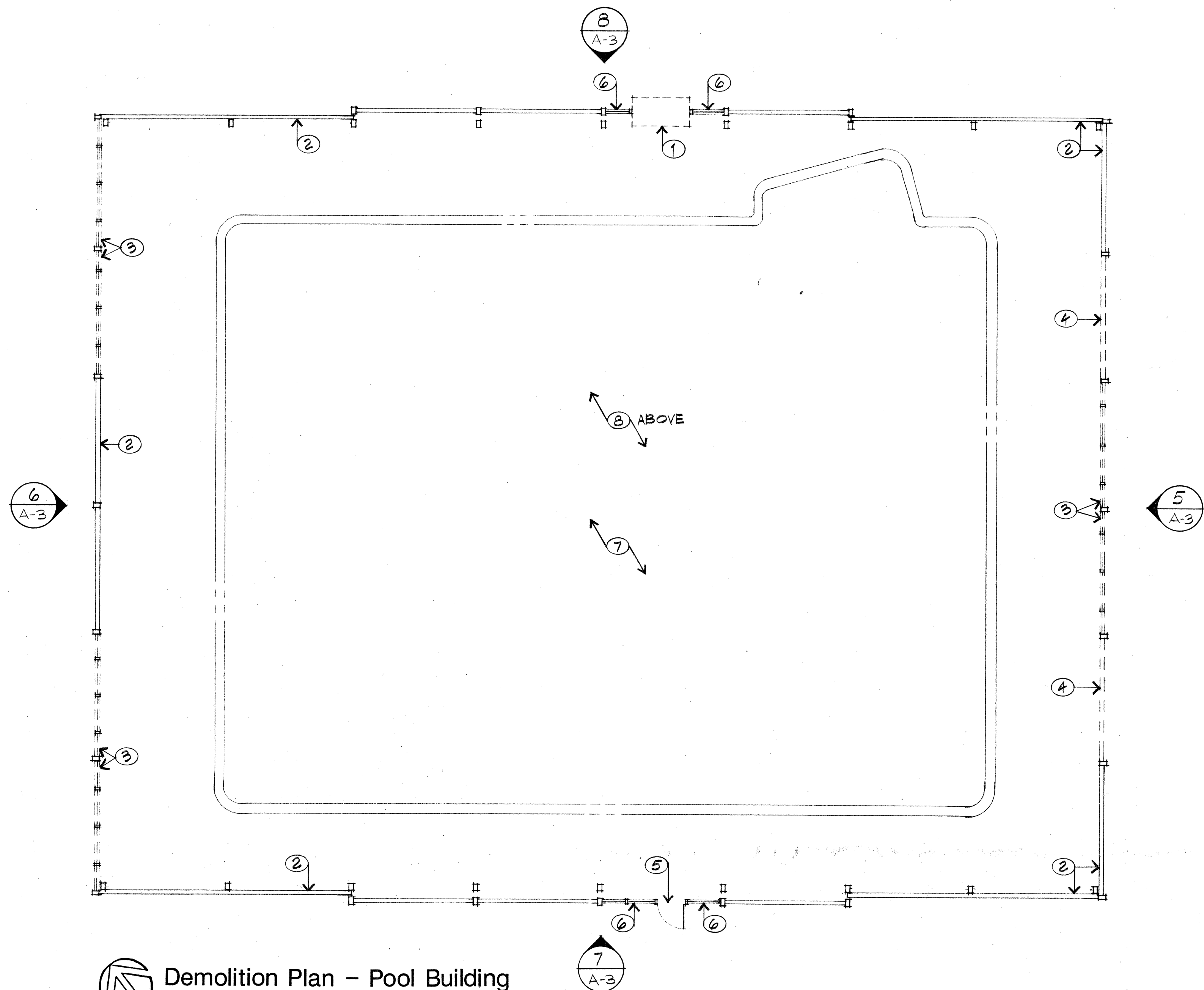


CLASS I CONSTRUCTION

no.	date	revision
dekker & associates architects/engineers/planners 600 First St. N.W., East Wing Albuquerque, N.M. 87102 505/247-2888		
Los Altos Pool Renovation Parks & Recreation City of Albuquerque		
Structural Details		
		job no. 88008.02 dwn. by ckd. by issued 1/30/89 sheet S-2 3 of 12

Keyed Notes

- Concrete ramp to be removed by owner.
- Remove and salvage for reuse existing 8'-0" approx. high metal liner panels.
- Remove and dispose of existing 2" X 4" steel tube window wall, glazing, and aluminum window frames between 6" X 8" columns to sloping 3" X 8" steel tube above. Grind connections to existing construction smooth and prime paint prior to installation of new construction.
- Remove existing girts and steel siding as required to accept new o.h. door, salvage steel siding for reuse.
- Remove existing door and hardware, grind connections to existing construction smooth and prime paint prior to installation of new construction.
- Remove all rust and non-adhering paint from existing 2" X 4" steel tube window wall and prime paint prior to finish painting.
- Cover entire pool to prevent any loose debris from entering pool. Clean covering periodically as required. Protect thru-out construction.
- Refer to architectural roof plan for roof framing to be removed. Refer to mechanical and electrical sheets for utility lines and equipment to be removed, typical throughout.



Demolition Plan - Pool Building

1/8" = 1'-0"

CLASS I CONSTRUCTION

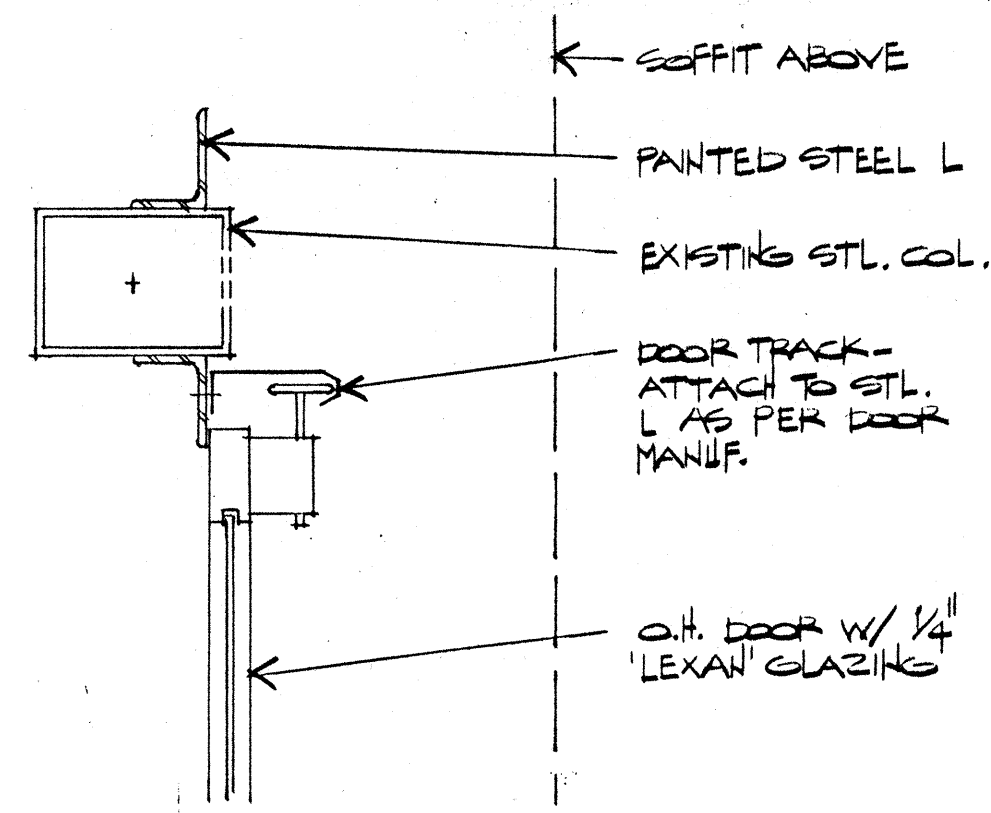
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dekker & associates
architects/engineers/planners
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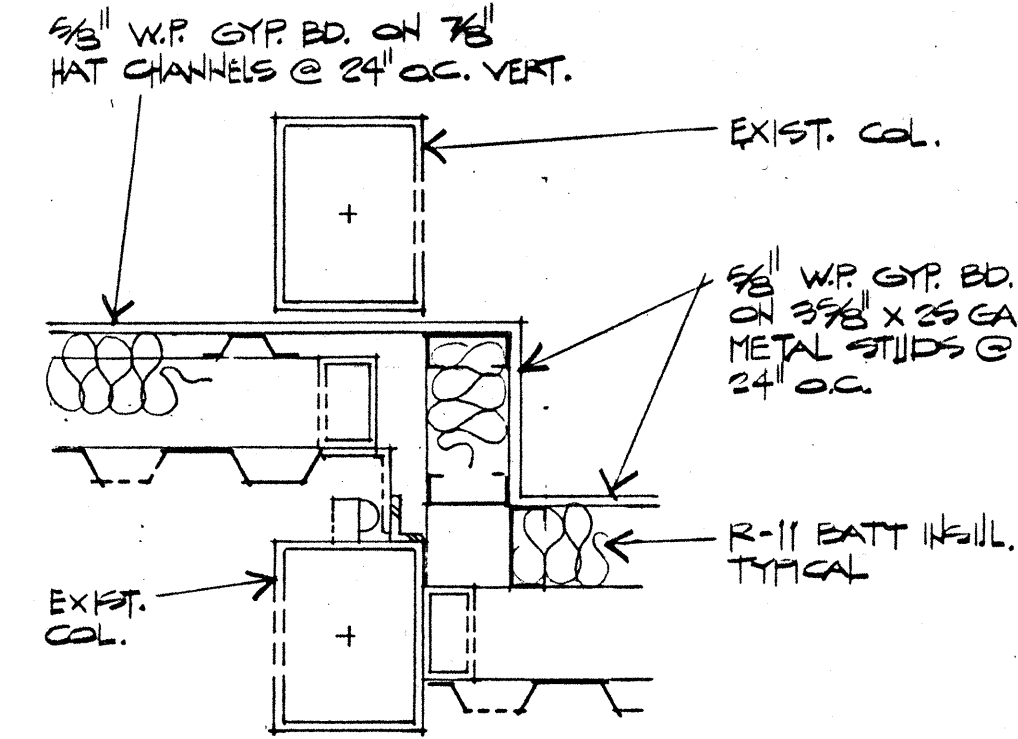
Los Altos Pool Renovation
Parks & Recreation
City of Albuquerque

Demolition Plan - Pool

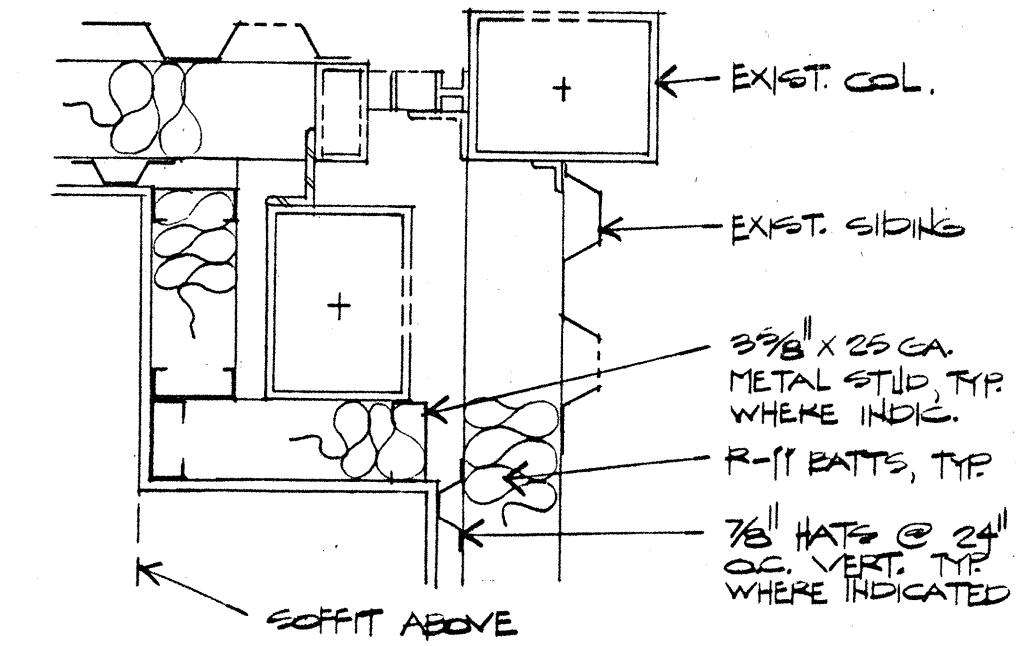
job no.	88008.02
dm. by	
ckd. by	
issued	1/20/89
sheet	A-1
	4 of 12



3 O.H. Door Jamb
1/2" = 1'-0"



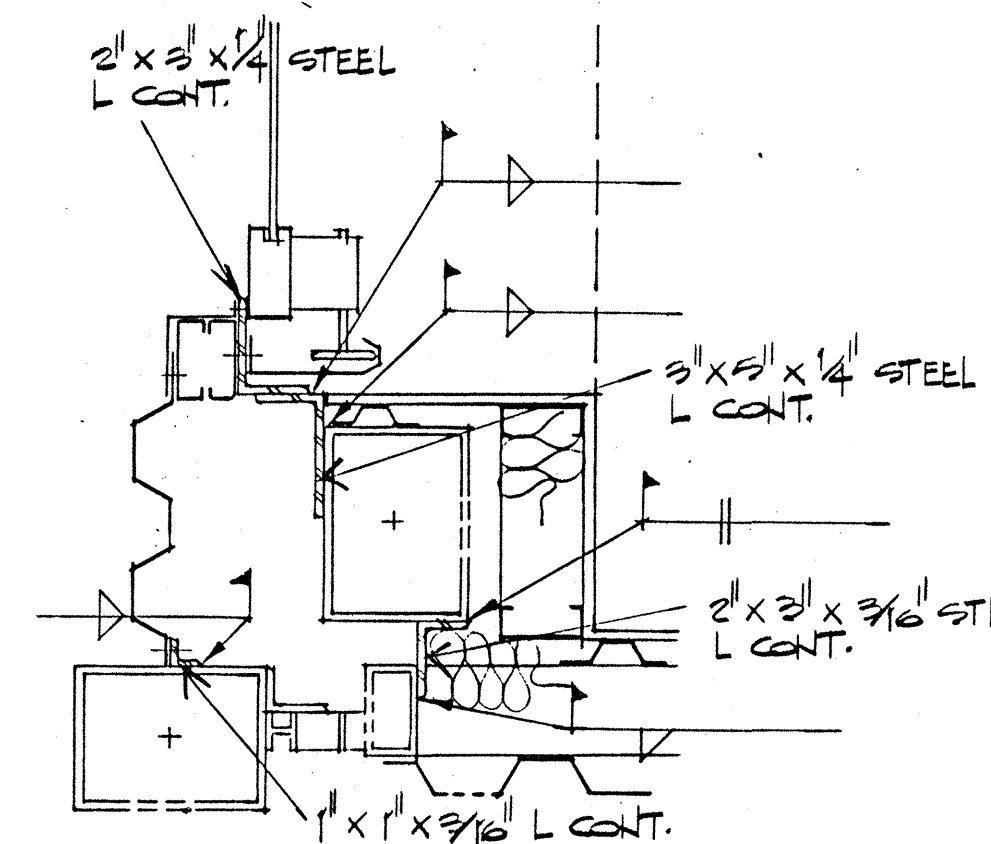
2 Framing @ Jog
1/2" = 1'-0"



