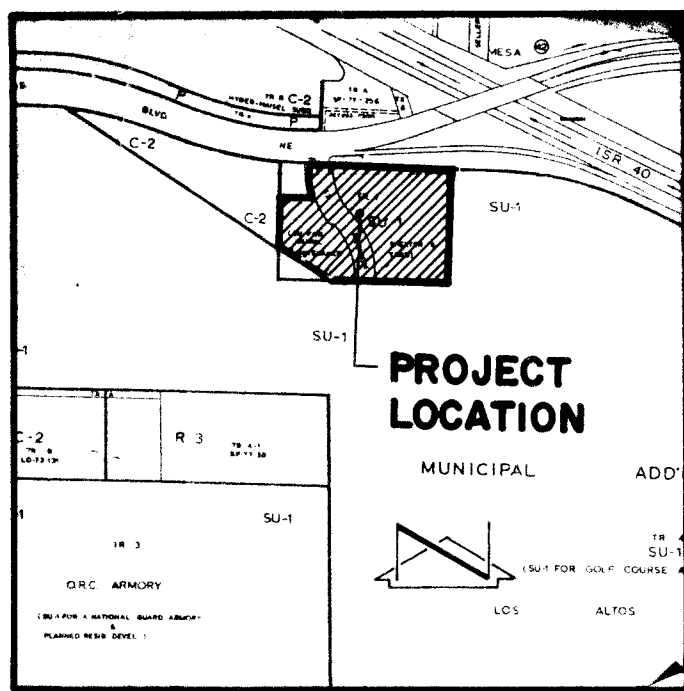
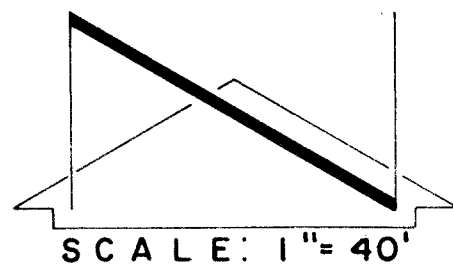




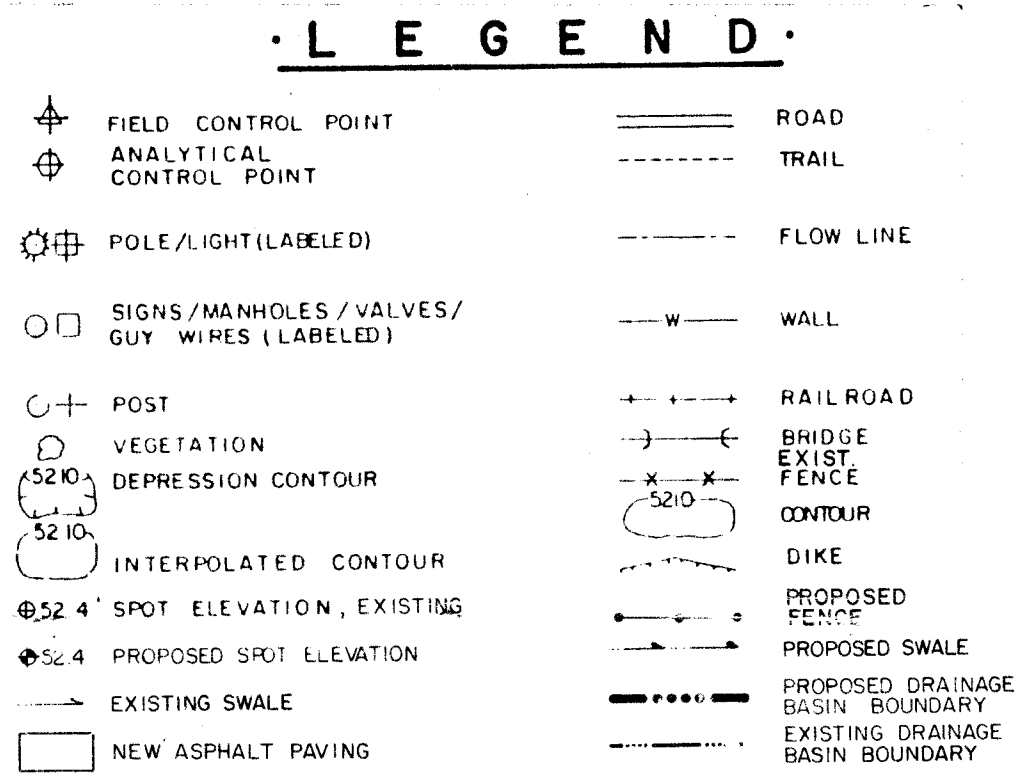
VICINITY MAP
SCALE: 1" = 800'



PROJECT BENCHMARK:
A STANDARD ACS BRASS TABLET STAMPED
'9-K-20-A 1979' SET 0.1 FT. ABOVE THE GROUND
LOCATED 0.3 MILES EAST OF THE INTERSECTION
OF LOMAS BLVD. N.E. & WYOMING BLVD. N.E. APPROX-
IMATELY 97' SOUTH OF THE CENTERLINE OF
LOMAS BLVD. N.E. 68' WEST OF THE WINGWALL ON
THE SOUTH SIDE OF LOMAS.
ELEVATION = 5395.36 ft. (M.S.L.D.)

T.B.M.
TOP OF HUB FLUSH WITH GROUND LOCATED IN
THE MEDIAN OF LOMAS BLVD. N.E. ON THE N.W.
SIDE OF THE PROJECT.
ELEVATION = 5376.55 ft. (M.S.L.D.)

LEGAL DESCRIPTION:
TRACT 1, MUNICIPAL ADDITION # 1.



KEYED NOTES

- Construct 1 - 4' dia. Type 'C' MH with grated inlet. Inv. in = 5375.25, Inv. out = 5374.95, Grate = 5379.50. Regrade area to drain positively to grate. Bid Alternate #1.
- Install 18" RCP storm drain at S = 0.0100; pressure flow Q₁₀₀ = 13.9 cfs
- Construct 1 - single 'B' catch basin. Inv. = 5375.50, Grate = 5379.50.
- Relocated trailer (See Note 5). Bid Alternate #1.
- Relocate existing trailer. Bid Alternate #1.
- Install 24" RCP storm drain at S = 0.0025; pressure flow Q₁₀₀ = 16.0 cfs; Bid Alternate #1.
- Install 18" RCP storm drain at S = 0.0480; pressure flow Q₁₀₀ = 5.1 cfs; Base Bid.
- Construct 1 - 4' dia. Type 'E' MH. Inv. W = 5374.00, Inv. S = 5375.00, Inv. E = 5373.73, Rim = 5383.0; Base Bid.
- Install 24" RCP storm drain at S = 0.0025; pressure flow Q₁₀₀ = 21.1 cfs; Base Bid.
- Connect to existing concrete headwall per details, Sheet C-2.
- Construct 1 - single 'D' catch basin. Inv. = 5378.0, Grate = 5383.00; Base Bid.
- Match new paving to sawcut edge of existing paving. Base Bid.
- New asphalt paving; remove and dispose of existing asphalt paving. Adjust existing manhole rims and clean out caps, etc., to grade. Base Bid.
- New asphalt paving, base bid.
- New asphalt paving, bid alternate #1.
- Grade this area, bid alternate #2.
- New asphalt paving; remove and dispose of existing asphalt paving; Bid Alternate #1.
- Remove and dispose of existing concrete valley gutter within new paving limits, new paving shall match existing at point of removal; Bid Alternate #1.
- Provide 2' - 0" curb opening for through drainage; Bid Alternate #1.
- Remove and dispose of existing curb and gutter as necessary; Bid Alternate #1.
- Install 1 - single 'C' catch basin Inv. = 5375.75; Grate = 5379.0; Bid Alternate #1.
- Install 18" RCP storm drain at S = 0.0050; capacity = 11.0 cfs, Q₁₀₀ = 2.1 cfs; Bid Alternate #1.
- Not used.
- Existing concrete down ramp to be removed and replaced with asphalt paving. Base Bid.
- Grade this area at 3:1 maximum slope to daylight under Base Bid if Bid Alternate #2 is not selected.
- Flush concrete curb (Base Bid); see Sheet 10 / SDI.

CONSTRUCTION NOTES:

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- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
- ALL STORM DRAIN CONSTRUCTION SHOWN ON THESE PLANS SHALL BE IN ACCORDANCE WITH CURRENT CITY OF ALBUQUERQUE STANDARD DRAWINGS FOR "DRAINAGE" AND "SEWER" AND SHALL INCLUDE CATCH BASINS, MANHOLES AND TRENCHING. THE GRATED INLET REFERRED TO ABOVE SHALL BE A NENAH R-3485-A, OR APPROVED EQUAL, INLET FRAME AND GRATE IN LIEU OF THE FRAME AND GRATE SPECIFIED ON CITY STANDARD DRAWING S-5-2.

