

Valley Pool Renovation

Alternates

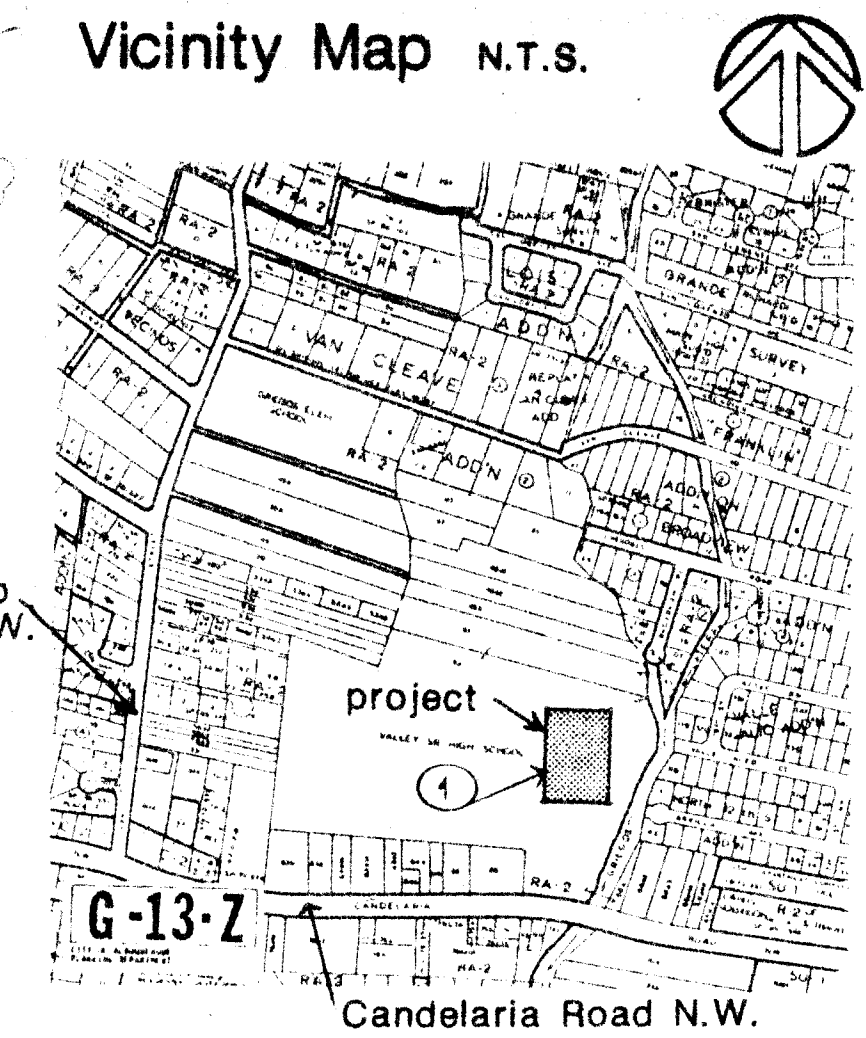
1. Replace lane tiles in the main pool and re-plaster the main, diving and wading pools.
2. Install new "MFLEX" seamless rubber aggregate/epoxy carrier floor decking as manufactured by the Maakings Group, Inc. (or equal) around the main and diving pool deck areas and within the locker rooms. Locker rooms to have 4" cove at all walls. Install with strict adherence to manufacturer's recommendations.

BOTH ALTERNATES TAKEN

WADING POOL NOT REPLASTERED

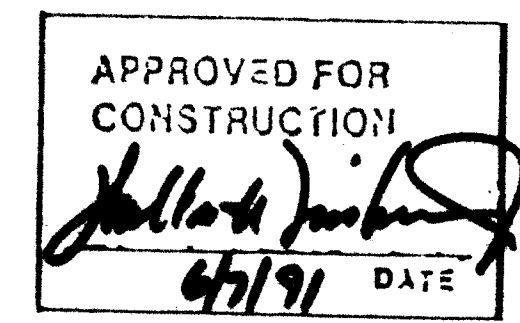
Vicinity Map N.T.S.

San Isidro Street N.W.



G-13-Z

Candelaria Road N.W.



General Notes

1. All work noted as "Class I Construction" shall be performed by this 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.

Project Data

Note: Work is limited to remodeling and refurbishing. No change in use, occupant load, or type of construction is to occur.

Occupancy: A-3

Type of Const: V-N (Assumed based upon 1965 building code which was in place at time of original construction.)

Total S.F.: Bath House: 4,168 S.F.

Pool Area: 13,665 S.F.
17,833 S.F. (gross)

Note: Subject Facility lies within the Valley High School property. Nearest property line is over 100 feet away.

Occupant Load Calculations (per Table 33-A)

Pool: 50 S.F. per occupant in pool; $6336/50=127$
15 S.F. per occupant on deck; $5964/15=398$
Total in Pool Area +525

Exit Width Required = $525/50=10.5$ ft.
Exit Width Provided 12 ft.

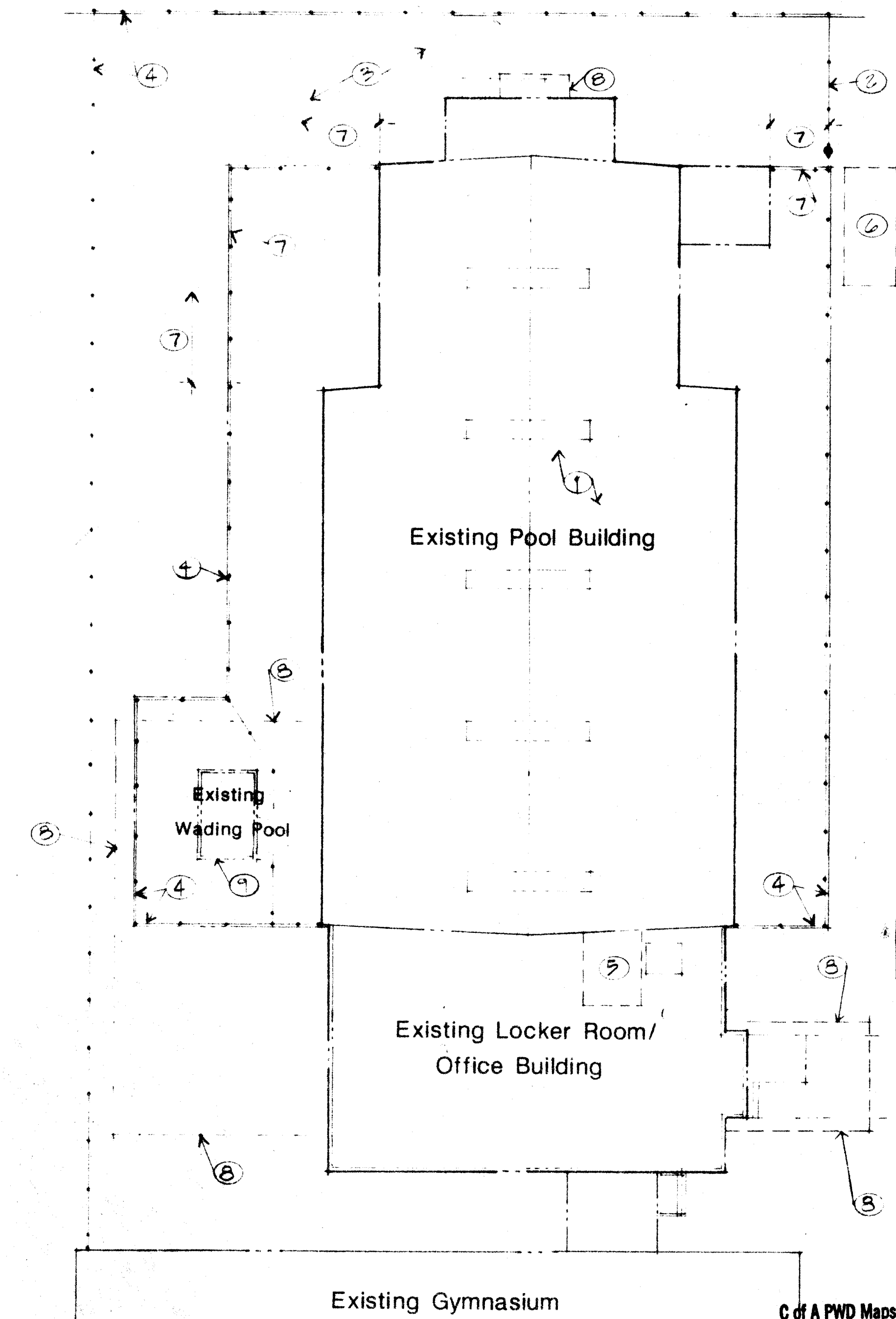
Bath House: Lockers: 50 S.F. per occ.; $2340/50=47$

Exit Width Required = $47/50=0.94$ ft. = 3 ft.
Exit Width Provided 9 ft.

Offices: 100 S.F. per occ.; $578/100=6$

Exit Width Required = $6/50=0.12$ ft. = 3 ft.
Exit Width Provided 6 ft.

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Site/Roof Plan
1" = 20'-0"

Legend

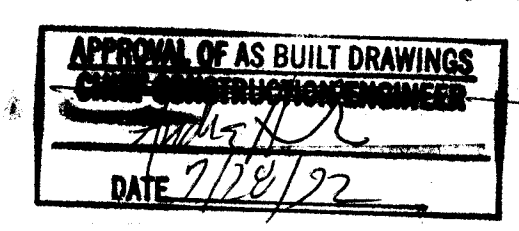
- Existing Construction to remain.
- Existing Construction to be removed or overhead and/or hidden construction.
- New Construction.

Keyed Notes

1. Project is an existing facility located within the boundaries of Valley High School.
2. Existing chain link gate to be utilized by the Contractor for his access to the site. Contractor shall coordinate with the Owner should other access points be required.
3. Contractor's heavy equipment shall be restricted to this area. Contractor shall take all precautions necessary to protect underground utility lines in the area.
4. Existing 6'-0" high chain link fencing with 3 strand barbed wire on top. Contractor shall be responsible for security and insurance for all items within fencing for the duration of the project. Refer to project manual for specific insurance requirements for the existing facility.
5. Office area adjacent to locker rooms. Owner will continue to perform administrative duties only in these offices during the project. Contractor shall coordinate with and maintain Owner access to this area at all times.
6. Contractor's field office to be located at the north end of the project site. Contractor shall repair any damage by his crews to existing asphalt paving at the close of construction.
7. Contractor's option - remove inner fence section during the construction period for access into the building and replace (by Contractor) at the termination of the project.
8. Class II construction this area.
9. Refer to keyed note #7, sheet A-2 for wading pool replastering (alternate #3).

Index to Drawings

No.	Sheet	Description
1	C-1	Cover Sheet/Project Data
2	A-1	Demolition Plan
3	A-2	Floor Plan
4	A-3	Elevations
5	A-4	Details
6	M-1	Mechanical Plan
7	M-2	Details/Schedules
8	M-3	Surge Tank Plans
9	E-1	Electrical Removals
10	E-2	Electrical Plan



CONSTR. DIVISION MANAGE

CLASS I CONSTRUCTION

no.	date	revision
1	4/17/91	RECORD DRAWINGS

de ker & associates

Valley Pool Renovation
Parks & Recreation
City of Albuquerque (City Project No: 2854)

Cover Sheet & Project Data

	job no.	20000-03
	des. by	RAW/KWG
	chkd. by	SP
	issued	6/19/91
sheet		C-1
		1 of 10

EXISTING ASBESTOS CONTAINING
"TRANSGITE" BOARD ABOVE
EXISTING OVERHEAD DOORS
REMOVED

ALL ASBESTOS CONTAINING
GYPSUM BOARD CEILINGS
REMOVED IN LOCKER ROOMS,
INSULATION & LIGHT FIXTURES
ABATED AS WELL

REMOVE & REPLACE H.M.
DOOR & FRAME

REMOVE & REPLACE CONCRETE POOL
DECK AS REQUIRED FOR POOL
PUMP INSTALLATIONS. REPLACE
ALL LADDER, PLATFORM AND
PLAS SLEEVES, TYPICAL

Keyed Notes

1. Remove and dispose of existing overhead wood sectional doors, tracks, wood trim and weatherstripping @ jambs. Strip existing steel channel to remove all paint. Prime paint steel channels.
2. Existing pool ceiling - fill all holes in glu-lams and 2x wood roof decking left from the removal of any gas lines, electrical conduit, door tracks and light tracks with wood filler to match the existing wood. Replace wood decking @ holes left from the removal of flues through roof w/ decking to match existing. Strip and sand existing finish from wood glu-lam arches and purlins. Clean 2x wood roof decking with mineral spirits. Refinish glu-lams, purlins and decking. Contractor responsible for protection of pools, deck areas, coping, railings and fixed equipment during stripping, sanding and refinishing of wood roof deck and arches. If any staining or damage should occur; Contractor shall bear all costs associated with clean-up or repair. Note: pool is to remain full unless replastering (alternate #1) is taken.
3. Class II construction only this area (except for mech. installations & Alt. #2).
4. Remove and dispose of existing light tracks on underside of wood arches.
5. Remove and dispose of existing floor duct registers.
6. Carefully remove and salvage to Owner 4" x 8" x 8" solar screen bricks - refer to detail 12/A-4 for area of removal.
7. Remove all non-adhering plaster as required to prepare pool for replastering (alternate #1).
8. Door to removed by Class II (n.i.c.).
9. Class II construction this area.
10. Neatly sawcut, remove and dispose of existing wood decking and roof (2 sides of existing opening) as required to install new exhaust air grille - refer to mechanical.
11. Remove and dispose of any non-adhering cement decking and clean underlying concrete slab as required for installation of new floor decking (alternate #2).
12. Class II to clean floor slab this area.

General Notes

1. Contractor to field verify all dimensions.
2. Contractor to field verify all existing conditions prior to submitting his bid.

CLASS I CONSTRUCTION

C of A PWD Maps & Records

1	2	3	4	5	6	7	8	9	10	11	12
26	28	54	02	92							

Legend

- Existing Construction to remain.
- Existing Construction to be removed or overhead and/or hidden construction.
- New Construction.

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

Keyed Notes

1. Refer to note #2, sheet A-1 for protection of pools, etc.
2. Existing pool ceiling - refer to note #2, sheet A-1.
3. Remove and replace existing translucent "Kaiwall" skylight panels (frames to remain) above with new panels by "Kaiwall". Class II construction this area, except for alternate #2 and mechanical installations.
4. New anodized aluminum overhead doors to be installed within existing steel channels and wood glu-lam arches. Contractor to use fasteners as required to prevent galvanic action from occurring and verify existing conditions and dimensions prior to ordering. Refer to details 1, 2 and 3/A-4.
5. New anodized aluminum storefront windows to be installed within existing steel channels and wood glu-lam arches. Refer to note #5 above for fasteners and details 5, 6 and 7/A-4.
6. Replace lane tiles (main pool only) with new tiles to match existing and replaster entire main, diving and wading pool surfaces (alternate #1). Contractor to coordinate with Class II for piping to be installed by Class II in the wading pool prior to replastering.
7. Soffit above, texture and paint - refer to detail 9/A-4.
8. Mechanical ductwork above - refer to mechanical, paint. Refer to detail 11/A-4 for ductwork attachment.
9. Fill abandoned floor duct w/ concrete - refer detail 10/A-4.
10. Infill 4 - 28" x 32" openings for abandoned ductwork with standard CMU and adjacent wall with standard CMU, paint. Refer detail 12/A-4.
11. Clean out gap @ juncture of existing concrete floor slab and adjacent masonry wall and apply backer rod and continuous bead of sealant flush w/ level of existing floor slab, typical all around pool area.
12. Refer to mechanical for ceiling hung unit to be removed. Remove flue through roof and repair roofing and ceiling finishes (gyp. bd. in locker rooms and 2x wood in pool area) to match existing.
13. Refer to mechanical for rooftop unit to be removed. Cap opening - refer detail 16/A-4.
14. Class II construction this area.
15. Register above - refer to mechanical, paint.
16. Light fixture retrieval track above for one light fixture - refer to details 17 and 18/A-4.
17. Light fixture retrieval track above for two light fixtures - refer to details 17 and 18/A-4.
18. Rubber aggregate/epoxy carrier floor decking, (alternate #2).
19. Lane tiles.
20. Existing glu-lam beam above.

REPLACE FLASHINGS AS WELL

NOTE: INSTALL PURLIN SUPPORT BRACKETS BELOW ROOFTOP MECH. UNITS, TYP.

4" BRICK TO MATCH EXISTING BRICK

UNIT ABANDONED IN PLACE

FINISH GYP. BD. TO ALIGN W/ EDGE OF MASONRY OPENING, TYP.

ROOF VENTS ABANDONED IN PLACE

C of A PWD Maps & Records
24 28 54 03 91 12

Legend

- Existing Construction to remain.
- Existing Construction to be removed or overhead and/or hidden construction.
- New Construction.

1 Floor Plan

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CLASS I CONSTRUCTION

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Keyed Notes

1. Refer to note #3, sheet A-2 for replacement of skylight and end wall translucent panels.
2. Strip paint from all gutters, downspouts, grilles, wood fascias, wood trim and soffits. Re-attach any loose boards, gutters and downspouts and repaint.
3. New anodized aluminum overhead doors to be installed within existing steel channels and wood glu-lam arches. Contractor to use fasteners as required to prevent galvanic action from occurring and verify existing conditions and dimensions prior to ordering. Refer to details 1, 2 and 3/A-4.
4. Remove any non-adhering stucco. Apply new stucco color coat - refer to note #10. Clean out and caulk all junctures between new stucco and existing concrete walks.
5. "Pump" semi-bold painted letters (2 coats) on new stucco color coat with vertical distances as indicated; center on wall panel.
6. Remove all non-adhering paint from metal doors, frames and columns. Re-caulk perimeter junctures of frames and concrete walks and repaint (except aluminum) doors, frames and columns.
7. New anodized aluminum storefront windows to be installed within existing steel channels and wood glu-lam arches. Refer to note #5 above for fasteners and details 5, 6 and 7/A-4.
8. Existing corridor to high school - no work this area.
9. Existing face brick to remain.
10. Recent snack bar addition - all new stucco this project to match color of recent snack bar addition.
11. New doors and frame by Class II (n.i.c.) painted by this Contractor.
12. Paint mechanical unit stand, gas piping, wood skids, pipe clamps and electrical conduit. Do not paint mechanical unit.
13. Flash into and repair existing asphalt shingles.
14. Ladder over parapet - refer detail 13/A-4, paint. Install w/ 6 - 3/8" round bolts in expansion shields into existing CMU wall.
15. Lockable security screen - refer detail 14/A-4, paint.
16. Ladder on to roof above - refer detail 13/A-4, paint. Install w/ 4 - 3/8" round bolts in expansion shields into existing CMU wall. Contractor to verify length of mounting brackets to clear roof 1/8" min.
17. Mechanical equipment screen - refer detail 19/A-4.

REPLACE FLASHING ALSO

REPLACE MISSING & DAMAGED ROOF HINGERS, TYPICAL

OMIT LADDER

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

DO NOT PAINT WINDOW SCREENS OR GAS METER

ADDITIONAL SIGNAGE

Legend

- Existing Construction to remain.
- Existing Construction to be removed or overhead and/or hidden construction.
- New Construction.

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

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

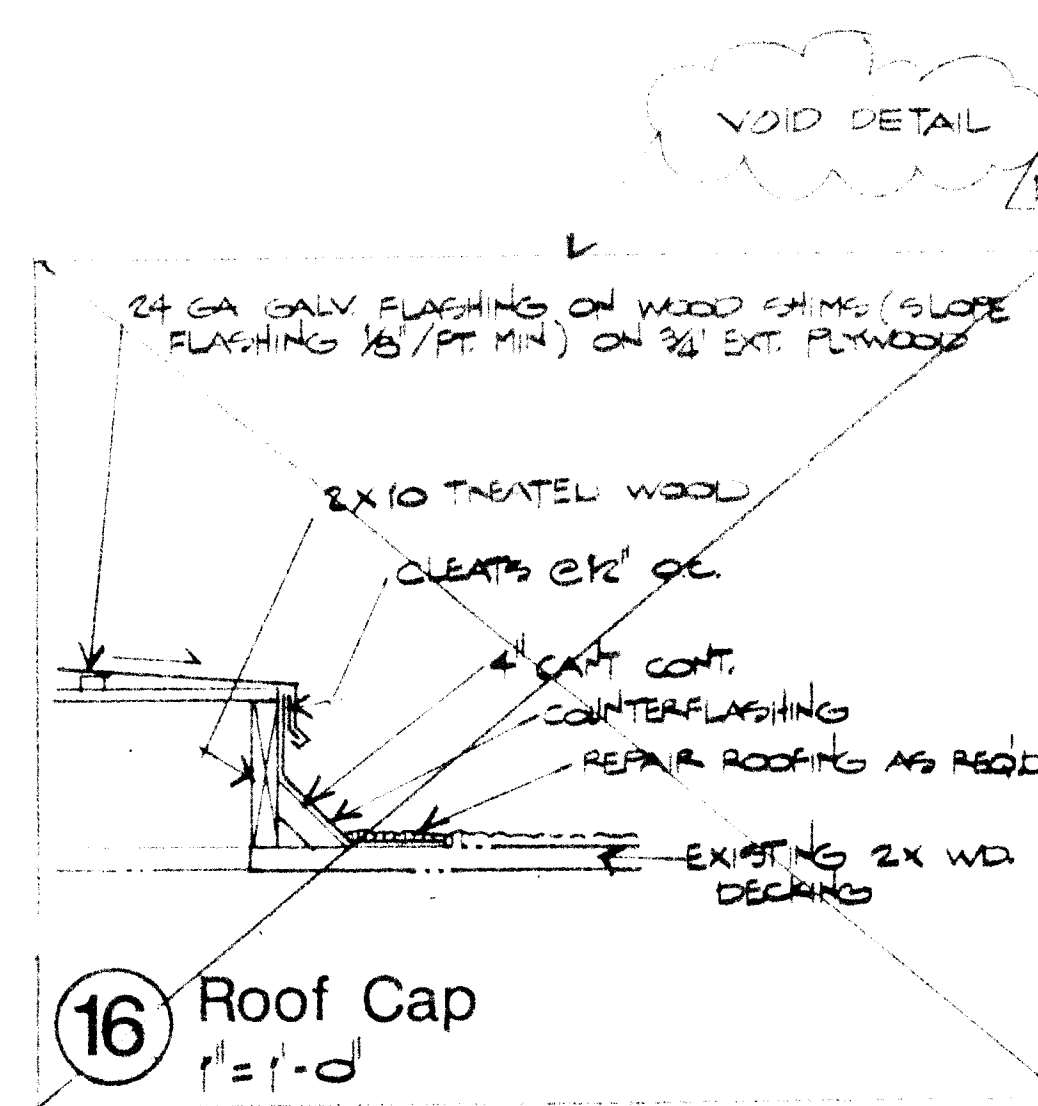
1 North Elevation
1/8" = 1'-0"