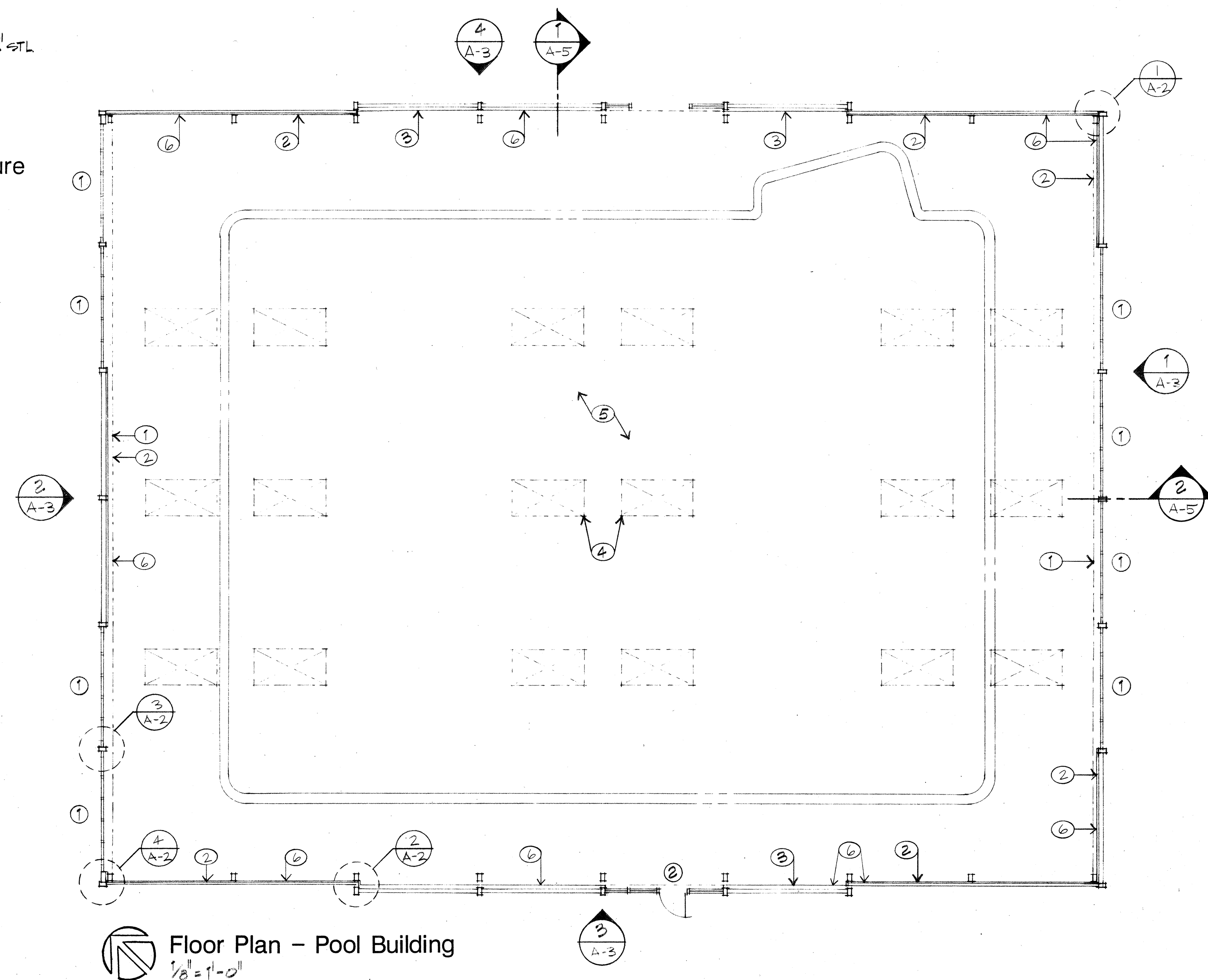
1 Corner Framing
1/2" = 1'-0"

Keyed Notes

1. Refer to section for gyp. bd. soffit around steel joist above.
2. 5/8" tape & bed only W.R. gyp. bd. on 7/8" hat channels at 16" o.c. vertical on existing steel girts with R-11 batt insulation.
3. 5/8" tape and bed only W.R. gyp. bd. on 3-5/8" metal studs at 2'-0" o.c. vertical with R-11 batt insulation.
4. 4'-0" X 8'-0" skylight above.
5. Cover and protect pool and deck thru-out construction.
6. Ceramic tile wainscoat to 4'-0" a.f.f. - alternate #2.



4 O.H. Door Jamb & Closure
1/2" = 1'-0"



Floor Plan - Pool Building
1/8" = 1'-0"

CLASS I CONSTRUCTION

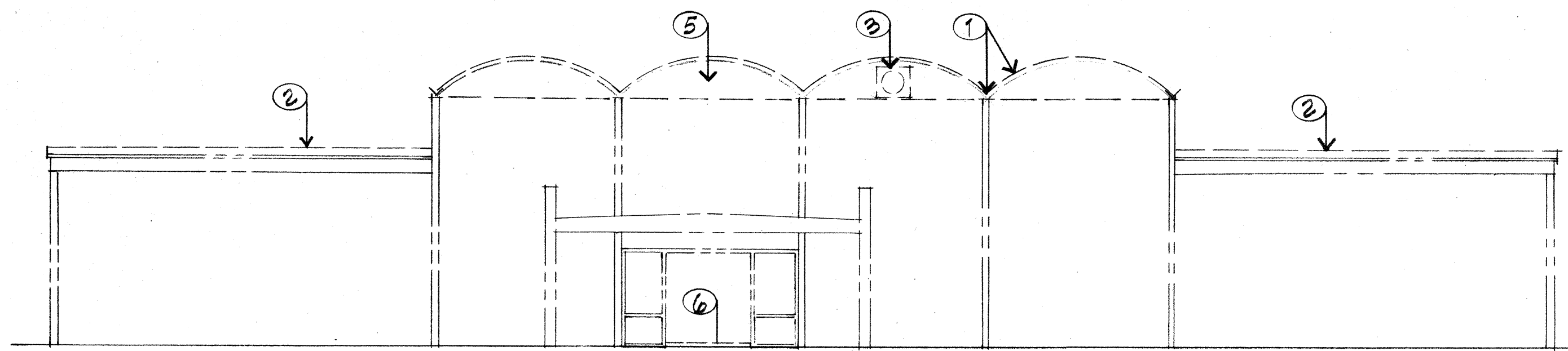
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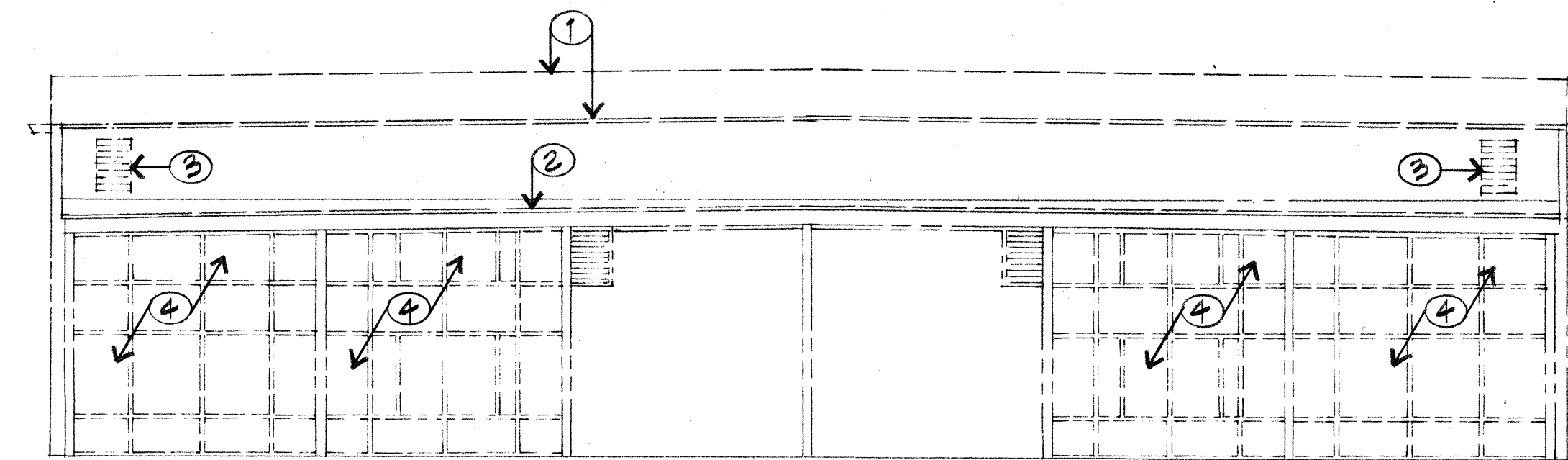
Los Altos Pool Renovation
Parks & Recreation
City of Albuquerque

Floor Plan - Pool

job no.	8800802
dm. by	
ckd. by	
issued	1/20/89
sheet	A-2
	5 of 12



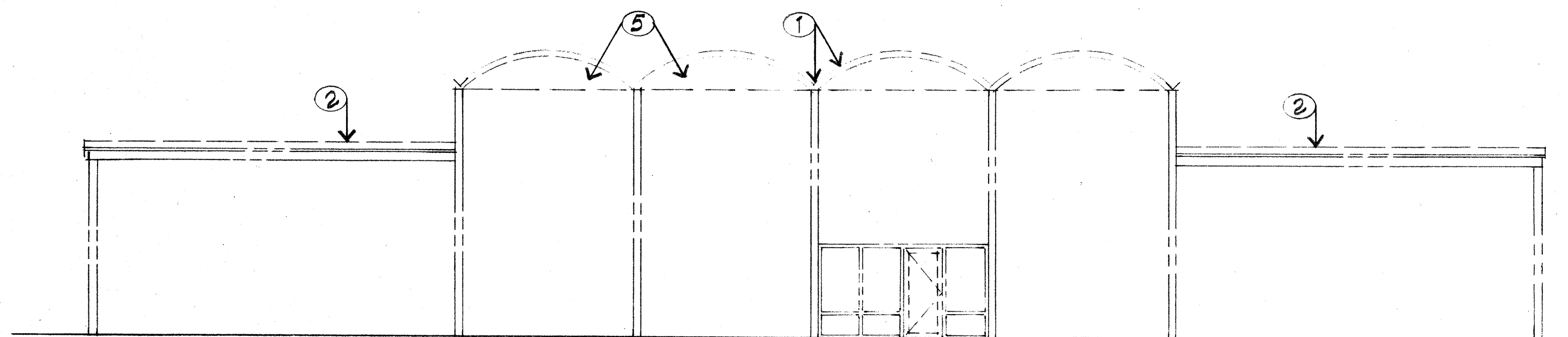
8 North Elevation - Demolition
1/8" = 1'-0"



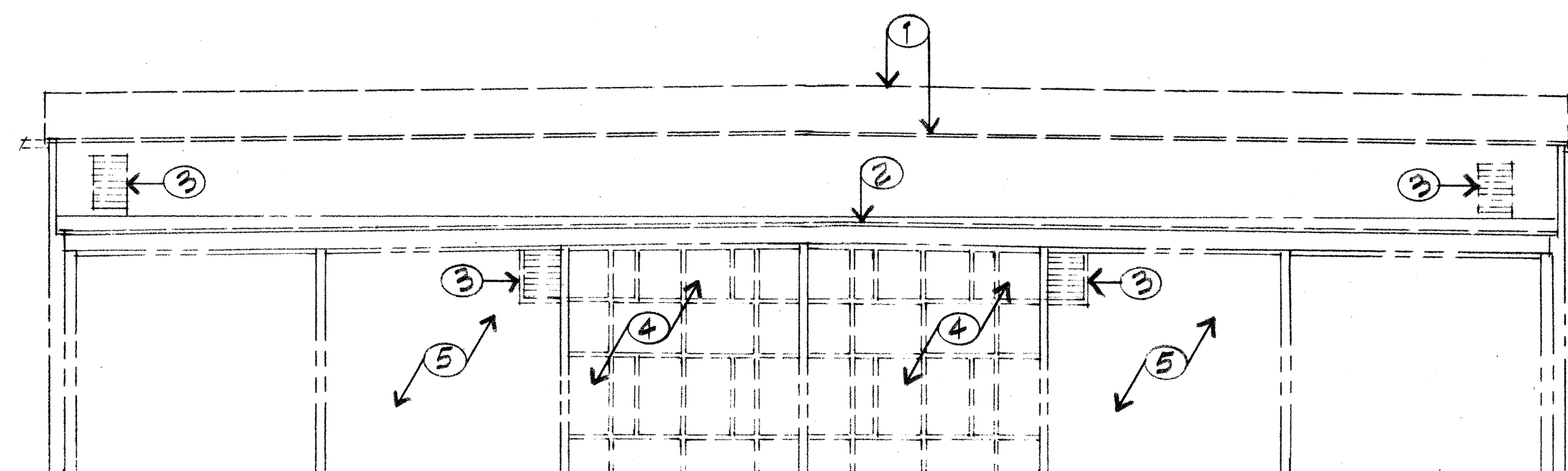
6 West Elevation - Demolition
1/8" = 1'-0"

Keyed Notes - Demolition Elevations

1. Remove and dispose of existing steel ribbed arches and corr. plastic translucent roofing, 1/8" steel plate canale and 4" X 4" X 1/4" steel angle cont. welded to top chord of existing trusses. Leave existing trusses, cross bracing and sway bracing intact. Repaint all steel.
2. Remove and dispose of existing steel roof deck and purlins. Leave existing trusses, cross bracing, sway bracing, and 10" fascia channel intact. Repaint all steel.
3. Remove louver and fan.
4. Remove and dispose of existing 2" X 4" steel tube window wall, glazing and aluminum window frames between 6" X 8" columns to sloping 3" X 8" steel tube above. Grind connections to existing construction smooth and prime paint prior to installation of new construction.
5. Remove existing girts and steel siding as required to accept new o.n. door, salvage steel siding for reuse.