EROSION CONTROL MEASURES

- THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
- THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.



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REVISED 8-86 TO REFLECT AS-BUILT CONDITIONS

GREGORY T. HICKS & ASSOC.
The Sunshine Building
Albuquerque, New Mexico 87102
112 Second St. S.W.
(505) 243-7492

CITY OF ALBUQUERQUE
ANIMAL CONTROL CENTER EXPANSION

RECORD
DRAWING
REVISIONS

C1
2-15-85

DRAINAGE PLAN

The following items concerning the City of Albuquerque Animal Control Center Expansion Drainage Plan are presented herewith:

1. Vicinity Map
2. Grading Plan
3. Calculations
4. Construction Details

The proposed improvements, as shown by the Vicinity Map, are located on the south side of Lomas Boulevard N.E. between Wyoming Boulevard N.E. and the Lomas Boulevard N.E. - Interstate 40 Overpass. At present, the site is developed as a City of Albuquerque Maintenance Yard and City of Albuquerque Animal Control Center. It is the intent of this plan to show the proposed improvements to the Animal Control Center (included on the base bid for this project), the proposed improvements to the Animal Control Center Parking Lot and the common entrance to the Animal Control Center and the City Maintenance Yard, and the proposed paving improvements to the City Maintenance Yard. The latter improvements will be alternate bid items and therefore may or may not be constructed at this time. These improvements have been shown on this plan, however, to permit their construction if funds are available, and/or to master plan these areas to permit their development at a later time.

As shown by Plate K-20 of the Albuquerque Master Drainage Study, this site does not lie within a designated Flood Hazard Zone. Further study of this plate indicates that downstream flooding does exist at the intersection of Lomas Boulevard N.E. and Wyoming Boulevard N.E. This site, however, discharges the majority of its runoff to an existing drainage channel and box culvert which are part of the interstate highway improvements. As stated by the conceptual drainage plan for this project, there are no appreciable offsite flows impacting this site.

The Grading Plan shows 1) existing and proposed grades indicated by spot elevations and contours at 1' 0" intervals, 2) the limit and character of the existing improvements, 3) the limit and character of the proposed improvements, and 4) continuity between existing and proposed grades. As shown by this plan, the proposed improvements include a combination of paving, repaving, and building construction. As previously mentioned, several of these items will be issued as bid alternates and therefore may or may not be constructed under this permit. At present, the site discharges its runoff to the existing interstate highway improvements as previously mentioned, to a small existing ponding area at the northwest corner of the site, and to a vacant piece of property at the west side of the site. Under the proposed plan, the vast majority of the runoff generated by this site will be discharged directly to the interstate highway improvements. This will also entail a reduction in the amount of runoff discharged onto the vacant property to the west.

The Calculations which appear hereon analyze both the existing and developed conditions for the 100-year, 6-hour rainfall event. The Rational Method has been used for this analysis in accordance with the City of Albuquerque Development Process Manual, Volume II. As shown by these calculations which consider the total development of the site, the proposed improvements will result in a minor (3.9 cfs) increase in runoff from the site. This has been discussed as the "Internal Drainage" because that water is routed within the site and then discharged to the interstate highway improvements. These calculations also demonstrate that there is a minor reduction in the amount of runoff discharged offsite to the vacant land to the west. This has been referred to as "Drainage Directed Offsite". The capacity of the proposed storm drainage improvements have been determined by using the Feild's Hydraulics Calculator for Gravity Flow in Pipes. The pipe proposed is PVC, therefore and appear on the grading plan sheet. It is based upon these calculations, that the storm drain system proposed will have adequate capacity to handle the entire anticipated runoff from the fully developed site.

CALCULATIONS

Ground Cover Information

From SCS Bernalillo County Soil Survey, Plate 31:
TgB Tijeras gravelly fine sandy loam
Hydrologic Soil Group B

Rational Method

Discharge: $Q = C_i A$
where C varies
 $i = P_6 (6.84) T^{-0.51} = 5.28 \text{ in/hr}$
 $P_6 = 8.5 \text{ in (DPM Plate 22.2D-1)}$
 $T_c = 10 \text{ min (minimum)}$
 $A = \text{area, acres}$

Volume: $V = C P_6 A (1/12)$
where C varies
 $P_6 = 2.5 \text{ in (DPM Plate 22.2D-1)}$
 $A = \text{area, sf}$

Existing Condition

1. $A_{\text{total}} = 227,100 \text{ sf} = 5.2 \text{ Ac}$
 $A_{\text{imp}} = 156,500 \text{ sf}; \% \text{ impervious} = 69\%$
 $C_{\text{imp}} = 0.69 \text{ (DPM Plate 22.2C-1)}$
2. Internal Basin (211,100 sf = 4.8 Ac)
 $Q_{100} = C_i A = 0.69 (5.28) (4.8) = 17.5 \text{ cfs}$
 $V_{100} = C P_6 A = 0.69 (2.5/12) (211,100) = 30,350 \text{ cf}$
3. Offsite Basin (16,000 sf = 0.4 Ac)
 $Q_{100} = 0.69 (5.28) (0.4) = 1.5 \text{ cfs}$
 $V_{100} = 0.69 (2.5/12) (16,000) = 2300 \text{ cf}$

Developed Condition

1. $A_{\text{total}} = 227,100 \text{ sf} = 5.2 \text{ Ac}$
 $A_{\text{imp}} = 189,900 \text{ sf}; \% \text{ impervious} = 84\%$
 $C_{\text{imp}} = 0.80 \text{ (DPM Plate 22.2C-1)}$
2. Basin 1 (22,000 sf = 0.5 Ac)
 $Q_{100} = C_i A = 0.80 (5.28) (0.5) = 2.1 \text{ cfs}$
 $V_{100} = C P_6 A = 0.80 (2.5/12) (22,000) = 3670 \text{ cf}$
3. Basin 2 (142,400 sf = 3.3 Ac)
 $Q_{100} = 0.80 (5.28) (3.3) = 13.9 \text{ cfs}$
 $V_{100} = 0.80 (2.5/12) (142,400) = 23,730 \text{ cf}$
4. Basin 3 (51,500 sf = 1.2 Ac)
 $Q_{100} = 0.80 (5.28) (1.2) = 5.1 \text{ cfs}$
 $V_{100} = 0.80 (2.5/12) (51,500) = 8580 \text{ cf}$
5. Basin 4 (11,200 sf = 0.2 Ac)
 $Q_{100} = 0.80 (5.28) (0.2) = 0.8 \text{ cfs}$
 $V_{100} = 0.80 (2.5/12) (11,200) = 1870 \text{ cf}$