C of A PWD Maps & Records

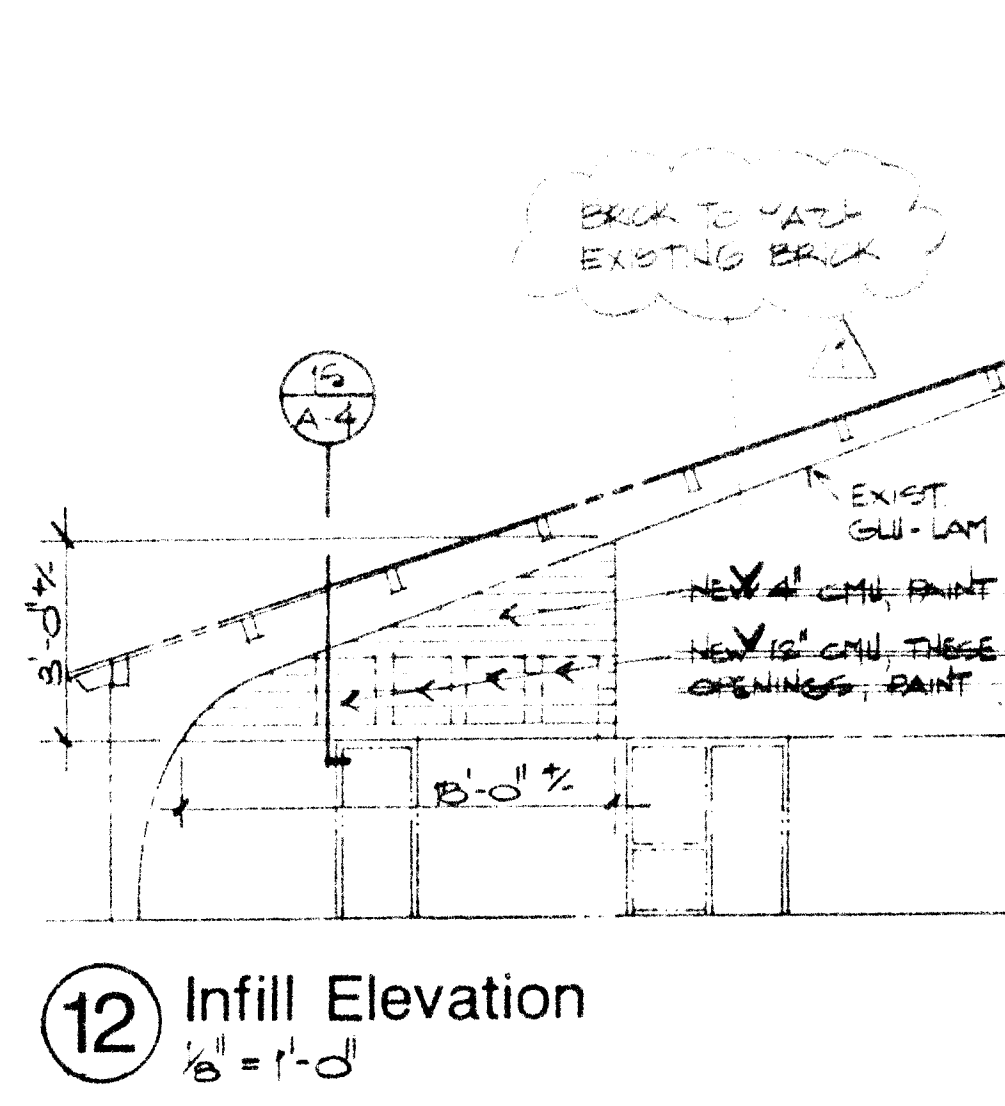
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CLASS I CONSTRUCTION

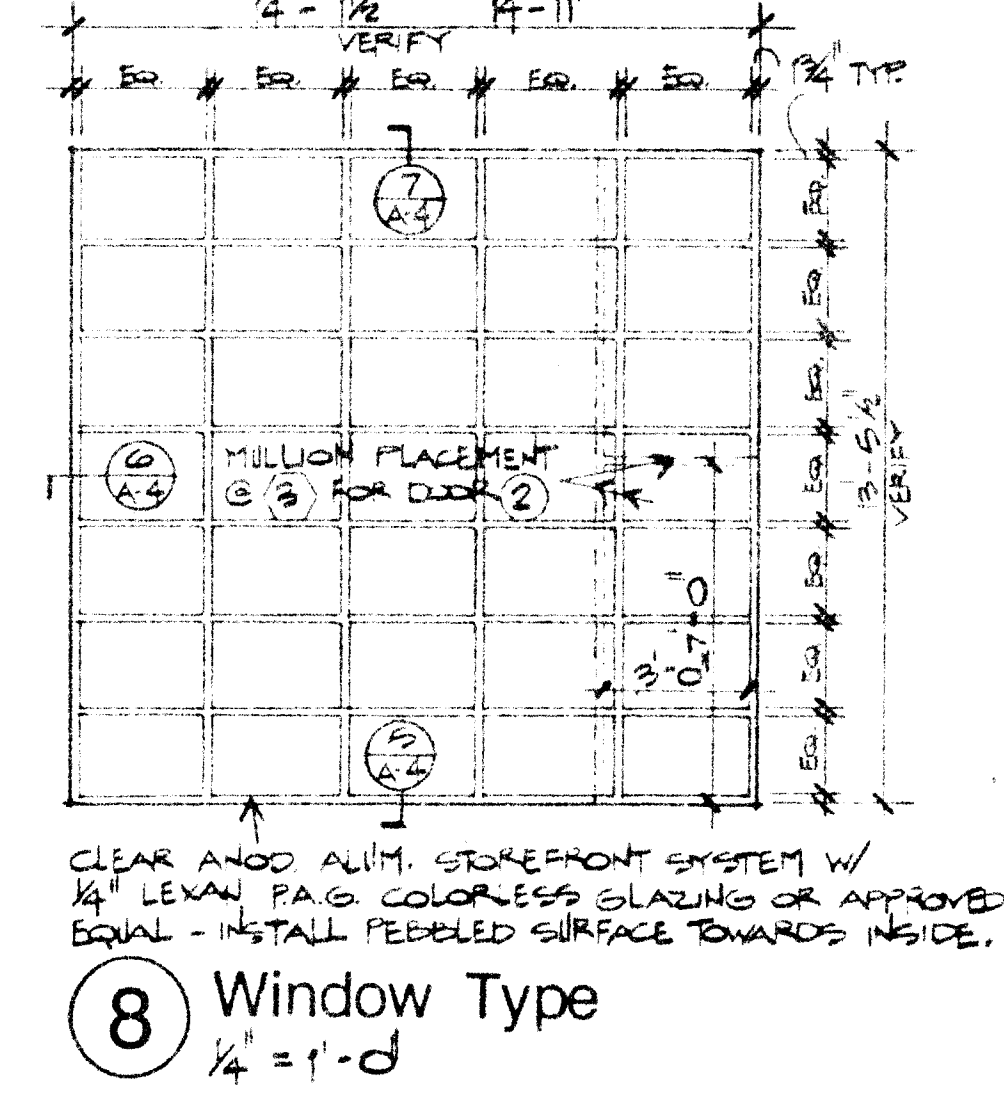
no.	date	revision
47	4/7/92	RECORD DRAWING
de ker & associates p.c.		
Architecture • Planning • Engineering • Interior & Graphic Design • Facilities Programming		
5501 Americas Parkway N.E. Suite 575 Albuquerque, New Mexico 87113 Telephone: 505.886.9111		
Valley Pool Renovation		
Parks & Recreation		
City of Albuquerque (City Project No. 2854)		
Elevations		
job no. 2854-01		
des. by [signature]		
chk. by [signature]		
issued 6/18/91		



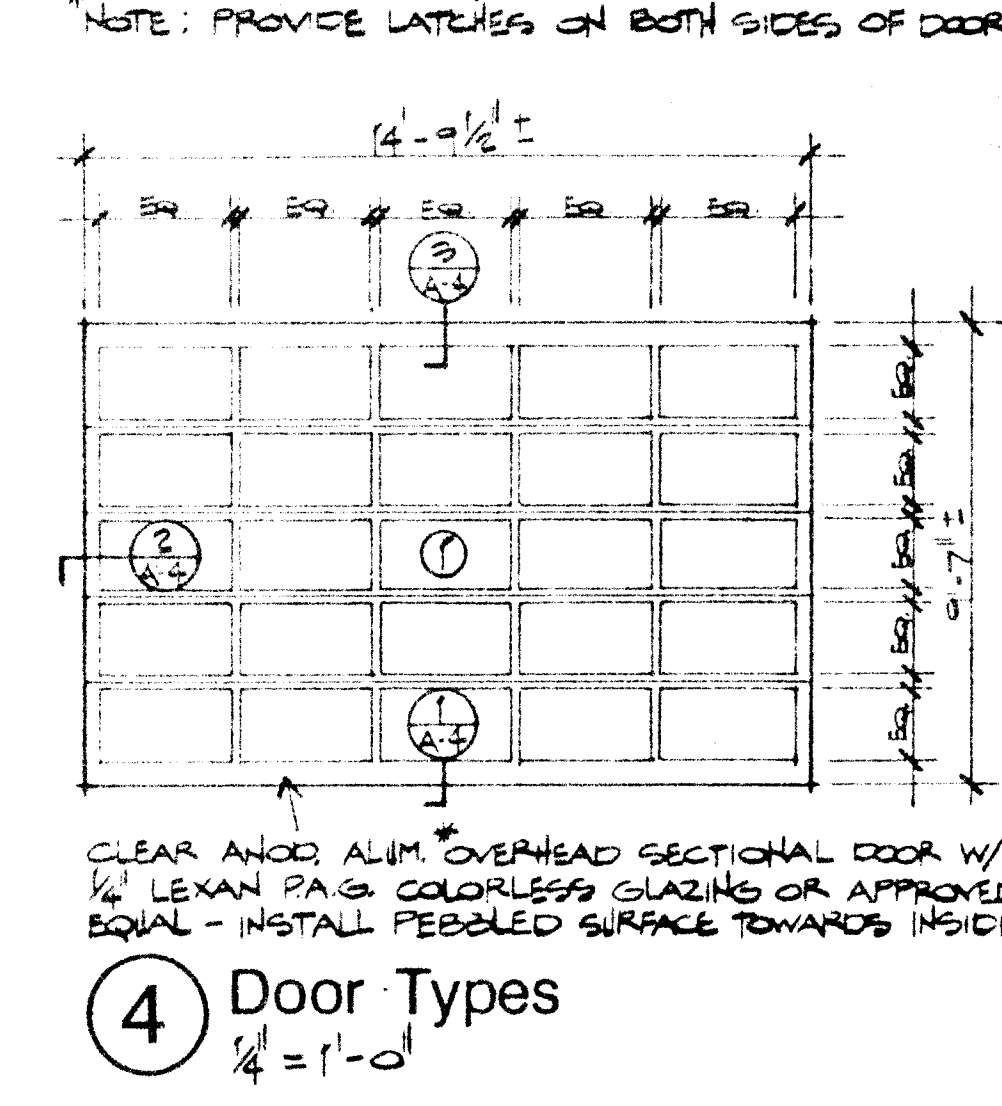
16 Roof Cap
1' = 1'-0"



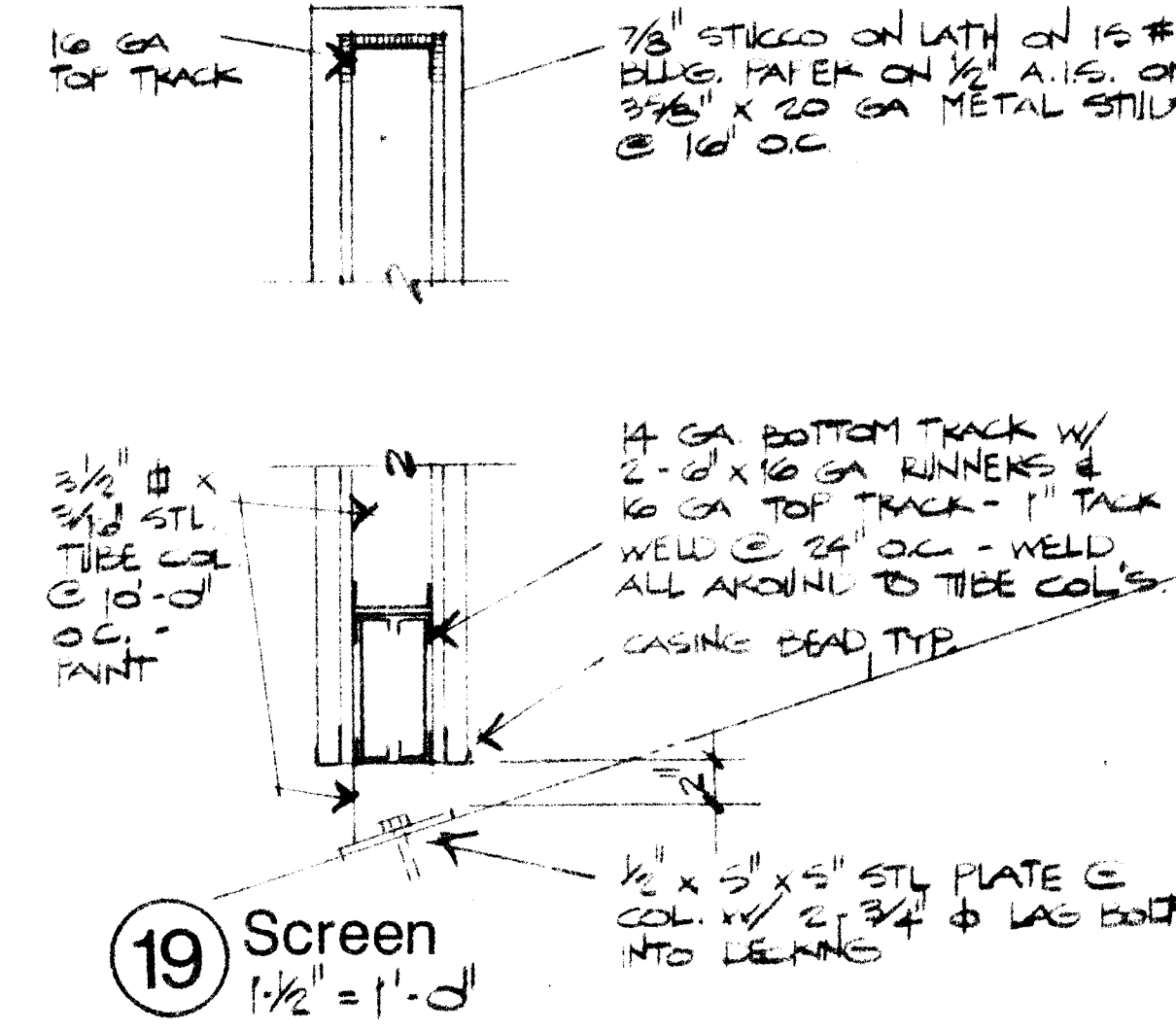
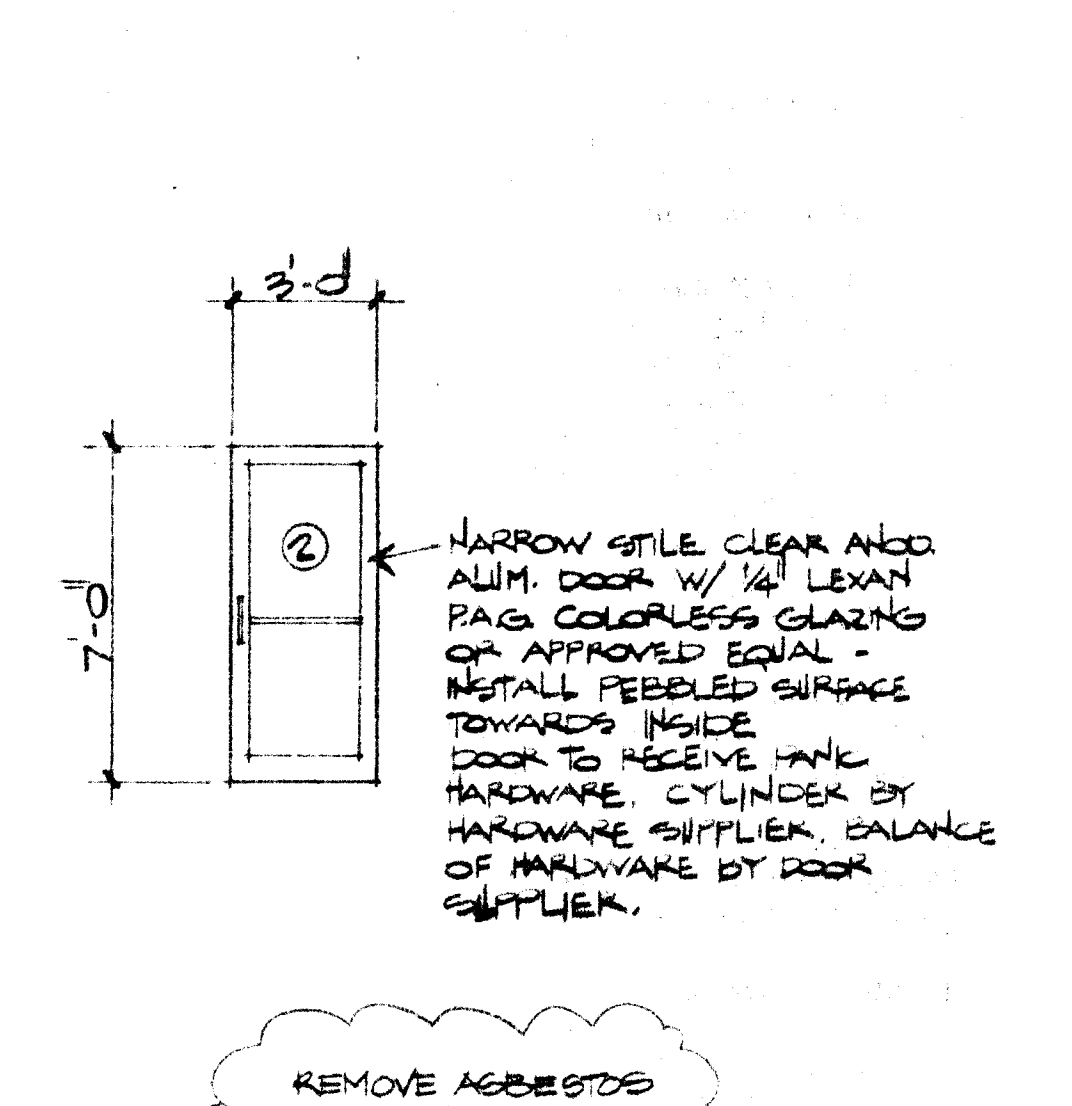
12 Infill Elevation
1/8" = 1'-0"



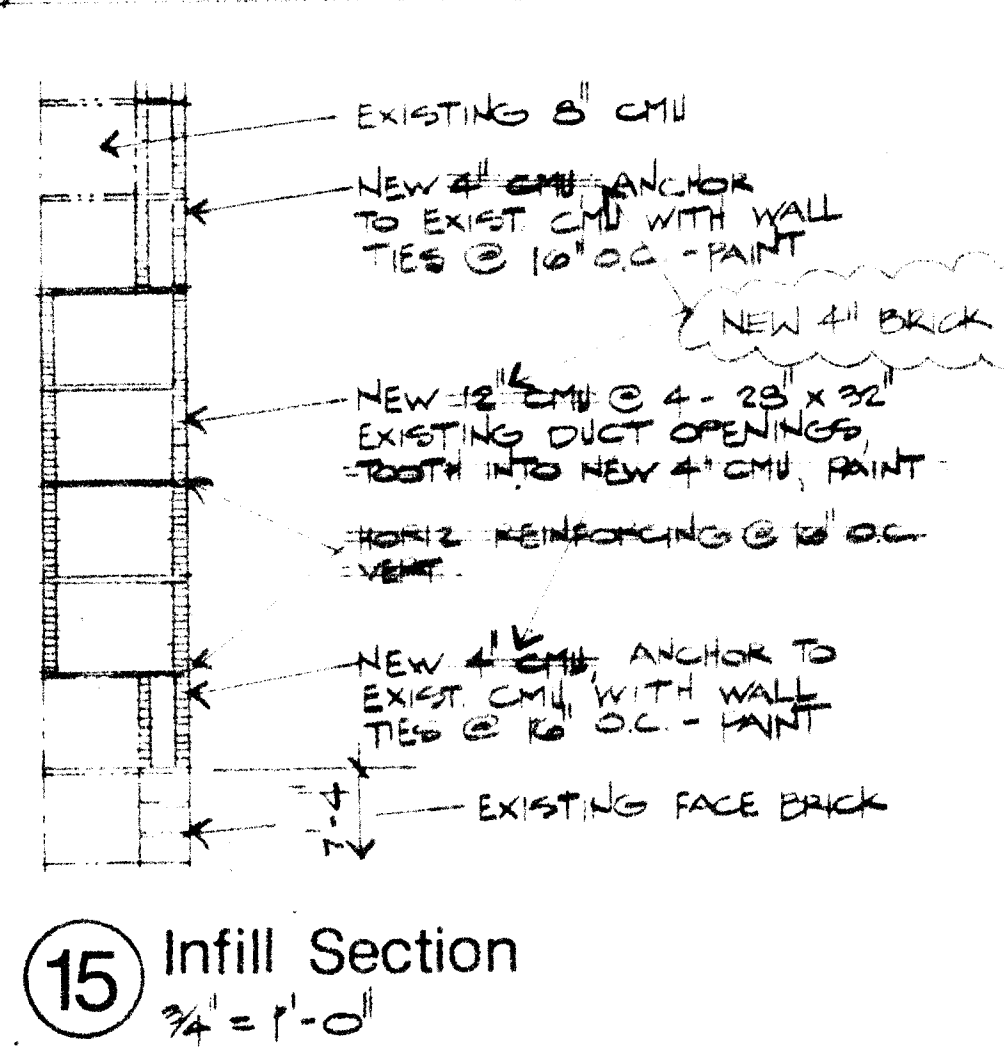
8 Window Type
1/4" = 1'-0"



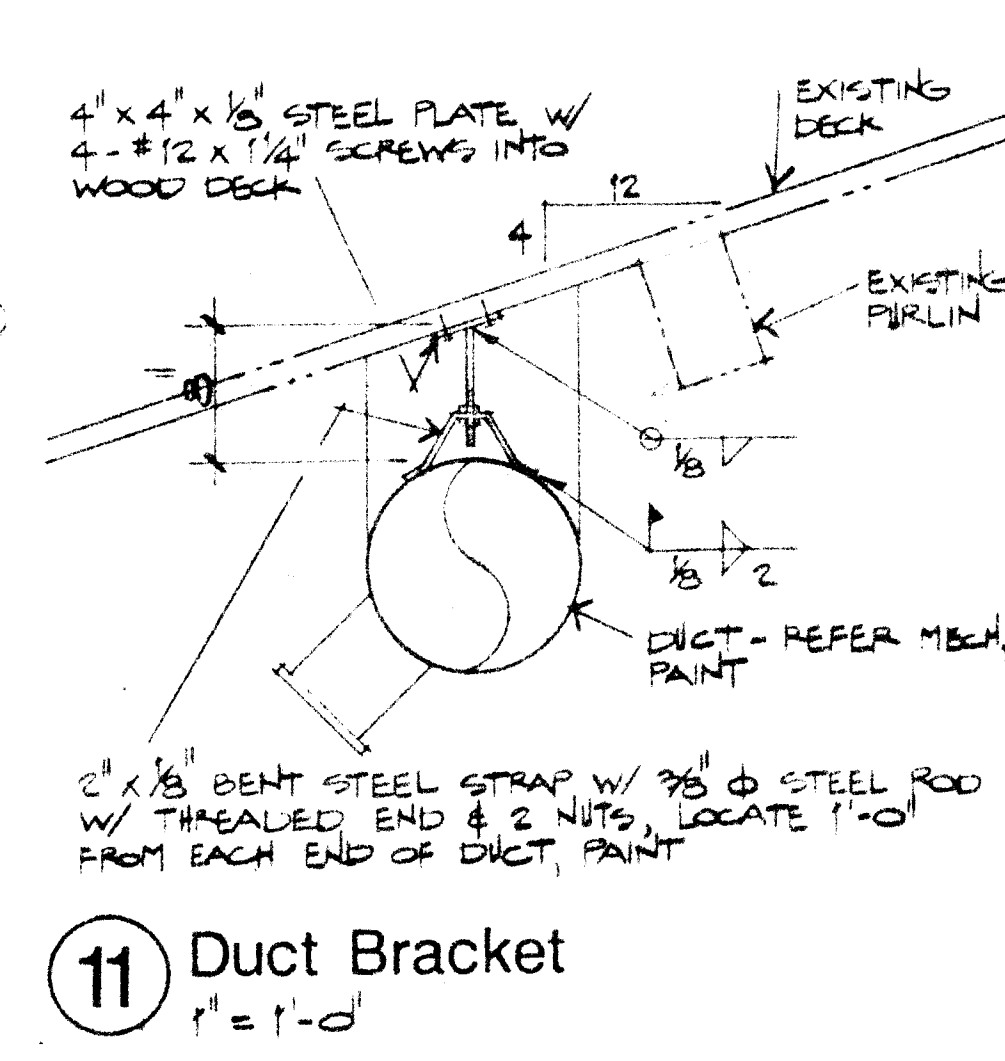
4 Door Types
1/4" = 1'-0"