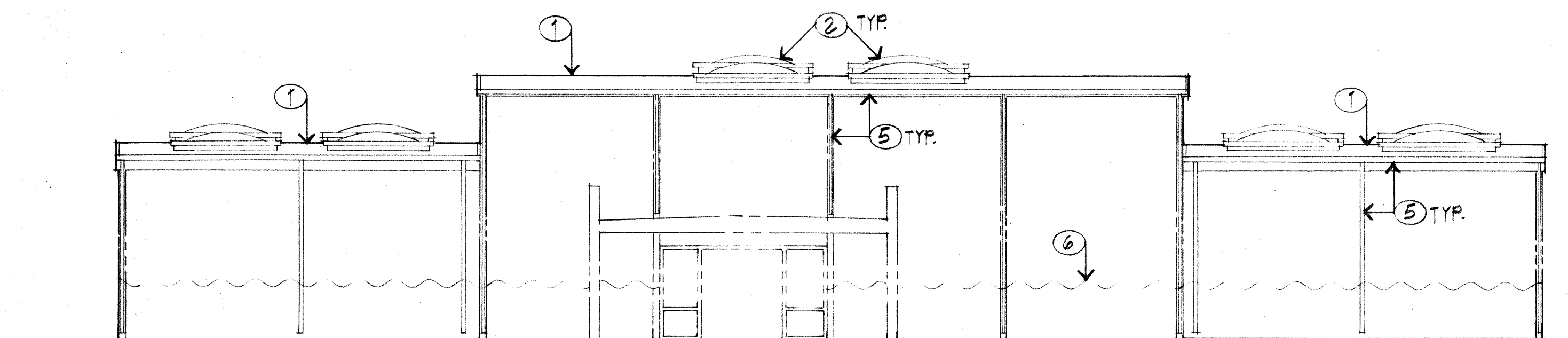
7 South Elevation - Demolition
1/8" = 1'-0"



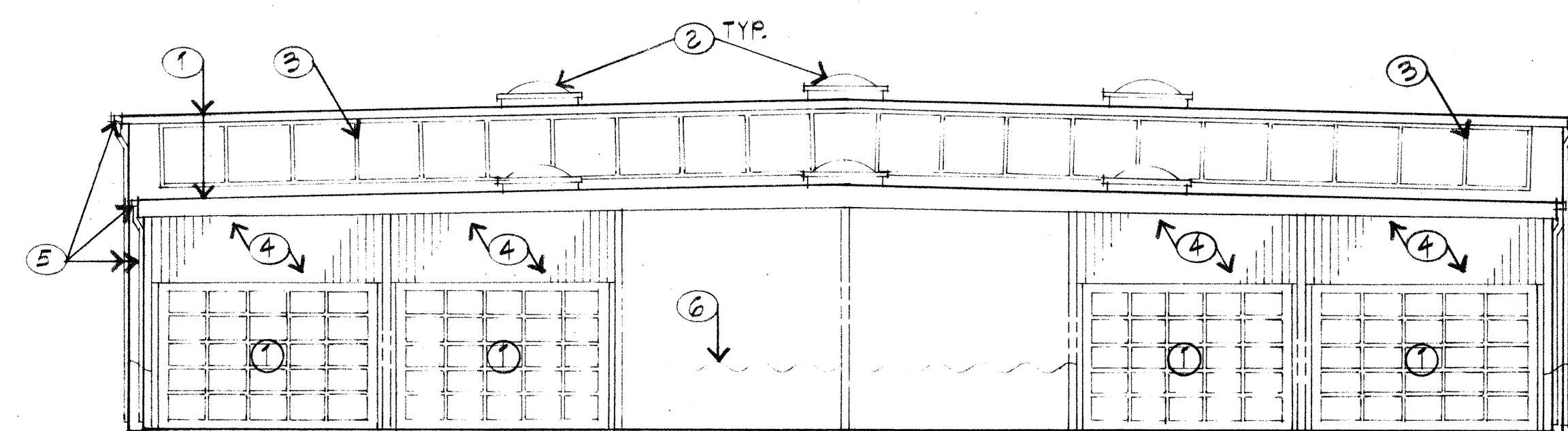
5 East Elevation - Demolition
1/8" = 1'-0"

Keyed Notes - Elevations

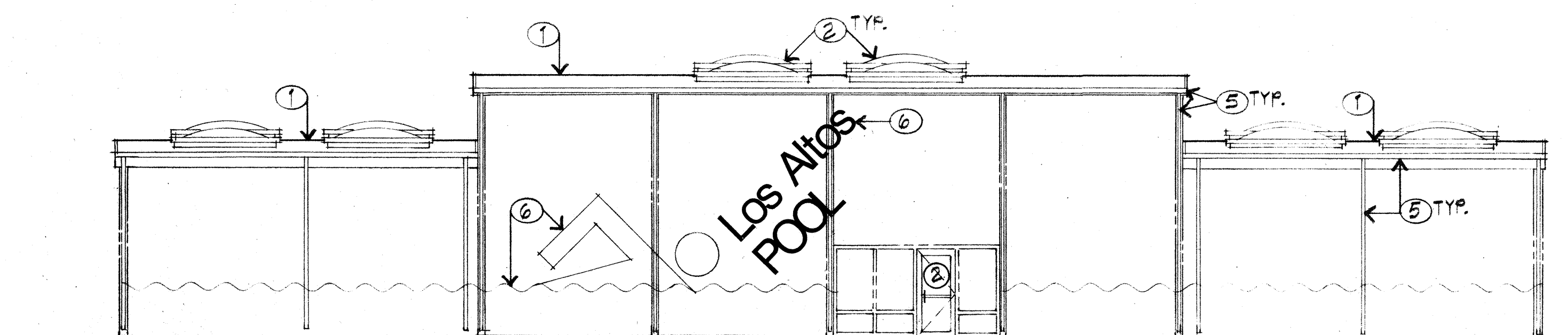
1. Built-up roofing, refer to details. Ribbed metal roofing, alternate #1.
2. 4'-0" X 8'-0" skylight.
3. Aluminum window frame with 1/4" 'Lexan' glazing.
4. Relocated steel siding (or new if required) on new steel girt system to match existing.
5. Metal gutter, flashing and downspouts.
6. Painted graphic - alternate #3.



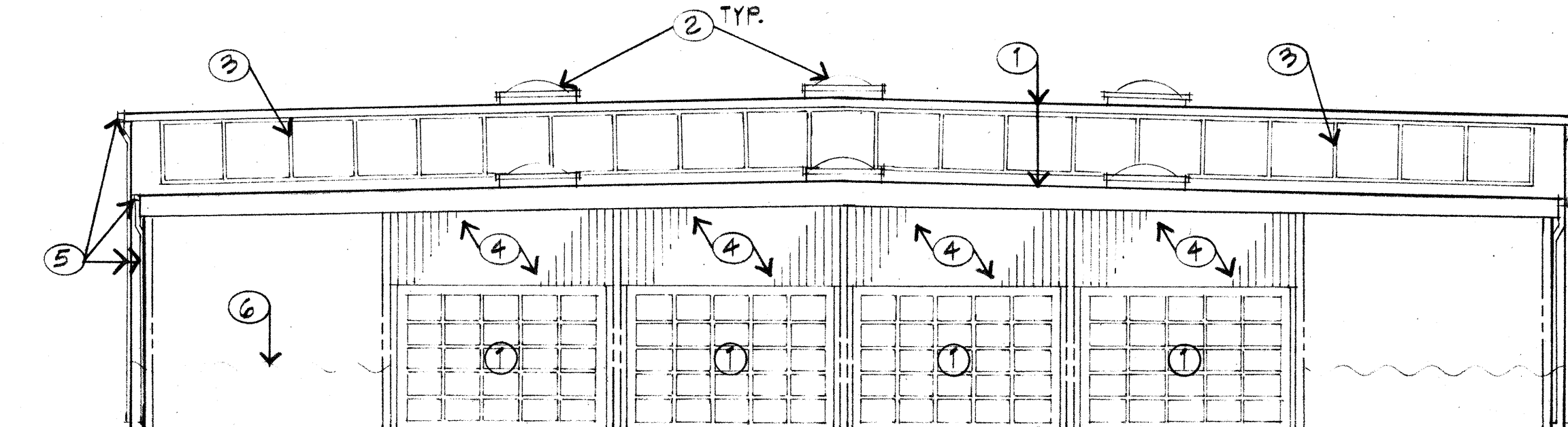
4 North Elevation
1/8" = 1'-0"



2 West Elevation
1/8" = 1'-0"



3 South Elevation
1/8" = 1'-0"



1 East Elevation
1/8" = 1'-0"

CLASS I CONSTRUCTION

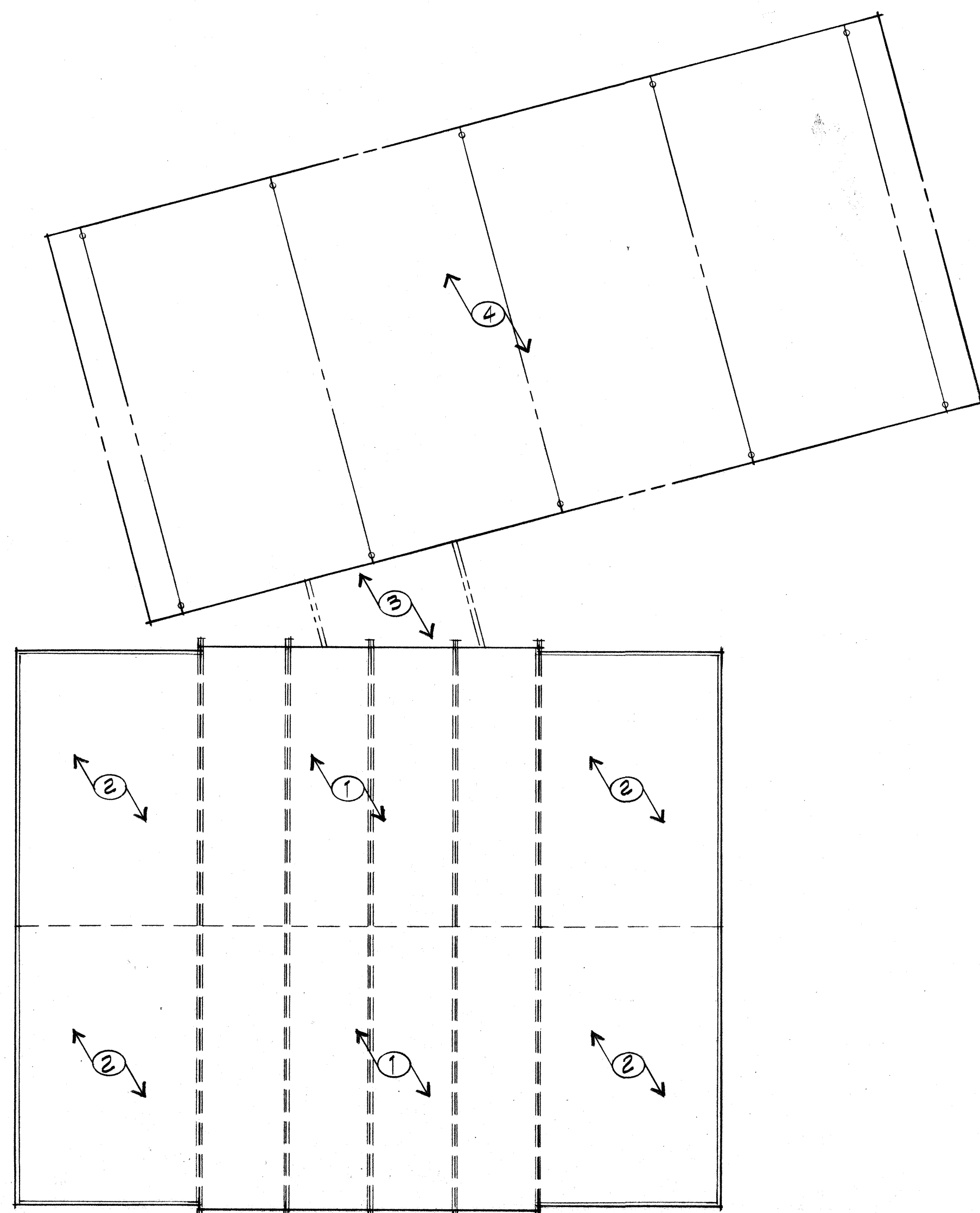
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dekker & associates architects/engineers/planners 600 First St. N.W., East Wing Albuquerque, N.M. 87102 505/247-2888		
Los Altos Pool Renovation Parks & Recreation City of Albuquerque		
Elevations		
		job no. 8808.02
		dm. by
		ckd. by
		issued 1/20/89
		sheet
		A-3
6 of 12		