Comparison

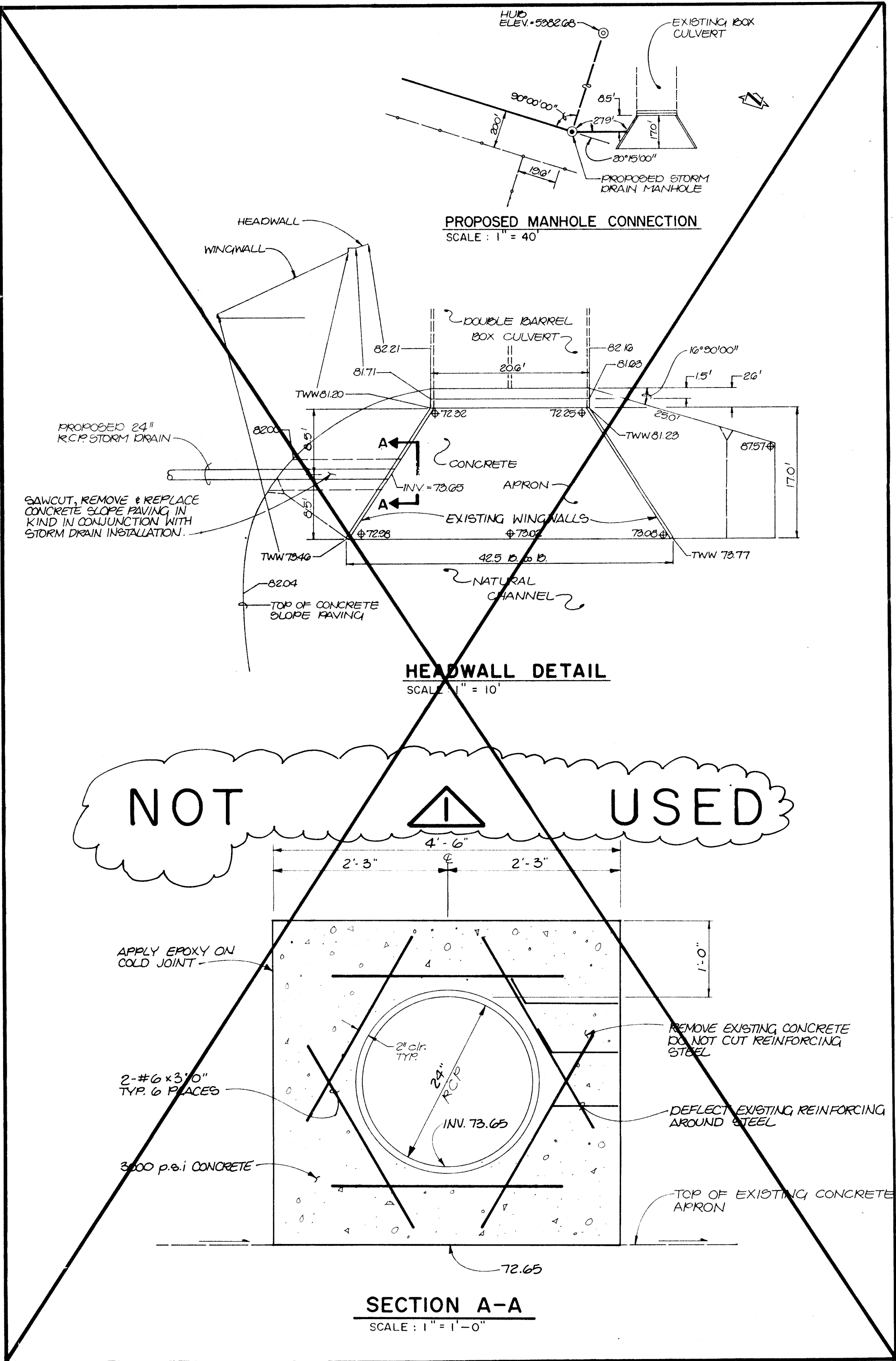
1. Internal Drainage
 $\Delta Q_{100} = 13.9 + 5.1 + 2.1 - 17.5 = 3.6 \text{ cfs (increase)}$
 $\Delta V_{100} = 23,730 + 8580 + 3670 - 30,350 = 5630 \text{ (increase)}$
2. Drainage Directed Offsite
 $\Delta Q_{100} = 1.5 - 0.8 = 0.7 \text{ cfs (decrease)}$
 $\Delta V_{100} = 2300 - 1870 = 430 \text{ cf (decrease)}$

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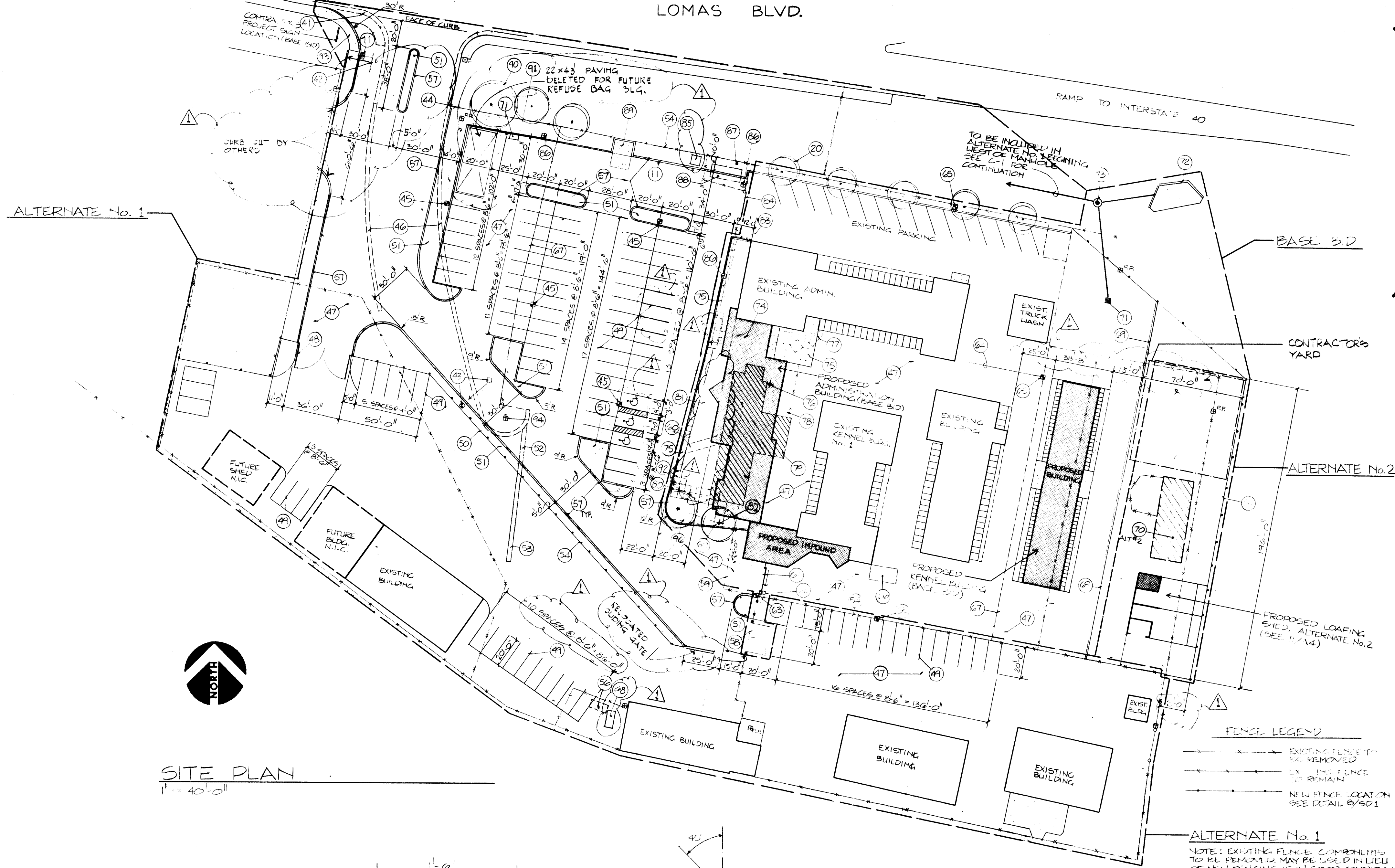
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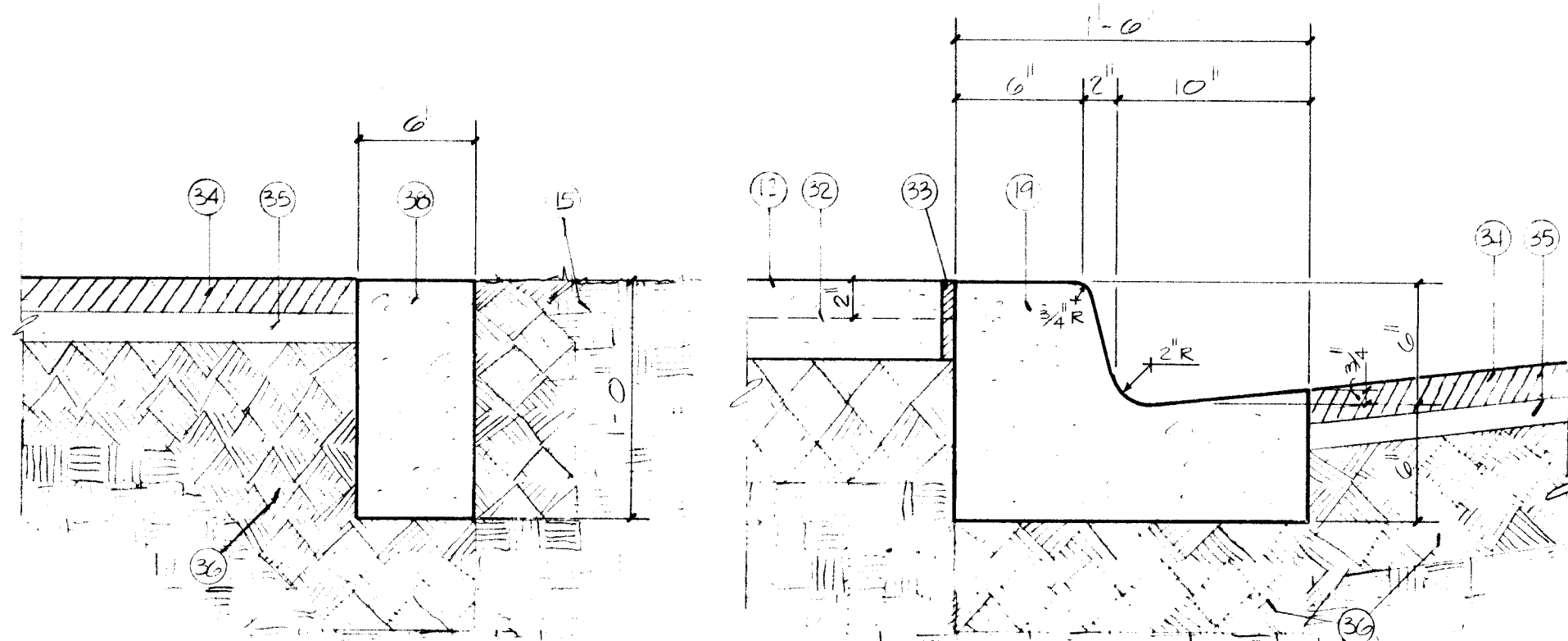
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GREGORY T. HICKS & ASSOC.
The Sunshine Building
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112 Second St. S.W.
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CITY OF ALBUQUERQUE
ANIMAL CONTROL CENTER EXPANSION