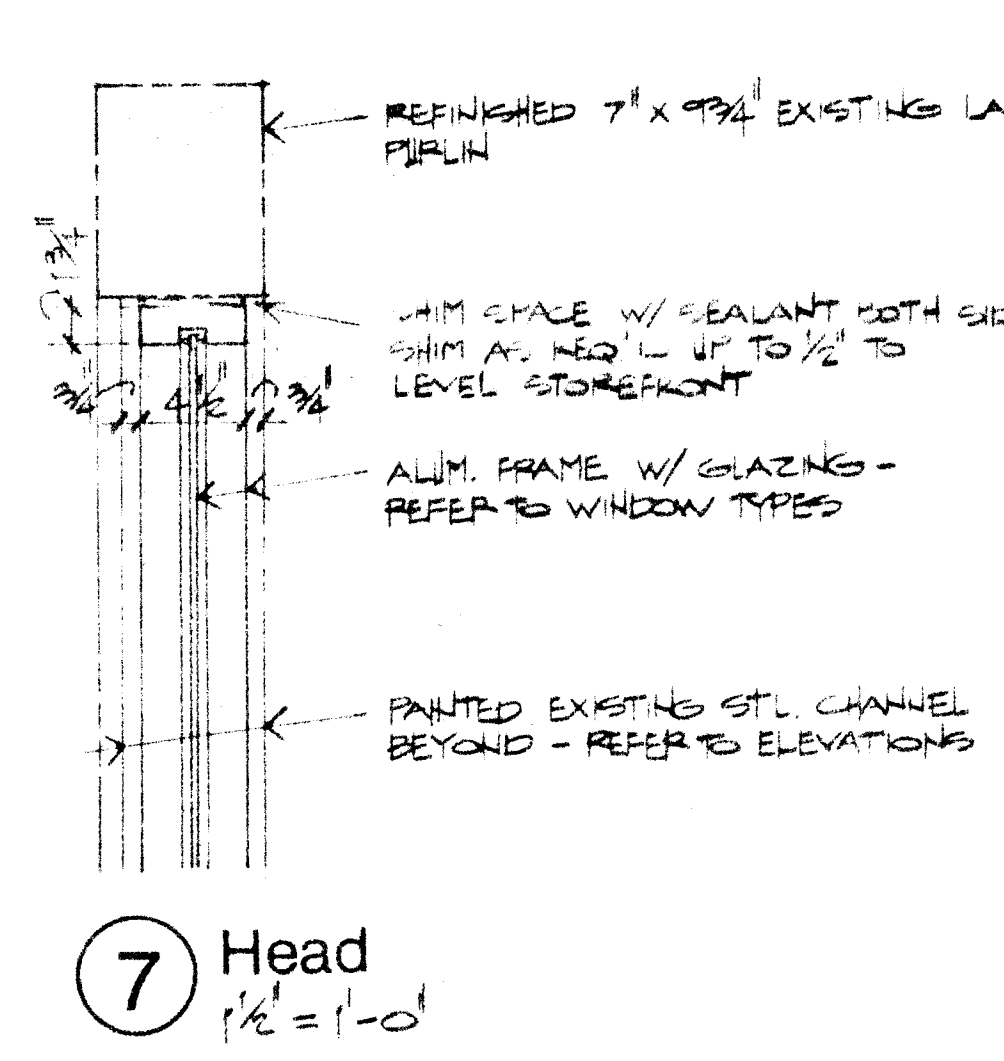
19 Screen
1 1/2" = 1'-0"



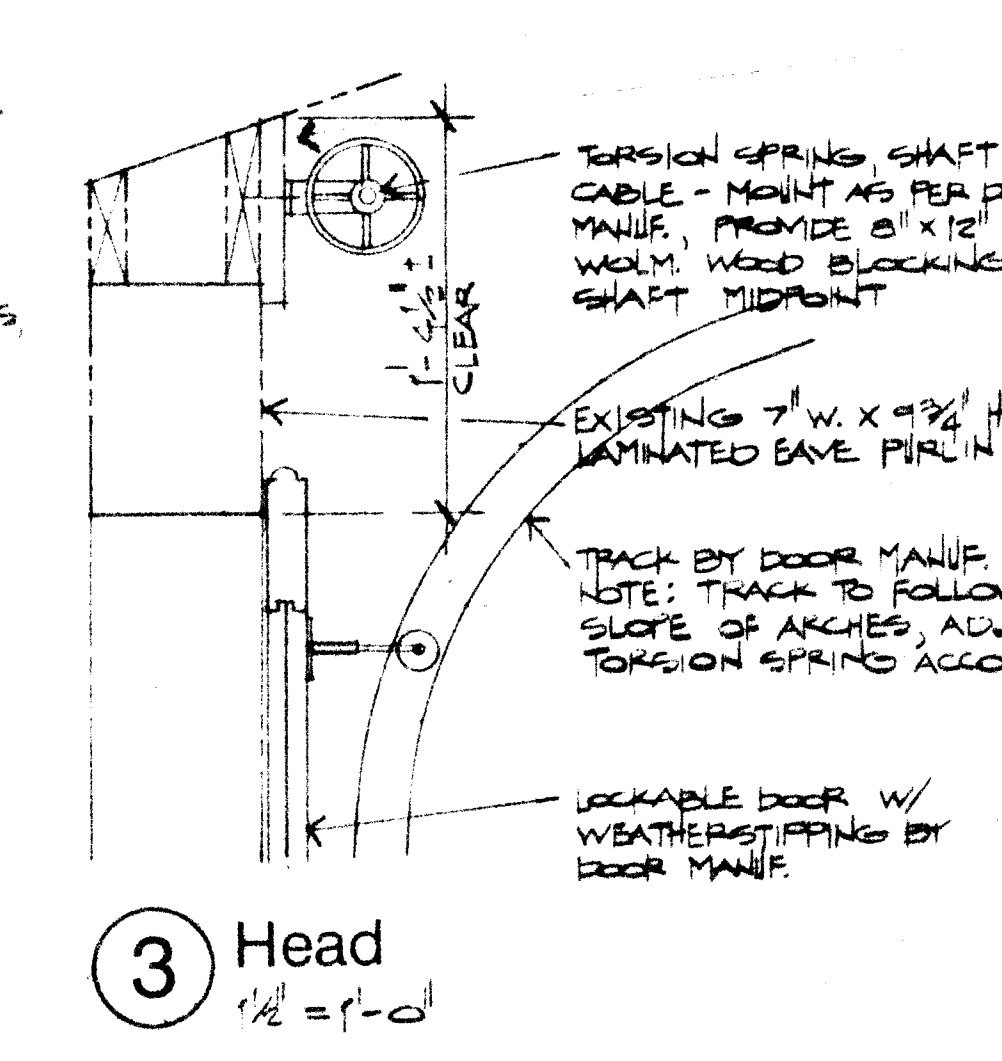
15 Infill Section
3/4" = 1'-0"



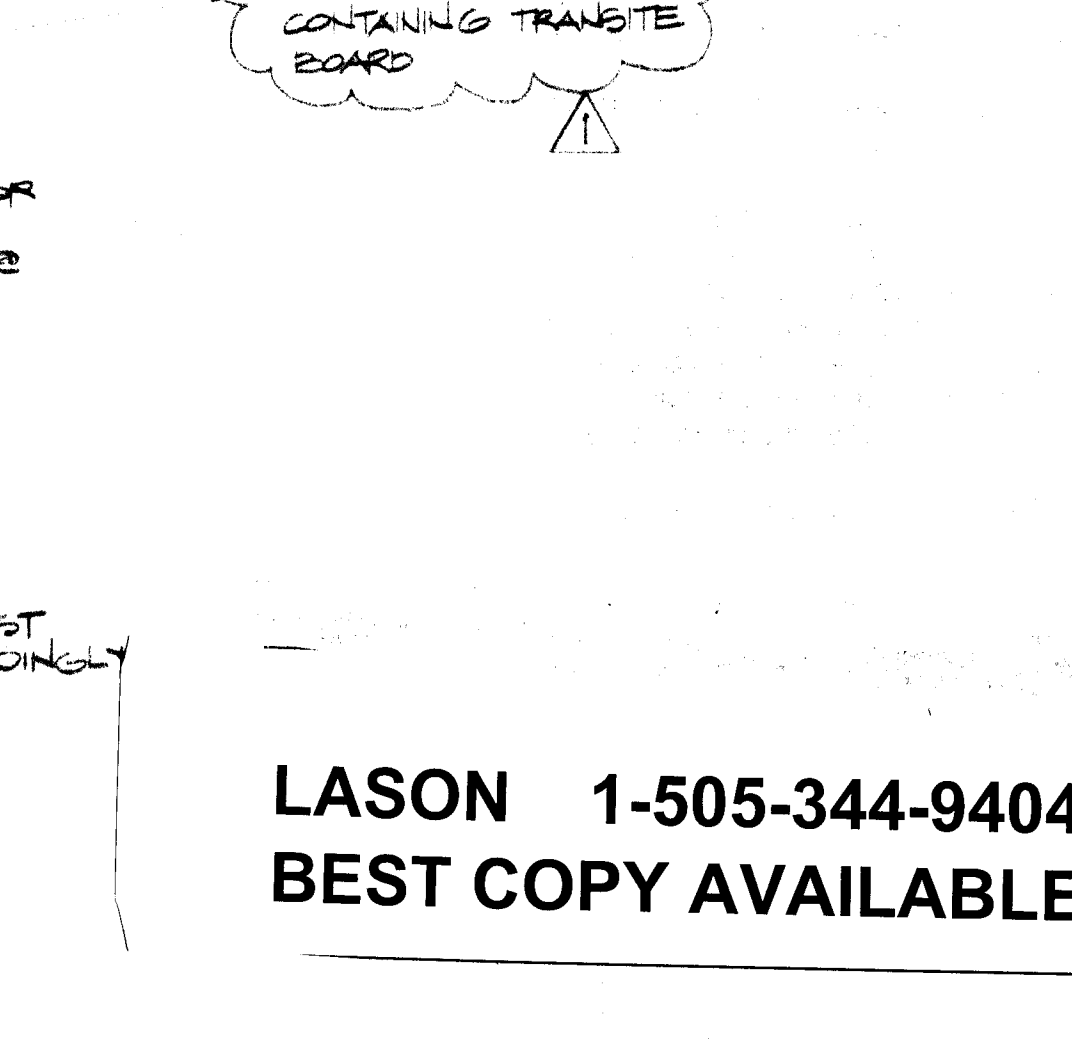
11 Duct Bracket
1' = 1'-0"



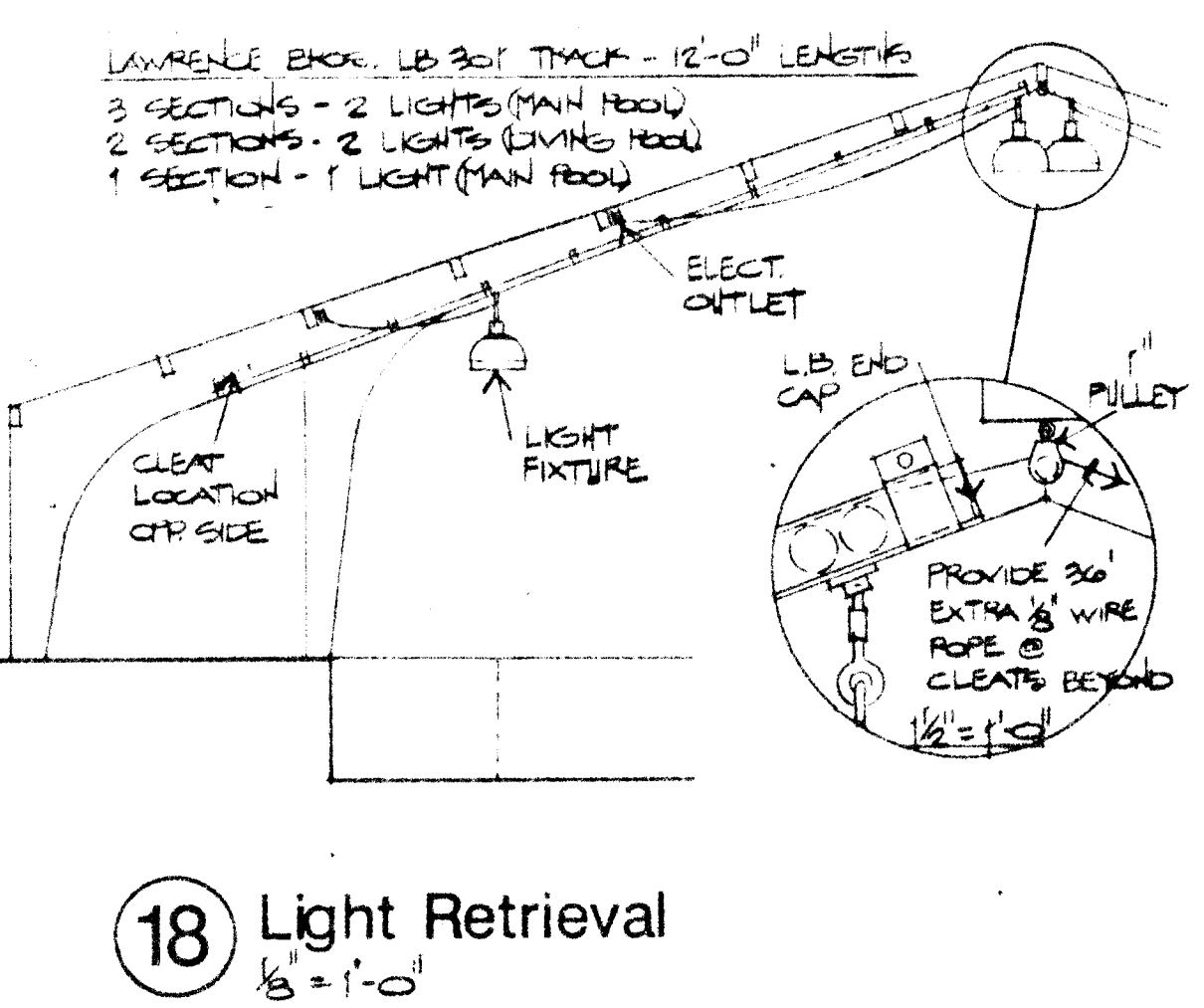
7 Head
1 1/2" = 1'-0"



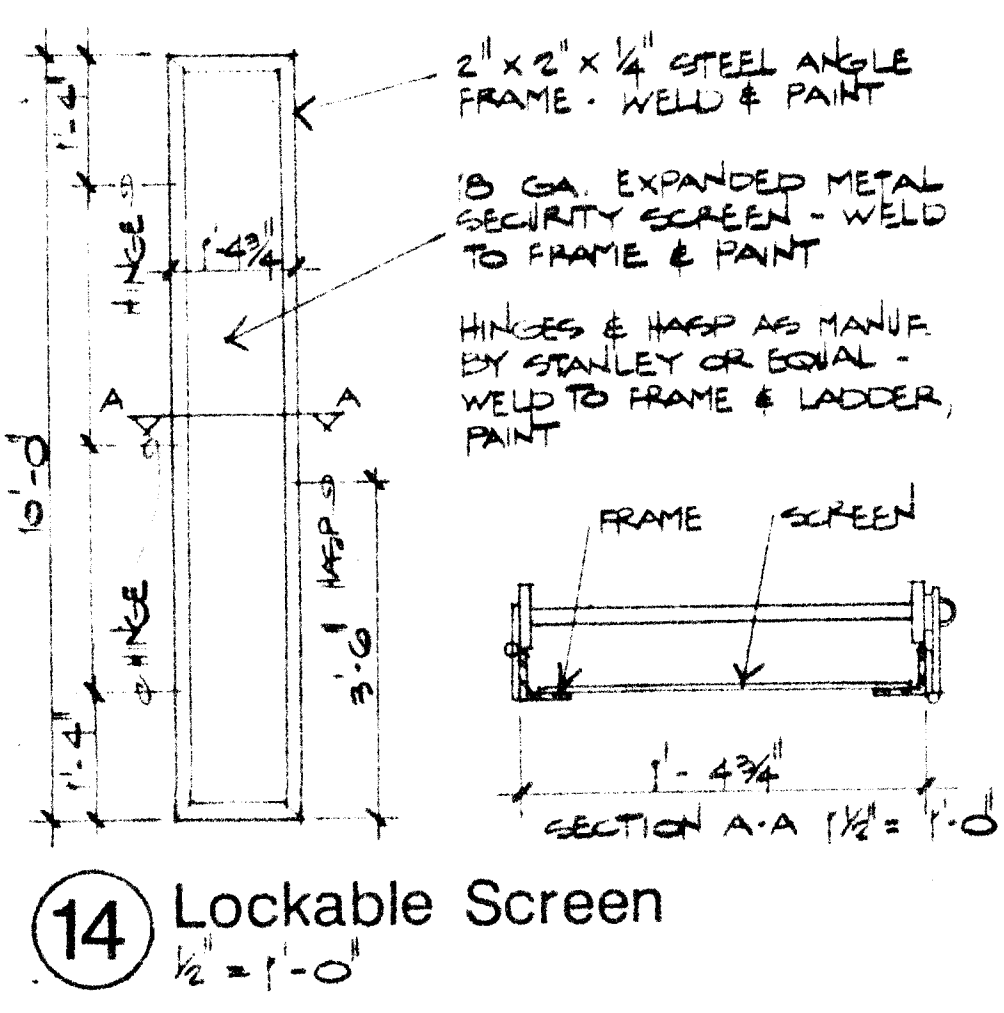
3 Head
1 1/2" = 1'-0"



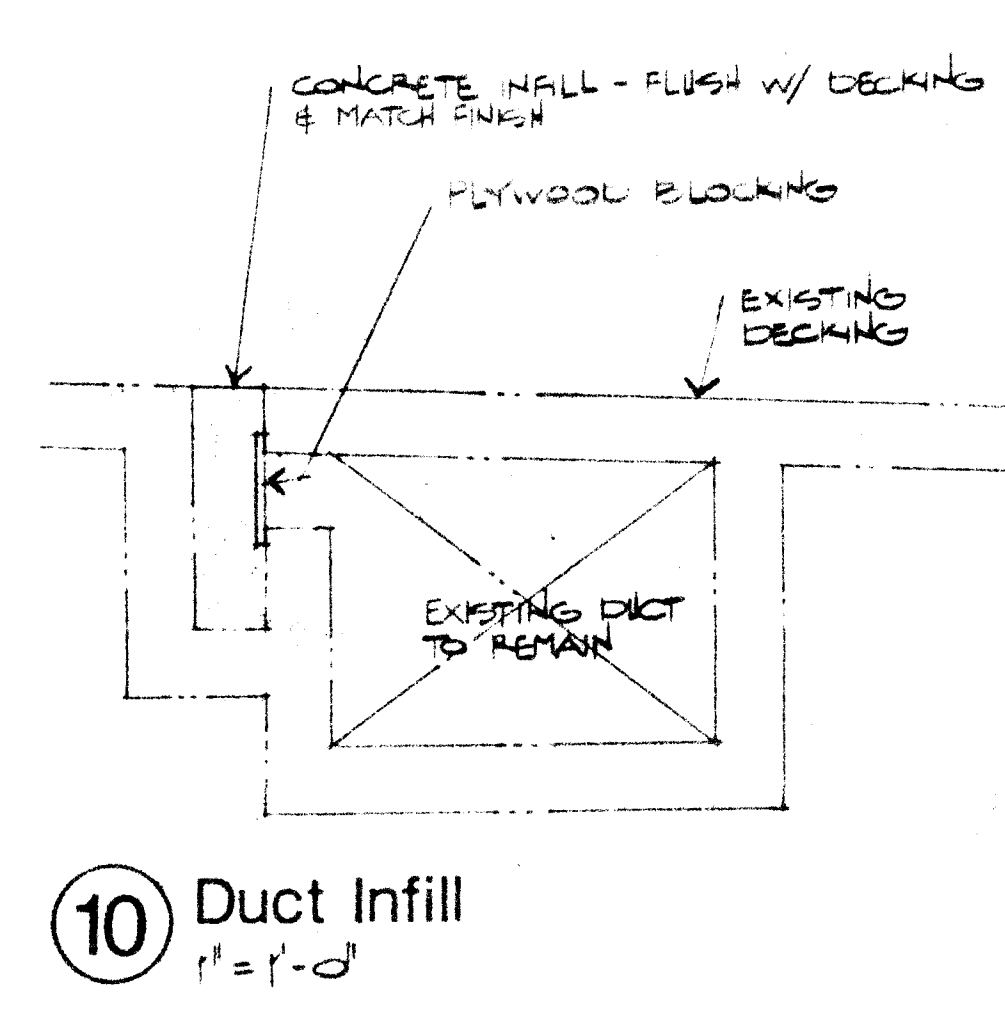
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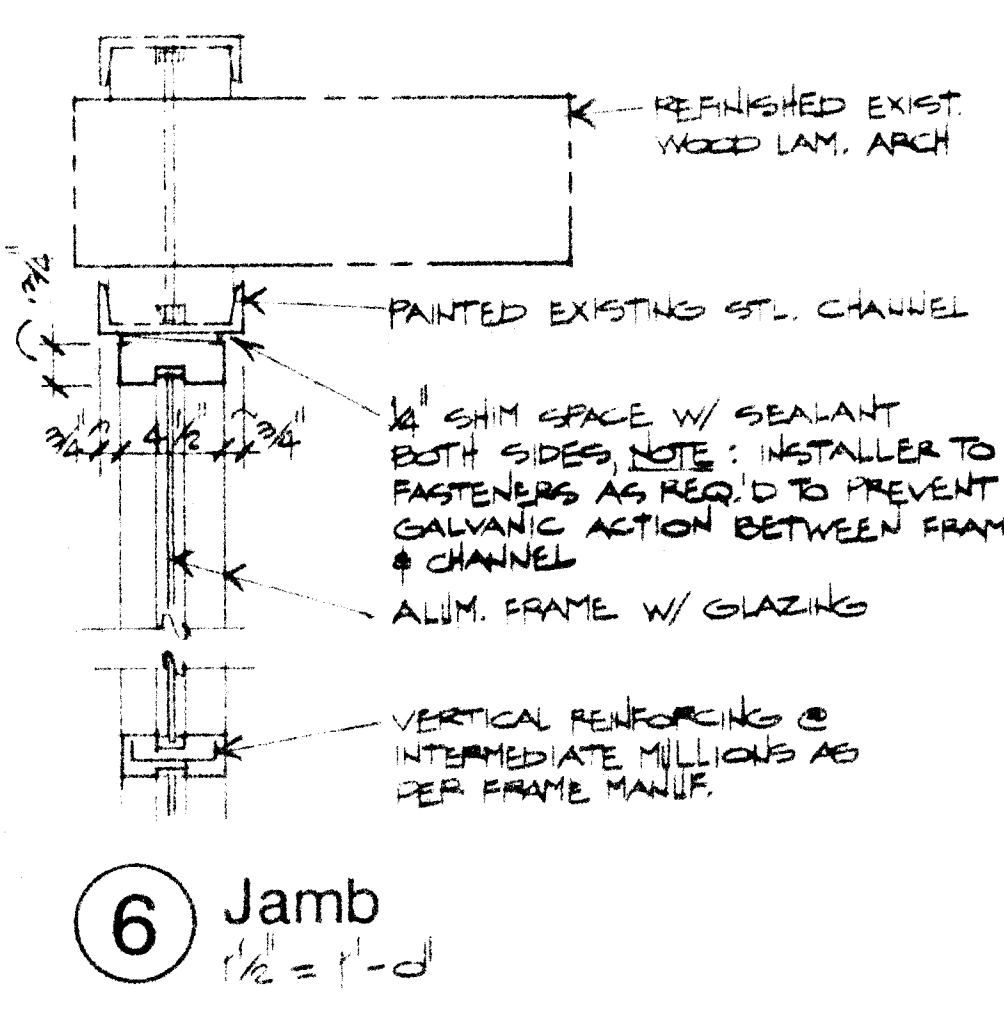
18 Light Retrieval
1/8" = 1'-0"