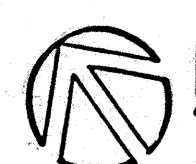
○ Keyed Notes – Demolition Roof Plan

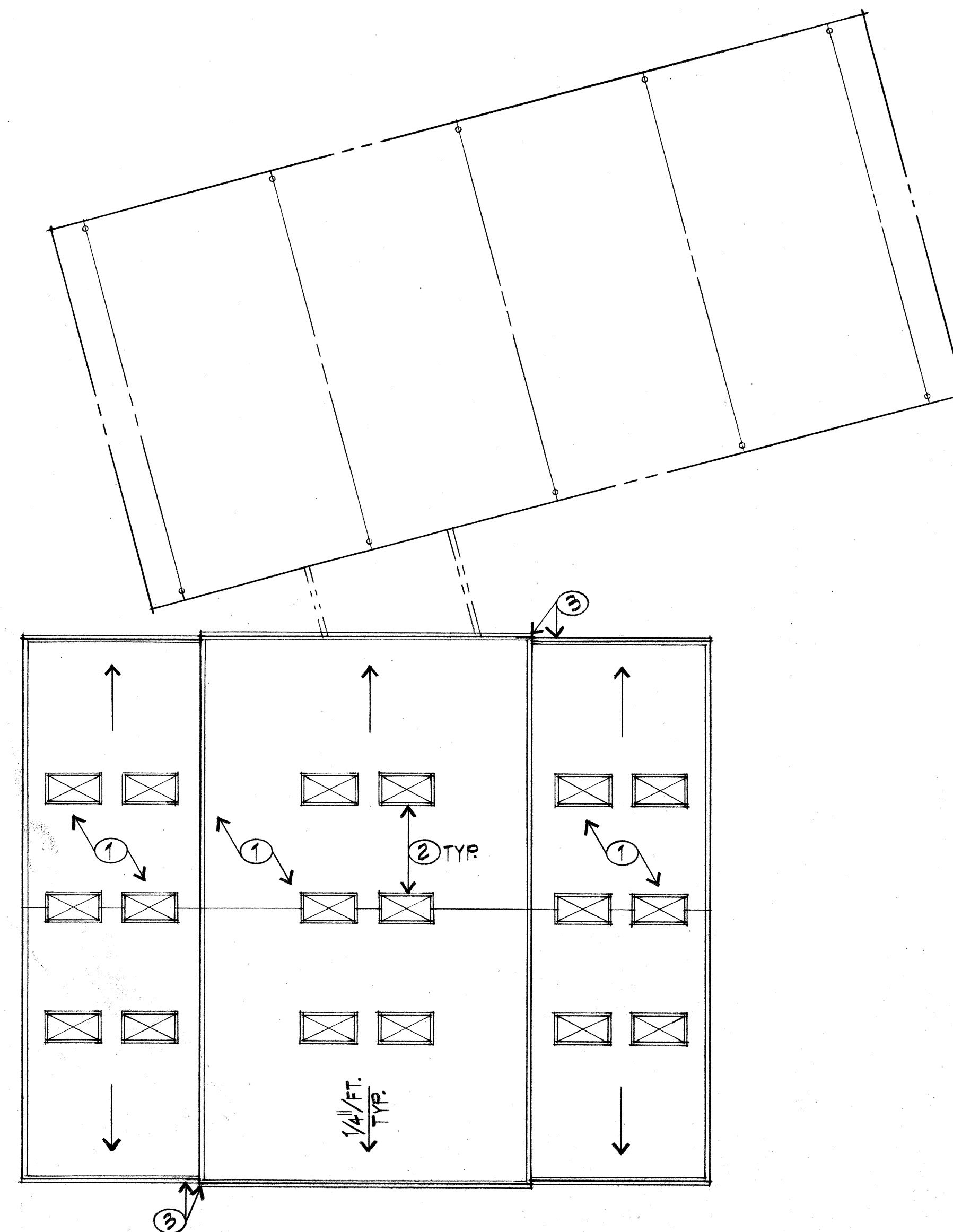
1. Remove and dispose of existing steel ribbed arches and corr. plastic translucent roofing, 1/8" steel plate canale and 4" X 4" X 1/4" steel angle cont. welded to top chord of existing trusses. Leave existing trusses, cross bracing and sway bracing intact. Repaint as per floor plan.
2. Remove and dispose of existing steel roof deck and purlins. Leave existing trusses, cross bracing, sway bracing, and 10" fascia channel intact. Repaint as per floor plan.
3. Existing vestibule roof to remain.
4. Existing bath house roof to remain.

○ Keyed Notes – Roof Plan

1. Built-up roofing, refer to details. Ribbed metal roofing, alternate #1.
2. 4'-0" X 8'-0" skylight.
3. Painted metal guttering.



 Demolition Roof Plan
1/16" = 1'-0"



 Roof Plan
1/16" = 1'-0"

CLASS I CONSTRUCTION

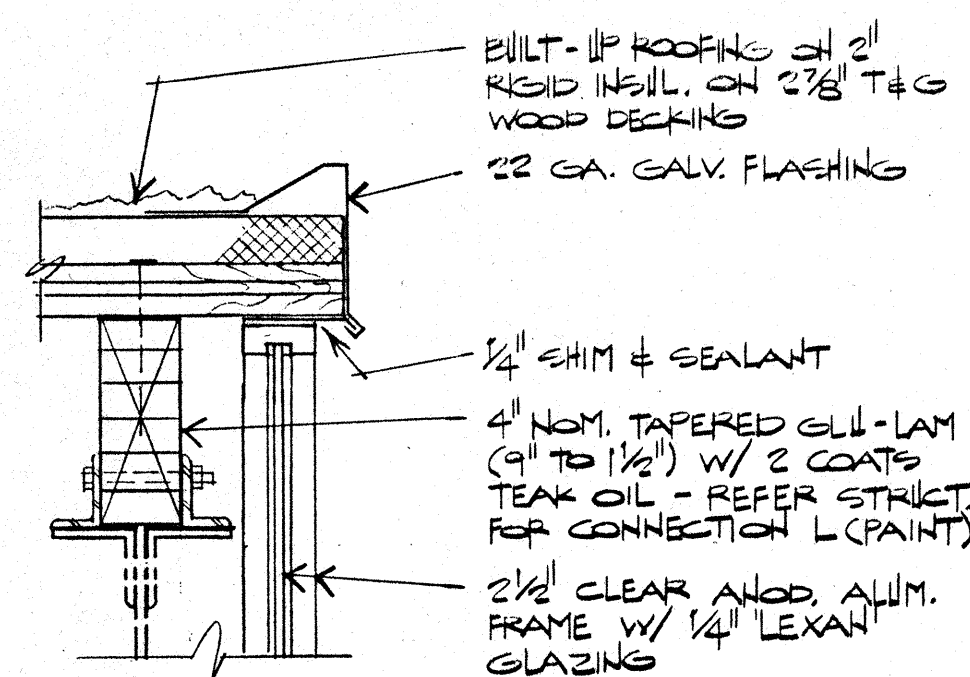
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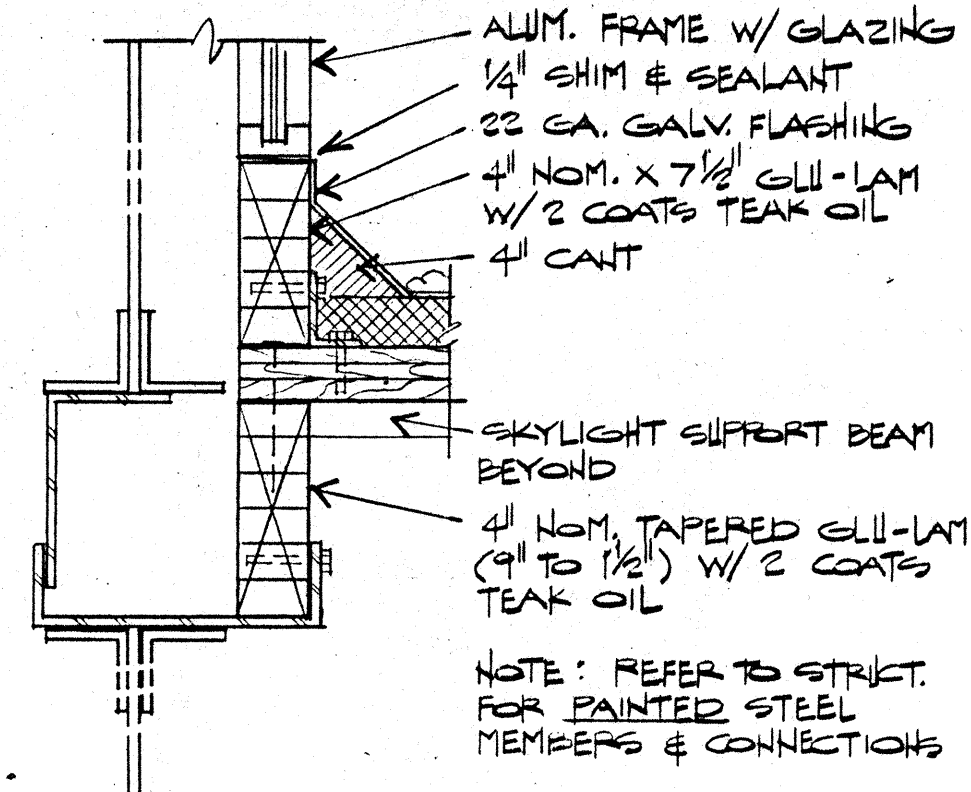
Los Altos Pool Renovation
Parks & Recreation
City of Albuquerque

Demo./Roof Plans

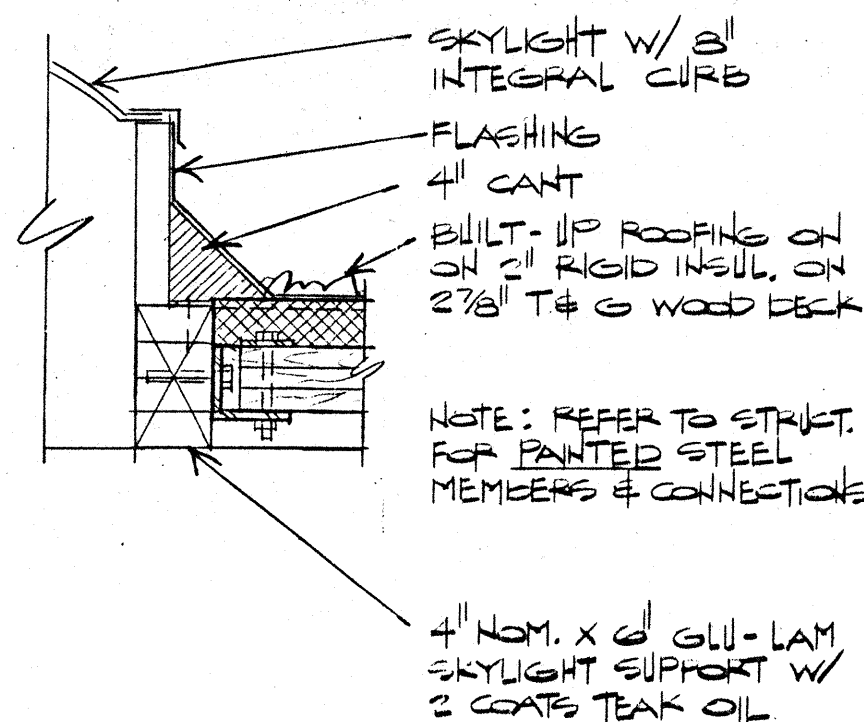
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dm. by	
ckd. by	
issued	1/30/89
sheet	A-4
	7 of 12



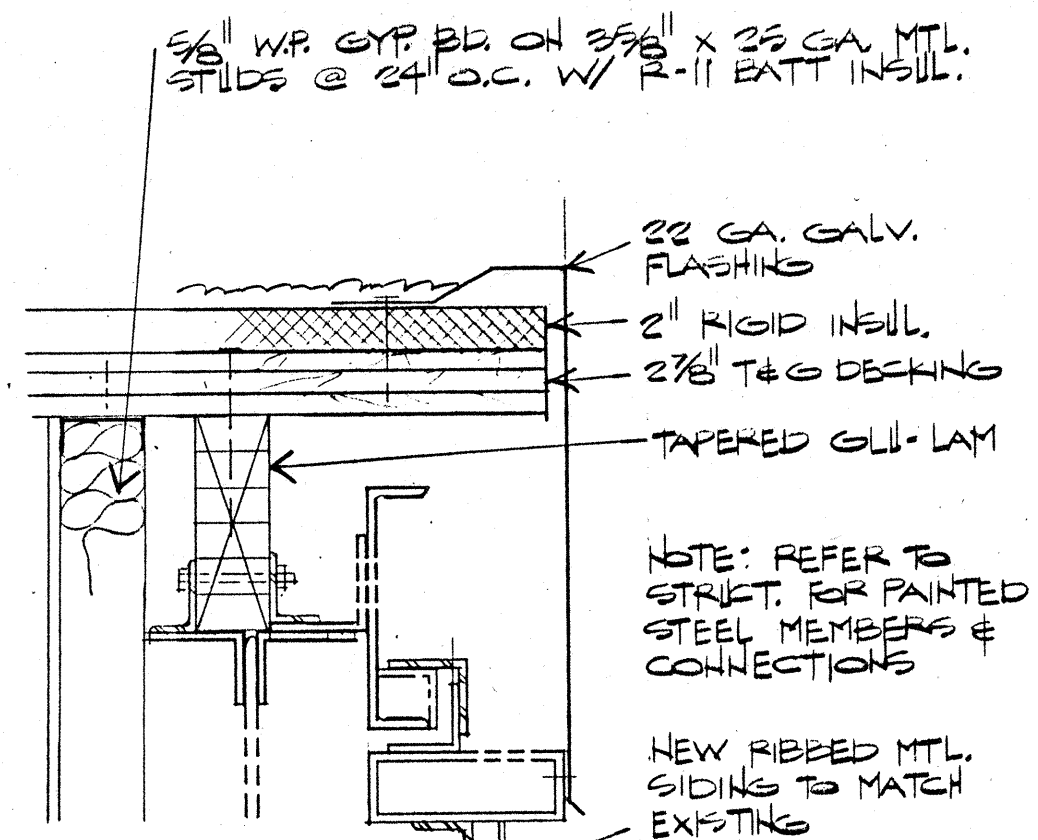
11 Clearstory Head
1/2" = 1'-0"



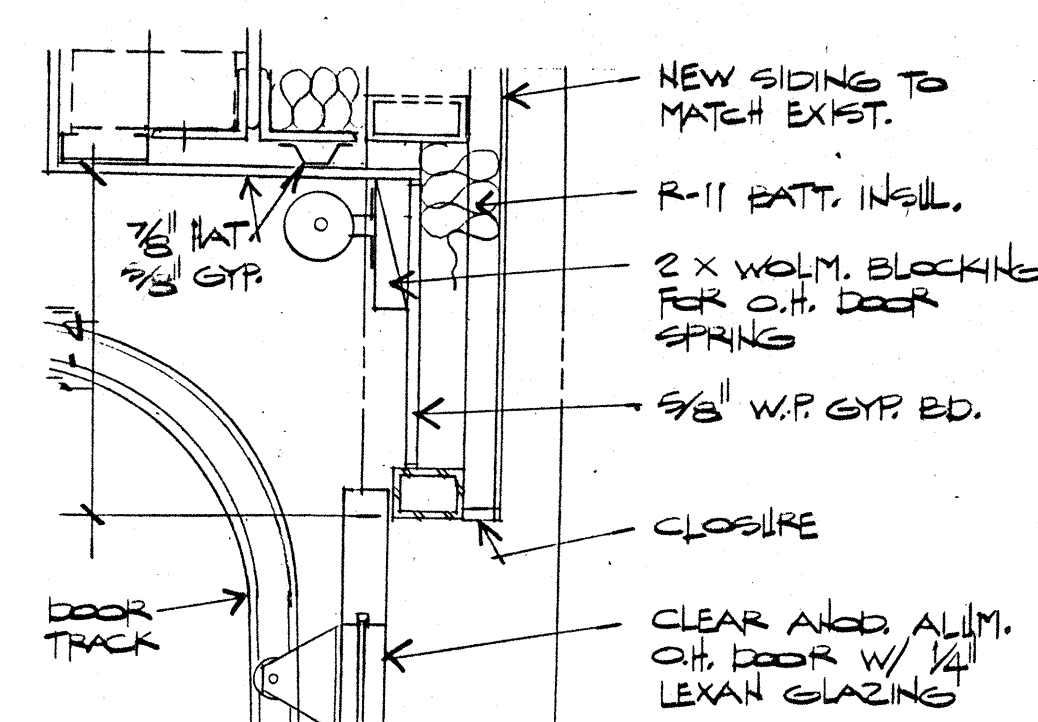
10 Clearstory Sill
1/2" = 1'-0"