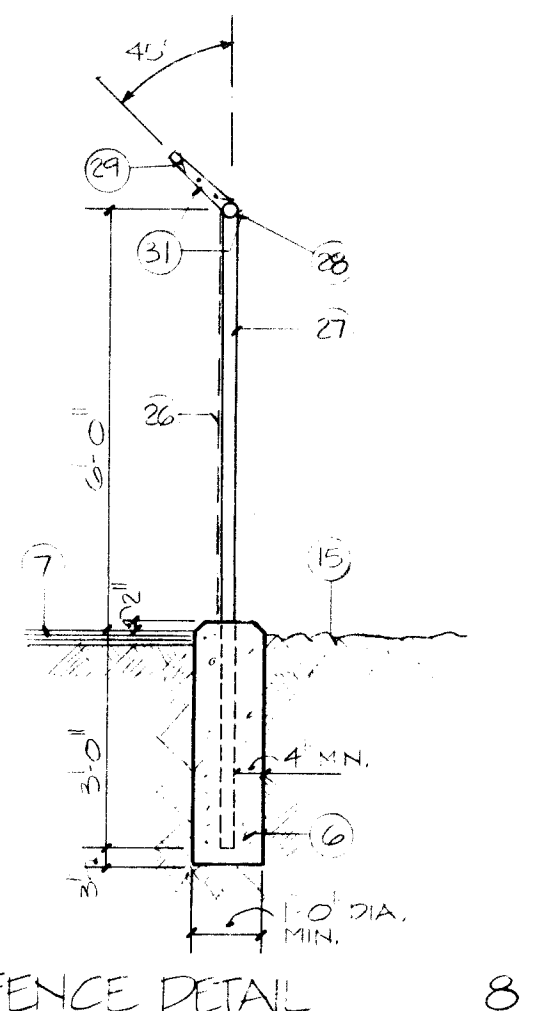


SITE PLAN
1" = 40'-0"

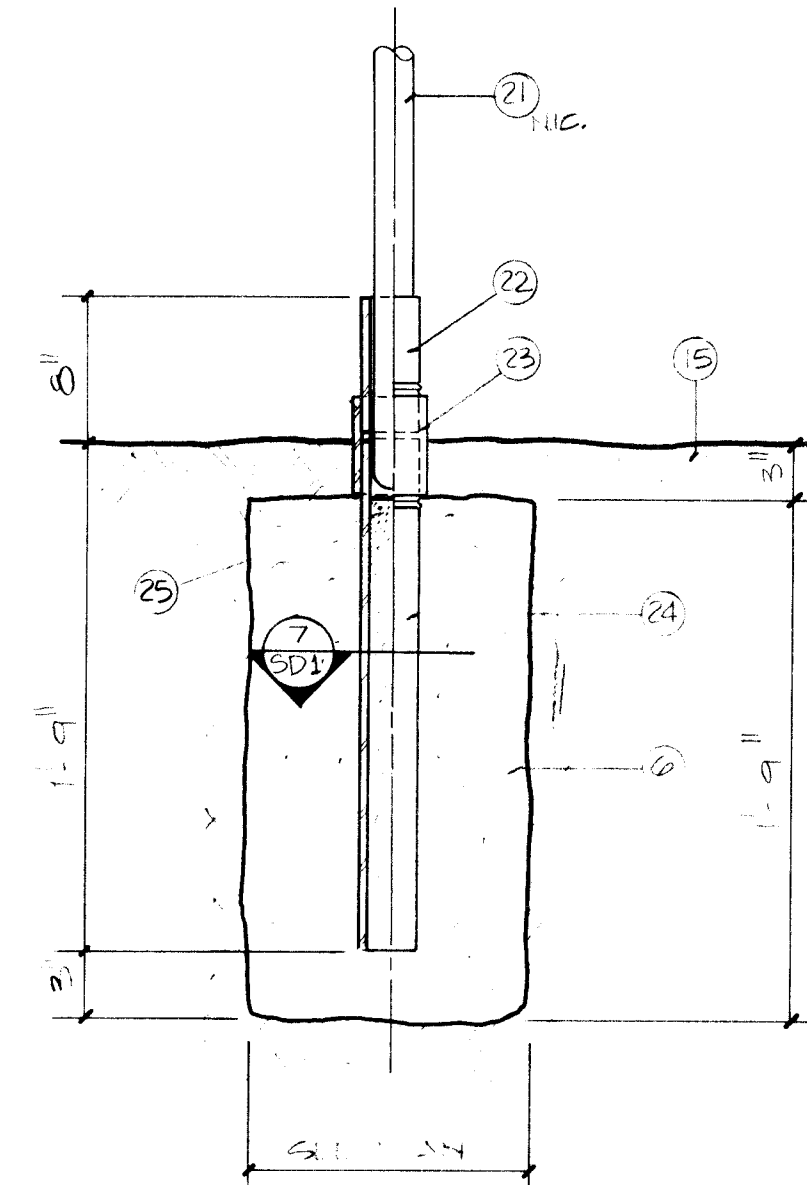


PAVEMENT EDGE
1/2" = 1'-0"

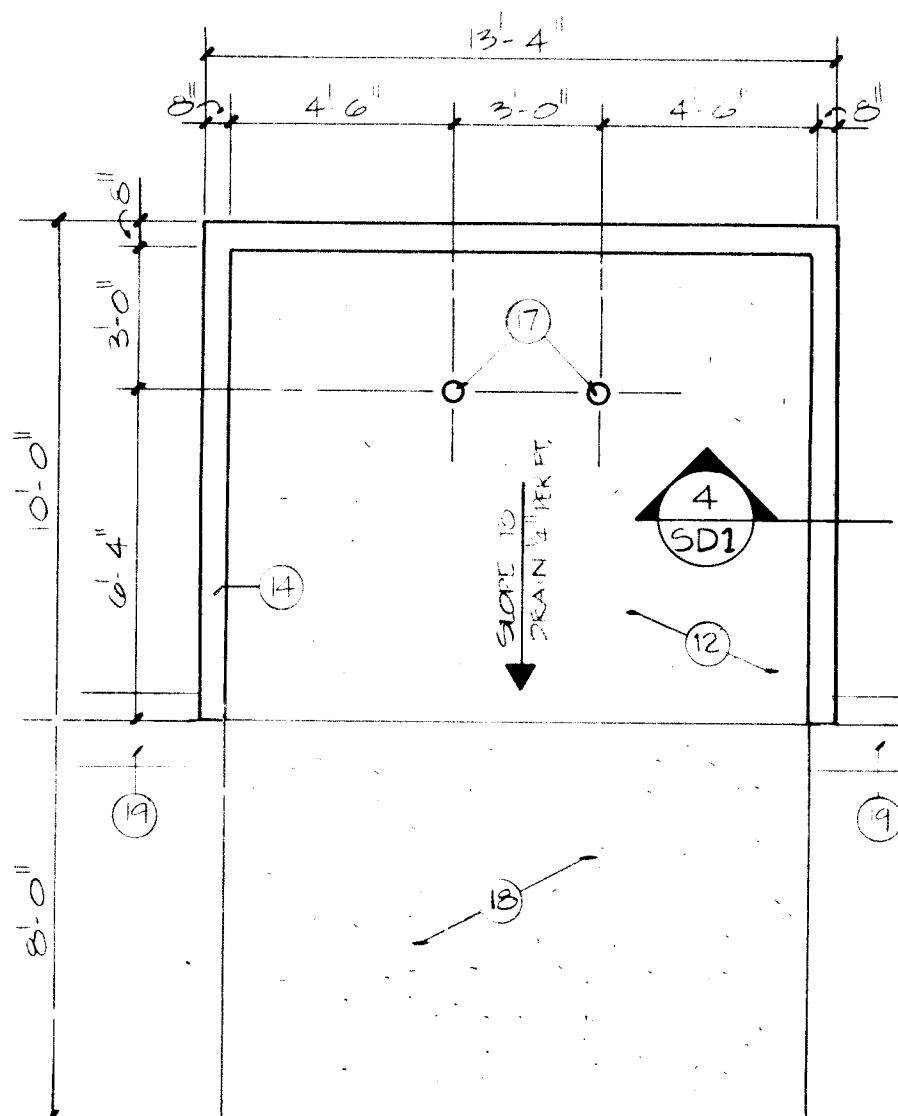
TYPICAL CURB/ASPHALT
1/2" = 1'-0"