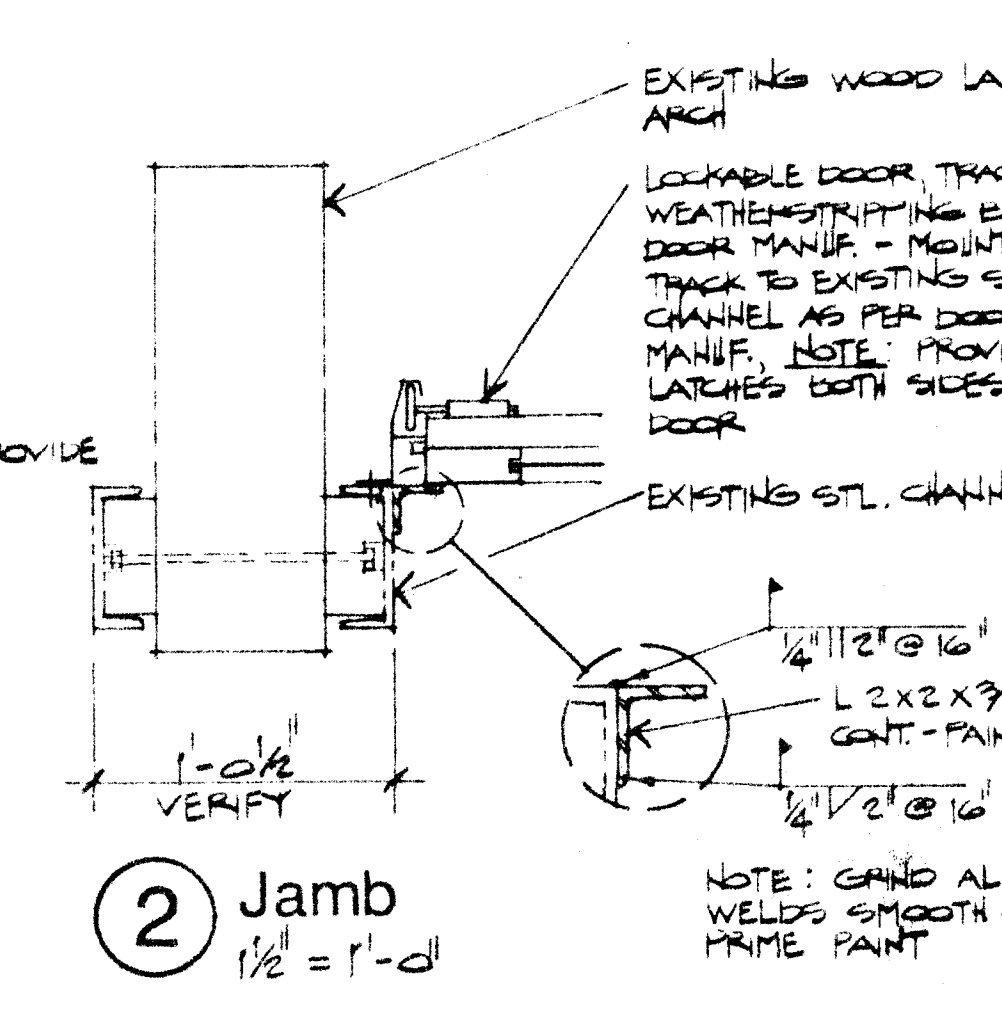
14 Lockable Screen
1/2" = 1'-0"



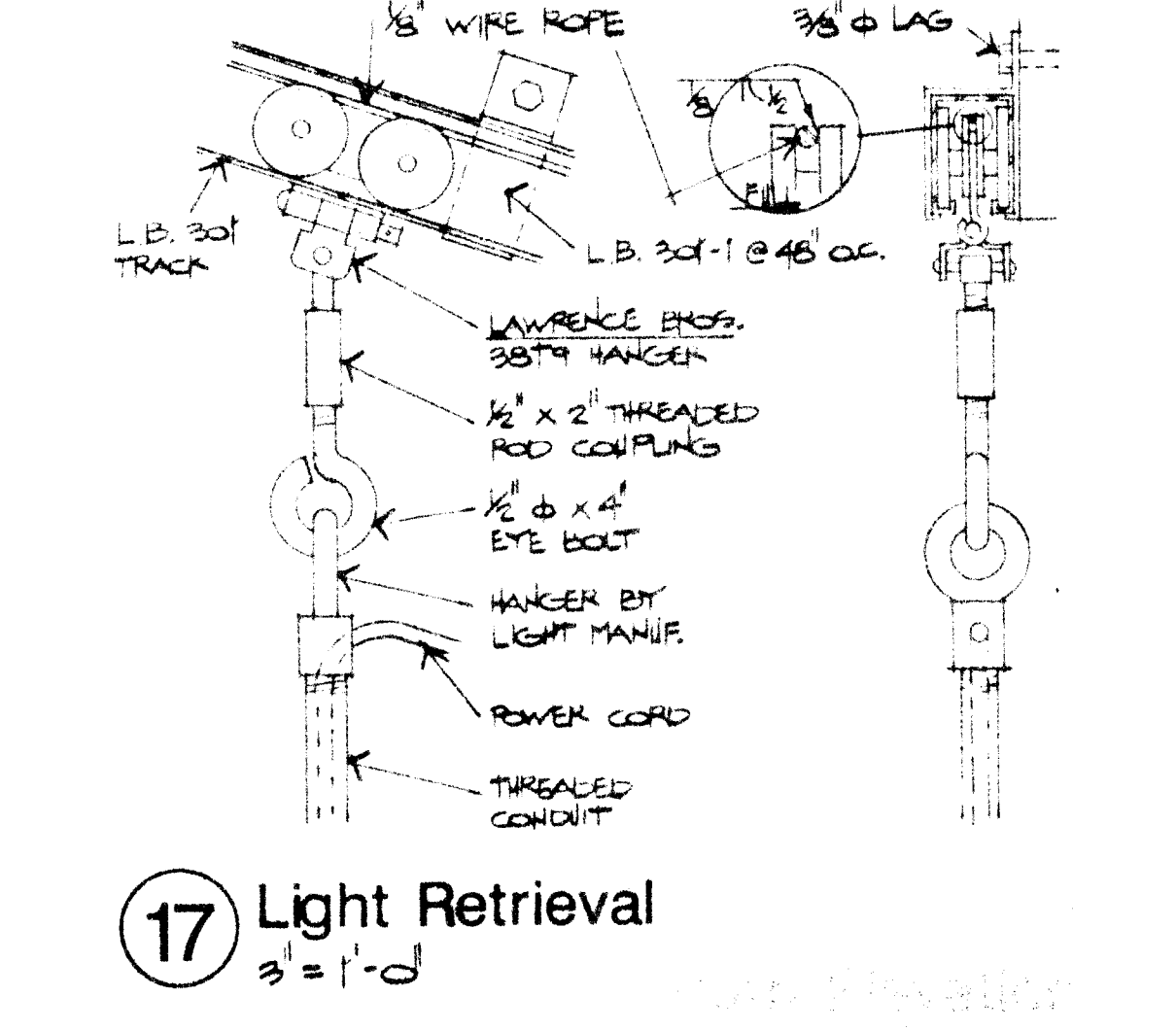
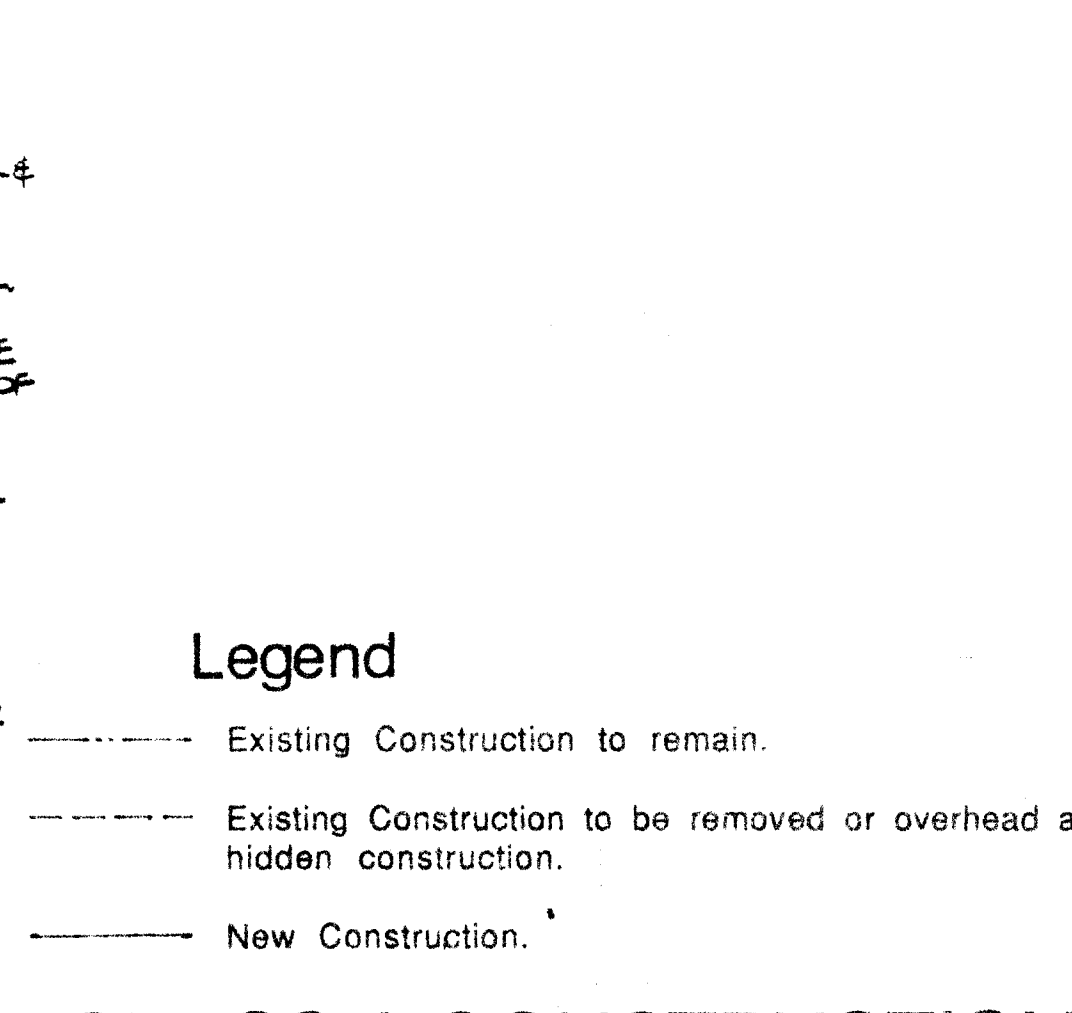
10 Duct Infill
1' = 1'-0"



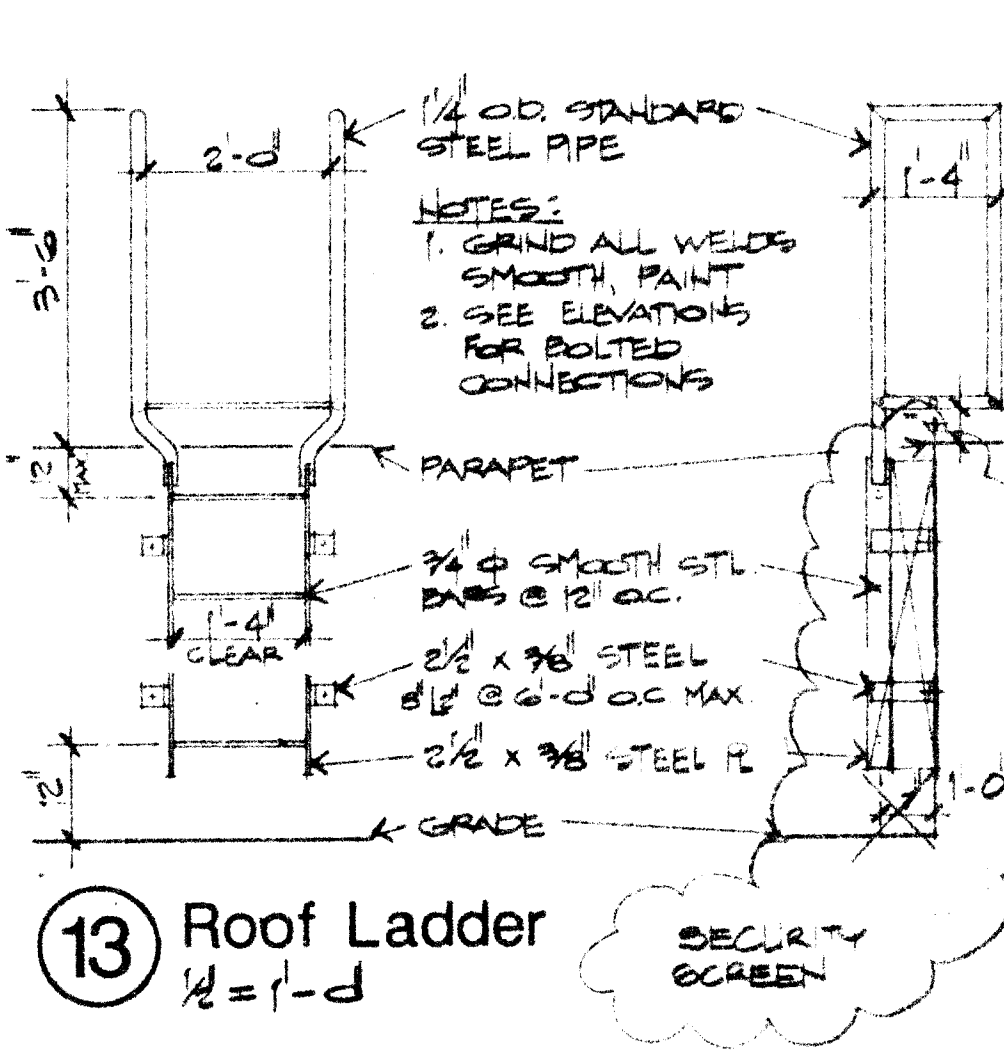
6 Jamb
1/2" = 1'-0"



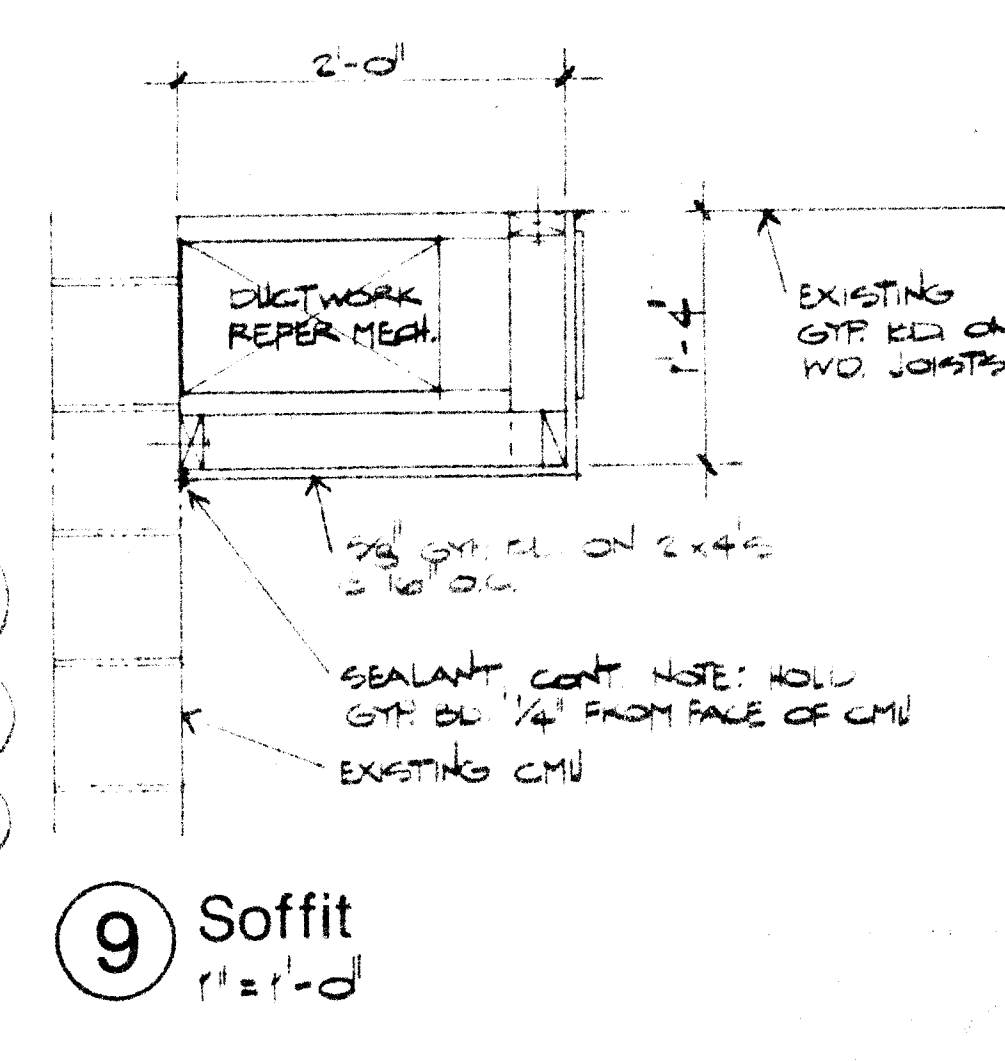
2 Jamb
1 1/2" = 1'-0"



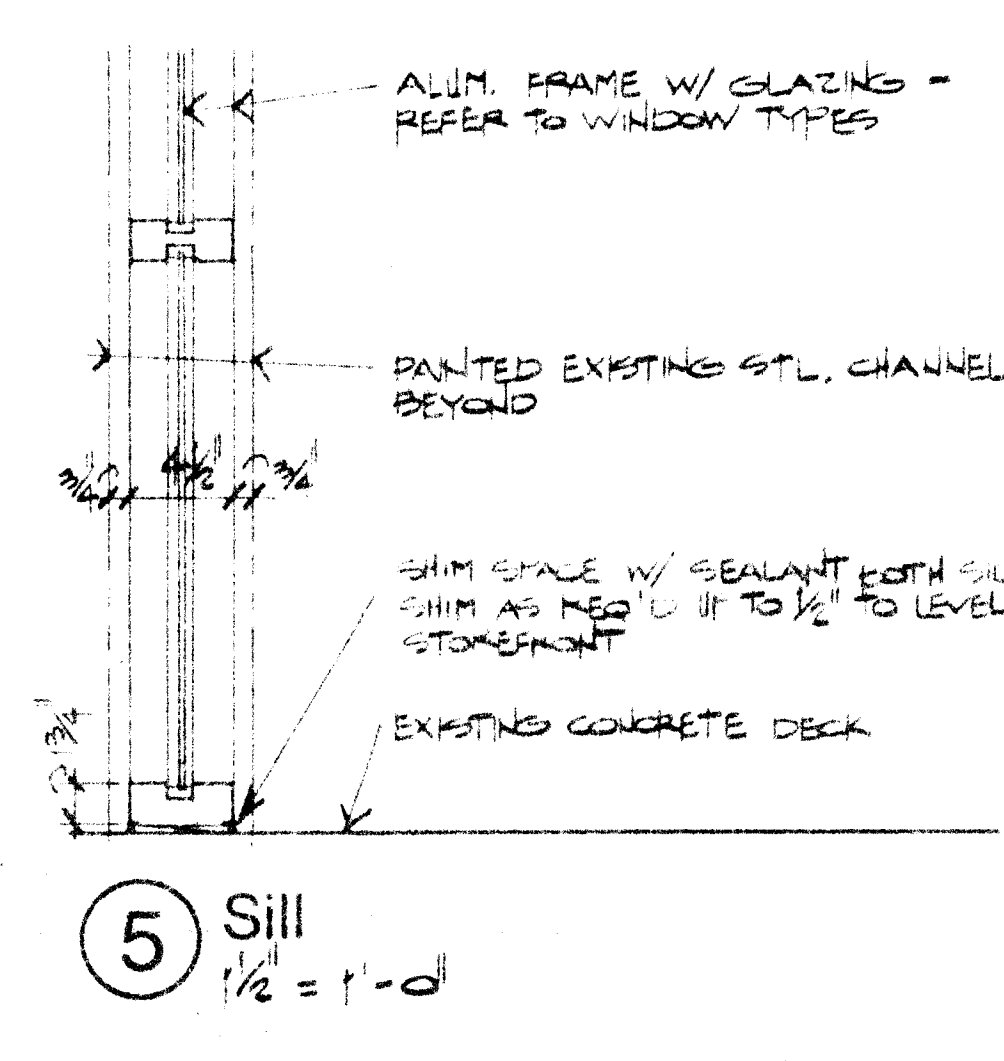
17 Light Retrieval
3/8" = 1'-0"



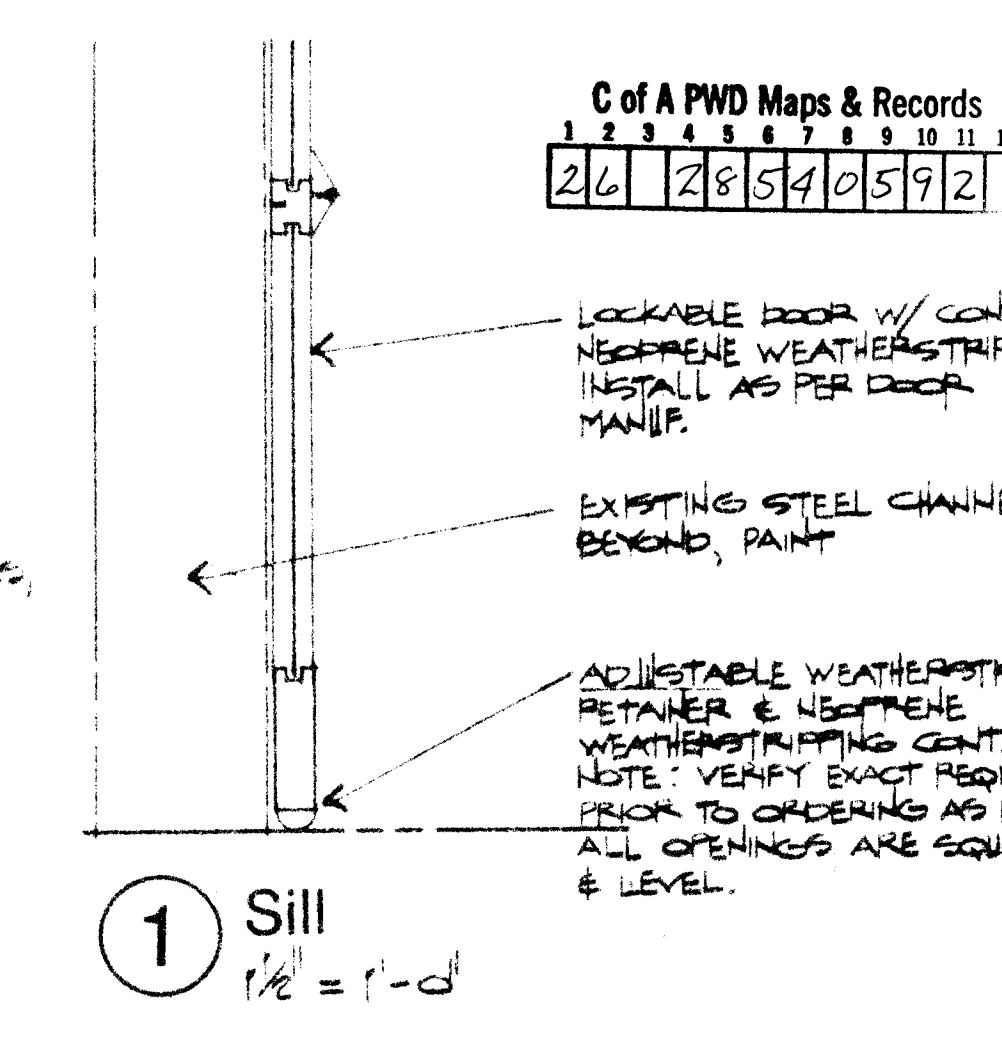
13 Roof Ladder
1/2" = 1'-0"



9 Soffit
1' = 1'-0"



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



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

CLASS I CONSTRUCTION

no.	date	revision
1	4/1/02	RECORD DRAWINGS

de ker & associates p.c.
architect • planning • engineering • interior & graphic design • technical programming
4801 American Parkway N.E. Suite 275, Albuquerque, N.M. 87110 Tel: 505.658.3111 Fax: 505.658.3111