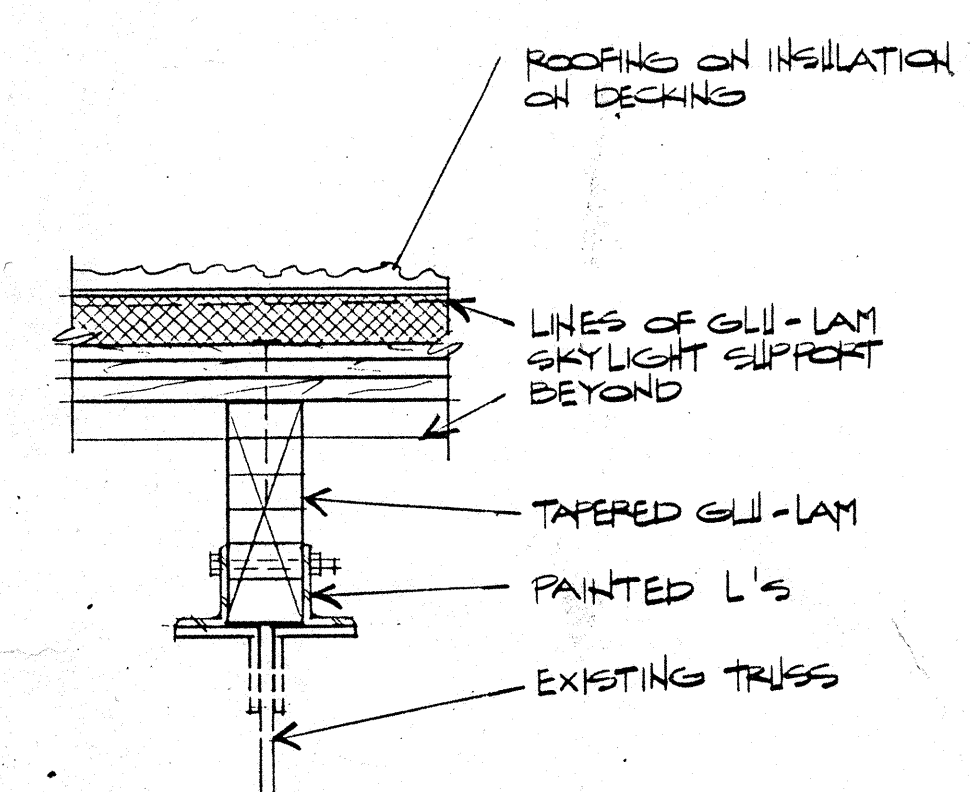
9 Skylight
1/2" = 1'-0"



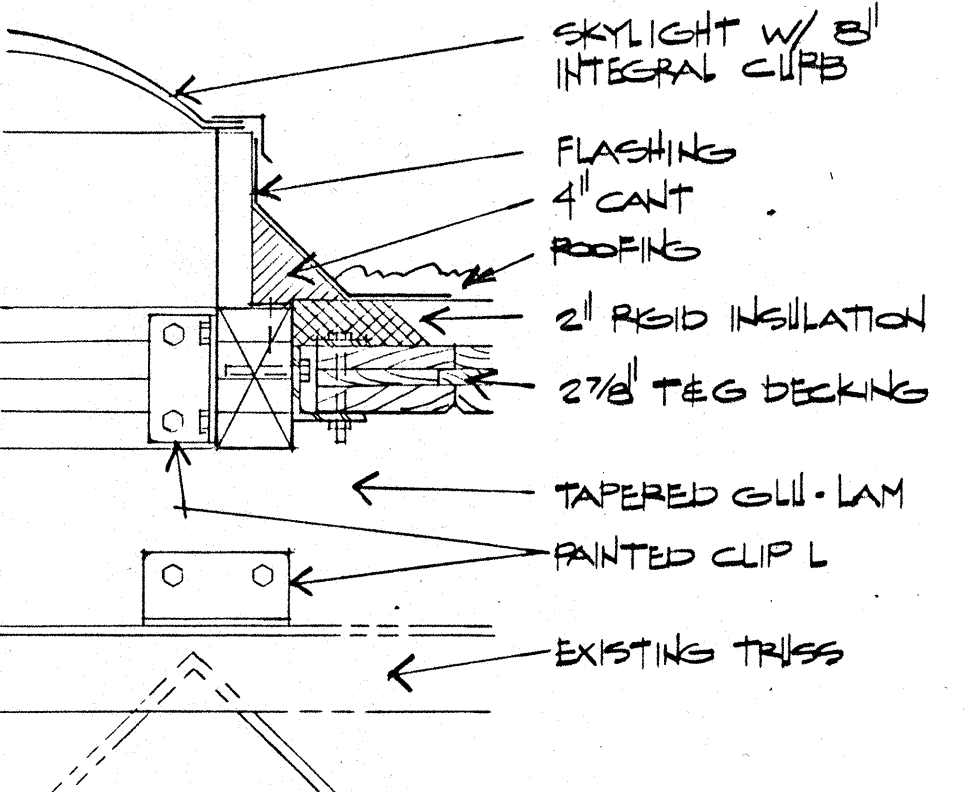
8 Fascia
1/2" = 1'-0"



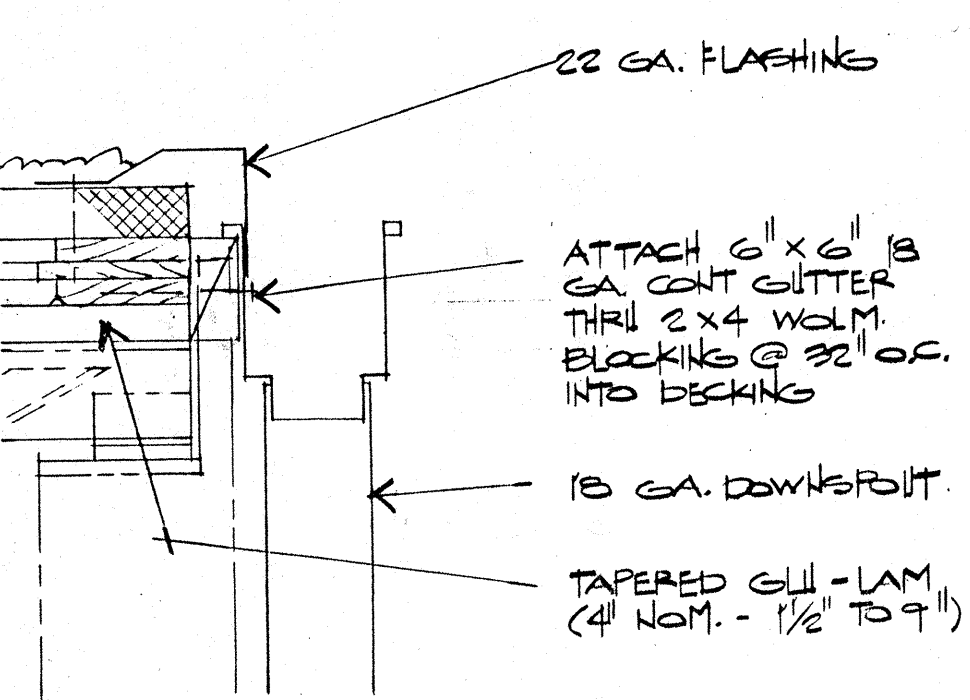
7 O.H. Door Head
1/2" = 1'-0"



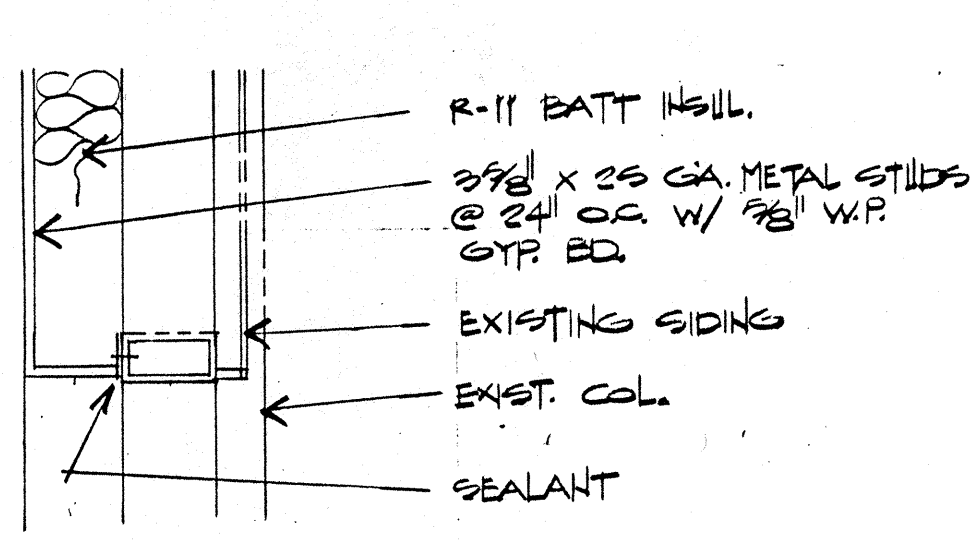
6 Tapered Glu-Lam
1/2" = 1'-0"



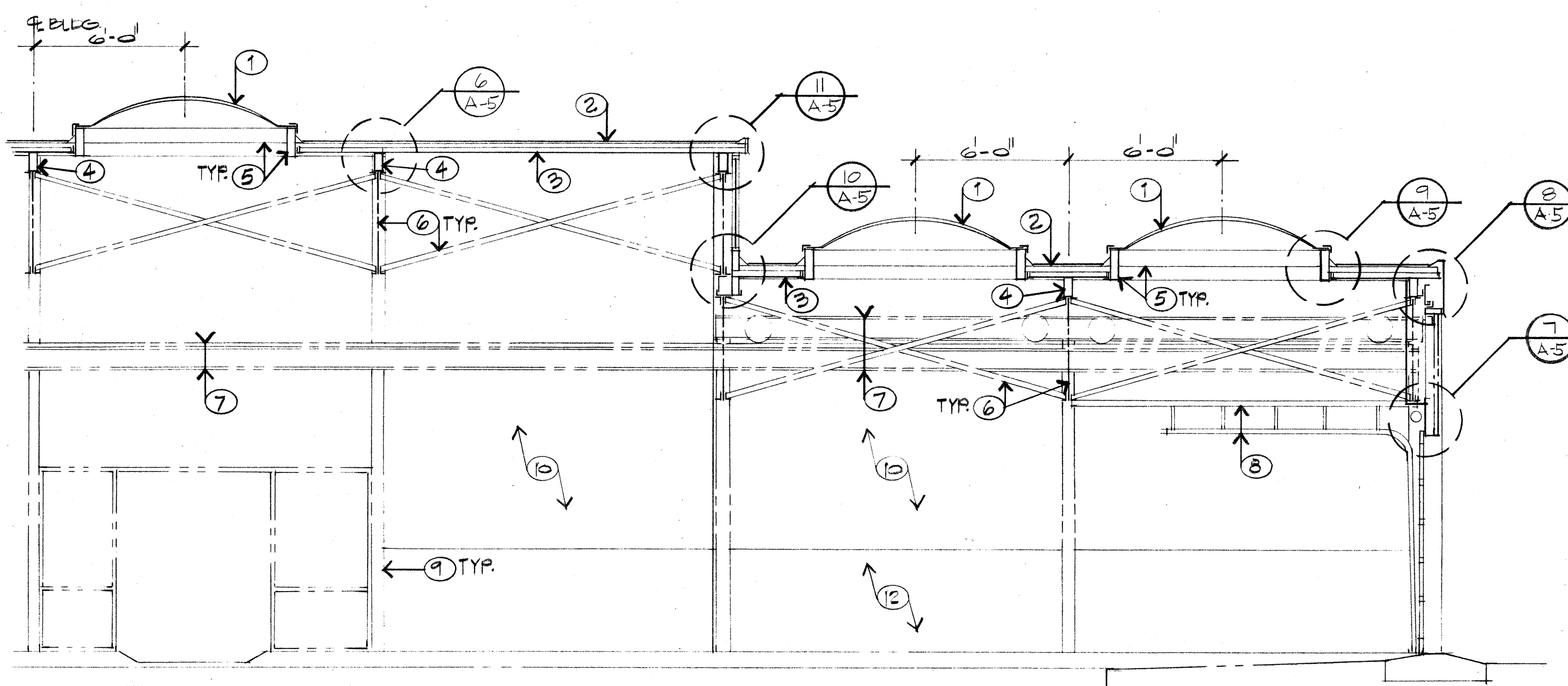
5 Skylight
1/2" = 1'-0"



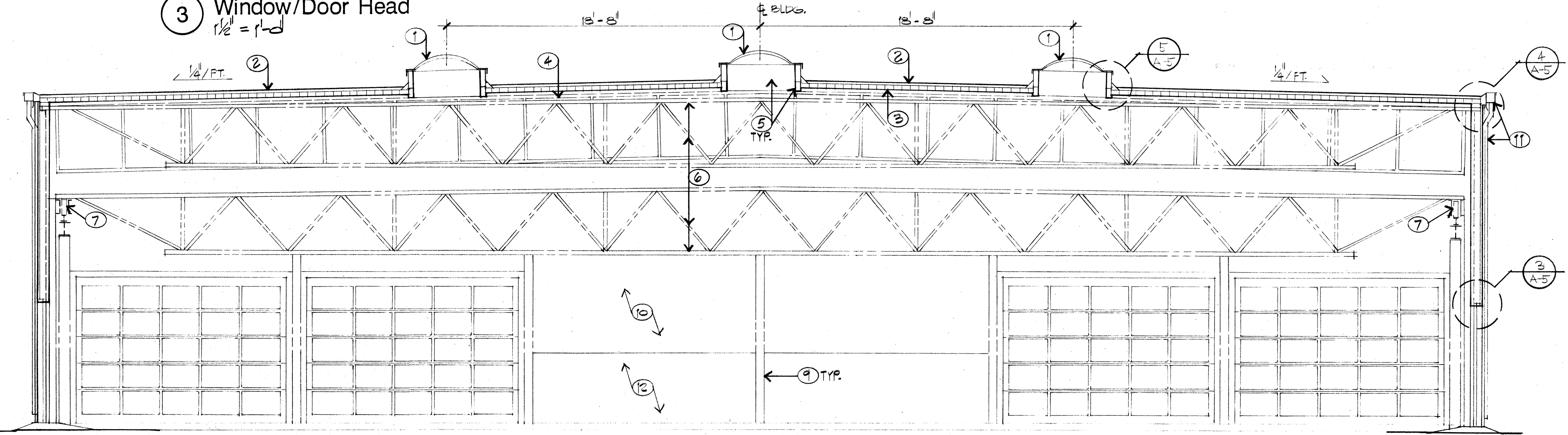
4 Guttering
1/2" = 1'-0"



3 Window/Door Head
1/2" = 1'-0"



2 Section
1/4" = 1'-0"



1 Section
1/4" = 1'-0"

○ Keyed Notes

- 4'-0" X 8'-0" skylight.
- Built-up roofing on rigid insulation on wood decking. Ribbed metal roofing, alternate #1.
- Coat exposed wood decking with 2 coats of linseed oil.
- Coat tapered glu-lam with 2 coats of teak oil.
- 4" nominal wood glu-lam skylight support, finish with 2 coats teak oil.
- Remove all rust and non-adhering paint from existing trusses and crossbracing, repaint.
- Remove all rust and non-adhering paint from existing steel beams and rails which are left exposed, repaint.
- Overhead door track and support.
- Remove all rust and non-adhering paint from existing steel columns, repaint.
- Take and bed only 5/8" W.R. gyp. bd..
- Painted metal guttering and downspouts.
- Ceramic tile wainscoat to 4'-0" a.f.f. - alternate # 2.