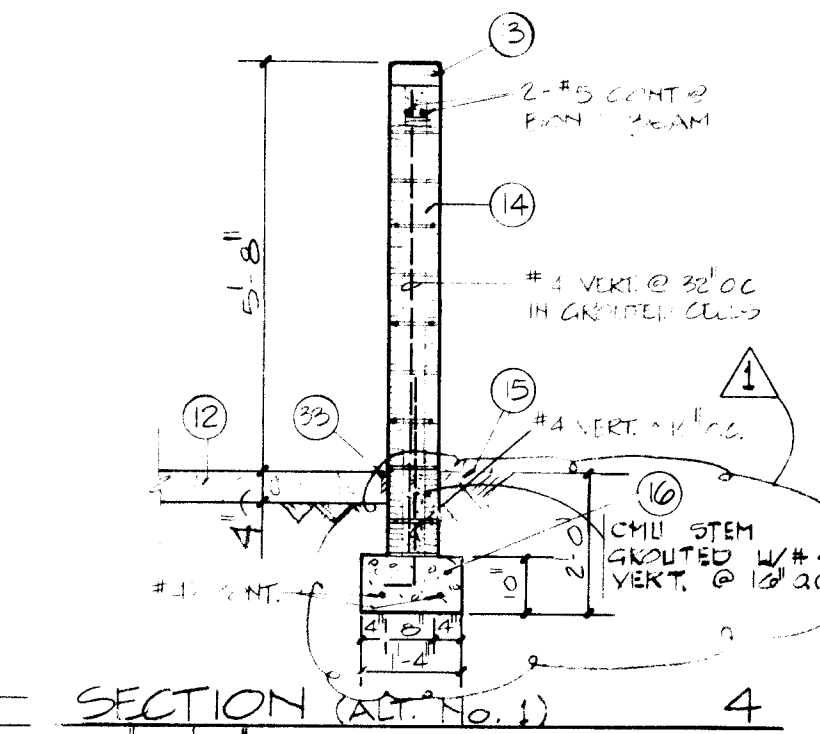
FENCE DETAIL
3/8" = 1'-0"



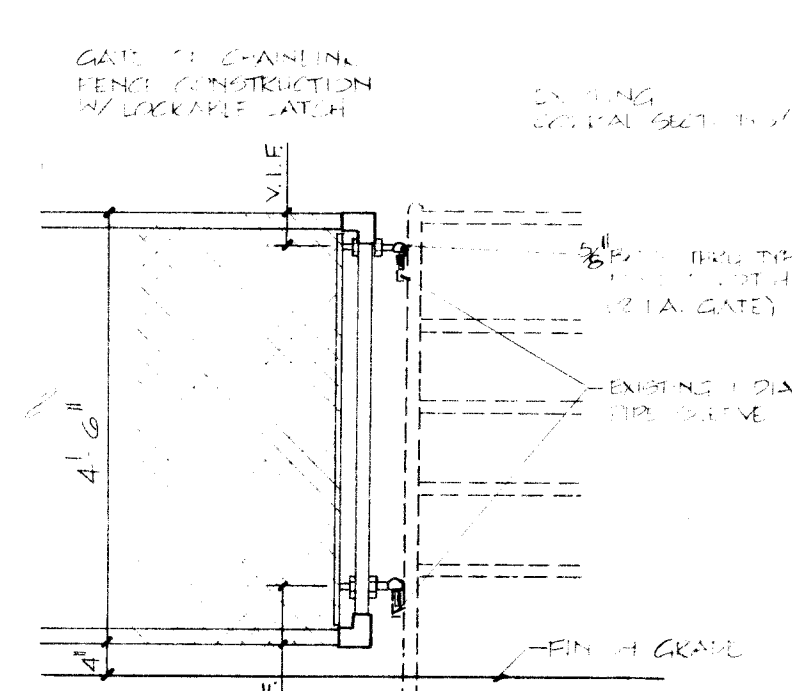
SECTION (ALT. No. 2)
1/2" = 1'-0"



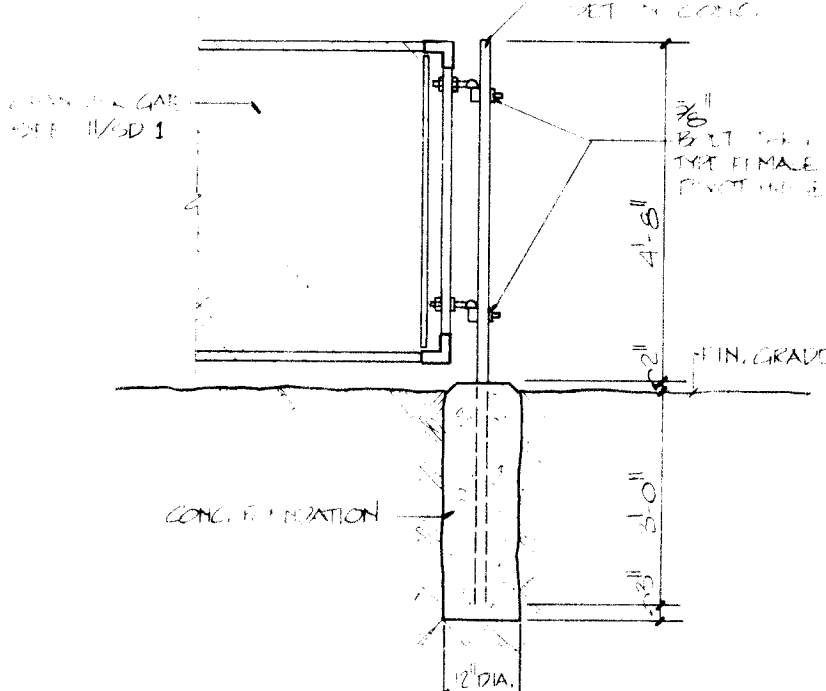
REFUSE ENCLOSURE (ALT. No. 1)
1/4" = 1'-0"



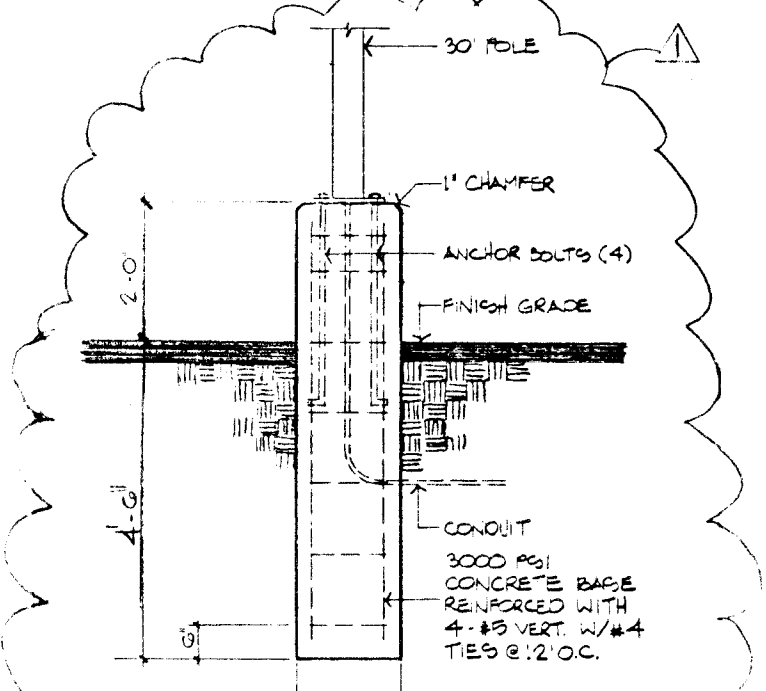
SECTION (ALT. No. 1)
3/8" = 1'-0"