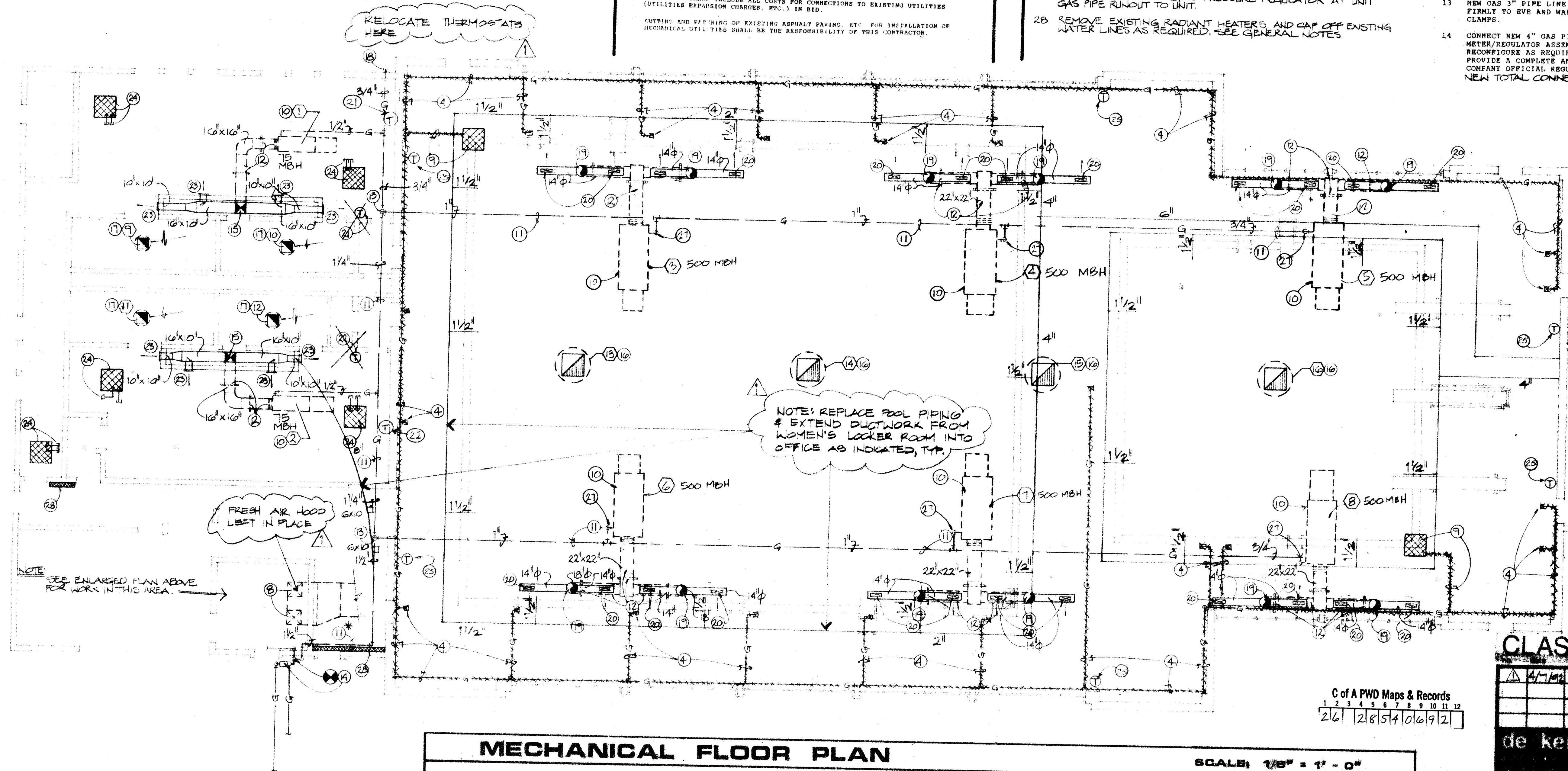
Valley Pool Renovation
Parks & Recreation
City of Albuquerque (City Project No: 2854)

Details

job no.	880005.03
dm. by	RAW
chk. by	GJF
issued	6/12/91
sheet	A-4

ENLARGED PLAN DEMOLITION- MECHANICAL ROOM

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



CONTRACTOR NOTE:

THESE DRAWINGS REFLECT INFORMATION ON UTILITIES GATHERED BY SITE INSPECTION AND PREVIOUS CONSTRUCTION DRAWINGS. IT IS POSSIBLE THAT THE EXISTING LOCATION OF LINES IN THE IMMEDIATE VICINITY OF THE PROPOSED BUILDING MAY BE SLIGHTLY DIFFERENT FROM THE LOCATION SHOWN ON THESE DRAWINGS. IF ADDITIONAL LINES ARE ENCOUNTERED, THEY SHALL BE EXPOSED AND IDENTIFIED BY THIS CONTRACTOR. CONTRACTOR SHALL REQUEST THAT THE ARCHITECT ADVISE OF ANY CHANGES TO THE DISPOSITION OF SUCH LINES. LOCAL UTILITY OFFICIALS SHALL BE THE SOLE AUTHORITY IN RULING ON ANY DISPOSITION OF SUCH LINES. CONTRACTOR SHALL BE RESPONSIBLE FOR INTERFERING UTILITIES BY THIS CONTRACTOR UNDER THIS CONTRACT. ALL RIDDERS ARE CAUTIONED TO INVESTIGATE SITE CONDITIONS BEFORE SUBMITTING THEIR BIDS.

GENERAL PLUMBING NOTES (APPLICABLE TO ALL PLUMBING SHEETS): VALVE POOL. ALL PIPING SHALL BE CONCEALED WHERE POSSIBLE. ALL EXPOSED PIPING, WHERE CONCEALMENT IS NOT POSSIBLE, SHALL BE INSTALLED AND PAINTED AS DIRECTED BY THE ARCHITECT.

ALL BRANCHES SHALL BE VALVED AND ALL VALVES SHALL HAVE UNIONS ADJACENT. ACCESS PANELS AND DOORS SHALL BE FURNISHED TO GENERAL CONTRACTOR FOR INSTALLATION AND ACCESS TO VALVES WHERE REQUIRED. LOCATE ADDITIONAL VALVES AS SHOWN ON DRAWINGS. SEE SPECIFICATIONS FOR ACCESS DOOR REQUIREMENTS.

SECURE ALL PIPING TO WALLS FOR A RIGID INSTALLATION WITH UNISTRUT BRACKETS AND GASKETED PIPE CLAMPS.

CARE SHALL BE TAKEN TO AVOID MECHANICAL DUCTWORK, ELECTRICAL EQUIPMENT AND AIR HANDLING EQUIPMENT ABOVE CEILING. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING ROUTING OF PIPING WITH CEILING CONTRACTOR AND SHEETMETAL CONTRACTOR. RELOCATION OF PIPING AS A RESULT OF COORDINATION BY THIS CONTRACTOR SHALL BE AT THIS OWNERS RISK.

NO WATER PIPING SHALL BE LOCATED IN OUTSIDE WALLS, UNLESS SHOWN TO BE AND THEN PIPING TO BE INSULATED AND LOCATED AS CLOSE AS POSSIBLE TO INSIDE OF WALL CAVITY WITH ADDITIONAL INSULATION BETWEEN PIPING AND EXTERIOR OF WALL. ALL TRENCHING AND BACKFILL FOR PIPING SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

UTILITIES CONNECTION POINTS ARE APPROXIMATE ONLY. EACH BIDDER SHALL SATISFY HIMSELF AS TO EXISTING SITE CONDITIONS BEFORE SUBMITTING HIS BID. NO ALLOWANCE SHALL BE MADE AFTER THE CONTRACT IS AWARDED FOR LACK OF PRE-BID INSPECTION OF THE SITE BY THE SUCCESSFUL BIDDER. THIS CONTRACTOR SHALL COORDINATE CUT-OFF OF EXISTING UTILITIES FOR NEW CONNECTIONS WITH CITY OF ALBUQUERQUE ENGINEERING OFFICIALS AND OWNER, AND SHALL CONFORM TO THEIR REQUIREMENTS.

CONTRACTOR SHALL INCLUDE ALL COSTS FOR CONNECTIONS TO EXISTING UTILITIES (UTILITIES EXPANSION CHARGES, ETC.) IN BID.

CUTTING AND PITCHING OF EXISTING ASPHALT PAVING, ETC. FOR INSTALLATION OF MECHANICAL UTILITIES SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR.

- 15 16" X 16" DUCT THRU ROOF PENETRATION. SEE DUCT THRU ROOF DETAIL FOR INSTALLATION.
- 16 POWER ROOF EXHAUSTER. SEE SECTION OF CURB AND UNIT CONNECTION DETAIL. REMOVE EXISTING HUMIDISTAT LOCATED IN EXISTING CURB. SEE DETAIL BEFORE MENTIONED ABOVE. SEE EQUIPMENT SCHEDULE.
- 17 POWER ROOF EXHAUSTER. SEE EQUIPMENT SCHEDULE. SEE EXHAUST FAN DETAIL FOR INSTALLATION. EXHAUST DUCT FROM UNIT CONNECTION SHALL TRANSITION AS REQUIRED TO 12" X 12" EXHAUST GRILLE. SEE GRILLE AND DIFFUSER SCHEDULE.
- 18 NEW 2" GAS PIPE LINE TO DROP HERE TO SERVICE NEW MECHANICAL ROOM/WADING POOL. CAP GAS LINE 2" ABOVE FLOOR FOR FUTURE CONNECTION. SECURE PIPING FIRMLY TO WALL USING UNISTRUT BRACKETS AND GASKETED PIPE CLAMPS.
- 19 18" 4" ROUND DUCT ROOF PENETRATION TO EXPOSED 14" 4" ROUND DUCT BELOW (SIZED AS SHOWN ON PLAN). SEE DUCT THRU ROOF PENETRATION DETAIL. REFER TO ARCHITECTURAL DETAIL 11/A-4 FOR EXACT HEIGHT AND POSITION.
- 20 6" X 12" TYPE [C] DRUM PUNKAH SUPPLY DIFFUSER. 1050 CFM. SEE GRILLE AND DIFFUSER SCHEDULE.
- 21 THERMOSTAT LOCATION FOR MAKE-UP AIR UNIT (7). MOUNT 8'-4" A.F.F. PROVIDE METAL LOCKING COVER.
- 22 THERMOSTAT LOCATION FOR MAKE-UP AIR UNIT (8). MOUNT 8'-4" A.F.F. PROVIDE METAL LOCKING COVER.
- 23 14" X 10" TYPE [A] SIDEWALL SUPPLY DIFFUSER. 325 CFM. SEE GRILLE AND DIFFUSER SCHEDULE.
- 24 REMOVE EXISTING RADIANT HEATERS AND CAP OFF EXISTING WATER LINES ABOVE CEILING. SEE GENERAL NOTES.
- 25 THERMOSTAT LOCATIONS.
- 26 EXISTING HOT WATER HEATER TO REMAIN. MOUNT 8'-4" A.F.F.
- 27 UNIT GAS CONNECTION. CONTRACTOR TO VERIFY UNIT LOCATION. PROVIDE GAS PRESSURE REGULATOR AT UNIT GAS PIPE RUNOUT TO UNIT.
- 28 REMOVE EXISTING RADIANT HEATERS AND CAP OFF EXISTING WATER LINES AS REQUIRED. SEE GENERAL NOTES.

KEY NOTES:

- 1 EXISTING MECHANICAL ROOM EQUIPMENT TO BE REMOVED.
- 2 EXISTING HEATING UNIT SHALL HAVE WATER, GAS, AND POWER ABANDONED AND CAPPED AS REQUIRED AT APPROXIMATE POINT OF UNIT CONNECTIONS.
- 3 CONTRACTOR SHALL VERIFY ALL PIPING CONNECTIONS, SIZES, ETC. TO UNIT TO BE REMOVED; TO CAP OFF LINES AS REQUIRED.
- 4 ALL EXPOSED INTERIOR WALL/HUNG ATTACHED GAS PIPE LINE AND ATTACHMENTS SHALL BE REMOVED. SEE GENERAL NOTES. REPAIR HOLE AS PER ARCH.
- 5 REMOVE (2) TWO 28" X 48" EXISTING JENN-AIR FRESH AIR HOOD AND DUCT THRU ROOF. CAP OFF EXISTING (2) TWO 28" X 28" DUCT OPENING. PATCH AND REPAIR ROOF OPENING AS PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- 6 EXISTING (4) FOUR 28" X 32" RETURN AIR DUCTS TO REMAIN IN PLACE.
- 7 REMOVE EXISTING (4) FOUR 28" X 32" RETURN AIR GRILLES, MOTORIZED DAMPER AND REMOVABLE CORE. PATCH AND REPAIR WALL OPENINGS AS PER ARCHITECTURAL DRAWINGS AND SPECIFICATIONS.
- 8 EXISTING FLOOR DUCT UNIT CONNECTIONS, TO REMAIN.
- 9 REMOVE EXISTING CEILING HUNG UNIT HEATER AND REMOVE EXISTING GAS PIPING LINE. CONTRACTOR IS TO VERIFY ALL CONDITIONS BEFORE REMOVAL OF UNITS AND REMOVAL OF GAS LINE, AND FLUE, ETC. SEE ARCHITECTURAL DRAWINGS AND SPECIFICATIONS FOR PATCHING AND REPAIR OF EXISTING CEILING DECK AND ROOF SURFACES, WALL AND SURFACES. SEE KEYED NOTE (4).
- 10 ROOFTOP MOUNTED MAKE-UP AIR UNIT. SEE EQUIPMENT SCHEDULE. SEE ROOFTOP UNIT MOUNTING DETAILS FOR POSITION AND PLACEMENT.
- 11 GAS PIPE LINE ON ROOF AS SIZED ON PLAN. GAS LINE IS TO BE CLAMP SUPPORTED TO TOP RAIL OF MOUNTING APPARATUS. SEE ROOFTOP UNIT MOUNTING DETAIL AND PIP ON ROOF DETAIL.
- 12 EXPOSED SUPPLY DUCT WITH 1/2" WALL ON INSIDE OF SUPPLY DUCT SUPPORTS AS SHOWN ON PLAN. PROVIDE FLEXIBLE CONNECTION AT UNIT. SEE SUPPLY DUCT SUPPORT DETAIL.
- 13 NEW GAS 3" PIPE LINE TO DROP HERE TO LOWER ROOF LEVEL. SECURE PIPING FIRMLY TO EVE AND WALL USING UNISTRUT BRACKETS AND GASKETED PIPE CLAMPS.
- 14 CONNECT NEW 4" GAS PIPING AT THIS APPROXIMATE LOCATION AT EXISTING GAS METER/REGULATOR ASSEMBLY. FIELD VERIFY EXISTING CAPACITY AND RECONFIGURE AS REQUIRED TO CARRY ADDITIONAL LOAD. CONTRACTOR SHALL PROVIDE A COMPLETE AND OPERABLE SYSTEM. ACCORDING TO LOCAL GAS COMPANY OFFICIAL REGULATIONS. INCLUDE ALL COSTS IN BID. NEW TOTAL CONNECTED LOAD IS 5550 CFH.

MECHANICAL FLOOR PLAN

GENERAL NOTES:

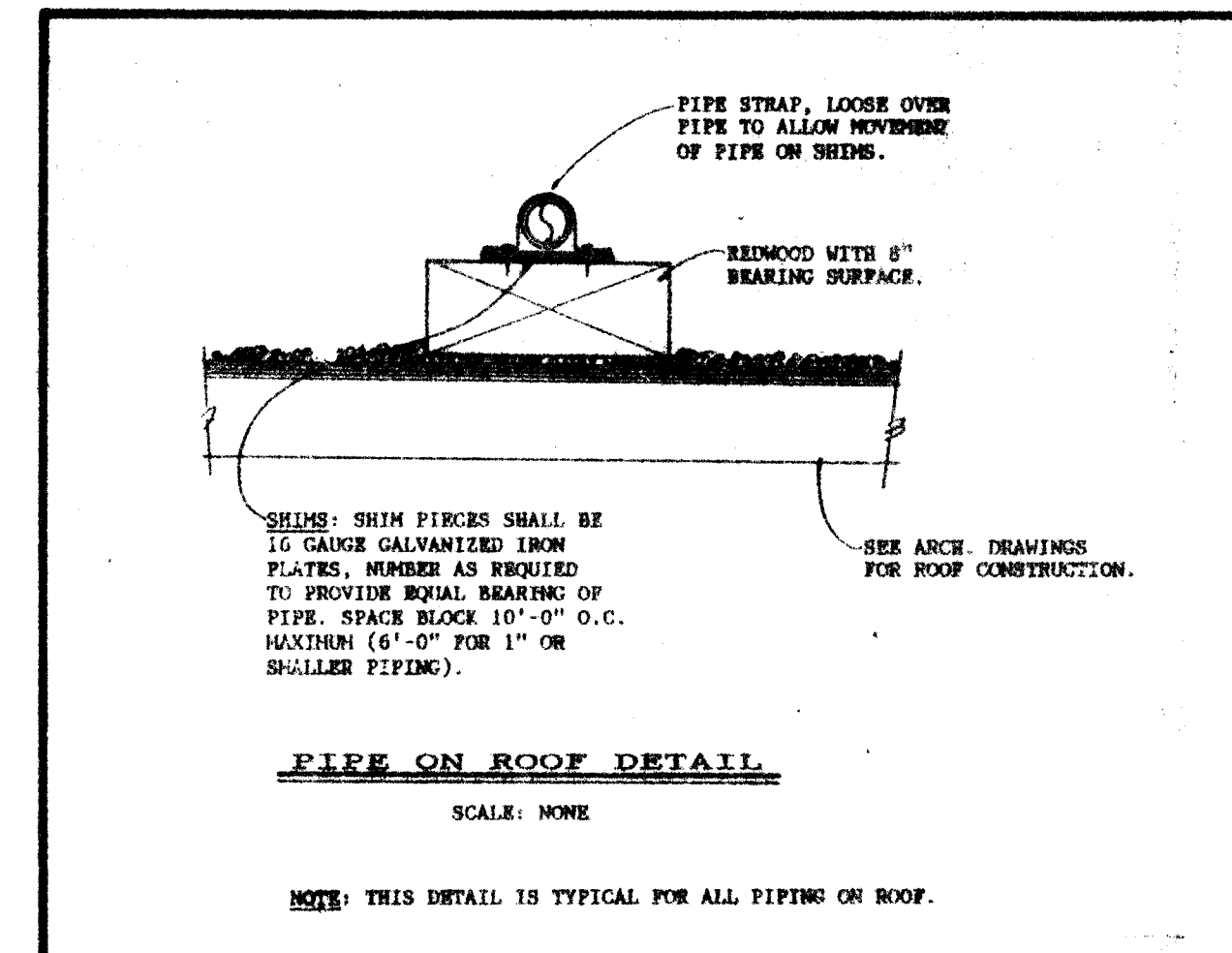
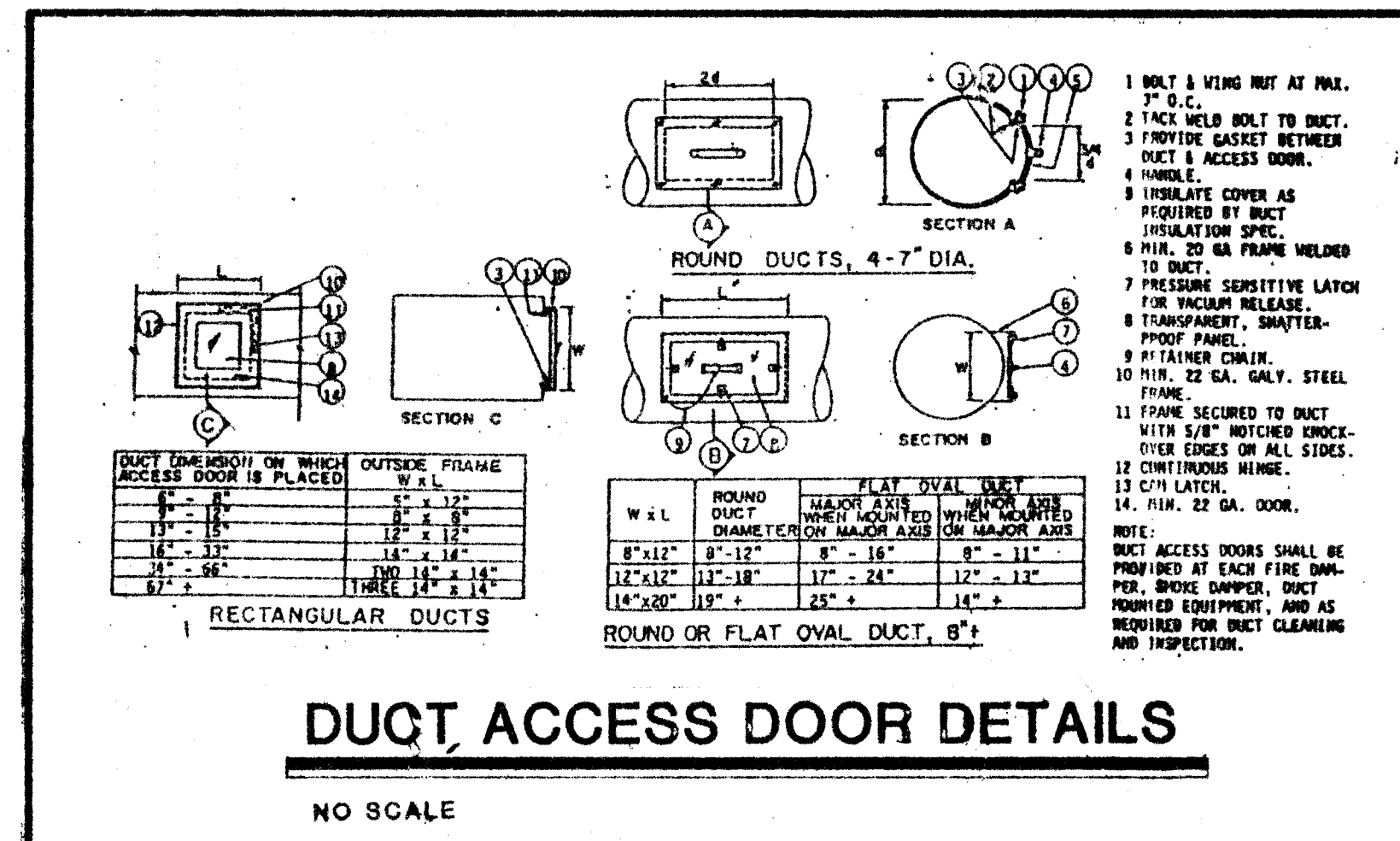
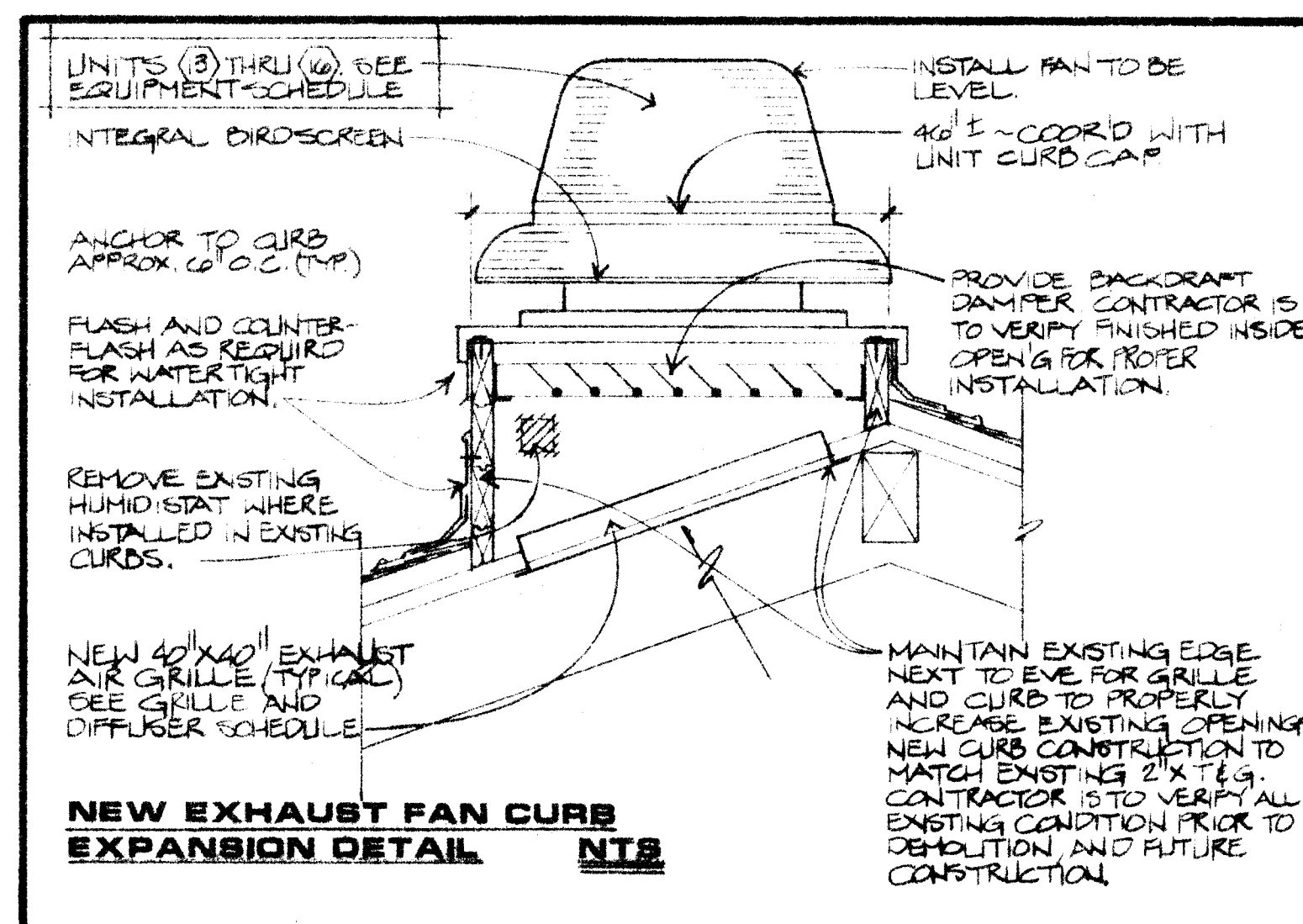
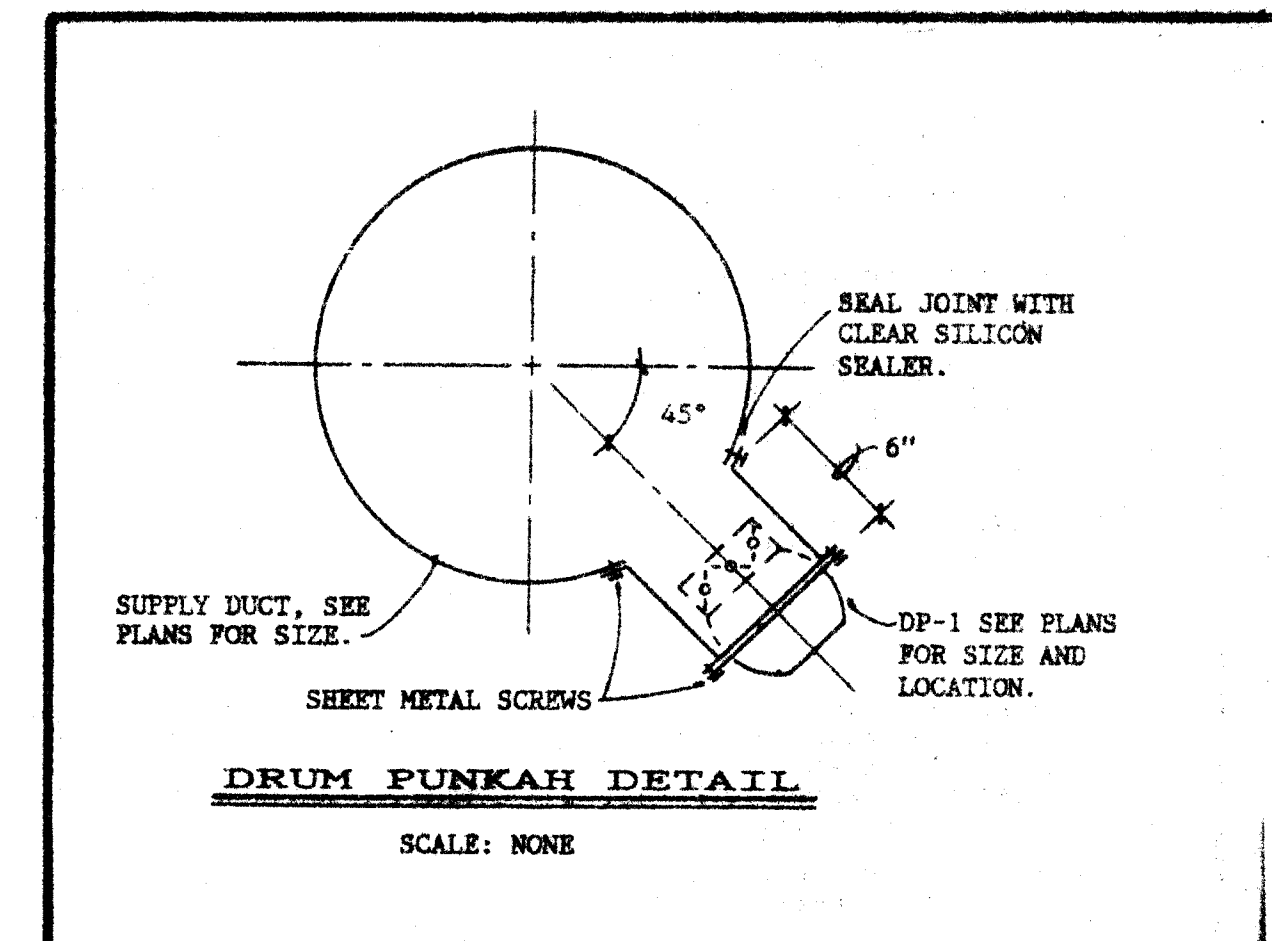
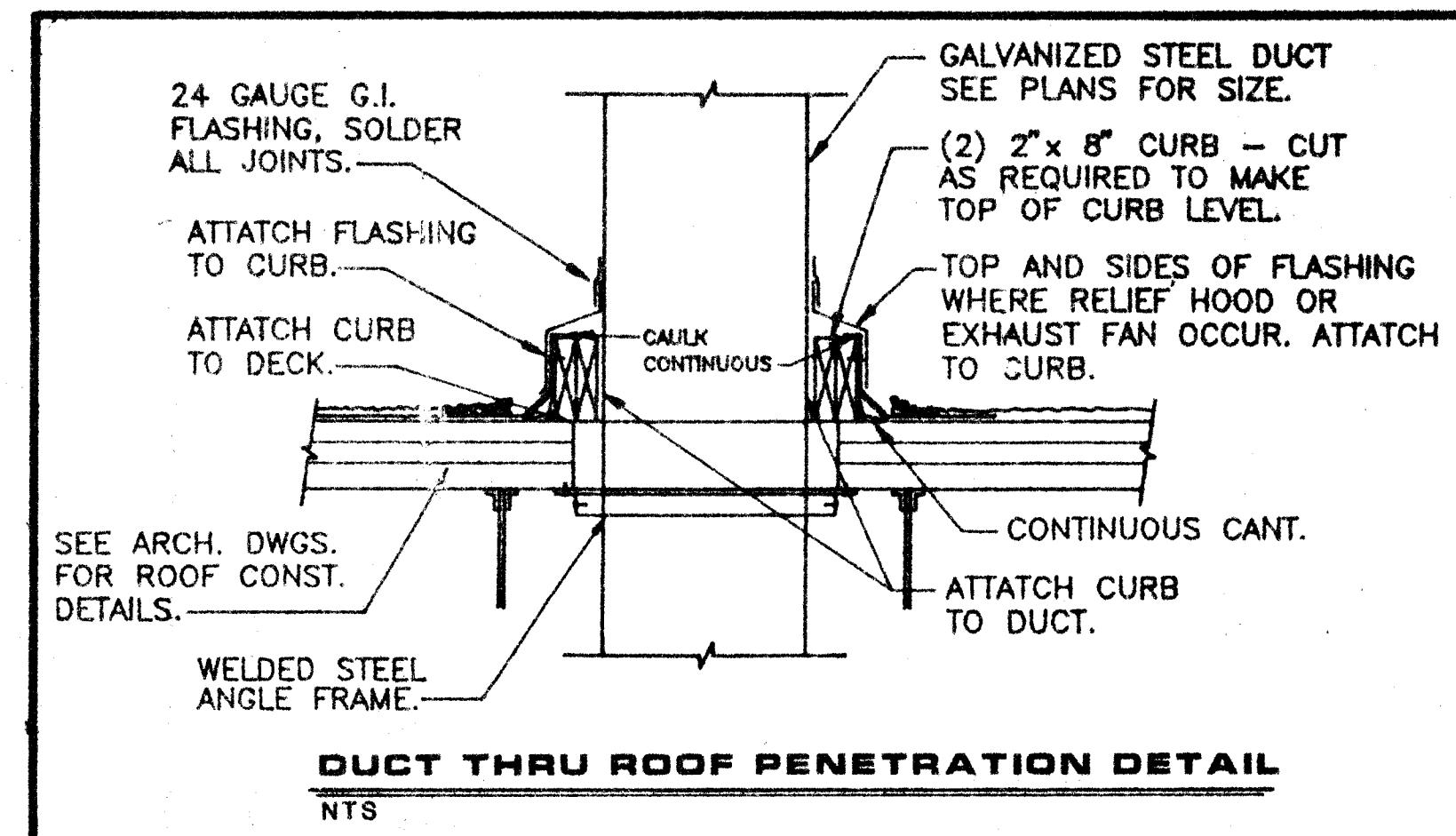
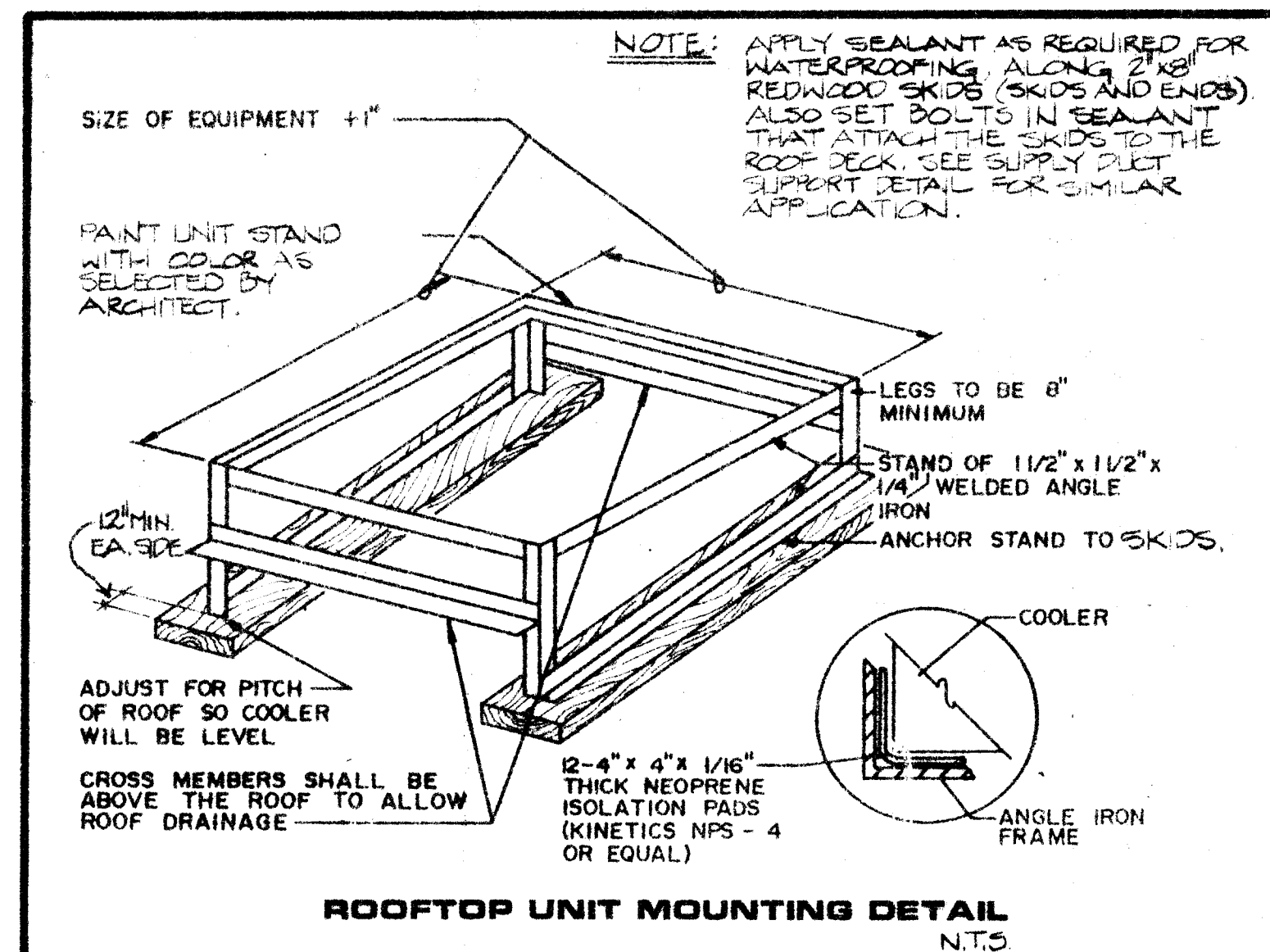
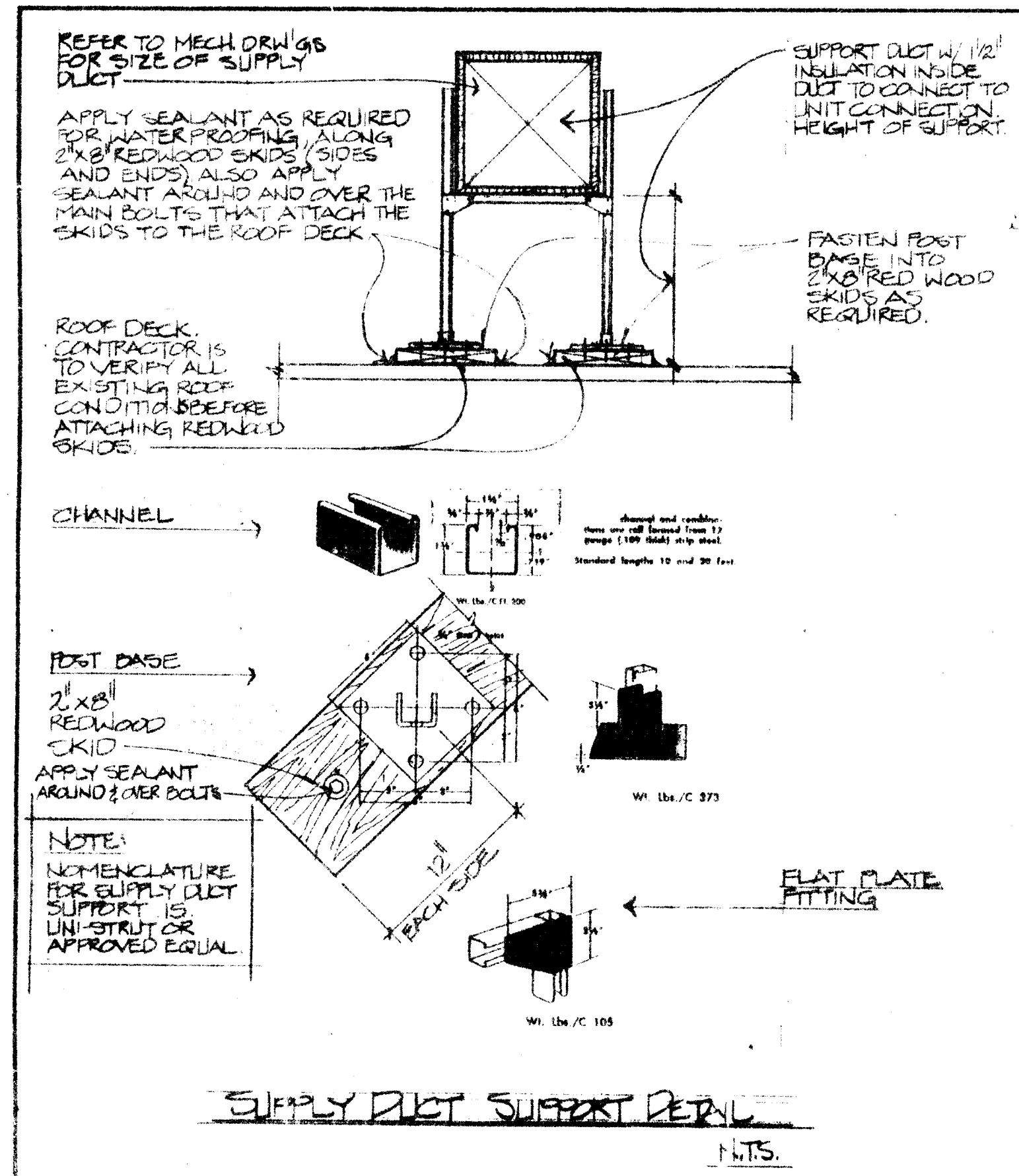
1. ALL DUCT DIMENSIONS SHOWN ON DRAWINGS ARE NET INSIDE DIMENSIONS.
2. EXACT LOCATION OF ALL GRILLES, DIFFUSERS, AND REGISTERS SHALL BE COORDINATED WITH STRUCTURE. SEE MOUNTING DETAILS.
3. PROVIDE TURNING VANES IN ALL SQUARE (90 DEGREE) ELBOWS.
4. ALL ROUND RUNOUTS AND DROPS TO DIFFUSERS SHALL BE THE SAME NOMINAL SIZE AS THE SCHEDULED DIFFUSER NECK SIZE, UNLESS OTHERWISE NOTED ON DRAWINGS.
5. ALL JOINTS AND SEAMS ON LOW VELOCITY SUPPLY, RETURN AND EXHAUST DUCTS, ROUND OR RECTANGULAR, MUST BE SEALED AIR TIGHT USING LOW VELOCITY TAPE, HARDCAST O.A.E.
6. WHERE EXISTING EQUIPMENT AND PIPING ARE REMOVED AND NOT DESIGNATED FOR RE-USE, THAT EQUIPMENT AND PIPING SHALL BE DELIVERED TO AREA DESIGNATED BY OWNER'S REPRESENTATIVE.
7. CONTRACTOR SHALL COORDINATE AIR CONDITIONING DUCTWORK, PLUMBING, TO AVOID CONFLICTS AND MAINTAIN EQUIPMENT ACCESS AND SERVICEABILITY.
8. CONTRACTOR SHALL FURNISH ALL NECESSARY STRUCTURES, INSERTS, SLEEVES, AND HANGING DEVICES FOR INSTALLATION OF MECHANICAL AND PLUMBING EQUIPMENT, DUCTWORK AND PIPING, ETC. CONTRACTOR SHALL COORDINATE INSTALLATION OF SUCH DEVICES WITH GENERAL CONTRACTOR. CONTRACTOR MUST FURTHER VERIFY WITH THE STRUCTURAL ENGINEER THAT THE DEVICES ARE ADEQUATE AS INTENDED AND DO NOT OVERLOAD THE BUILDING'S STRUCTURAL COMPONENTS IN ANY WAY.
9. PROVIDE ALL NECESSARY FITTINGS FOR RISES AND OFFSETS IN DUCTWORK AND PIPING FOR PROPER INSTALLATION.

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

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CLASS I CONSTRUCTION

RECORD DRAWINGS	
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Valley Pool Renovation	
[City Project No. 2024]	
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M-1	



GRILLE AND DIFFUSER SCHEDULE

GENERAL NOTES: GRILLES, REGISTERS AND DIFFUSERS SHALL BE FABRICATED OF ALUMINUM. ONLY ALUMINUM SHALL BE USED ON EXHAUST OR RETURN REGISTERS OR GRILLES WHERE HEAVY CONCENTRATIONS OF MOISTURE ARE PRESENT, I.E., SHOWER ROOMS, CARTWASHER, ETC. STEEL GRILLES, DIFFUSERS AND REGISTERS SHALL RECEIVE A ZINC PHOSPHATE PRIME COAT AND A BAKED WHITE ENAMEL FINISH. ALUMINUM GRILLES, DIFFUSERS AND REGISTERS SHALL ALSO BE FINISHED IN BASE PRIMER COAT. COLOR TO BE SELECTED BY ARCHITECT. THE TYPE OF GRILLE, DIFFUSER, OR REGISTER IS SHOWN BY SYMBOL NUMBER ON THE DRAWINGS. ALL SYMBOL NUMBERS SHALL BE CROSS CHECKED AGAINST THE ARCHITECTURAL ROOM FINISH SCHEDULE WHICH SHALL GOVERN IN THE EVENT OF CONFLICT. DISCREPANCIES SHALL BE CLEARLY NOTED ON THE SUBMITTALS. EQUIPMENT MANUFACTURED BY CARNES, KRUEGER, BARBER COLMAN AND TITUS IS ACCEPTABLE. OTHER MANUFACTURERS SHALL BE ACCEPTED BY PRIOR APPROVAL ONLY. GRILLES AND DIFFUSERS REQUIRING FIRE RADIATION DAMPER ASSEMBLIES SHALL BE INSTALLED IN ACCORDANCE WITH SECTION 15600 OF THE SPECIFICATIONS AT THE LOCATIONS SHOWN ON THE DRAWINGS.

A. SIDEWALL SUPPLY REGISTER: DOUBLE DEFLECTION TYPE WITH HORIZONTAL FACE BARS AND OPPOSED BLADE DAMPER WITH REMOVABLE KEY OPERATOR, 1-1/4" FLAT HANGIN, 3/4" BAR SPACING, PRIMER BASE COAT, ALUMINUM AND SIZED AS SHOWN ON THE DRAWINGS. KRUEGER 580-580H, CARNES 200-H, TITUS 272-RL5, OR APPROVED EQUAL.

B. CEILING EXHAUST REGISTER: ALUMINUM CORE OF 1/2" x 1/2" x 1/2" SQUARES IN AN ALUMINUM FRAME WITH APPROXIMATELY 1-1/2" MARGIN FOR SURFACE MOUNTING. SIZED AS SHOWN ON DRAWINGS WITH OPPOSED BLADE DAMPER. KRUEGER EGC-5-TD, CARNES 6235, TITUS 50-F, BARBER COLMAN TXD OR APPROVED EQUAL.

C. DRUM PUNKAH SUPPLY DIFFUSER: DRUM TYPE WITH 45 DEGREE ANGULAR ADJUSTMENT OF BOTH THE DRUM AND THE VANES, WITH SATIN ANODIZED FINISH, COLOR BY ARCHITECT. EXTRUDED ALUMINUM CONSTRUCTION. SIZES AS SHOWN ON THE DRAWINGS. KRUEGER DPL, OR APPROVED EQUAL.

GENERAL NOTES:

GRILLES AND DIFFUSERS ARE SIZED ON PLAN. SEE KEYED NOTES.