CLASS I CONSTRUCTION

no.	date	revision

dekker & associates
architects/engineers/planners
600 First St. N.W., East Wing Albuquerque, N.M. 87102 505/247-2888

Los Altos Pool Renovation
Parks & Recreation
City of Albuquerque

Section/Details

job no.	88008.02
drn. by	
ckd. by	
issued	1/20/89
sheet	A-5
	B of 12

EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION
MAKE-UP AIR UNIT: PACKAGED ROOFTOP FURNACE COMPLETE WITH CABINET, BLOWER, HEATING SECTION, AND CONTROLS, 100% OUTSIDE AIR INTAKE, HOOD WITH BIRDSCREEN. CABINET SHALL BE ZINC GRIP STEEL WITH A FACTORY APPLIED BAKED ENAMEL FINISH. ALL WEATHERTIGHT CONSTRUCTION WITH ACCESS PANELS TO ALL SECTIONS. THE AIR HANDLING BLOWER SHALL BE A FORWARD CURVED CENTRIFUGAL FAN, STATICALLY BALANCED. THE HEATING SECTION SHALL HAVE A 409 STAINLESS STEEL HEAT EXCHANGER AND BE COMPLETE WITH THROWAWAY FILTERS (FARR TYPE 30/30 OR EQUAL), 24 VOLT CONTROL TRANSFORMER WITH 100% GAS SHUT-OFF, MOTOR STARTER, AND WITH THE INTERNAL CABINET INSULATED. FURNISH WITH ELECTRONIC MODULATION INCLUDING DUCTSTAT SET FOR 70 DEGREES DISCHARGE TEMPERATURE (ADJUSTABLE), AND MAKE-UP AIR OPTION "B" FOR MAKE-UP AIR APPLICATIONS. REZNOR MODEL NUMBERS OR APPROVED EQUAL. HEATING OUTPUT BASED ON 5500 FT. ELEVATION.	
SYMBOL	MODEL NUMBER BTUH INPUT BTUH OUTPUT CFM @ "E.S.P. H.P. VOLTAGE FLA
MA-1	RPBE-225 225,000 135,135 2000 @ 0.3" 3/4 120/1 13.8
MA-2	RPBE-225 225,000 135,135 2000 @ 0.3" 3/4 120/1 13.8
MA-3	RPBE-350 350,000 210,210 2335 @ 0.3" 1 230/1 8.0

RELIEF FAN: ROOFTOP, LOW SILHOUETTE, POWER RELIEF AIR EXHAUSTER, WITH HEAVY GAUGE ALUMINUM HOOD, HOUSING, AND PROPELLER, HEAVY DUTY STEEL MOTOR SUPPORT AND REINFORCED HOOD. MOTOR SHALL BE HEAVY DUTY TYPE WITH SEALED BALL BEARINGS, AND BELT DRIVEN WITH ADJUSTABLE CAST IRON SHEAVES. HOOD SHALL BE HINGED FOR ACCESS. FURNISH WITH BIRDSCREEN, DISCONNECT SWITCH, BACKDRAFT DAMPER, MOUNTING CURB, AND BAKED ON ENAMEL FINISH. MODEL NUMBERS ARE ACME OR EQUAL.

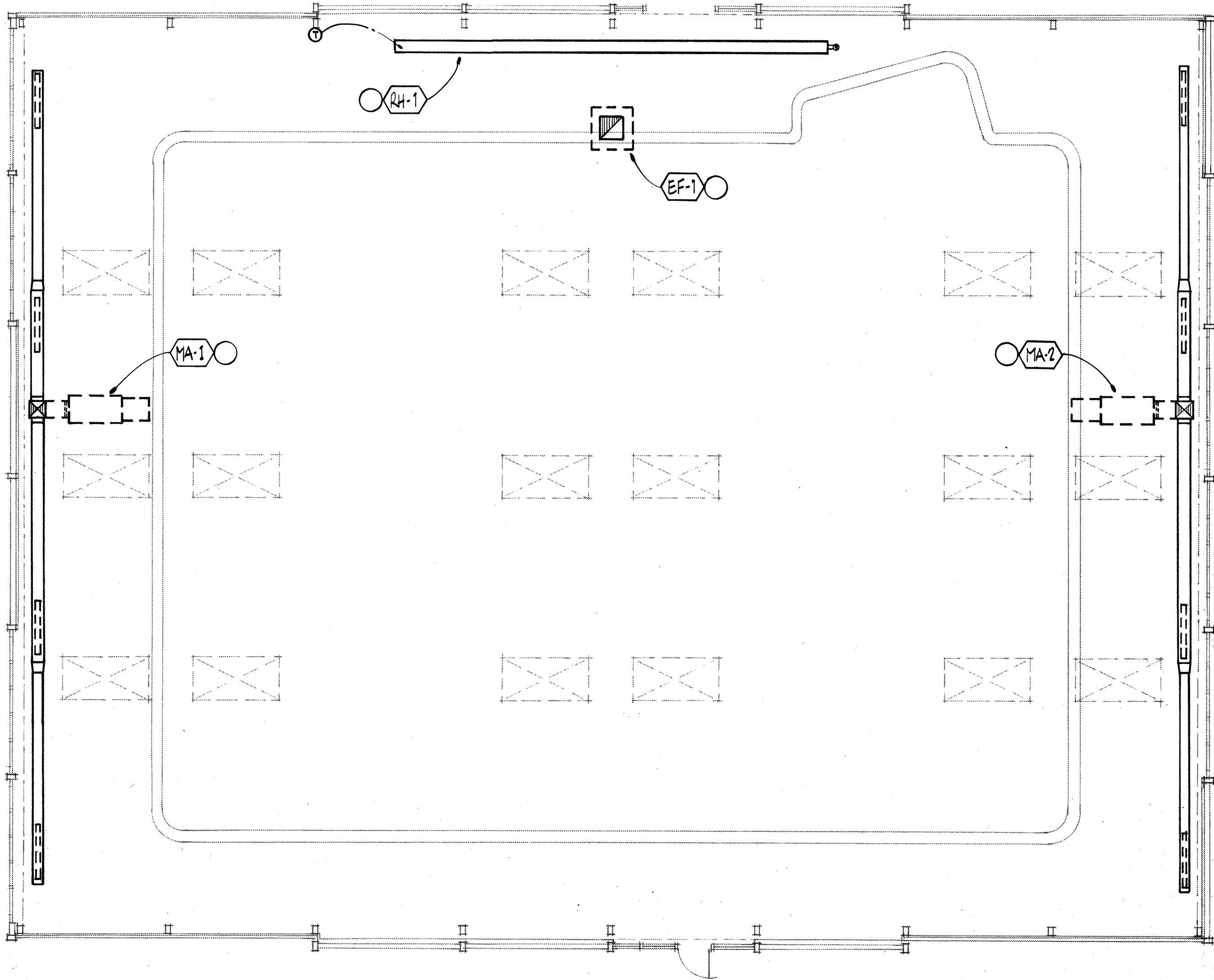
SYMBOL	MODEL NO.	CFM @ "E.S.P.	H.P.	VOLTAGE	ROOF OPENING
EF-1	FL245H	4800 @ 0.25"	3/4	120/1	26" X 26"

EXHAUST FAN: CENTRIFUGAL ROOF EXHAUSTER COMPLETE WITH BLOWER, HOUSING, BACKDRAFT DAMPER, BIRDSCREEN, AND PREFABRICATED MOUNTING CURB. UNIT SHALL HAVE A SPUN ALUMINUM HOUSING, ALUMINUM CURB CAP WITH STAINLESS STEEL FASTENINGS, VIBRATION ISOLATORS, NON-OVERLOADING ALL ALUMINUM BLOWER WHEEL WITH HUB DYNAMICALLY AND STATICALLY BALANCED, EXTERNAL WIRING POST, COMPLETELY FACTORY ASSEMBLED AND WIRED TO JUNCTION BOX. BELT DRIVE UNITS SHALL HAVE VARIABLE PITCH MOTOR PULLEYS. ACME MODEL NUMBERS OR APPROVED EQUAL.

SYMBOL	MODEL NUMBER	CFM	"E.S.P.	H.P.	VOLTAGE	DRIVE
EF-2	PN-135E	1370	0.25"	1/4	120/1	BELT
EF-3	PN-135E	1370	0.25"	1/4	120/1	BELT

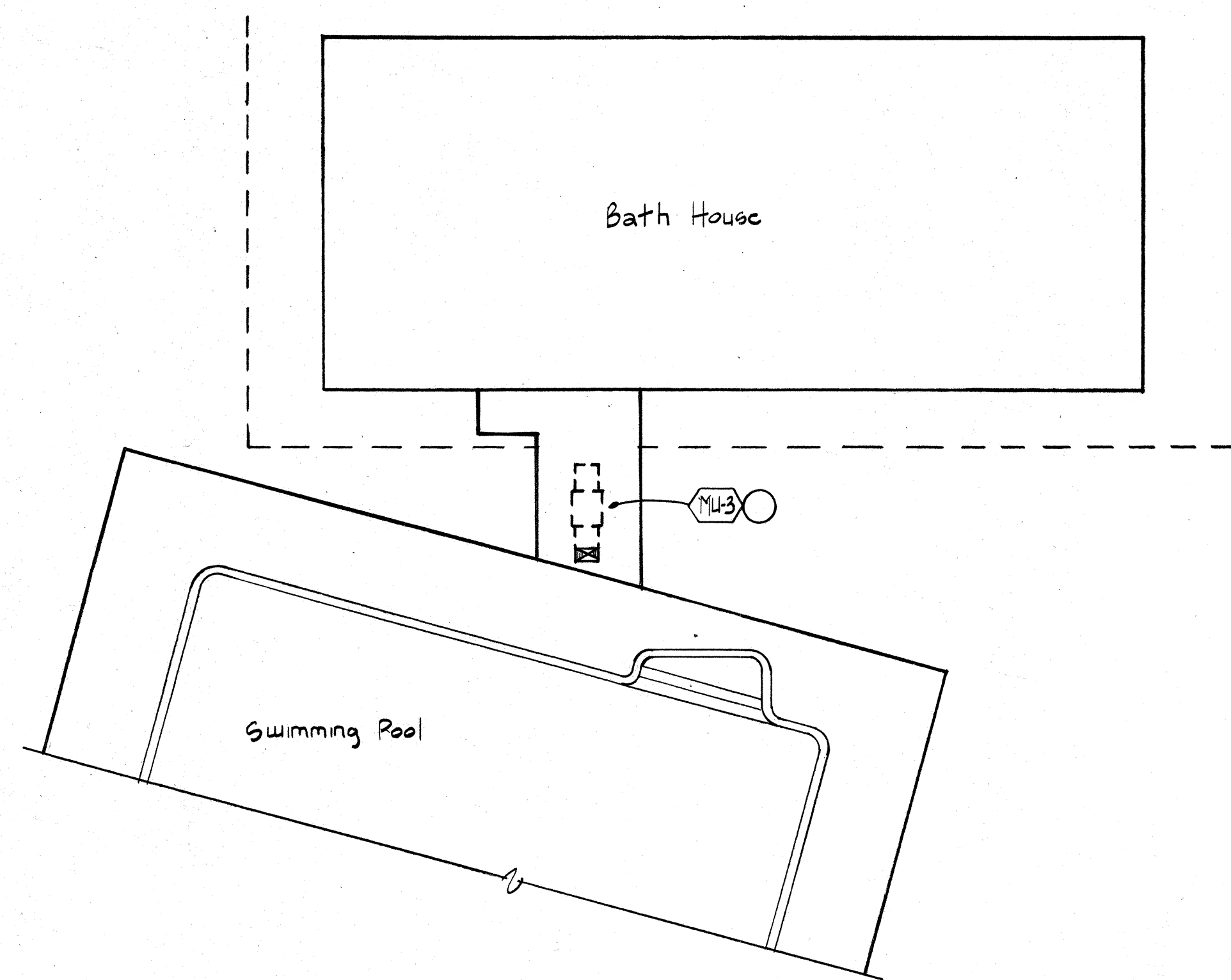
RADIANT HEATING SYSTEM: THE HEATING SYSTEM SHALL BE A COMPLETE MANUFACTURED SYSTEM WITH CONTROLS, BURNERS, RADIANT PIPE, HANGERS, REFLECTORS, AND BE CERTIFIED BY A.G.A. THE HEATERS SHALL BE EQUIPPED WITH A DIRECT, 100% SHUT-OFF, IGNITION CONTROL SYSTEM AND SHALL INCLUDE DIFFERENTIAL PRESSURE SWITCHES. THE RADIANT TUBE ASSEMBLY SHALL BE CONSTRUCTED OF 16 GAUGE ALUMINIZED STEEL, 4" O.D., WITH A SIGHT GLASS. HEATERS SHALL OPERATE IN ANY POSITION FROM HORIZONTAL TO 45 DEGREES FROM HORIZ. FURNISH COMPLETE WITH ONE YEAR WARRANTY, ALL MOUNTING HARDWARE, AND WITH SPACE THERMOSTAT. 120 VOLTS, 4.8 STARTING AMPS. MANUFACTURER'S REPRESENTATIVE SHALL SUPERVISE THE INSTALLATION AND START-UP. DETROIT RADIANT MODEL NUMBERS OR APPROVED EQUAL.