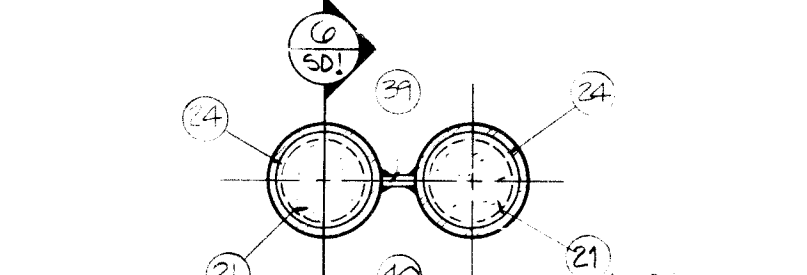
CORRAL GATE (ALT. No. 2)
1/2" = 1'-0"



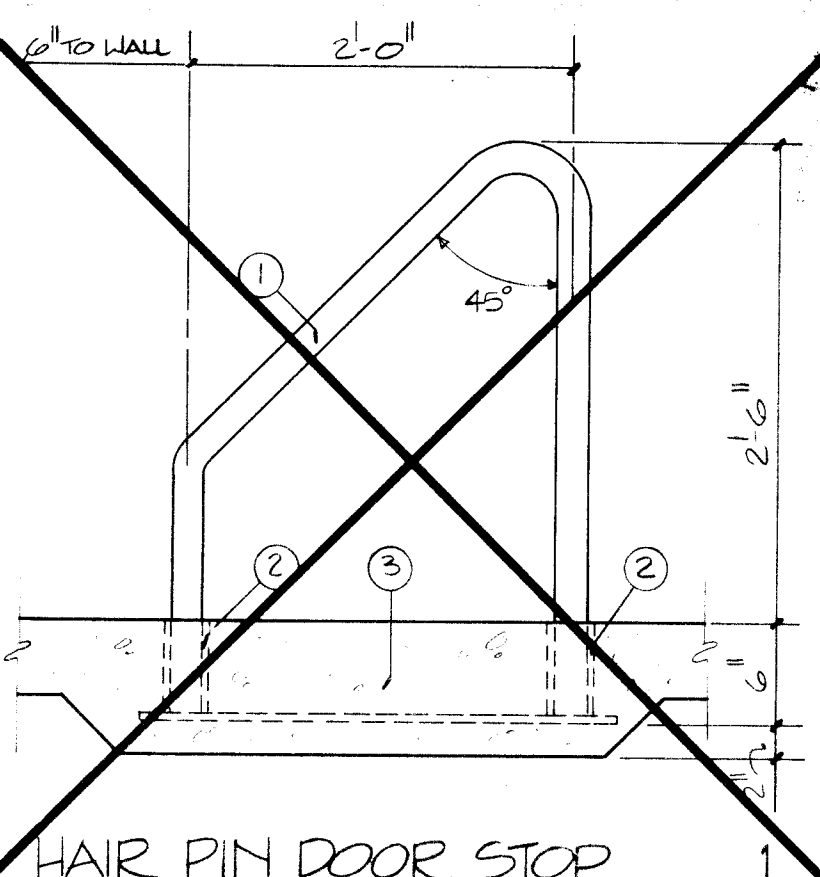
CORRAL GATE POST (ALT. No. 2)
3/8" = 1'-0"



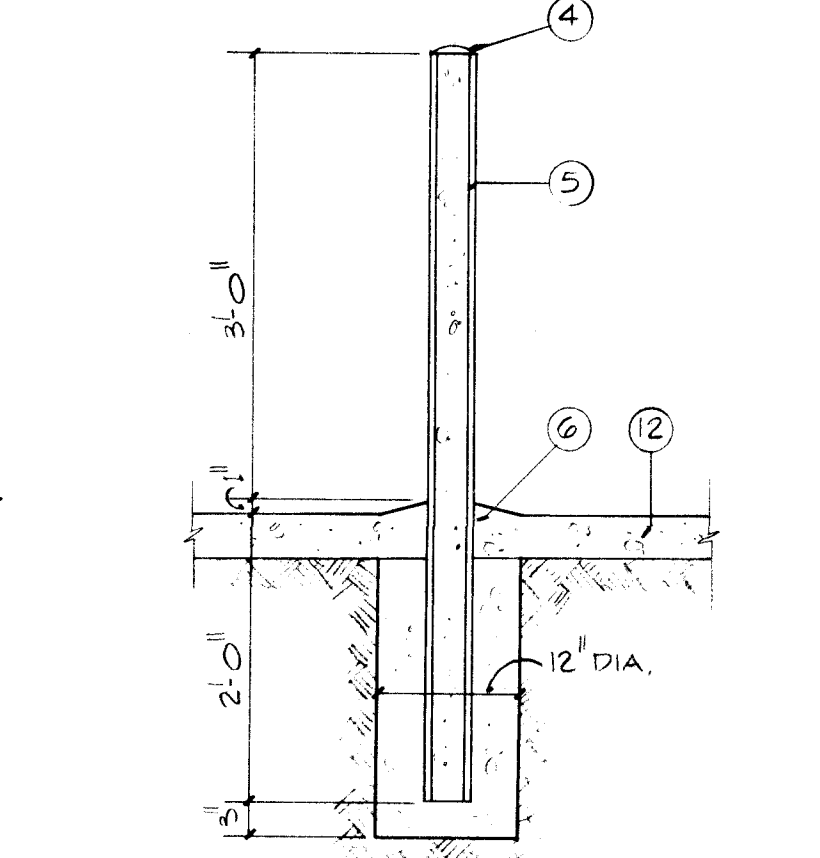
LIGHT POLE BASE DETAIL
N.T.S.



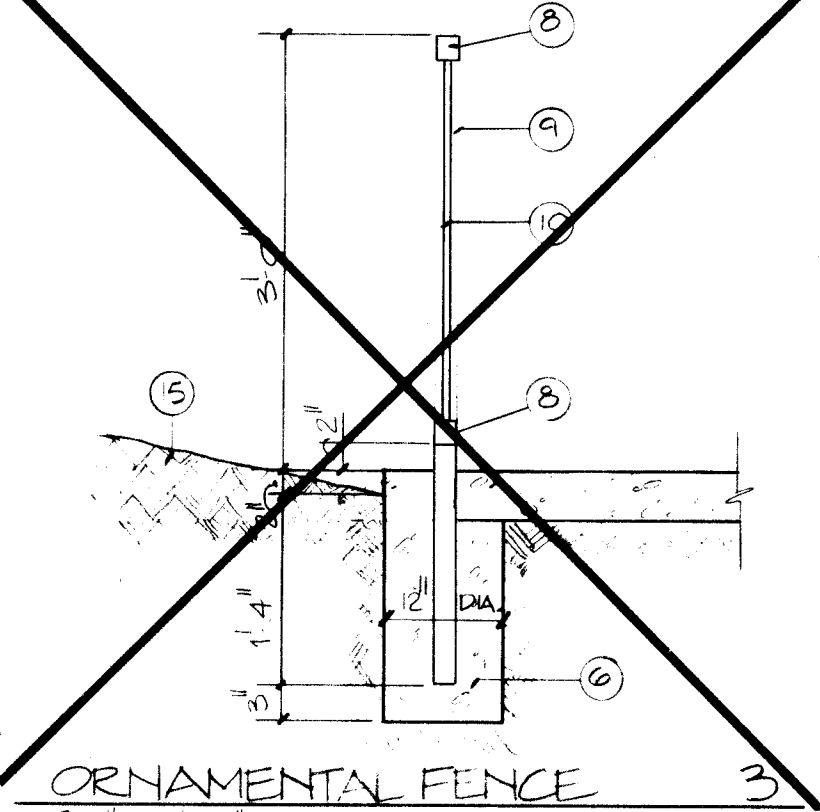
DETAIL (CORRAL SUPPORTS) ALT. No. 2
3/8" = 1'-0"