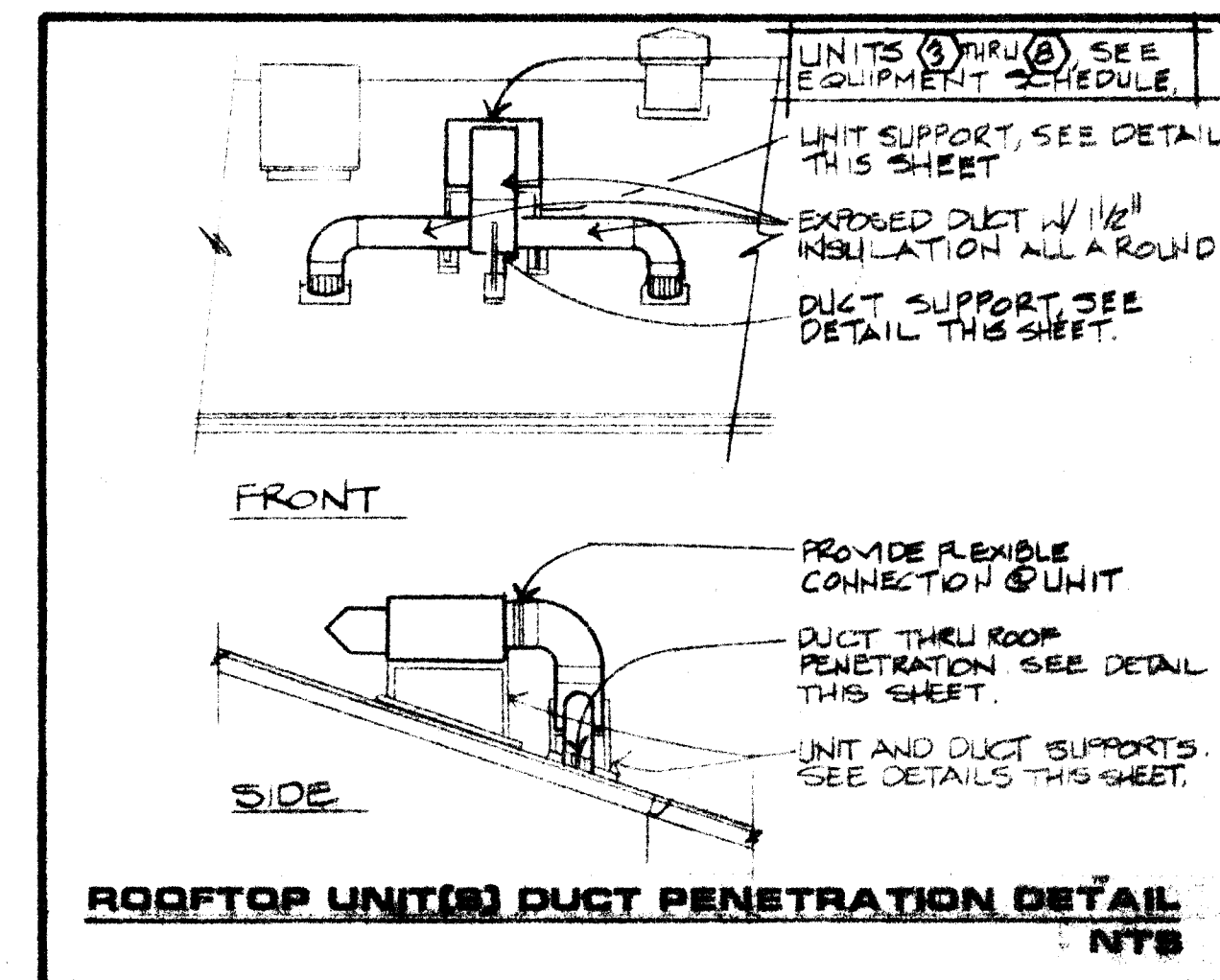
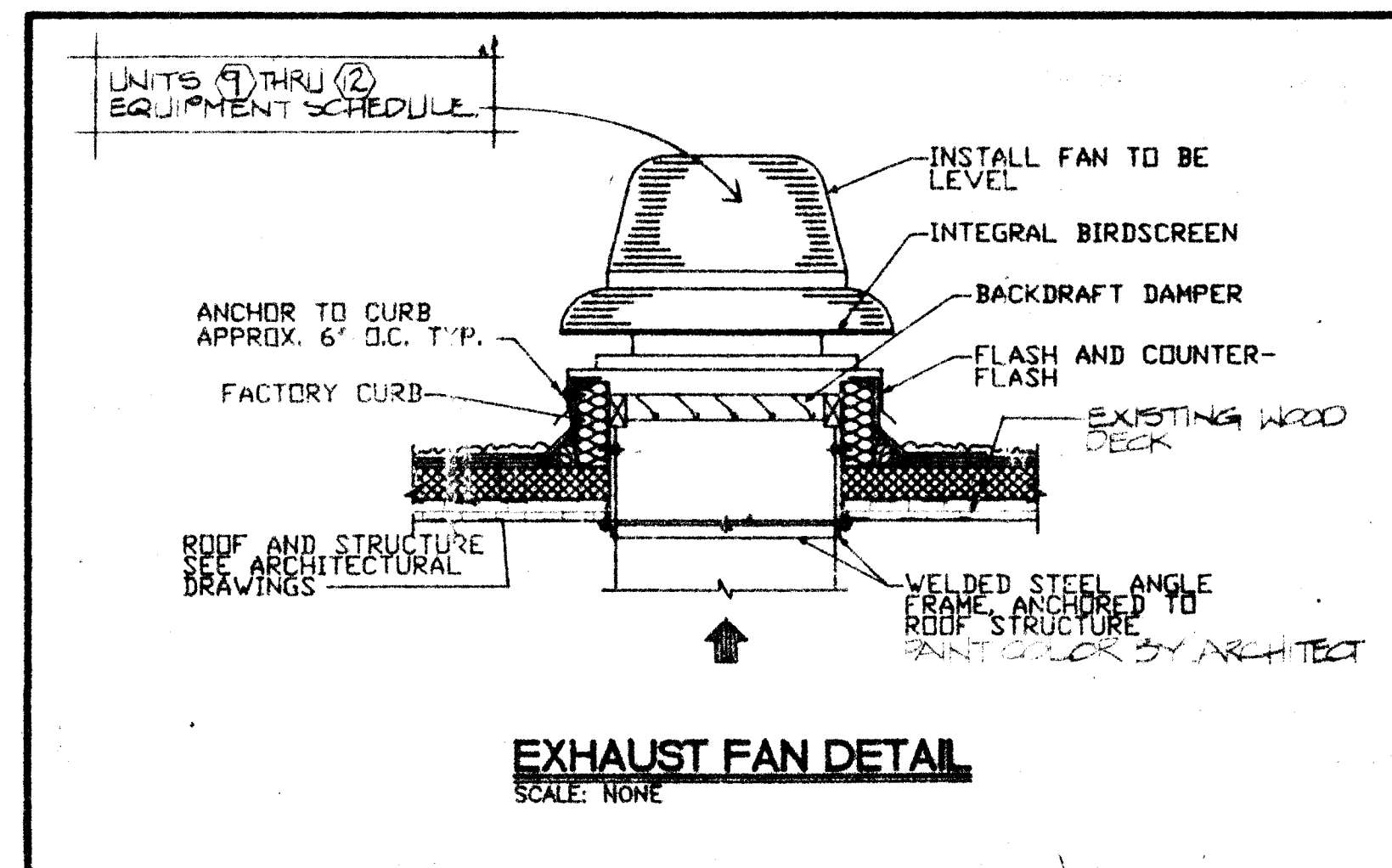
EQUIPMENT SCHEDULE

SYMBOL	DISCRIPTION	BTUH INPUT	BTUH OUTPUT	CFM @ "E.S.P."	H.P.	VOLTAGE	FLA
(1) THRU (8)	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 403 STAINLESS STEEL HEAT EXCHANGER AND BE COMPLETE WITH THROWAWAY FILTERS (FANN TYPE 30/30 OR EQUAL), 24 VOLT CONTROL TRANSFORMER WITH 100% GAS SHUT-OFF, AND WITH THE INTERNAL CABINET INSULATED. REZNOR MODEL NUMBERS OR APPROVED EQUAL. HEATING OUTPUT BASED ON 5500 FT. ELEVATION. PROVIDE WITH NORMALLY OPEN AUXILIARY CONTACT, AND REMOTE T-STAT WITH FAN SUBBASE AND NIGHT SETBACK AND LOCKING COVER. EACH UNIT IS TO HAVE A GAS PRESSURE REGULATOR ON UNIT CONNECTION GAS PIPING RUNOUT.						
(1)	REB-H75	75,000	47,600	1300 @ .4	1/2	120V/1φ	9.8
(2)	REB-H75	75,000	47,600	1300 @ .4	1/2	120V/1φ	9.8
(3)	RGBL-500	500,000	303,380	4200 @ .4	1-1/2	208V/3φ	11.1
(4)	RGBL-500	500,000	303,380	4200 @ .4	1-1/2	208V/3φ	11.1
(5)	RGBL-500	500,000	303,380	4200 @ .4	1-1/2	208V/3φ	11.1
(6)	RGBL-500	500,000	303,380	4200 @ .4	1-1/2	208V/3φ	11.1
(7)	RGBL-500	500,000	303,380	4200 @ .4	1-1/2	208V/3φ	11.1
(8)	RGBL-500	500,000	303,380	4200 @ .4	1-1/2	208V/3φ	11.1

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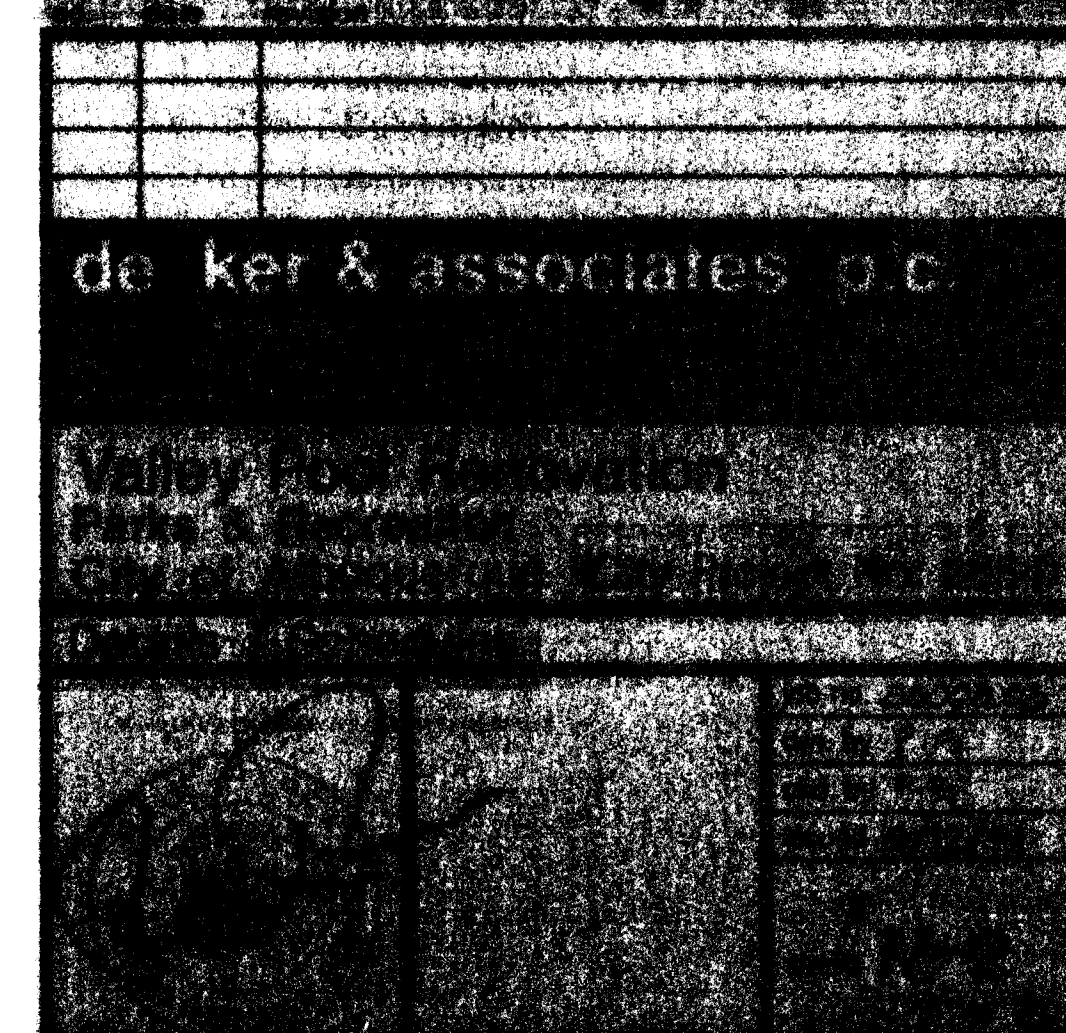
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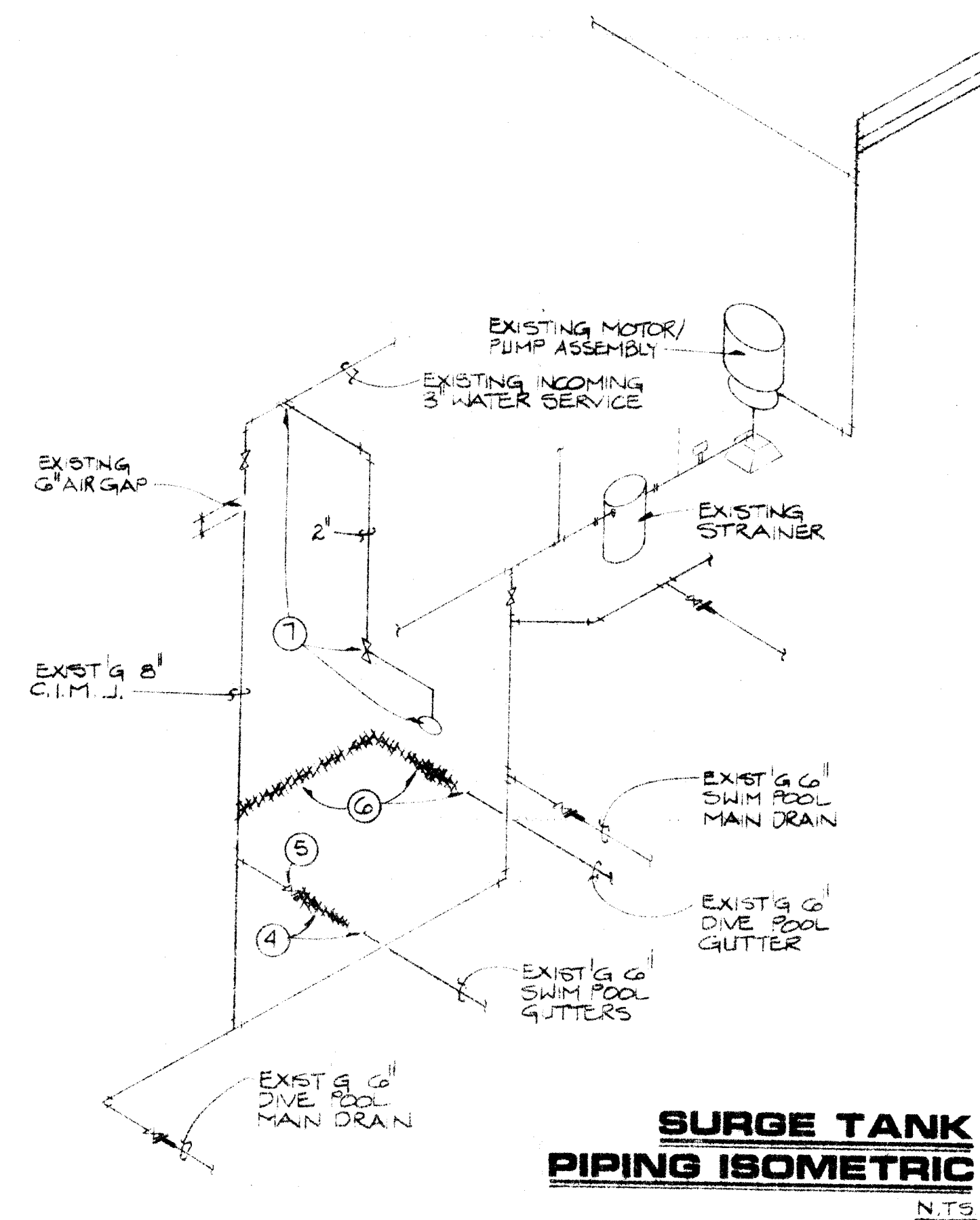


EQUIPMENT SCHEDULE

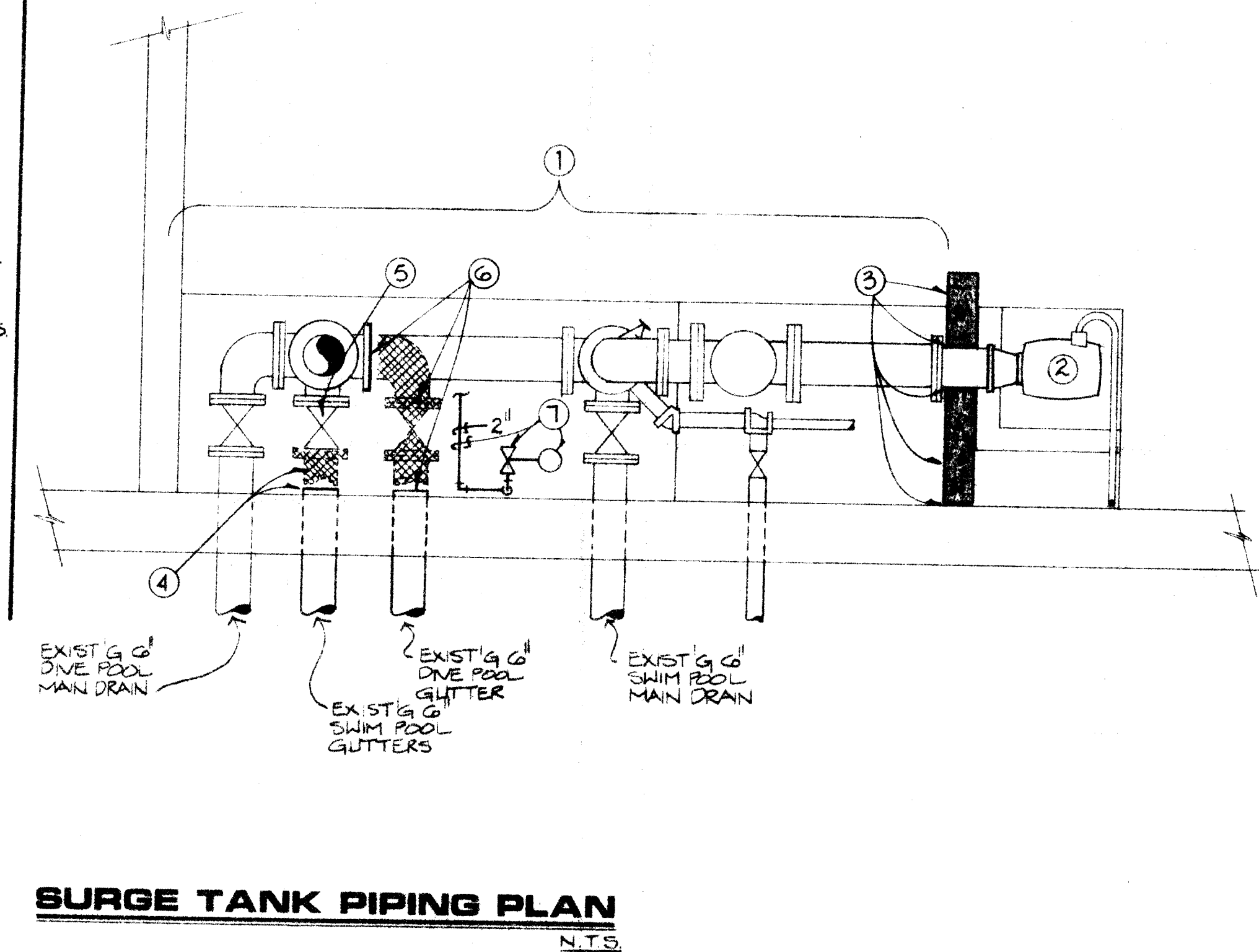
SYMBOL	DISCRIPTION	(CONT.)						
(9) THRU (16)	EXHAUST FAN: CENTRIFUGAL WALL EXHAUSTER COMPLETE WITH BLOWER, HOUSING BACKDRAFT DAMPER, BIRDSCREEN AND FACTORY WALL GRILLE. UNIT SHALL HVE A SPUN ALUMINUM HOUSING, ALUMINUM CURB CAP WITH STAINLESS STEEL PASTENINGS, VIBRATION ISOLATORS, NON-OVERLOADING ALL 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. GREENHECK MODEL OR APPROVED EQUAL.							
MODEL		CFM	"E.S.P."	H.P.	VOLTAGE	DRIVE	MAX. SONE	
SYMBOL	NUMBER							
(9)	GB-14-4	535	0.125	1/4	120V/1φ	BELT	3.9	
(10)	GB-14-4	535	0.125	1/4	120V/1φ	BELT	3.9	
(11)	GB-14-4	535	0.125	1/4	120V/1φ	BELT	3.9	
(12)	GB-14-4	535	0.125	1/4	120V/1φ	BELT	3.9	
(13)	GB-36-7	7805	0.250	1	120V/1φ	BELT	8.8	
(14)	GB-36-7	7805	0.250	1	120V/1φ	BELT	8.8	
(15)	GB-36-7	7805	0.250	1	120V/1φ	BELT	8.8	
(16)	GB-36-10	8064	0.250	3/4	120V/1φ	BELT	9.9	

CLASS I CONSTRUCTION





- # KEYED NOTES:
1. EXISTING GUMPS PIT TO BECOME NEW EXISTING TANK. NEW TANK IS HOLD APPROX. 3100 GALLONS.
 2. EXISTING PUMP TO REMAIN.
 3. POUR IN PLACE 6" THICK X 46" WIDE X 36" HIGH CONCRETE WALL TO CREATE DRY PIT. PUMP SECTION TO REMAIN. W/ 4" ANGLED CONNECTION AROUND INTERIOR OF WALL TO FACILITATE A WATER TIGHT SEAL.
 4. REMOVE FLANGE AND CUT SECTION OF PIPE AT WALL TO CREATE NEW WATER INLET INTO SURGE TANK.
 5. EXISTING VALVE TO REMAIN.
 6. CUT EXISTING PIPE AT WALL AND REMOVE VALVE AND PIPE TO EXISTING 8" GUTTER FOR DRY PIPE. CAP OFF AT FLANGE. FOR REMOVAL AND SALVAGE OF EXISTING EQUIPMENT, SEE GENERAL NOTES.
 7. NEW 2" FILL PIPE TO 'TAP' INTO EXISTING 3" INCOMING WATER PIPE. USE WITH A FLOAT OPERATED FILL VALVE. ANCHOR PIPE TO WALL AS REQUIRED.



CLASS I CONSTRUCTION

no.	date	revision

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Valley Pool Renovation
Parks & Recreation
City of Albuquerque (City Project No. 285-1)

Surge Tank Plans

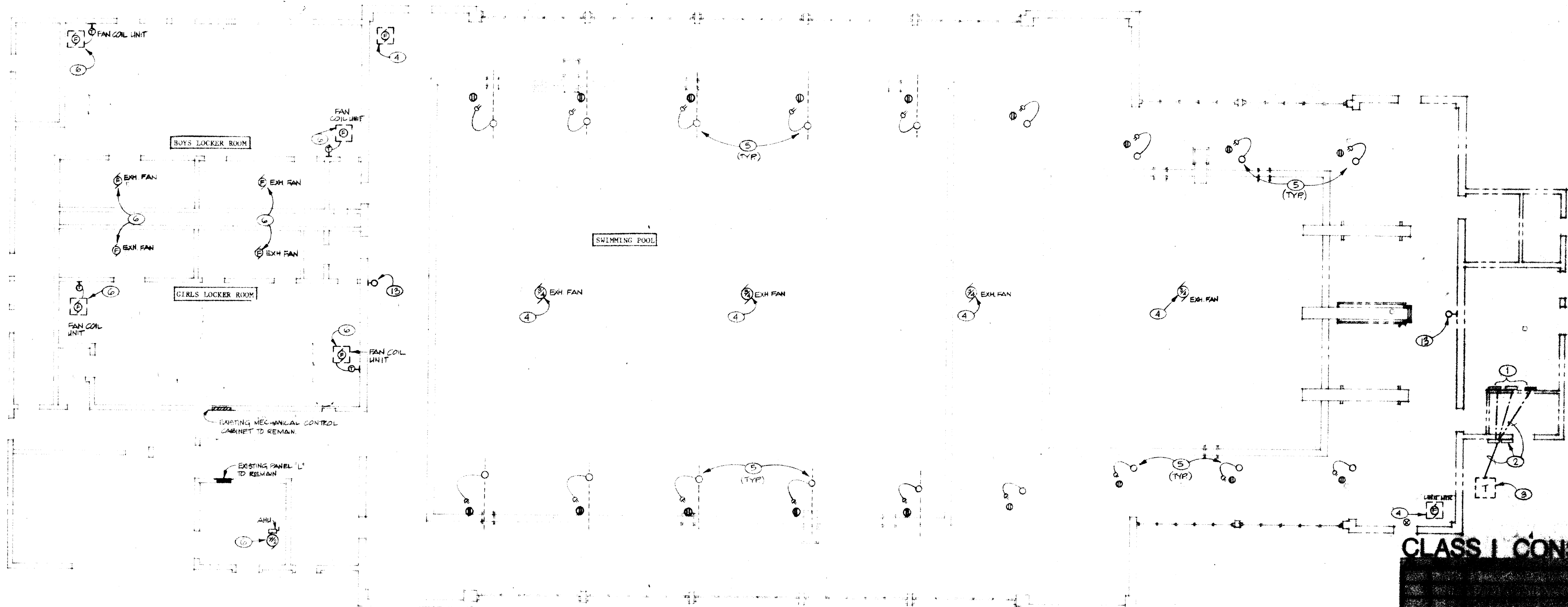
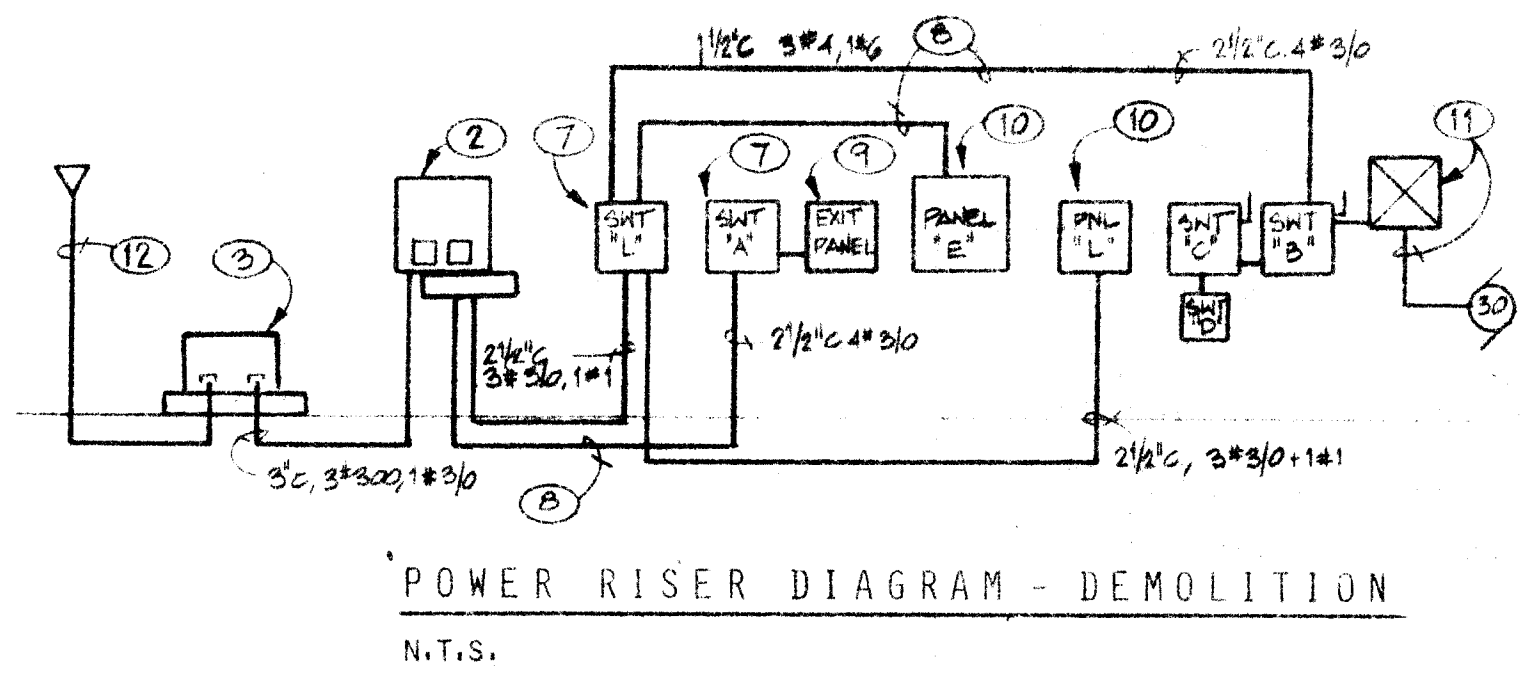