SYMBOL	MODEL NUMBER	BTUH INPUT	LENGTH	RADIANT AREA	WEIGHT
RAD-1	DTHS-40N	40,000	40'-11"	42 SQ.FT.	155#

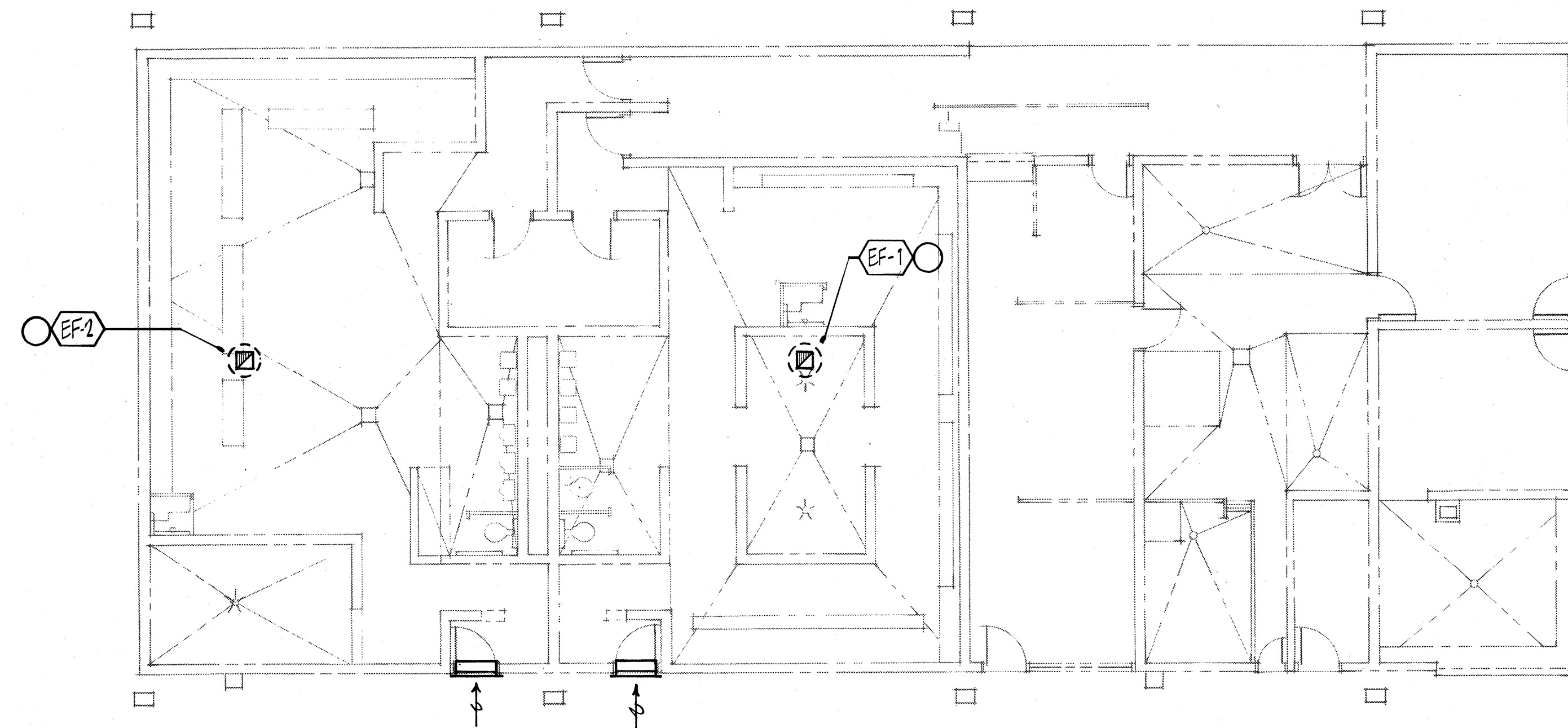


MECHANICAL FLOOR PLAN - POOL
SCALE: 1/8" = 1'-0"

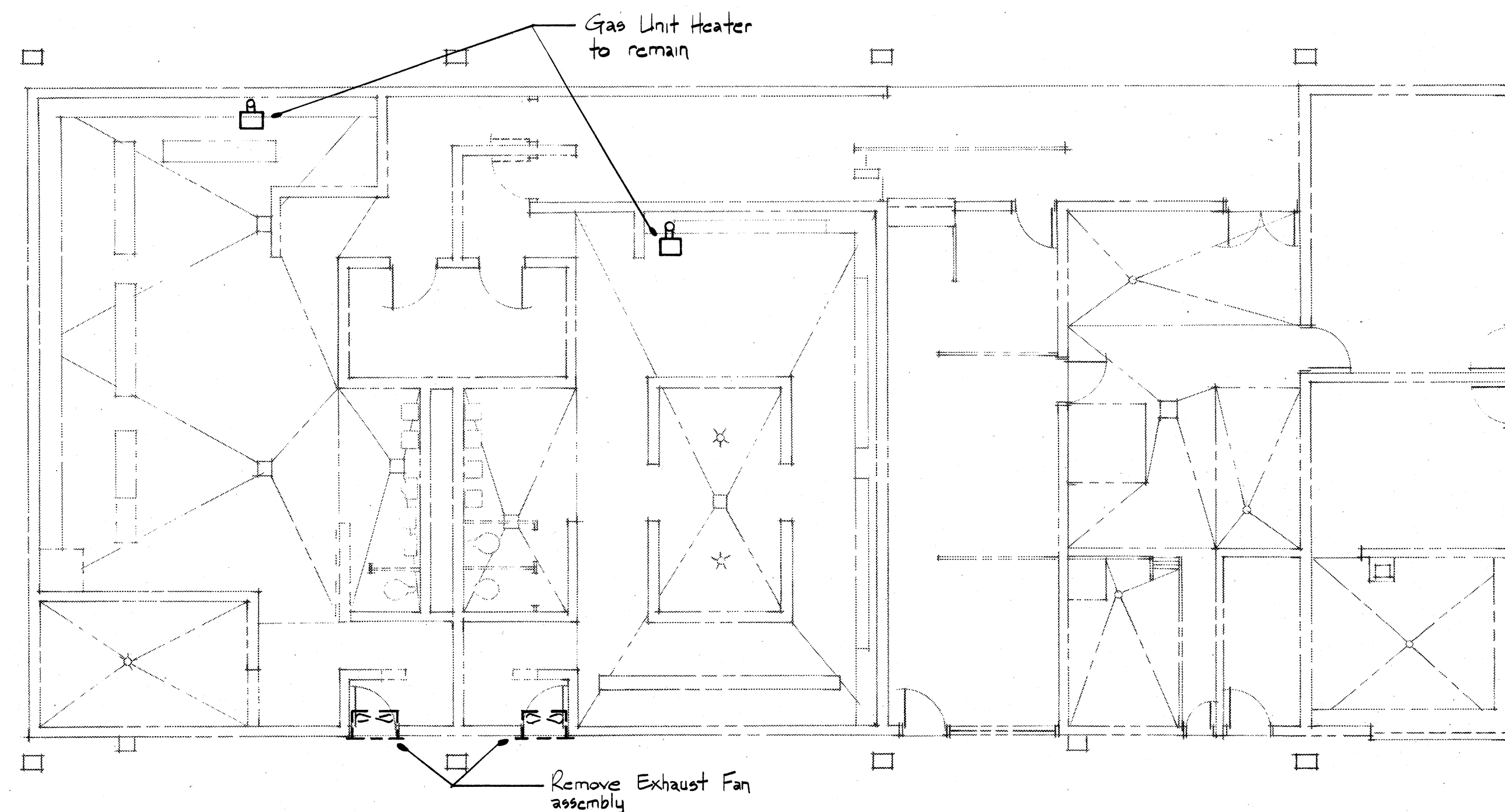
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Parks & Recreation		
City of Albuquerque		
Mechanical Plan - Pool Building		
		job no. 88-08-02
		dm. by PAPA-SOLTY
		ckd. by
		issued 1/22/89
		sheet M-1
		9 of 12



PARTIAL SITE PLAN
SCALE: 1/16" = 1'-0"



MECHANICAL FLOOR PLAN - BATH HOUSE
SCALE: 1/8" = 1'-0"



DEMOLITION FLOOR PLAN - BATH HOUSE
SCALE: 1/8" = 1'-0"

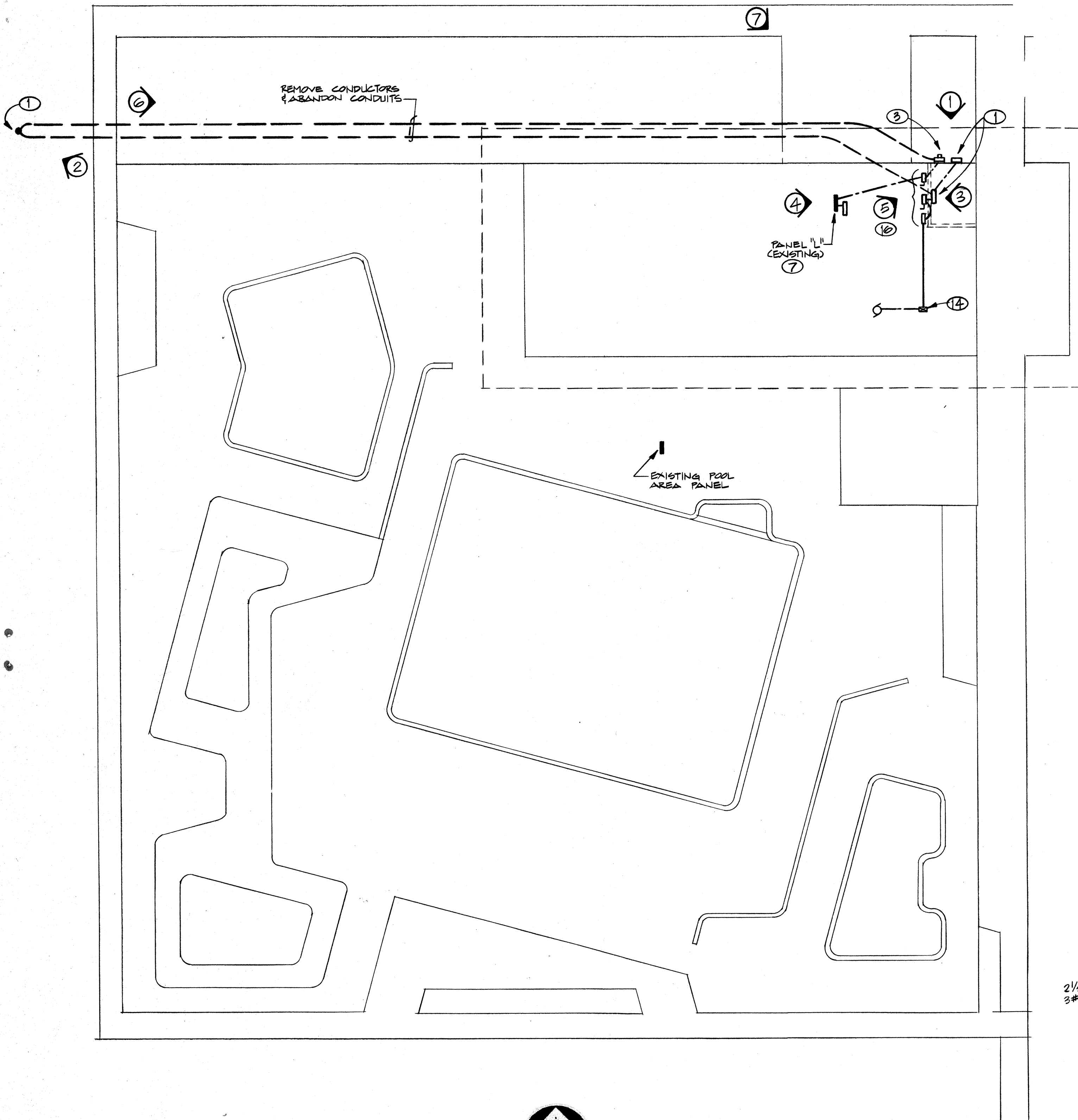
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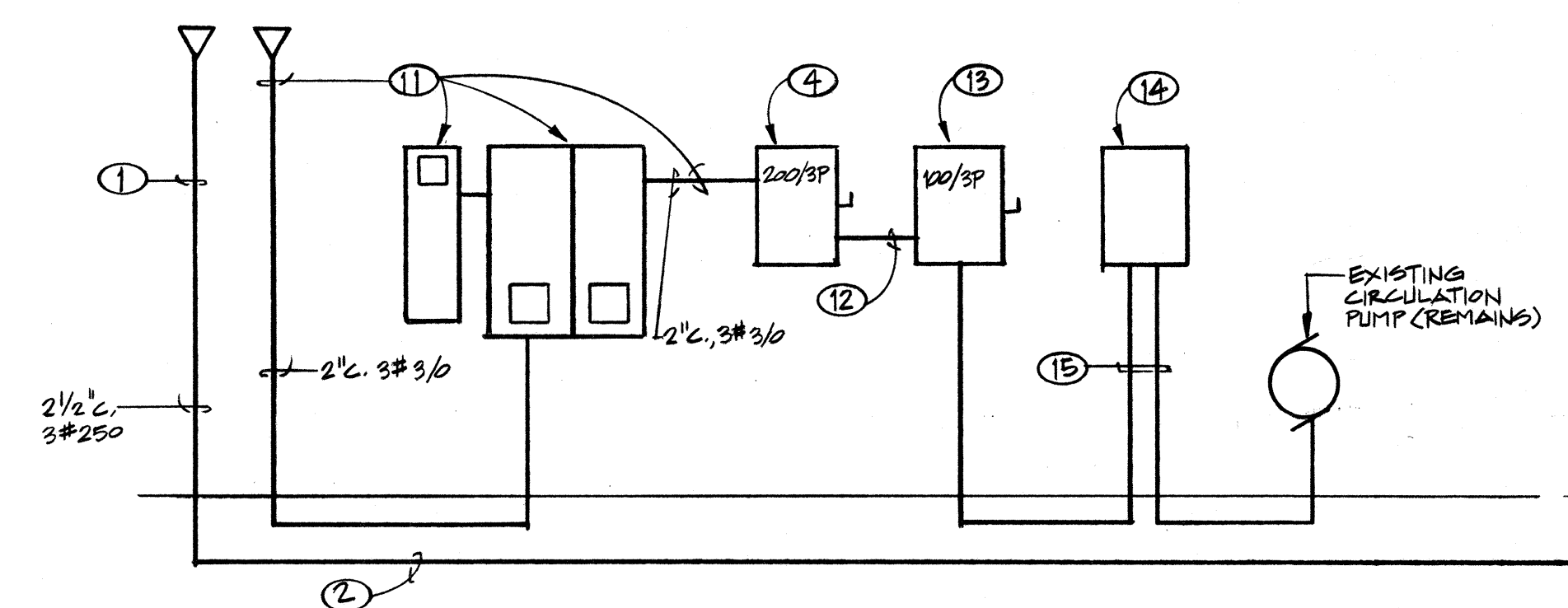
Los Altos Pool Renovation
Parks & Recreation
City of Albuquerque