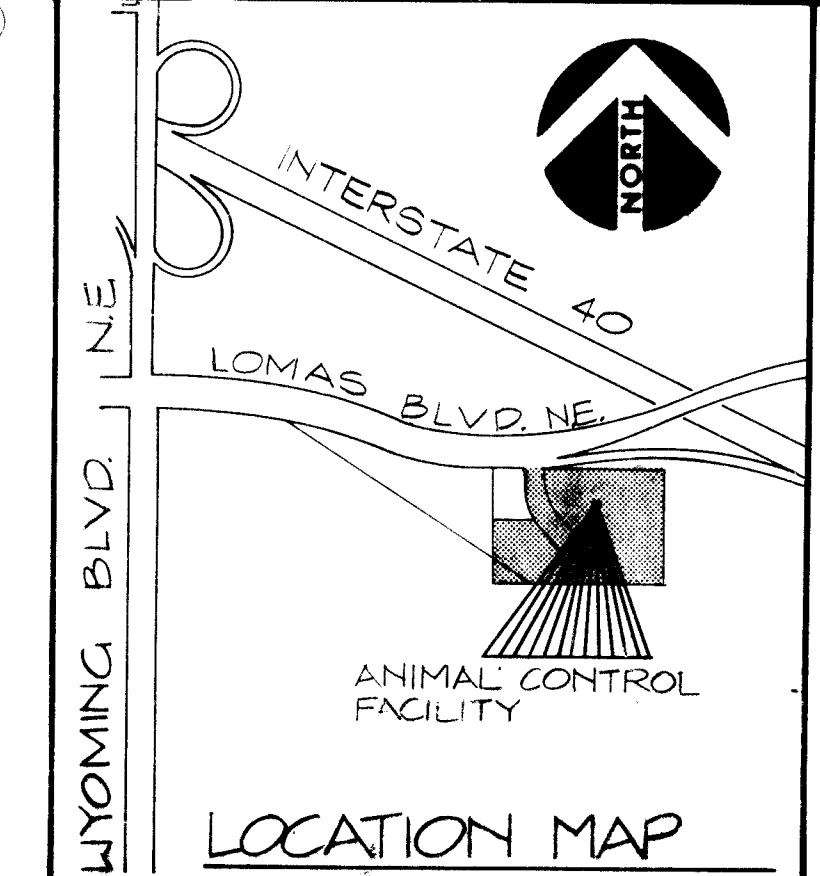
HAIR PIN DOOR STOP
1" = 1'-0"



BOLLARD (ALT. No. 1)
3/4" = 1'-0"



ORNAMENTAL FENCE
3/2" = 1'-0"



LOCATION MAP

KEYNOTES SD1:

1. NOT USED.
2. NOT USED.
3. 8" WIDE THICKENED SLAB.
4. ROUND CONCRETE AT TOP AS SHOWN.
5. 4" I.D. STEEL PIPE BOLLARD FILL WITH CONCRETE.
6. CONCRETE FOOTING.
7. ASPHALT PAVING. SEE 9/SD1.
8. NOT USED.
9. NOT USED.
10. NOT USED.
11. PAVING TO NEW CURB.
12. 4" CONCRETE SLAB WITH WWF 6X6-10/10.
13. SOLID SCORED CMU CAP BLOCK. PAINT.
14. 8" X 8" SCORED CMU W/ HORIZONTAL REINFORCING @ 16" O.C. PAINTED.
15. FINISH GRADE.
16. CONCRETE FOUNDATION.
17. BOLLARD. SEE 2/SD1 SIMILAR.
18. 6" THICK CONCRETE APRON WITH WWF 6X6-10/10.
19. CONCRETE CURB AND GUTTER. WITH 1/2" EXPANSION JOINTS AT 36" O.C. AND 3/4" SCORED JOINTS AT 6' O.C.
20. EXISTING TREES TO REMAIN.
21. EXISTING CORRAL FENCE SECTIONS. NOT IN CONTRACT.
22. THREADED PIPE SLEEVE. 1-3/4" I.D. VERIFY SIZE TO ACCOMMODATE INSERTION OF CORRAL FENCE SECTIONS IN SLEEVE. SHOP PRIME.
23. 6" STEEL PIPE COUPLE. SHOP PRIME.
24. THREADED PIPE SET IN CONCRETE. PROVIDE WITH SHOP PRIMED THREADED CAP.
25. FILL PIPE WITH CONCRETE TO LEVEL SHOWN.
26. CHAINLINK FENCE FABRIC. SEE SPECS.
27. LINE POSTS SET IN CONCRETE.
28. TOP RAIL.
29. 3 STRANDS OF BARBED WIRE AT SUPPORT ARM.
30. NOT USED.
31. BARBED WIRE SUPPORTING ARMS.
32. LINE OF FINISH GRADE AT UNPAVED AREAS.
33. 1/2" EXPANSION JOINT MATERIAL.
34. 1-1/2" ASPHALTIC CONCRETE SURFACE COURSE. 1500# STABILITY.
35. 1-1/2" ASPHALTIC CONCRETE BASE COURSE. 1500# STABILITY.
36. 6" SUBGRADE COMPACTED @ 95% ASTM D-1557.
37. NOT USED.
38. CONCRETE PAVING EDGE CURB.
39. 1/4" STEEL SPACER WELDED TO PIPES BELOW GRADE WHERE DOUBLE PIPE SLEEVES OCCUR.
40. FIELD VERIFY DIMENSION BETWEEN CONNECTED CORRAL SECTIONS PRIOR TO FABRICATION OF DBL. SLEEVE ASSEMBLY.
41. REMOVE EXISTING SECTION OF SIDEWALK SHOWN DASHED.
42. RELOCATE EXISTING SIGN AS SHOWN.
43. RELOCATE EXISTING LIGHT POLE SHOWN.
44. JOIN NEW CONCRETE CURB AND GUTTER TO EXISTING AT THIS POINT.
45. NEW LIGHT POLE. SEE ELECTRICAL.
46. REMOVE EXISTING CURB AND GUTTER SHOWN DASHED. SEE C1.
47. NEW ASPHALT PAVING THIS AREA. SEE C1 FOR NEW AREAS TO BE PAVED. SEE 9/SD1.
48. NEW 36" WIDE CHAINLINK GATE WITH MANGUARD PER 8/SD1.
49. PARKING LOT STRIPING TYPICAL AT ALL PARKING AREAS.
50. LIMIT OF PAVING REMOVAL.
51. REMOVE PAVING AT AREAS TO BECOME LANDSCAPE PLANTERS. SEE LANDSCAPE PLAN.
52. REMOVE SECTION OF EXISTING CONCRETE GUTTER. SEE C1.
53. CONCRETE GUTTER TO REMAIN. SEE C1.
54. FENCE. SEE FENCE LEGEND.
55. NOT USED.

56. RELOCATE EXISTING RACK MOUNTED FUEL TANK. SEE NOTE 68 FOR NEW LOCATION.
57. NEW CONCRETE CURB AND GUTTER SHOWN SHADDED. SEE 9/SD1.
58. REMOVE EXISTING SLIDING CHAINLINK GATE. REPLACE WITH NEW 20" WIDE SWINGING CHAINLINK GATE AT LOCATION SHOWN.
59. RELOCATE REMOTE CONTROL GATE AS SHOWN BY NOTE 61.
60. REMOVE EXISTING CONCRETE FLATWORK.
61. NEW LOCATION OF EXISTING REMOTE CONTROL GATE. NOTE DIRECTION OF OPERATION INDICATED BY ARROW. PROVIDE SECTION OF NEW CHAINLINK FENCE BETWEEN GATE AND IMPOUND BUILDING. LENGTH AS SHOWN.
62. RELOCATE GATE OPERATOR. PROVIDE CONCRETE BASE WITH 4 ANCHOR BOLTS PER ORIGINAL DESIGN. SEE ELECTRICAL.
63. PROVIDE 2'-0" OPENING WIDTH AT FENCE FOR GATE TRAVEL.
64. ALIGN NORTH FACE OF NEW KENNEL BUILDING WITH SOUTH FACE OF EXISTING BUILDING.
65. EXISTING LIGHT POLE TO REMAIN.
66. REMOVE EXISTING CONCRETE STRUCTURE ENTIRELY. FILL WITH COMPACTED FILL AND PAVE TO MATCH EXISTING GRADE.
67. EDGE OF EXISTING PAVING. REMOVE EXISTING CONCRETE CURB ENTIRE LENGTH.
68. NEW LOCATION OF RACK MOUNTED TANK.
69. NEW CONCRETE CURB AT PAVEMENT EDGE. SEE 10/SD1.
70. UNDER ALTERNATE NO. 2, EXISTING STRUCTURE TO BE REMOVED AND REMOVED FROM SITE.
71. NEW CATCH BASIN. SEE C1.
72. EXISTING CONCRETE DRAINAGE STRUCTURE.
73. NEW MANHOLE. SEE C1. BASE BID.
74. REMOVE EXISTING FLATWORK, 5 SHRUBS, AND 1 TREE IN LINE OF CONSTRUCTION THIS AREA.
75. NEW CONCRETE FLAT WORK. SEE SD2 AND A1.
76. REMOVE EXISTING ANTENNA FOUNDATION.
77. REMOVE EXISTING CONCRETE PAD. CAGES MOVED BY OWNER.
78. REMOVE EXISTING WOOD FENCE. SALVAGE TO OWNER.
79. EXISTING BUILDING SHOWN HATCHED TO BE DEMOLISHED ENTIRELY AND REMOVED FROM SITE.
80. EXISTING FIRE HYDRANT TO REMAIN.
81. REMOVE EXISTING R.R. TIE PLANTERS. SALVAGE R.R. TIES TO OWNER. GRADE AREA FLAT TO RECEIVE SOD.
82. EXISTING TREES TO REMAIN. PRUNE AS NEEDED TO PROVIDE CLEARANCE AT NEW BUILDING. WORK TO BE DONE BY PROFESSIONAL TREE PRUNER.
83. EXISTING FENCE AND CURB TO REMAIN.
84. EXISTING ACCESS GATE TO REMAIN.
85. NEW PAD MOUNT TRANSFORMER. SEE ELECTRICAL.
86. EXISTING POWER POLE TO REMAIN.
87. REMOVE TEMPORARY POWER POLE TO TRAILER.
88. RELOCATE TRAILER. REMOVE ANY FOUNDATIONS, PAVING, ETC. TO FORM LANDSCAPE PLANTER.
89. NEW REFUSE ENCLOSURE. SEE 5/SD1. OWNER TO PROVIDE AND RELOCATE REFUSE CONTAINER.
90. EXISTING TREES. REMOVE AS REQUIRED TO ACCOMPLISH WORK IN THIS AREA.
91. NEW LIGHT POLE LOCATION.
92. HANDICAP ACCESS RAMP.
93. NEW CONCRETE WALK. SEE C1.
94. REMOVE FLAG POLE AND FOUNDATION. SALVAGE POLE TO OWNER.
95. NOT USED.
96. REMOVE EXISTING CONCRETE CURB. 6 7 8 9 10 11 12