job no.	285-1-1
des. by	P.C.
chkd. by	P.C.
issued	4/10/77

M-3

KEYED NOTES

1. REMOVE EXISTING ELECTRICAL SERVICE EQUIPMENT. SEE DEMOLITION POWER RISER DIAGRAM THIS SHEET.
2. EXISTING METERING EQUIPMENT AND SECONDARY CONDUITS TO REMAIN. REMOVE SECONDARY FEEDER CONDUCTORS. SEE NEW WORK RISER DIAGRAM FOR NEW CONDUCTORS.
3. EXISTING PAD MOUNT TRANSFORMER.
4. DISCONNECT EXISTING MECHANICAL EQUIPMENT TO ALLOW FOR REMOVAL. REMOVE EXISTING BRANCH CIRCUIT CONDUCTORS TO CONTROLLERS AND PANEL "L".
5. EQUIPMENT. REMOVE EXISTING HID FIXTURE AND MOUNTING WEATHERPROOF COVER PLATE.
6. FOR REMOVAL. REMOVE EXISTING MECHANICAL EQUIPMENT TO ALLOW CONTROLLERS AND PANEL "L".
7. REMOVE EXISTING DISCONNECT SWITCH.
8. REMOVE EXISTING CONDUCTORS. SEE NEW WORK DRAWINGS.
9. REMOVE EXISTING EXIT LIGHT PANEL.
10. EXISTING PANEL TO REMAIN.
11. EXISTING MOTOR STARTER AND ASSOCIATED WIRING TO PUMP MOTOR TO REMAIN.
12. EXISTING PRIMARY CONDUIT AND RISER TO REMAIN.
13. REMOVE EXISTING WALL MOUNTED HID FLOOD LIGHT FIXTURE AND ASSOCIATED CONDUIT AND WIRE.



ELECTRICAL PLAN - DEMOLITION
1/8" = 1'-0"

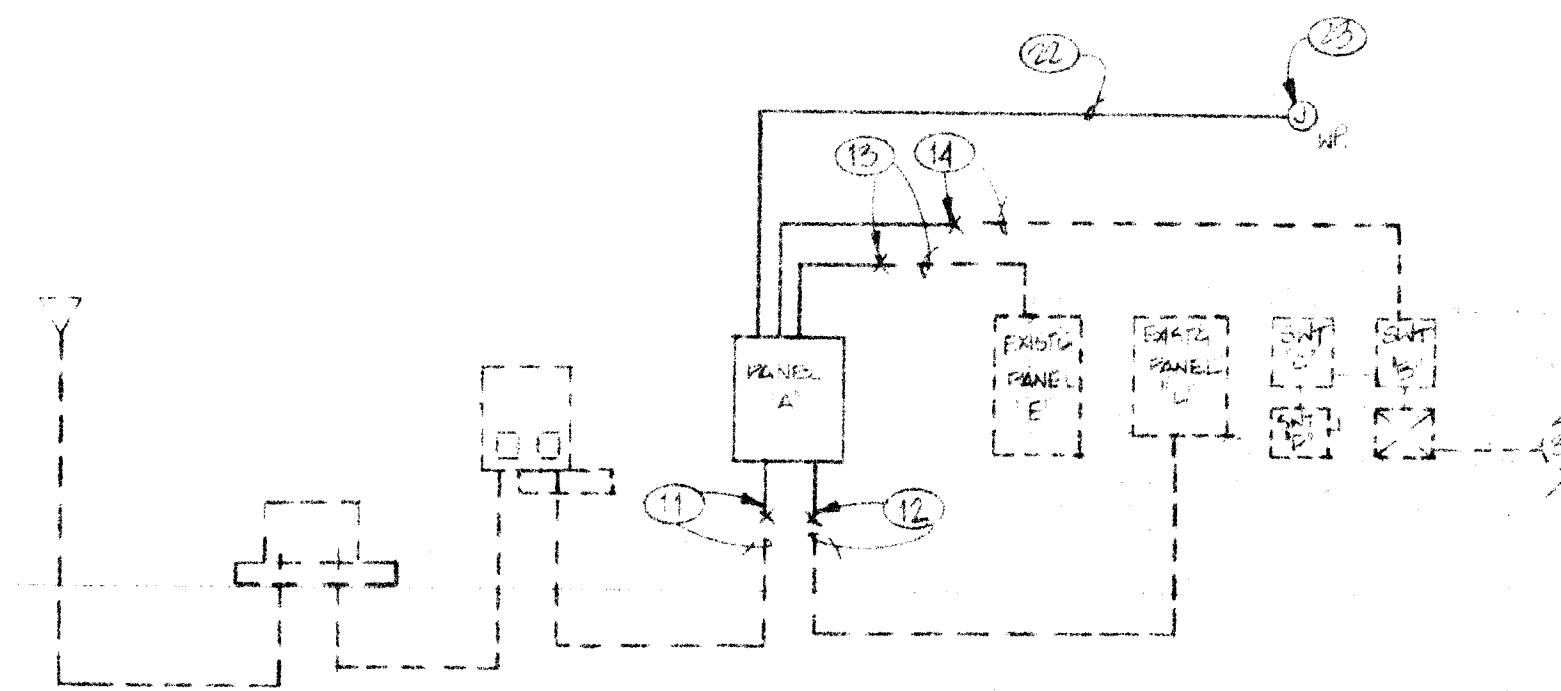
- REMOVAL NOTES
1. THE CONTRACTOR SHOULD FAMILIARIZE HIMSELF WITH THE EXISTING CONDITIONS IN ORDER TO ALLOW HIM TO SUBMIT A COMPLETE BID FOR REMOVALS WITHIN THE SCOPE OF THE DRAWINGS. ANY QUESTIONS ARISING DURING THE BID PERIOD IN REGARD TO THE INTENT OF THE DRAWINGS SHALL BE BROUGHT UP FOR CLARIFICATION WITH THE CONTRACTING OFFICER.
 2. THE CONTRACTOR SHALL REMOVE ALL CONDUIT, DEVICES, DISCONNECT SWITCHES, STARTERS, SPECIAL PURPOSE OUTLETS, PANELS, BRANCH CIRCUIT CONDUITS AND ALL ASSOCIATED WIRING ETC., UNLESS OTHERWISE INDICATED TO REMAIN.
 3. THE CONTRACTOR SHOULD FIELD VERIFY THE EXTENT OF REMOVALS, PRIOR TO BID, WHICH MAY AFFECT HIS BID.

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architecture • planning • engineering • interior & graphic design • facilities programming
6501 Americas Parkway N.E. Suite 675 Telephone
Albuquerque New Mexico 87110 505 888-3111

FIXTURE SCHEDULE				
TYPE	MANUFACTURER	LAMPS	MOUNTING	
A	ELITRONIA #10 TEK #BXNDM 120-120V-100W	1-MIL/00/00/00	PENDANT UP 12" ABOVE POOL	
BH	ELITRONIA #ELM-2	PURCHASED WITH FIXTURE	SURFACE	
9	ELITRONIA #B310-ELN 120V	PURCHASED WITH FIXTURE	SURFACE	

PANEL SCHEDULE				
PANEL DESCRIPTION	CCT. NO.	CCT. BKR.	WIRE SIZE	LOAD
PANEL "A" - 120/00/00/00, 100 AMP, W/ 400 AMP AND 120V MOUNT, 120V, 120V, 120V 120V, 120V, 120V, 120V	1-2	20/1	#12	EXISTING KEY LIGHTS
	3-12	20/1	#10	NEW LIGHTING, DEPARTS, ETC.
	13-15	15/1	#10	NEW HVAC UNITS
	19	60/1	#2	WADING POOL (FUTURE)
	20	60/1	#8	EXISTING PANEL "B"
	21	125/1	#3/0	EXISTING SWITCH "B"
	22	200/1	#3/0	EXISTING PANEL "L"



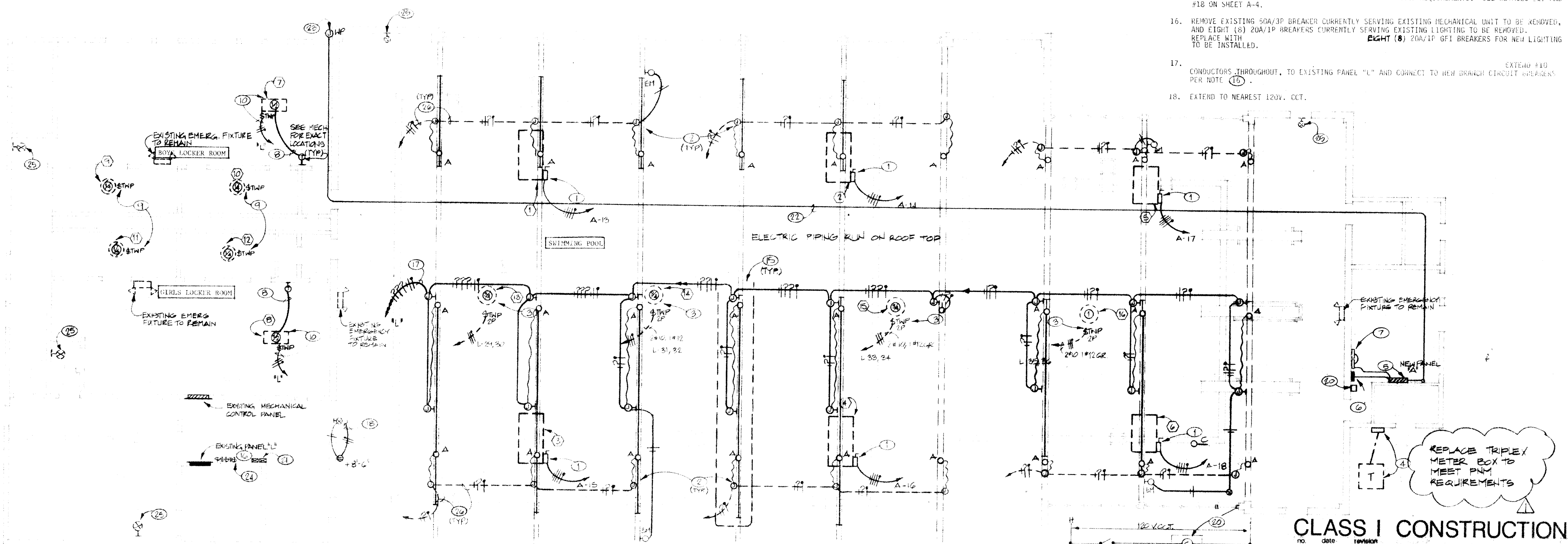
POWER RISER DIAGRAM - NEW WORK

NOTE: DASHED LINES INDICATE EXISTING EQUIPMENT, FEEDERS, ETC. TO REMAIN UNLESS INDICATED OTHERWISE.

19. EXTEND CIRCUITS INDICATED THROUGH LIGHTING CONTACTOR PER NOTE #2 EXTEND #10 CONDUCTORS THROUGHOUT.
20. LIGHTING CONTACTOR, 30AMP, 3POLE, 12VOLT COIL, NEMA 1 ENCLOSURE ELECTRICALLY HEAT. SEE LIGHTING CONTROL DIAGRAM THIS SHEET.
21. NOT USED
22. 1 1/2" CONDUIT, 4 #2 THHN + 1 #6 GROUND. INSTALL ON ROOF. CONDUCTORS MAY BE COMBINED WITH NEW MECHANICAL UNIT FEEDERS. DERATE CONDUCTORS PER NEC ARTICLE #310. FASTEN TO SUPPORTS USED FOR GAS LINES TO MECHANICAL EQUIPMENT.
23. 12" X 12" X 6" UP J-BOX ON CAP CONDUCTORS FOR FUTURE EXTENSION BY OTHERS. AT 12" ABOVE FINISH CONCRETE.
24. EXISTING 12 SWITCHES. SIX(6) CURRENTLY USED FOR POOL AREA LIGHTING CONTROL. RE-USE ONE(1) SWITCH PER LIGHTING CONTROL DIAGRAM AND BLANK OFF REMAINING(5).
25. EXISTING EXIT FIXTURE TO REMAIN. CLEAN REPAIR AND RELAMP.
26. EXISTING CONDUIT AND HOME RUNS TO SWITCHES IN OFFICE. REMOVE EXISTING CONDUCTORS AND INSTALL NEW #10 THHN CONDUCTORS AS INDICATED. CONDUIT ROUTING INDICATED IS BASED ON EXISTING DRAWINGS CONTRACTOR SHALL VERIFY EXACT ROUTING AND ADJUST ACCORDINGLY.

KEYED NOTES

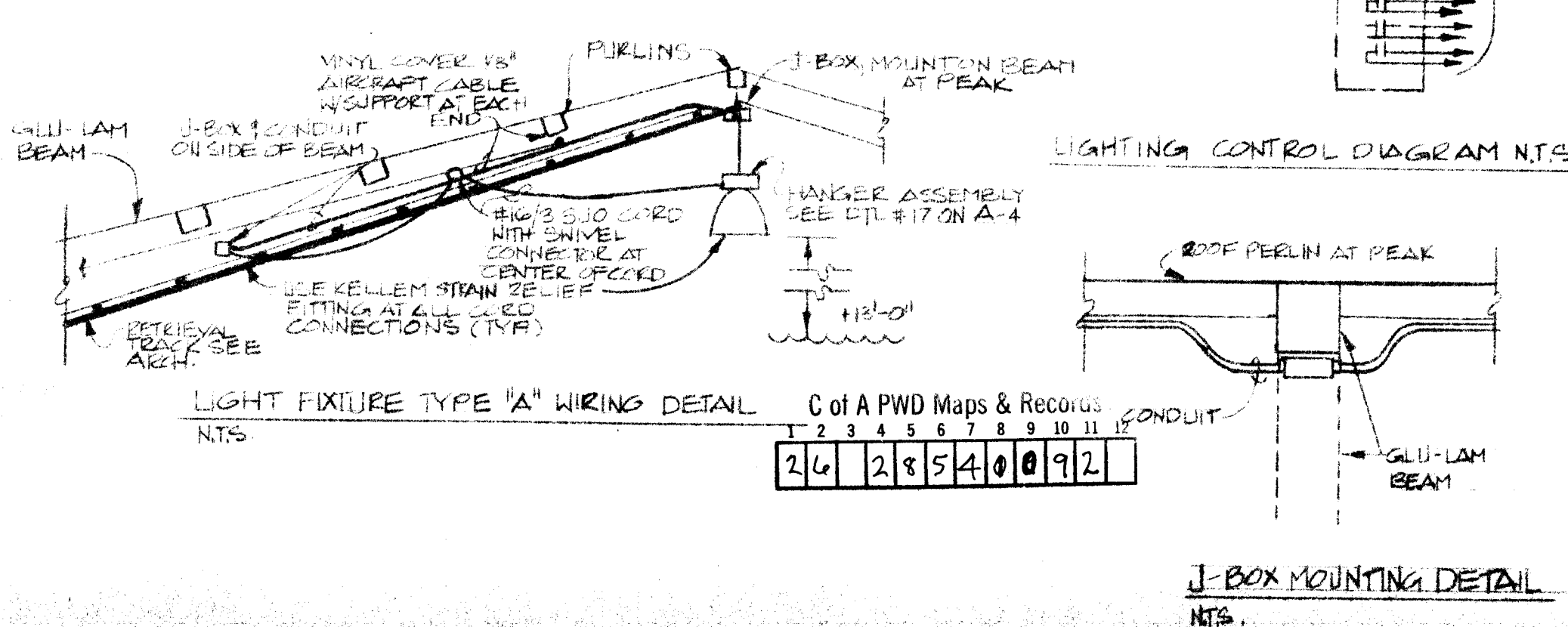
1. DISCONNECT SWITCH, 30AMP, 3P + SW, 250V, FUSIBLE, NEMA 3R, ENCLOSURE. FUSE AT 125% OF MOTOR FLA WITH BUSS FUSIBLES.
2. INSTALL W/P EXTENSION OUTLET BOX ON EXISTING OUTLET AT BEAM. PROVIDE CONNECTION TO NEW LIGHT FIXTURE PER DETAIL ON THIS SHEET.
3. CONNECT NEW EXHAUST FAN TO EXISTING CONDUIT, INSTALL NEW CONDUCTORS IN EXISTING CONDUIT BACK TO EXISTING MECHANICAL CONTROL PANEL. RECONNECT TO EXISTING CIRCUITS.
4. EXISTING PAD MOUNT TRANSFORMER AND METERING EQUIPMENT TO REMAIN.
5. EXTEND EXISTING FEEDER CONDUITS INTO NEW PANEL "A". SEE POWER RISER DIAGRAM THIS SHEET.
6. EXISTING PANEL "E" - RECONNECT EXISTING FEEDER TO NEW BREAKER IN PANEL "A". SEE POWER RISER DIAGRAM AND PANEL SCHEDULE.
7. EXISTING DISCONNECT SWITCH "B". RECONNECT EXISTING FEEDER TO NEW BREAKER IN PANEL "A". SEE POWER RISER DIAGRAM AND PANEL SCHEDULE.
8. 1/2" CONDUIT, CONTROL CONDUCTORS AS REQUIRED.
9. RECONNECT EXISTING CIRCUITS TO NEW EXHAUST FAN.
10. NEW HVAC EQUIPMENT, EXTEND NEW CONDUIT AND WIRE TO SPARE 20AMP, 1POLE BREAKER IN PANEL INDICATED.
11. INTERCEPT EXISTING 2-1/2" CONDUITS AND EXTEND INTO NEW PANEL. INSTALL 4 #3/0 THHN + 1 #2 GROUND IN EACH CONDUIT. FULL LENGTH THROUGH METERING EQUIPMENT TO SECONDARY OF PAD MOUNT TRANSFORMER. COORDINATE SHUT DOWNS AND SECONDARY CONNECTIONS WITH PNM.
12. INTERCEPT EXISTING 2 1/2" CONDUIT, WITH 3 #3/0 AND 1 #1 AND EXTEND TO NEW PANEL "A", CONNECT EXISTING CONDUCTORS TO NEW BREAKER PER PANEL SCHEDULE.
13. INTERCEPT EXISTING 1 1/2" CONDUIT, AND EXTEND TO NEW PANEL "A". INSTALL NEW 4 #4 THHN + 1 #5 GROUND AND CONNECT TO NEW BREAKER PER PANEL SCHEDULE.
14. SAME AS NOTE #13 EXCEPT 2 1/2" AND 4 #3/0 THHN + 1 #6 GROUND.
15. SEE DETAIL THIS SHEET FOR RETRIEVAL SYSTEM AND WIRING REQUIREMENTS. SEE DETAILS #17 AND #18 ON SHEET A-4.
16. REMOVE EXISTING 50A/3P BREAKER CURRENTLY SERVING EXISTING MECHANICAL UNIT TO BE REMOVED, AND EIGHT (8) 20A/1P BREAKERS CURRENTLY SERVING EXISTING LIGHTING TO BE REMOVED. REPLACE WITH EIGHT (8) 20A/1P GFI BREAKERS FOR NEW LIGHTING.
17. CONDUCTORS THROUGHOUT, TO EXISTING PANEL "L" AND CONNECT TO NEW BRANCH CIRCUIT BREAKERS PER NOTE #15.
18. EXTEND TO NEAREST 120V. CCT.



ELECTRICAL PLAN - NEW WORK

- NOTE: 1. ALL WIRING TO BE 1/2" CONDUIT AND #12 THHN CONDUCTORS UNLESS OTHERWISE INDICATED.
2. ALL HOMERUNS OVER 100' SHALL BE UPGRADED ONE CONDUCTOR SIZE UNLESS OTHERWISE INDICATED.
3. THERE SHALL BE NO DRILLING THROUGH GLU-LAM BEAMS. ALL CONDUIT FOR LIGHTING TO BE INSTALLED EXPOSED ALONG THE PEAK AT CENTER OF BLDG., OR PARALLEL TO GLU-LAM BEAMS, AS SHOWN ON PLANS. ALL OTHER CONDUIT SHALL BE INSTALLED ON ROOF UTILIZING MECHANICAL PIPING SUPPORTS WHEN AVAILABLE. WHEN NOT AVAILABLE, CONTRACTOR SHALL INSTALL REDWOOD 4" X 4" X (LENGTH REQUIRED) BLOCKS. MAPPED ONTO ROOF.

SYMBOL LEGEND	
(A) (B)	OUTLET OR WALL BRACKET FIXTURE. SEE FIXTURE SCHEDULE.
(C) (D)	EMERGENCY OUTLET AND FIXTURE. SEE FIXTURE SCHEDULE.
(E)	WALL MOUNT LIGHT FIXTURE.
(F)	ROOF POOL WALL SWITCH, UP 12". "T" INDICATES THREE-WAY.
(G)	THROW-UP 1" SWITCH.
(H)	JUNCTION BOX (J-B) IN WALL WITH CONNECTION TO EQUIPMENT.
(I)	OUTLET CONVENIENCE OUTLET, UP 12" OR AS INDICATED.
(J)	THERMOSTAT, UP 48" UNLESS OTHERWISE INDICATED.
(K)	ELECTRIC PANEL. SEE PANEL SCHEDULE FOR CHARACTERISTICS.
(L)	MOTOR CONNECTION WITH PH INDICATED. "F" INDICATES FRACTIONAL.
(M)	BRANCH CIRCUIT IN WALLS OR CEILING WITH CONDUCTORS INDICATED.
(N)	BRANCH CIRCUIT IN WALLS OR UNDER FLOOR WITH CONDUCTORS INDICATED.
(O)	HOMERUN TO PANEL, WITH BRANCH CIRCUIT NUMBERS INDICATED.



CLASS I CONSTRUCTION

no.	date	revision
1	4/7/92	RECORD DRAWINGS

de ker & associates p.c.
 architects • planners • engineers • interior & graphic design • facilities programming
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Valley Pool Renovation
 Parks & Recreation
 City of Albuquerque (City Project No: 2854)

Electrical Plan - NEW WORK

	job no. 99008-02
	des. by TELCON
	chk. by TELCON
	issued 6/12/91
sheet	E-2
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