Mechanical Plan - Bath House

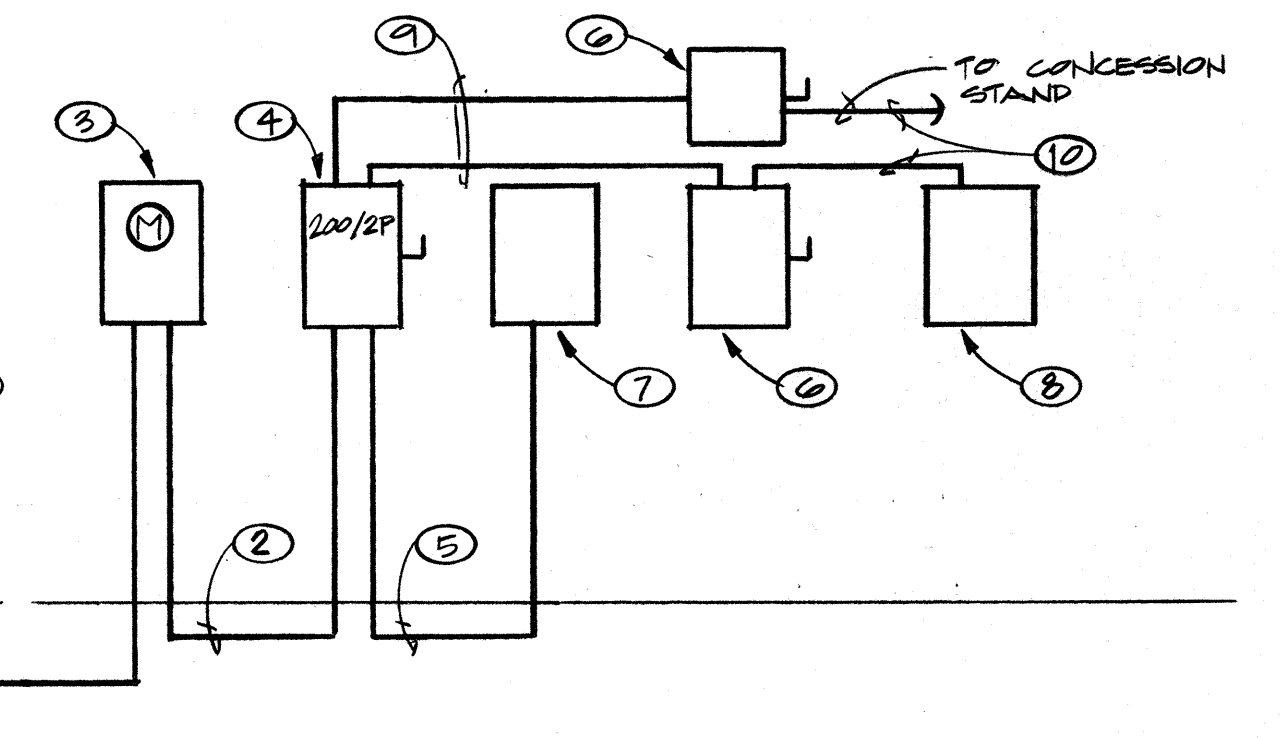
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des. by	PARRA-2017
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issued	1/30/89
sheet	M-2
	6 of 12



PHOTOGRAPH DETAILS



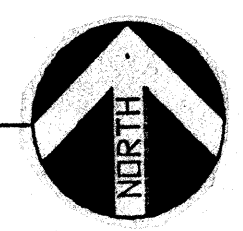
EXISTING 3Ø POWER RISER DIAGRAM



EXISTING SINGLE PHASE POWER RISER DIAGRAM

ELECTRICAL SITE PLAN - REMOVALS

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



KEYED NOTES

1. EXISTING RISERS ON POLE AND ASSOCIATED CONDUCTORS TO BE REMOVED.
2. EXISTING 2 1/2" C WITH 3-250MCM. REMOVE CONDUCTORS AND CUT CONDUIT FLUSH WITH CONCRETE AND ABANDON BELOW GRADE.
3. EXISTING 200A METER SOCKET TO BE REMOVED.
4. EXISTING 200A DISCONNECT SWITCH TO BE REMOVED. PATCH WALL.
5. EXISTING 2 1/2" C TO REMAIN. REMOVE CONDUCTORS. REFER TO NEW POWER RISER DIAGRAM FOR NEW WORK.
6. EXISTING 60A DISCONNECT SWITCH TO BE REMOVED. PATCH WALL.
7. EXISTING PANEL "L". REMOVE AND REPLACE WITH NEW PANEL. REFER TO PANEL SCHEDULE.
8. EXISTING PANEL IN POOL AREA TO REMAIN.
9. EXISTING 3#6 IN 1" C TO BE REMOVED.
10. EXISTING 3#6 IN 1" C TO REMAIN. EXTEND NEW FEEDER TO NEW PANEL PER NEW POWER RISER DIAGRAM.
11. EXISTING RISER, METER ENCLOSURES AND ASSOCIATED CONDUIT AND WIRE TO BE REMOVED.
12. EXISTING 3#2 IN 2" C TO BE REMOVED.
13. EXISTING 100A/3P CIRCUIT BREAKER AND ENCLOSURE TO BE REMOVED.
14. EXISTING STARTER TO BE REMOVED.
15. EXISTING 2" C TO REMAIN. REMOVE CONDUCTORS. REFER TO NEW POWER RISER DIAGRAM.
16. REMOVE EXISTING ELECTRICAL EQUIPMENT. SEE POWER RISER DIAGRAM.

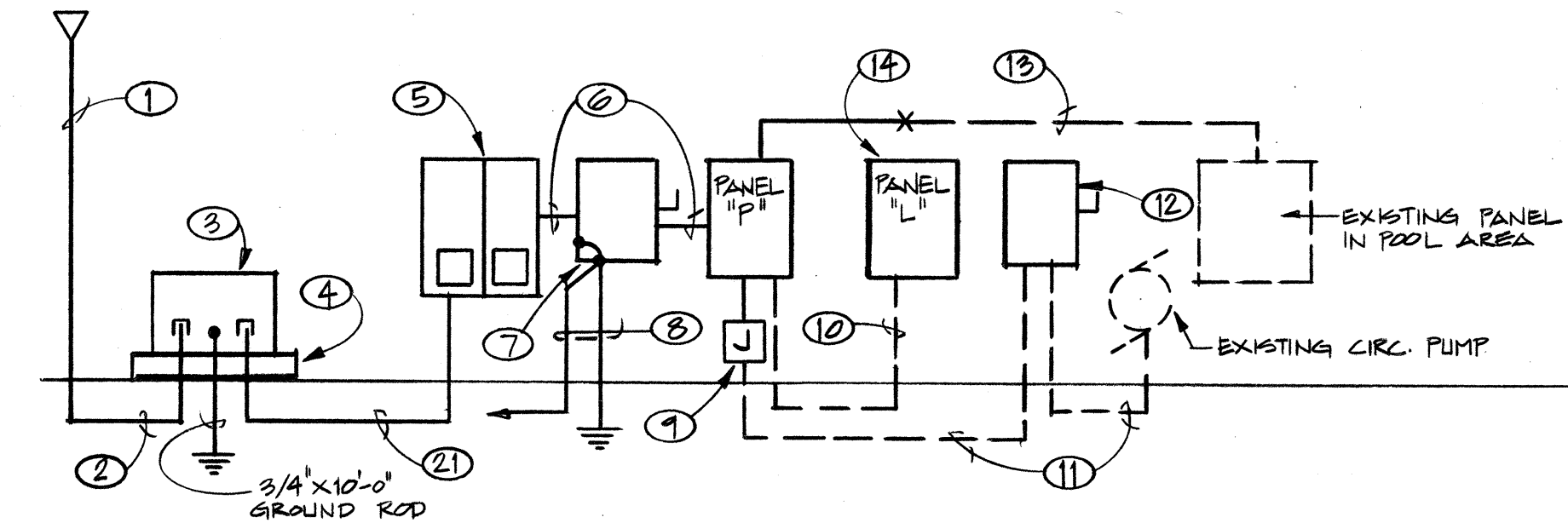
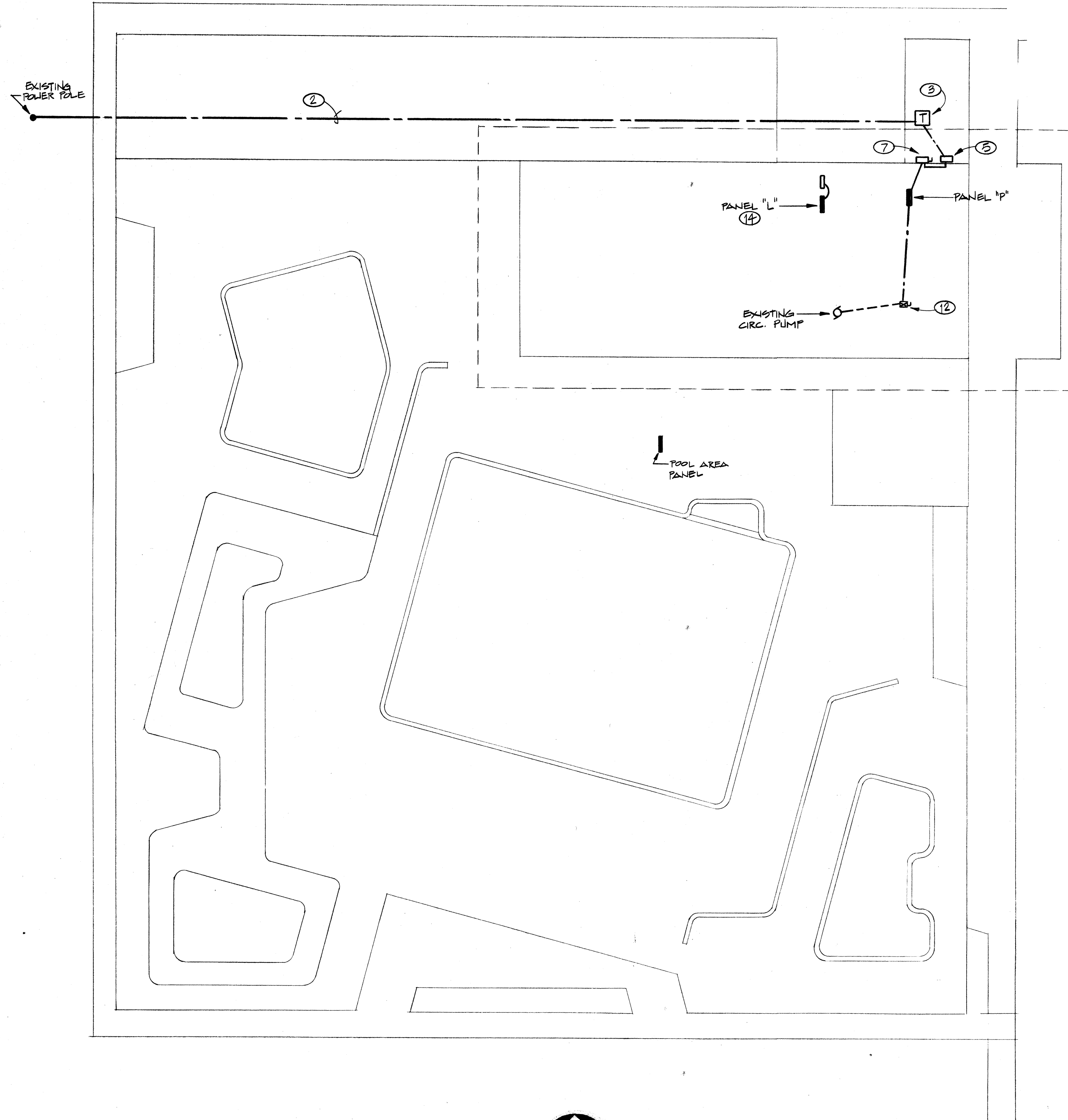
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Electrical Site Plan Removals

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	11 of 12



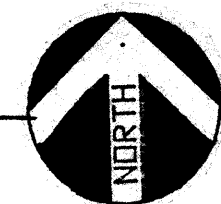
NEW POWER RISER DIAGRAM - 120/208V-3Ø-4W
NOT TO SCALE

KEYED NOTES (O)

1. 4" RIGID STEEL CONDUIT RISER UP POLE PER PNM DWG #DS-7.15.0.
2. 4" C CONCRETE ENCASED, 42" BELOW GRADE PER PNM DWG #DS-7.15.0.
3. PAD MOUNT TRANSFORMER BY PNM.
4. CONCRETE PAD PER PNM DWG #DS-7-16.5.
5. CT/METER ENCLOSURE PER PNM DWG #DS-19.24.0.
6. 4-500MCM + 1#4/0 GR IN 3 1/2"C.
7. 400A/3P+SN, 250V, FUSIBLE DISCONNECT SWITCH IN NEMA 3R ENCLOSURE. FUSE WITH BUSS 400A KTN FUSES. LABEL "MAIN".
8. 1#4/0 BSD CU GR IN 1"C PER NEC AND SPECIFICATIONS.
9. INTERCEPT EXISTING 2"C AND INSTALL 12"X12"X12" NEMA 3R JUNCTION BOX AND EXTEND NEW 2"C TO PANEL "P", AND INSTALL NEW FEEDER FULL LENGTH.
10. EXISTING 2 1/2"C.
11. EXISTING 2"C. INSTALL NEW 3#2 + 1#8 GR FULL LENGTH OF FEEDER.
12. COMBINATION STARTER/FUSIBLE DISCONNECT SWITCH, NEMA SIZE 3, NEMA 1 ENCLOSURE, 120V COIL, WITH H-O-A SWITCH IN COVER. FUSE WITH BUSS FRN FUSES AT 125% UNIT FLA.
13. EXTEND EXISTING 1"C INTO NEW PANEL "P". INSTALL 3#6 + 1#10 GR IN 1 1/4"C TO EXISTING PANEL IN POOL AREA AND MAKE CONNECTIONS.
14. NEW PANEL "L" (SEE PANEL SCHEDULE). INSTALL ADJACENT TO PREVIOUSLY REMOVED PANEL. PROVIDE BLANK COVER ON EXISTING PANEL CAN AND USE AS JUNCTION BOX TO SPLICE EXISTING BRANCH CIRCUITS TO NEW BRANCH CIRCUITS. EXTEND FEEDERS AND BRANCH CIRCUITS TO NEW PANEL AND MAKE CONNECTIONS.

ELECTRICAL SITE PLAN - NEW WORK

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



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	12 of 12	