GENERAL NOTES:

1. SEE SD2 FOR LOCATION OF CONSTRUCTION FENCING TO BE ERECTED BY CONTRACTOR.

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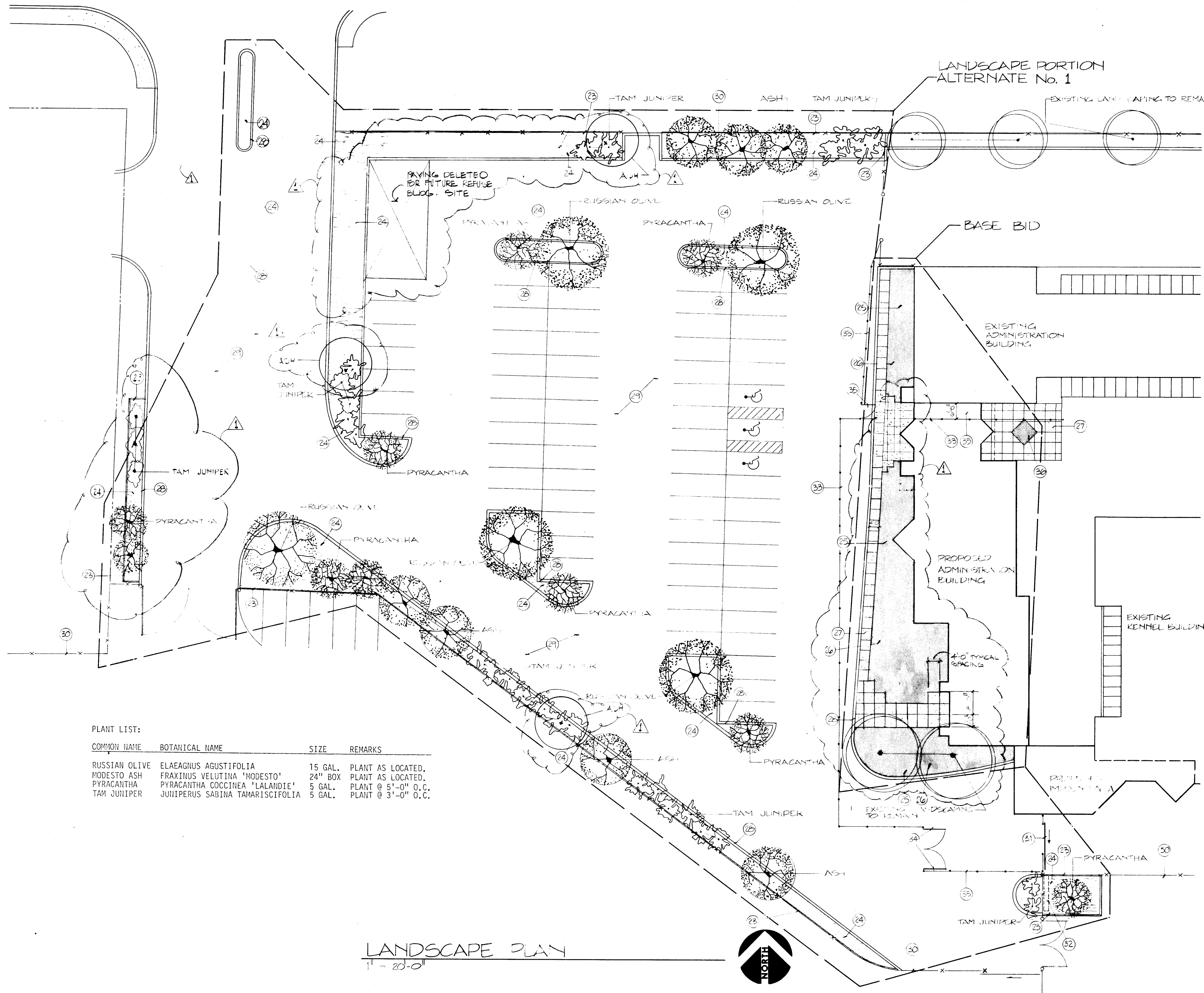


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ANIMAL CONTROL CENTER EXPANSION

SITE PLAN, DETAILS
REVISIONS

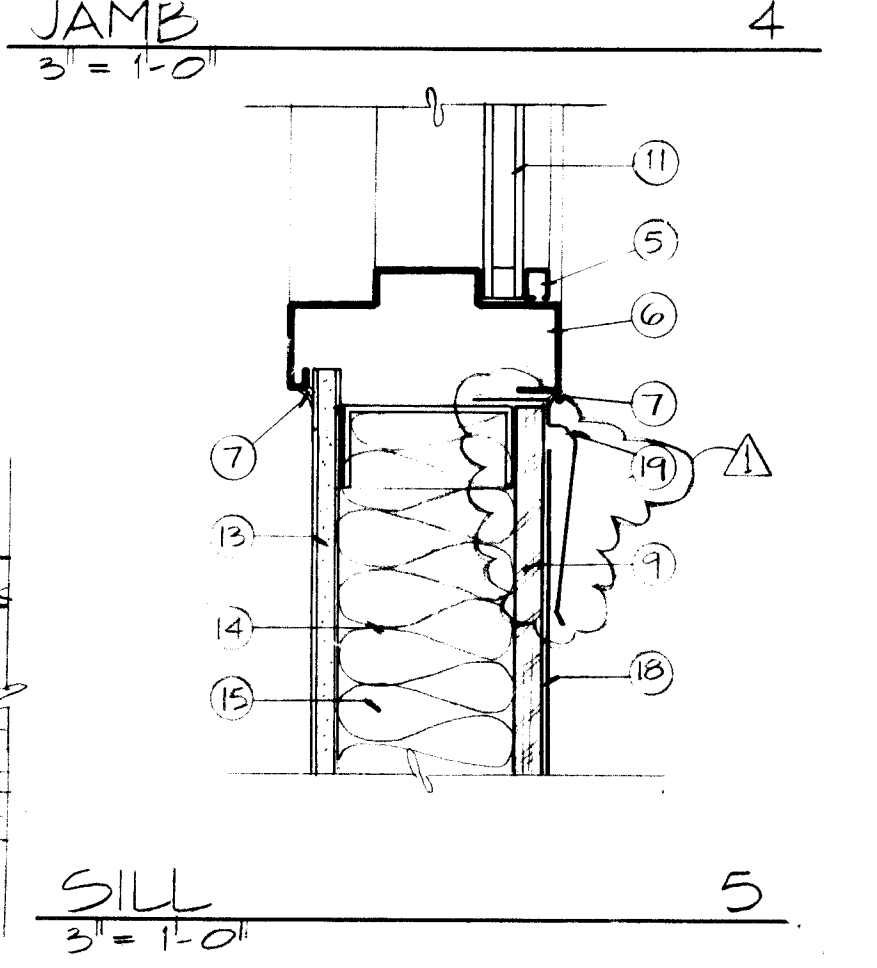
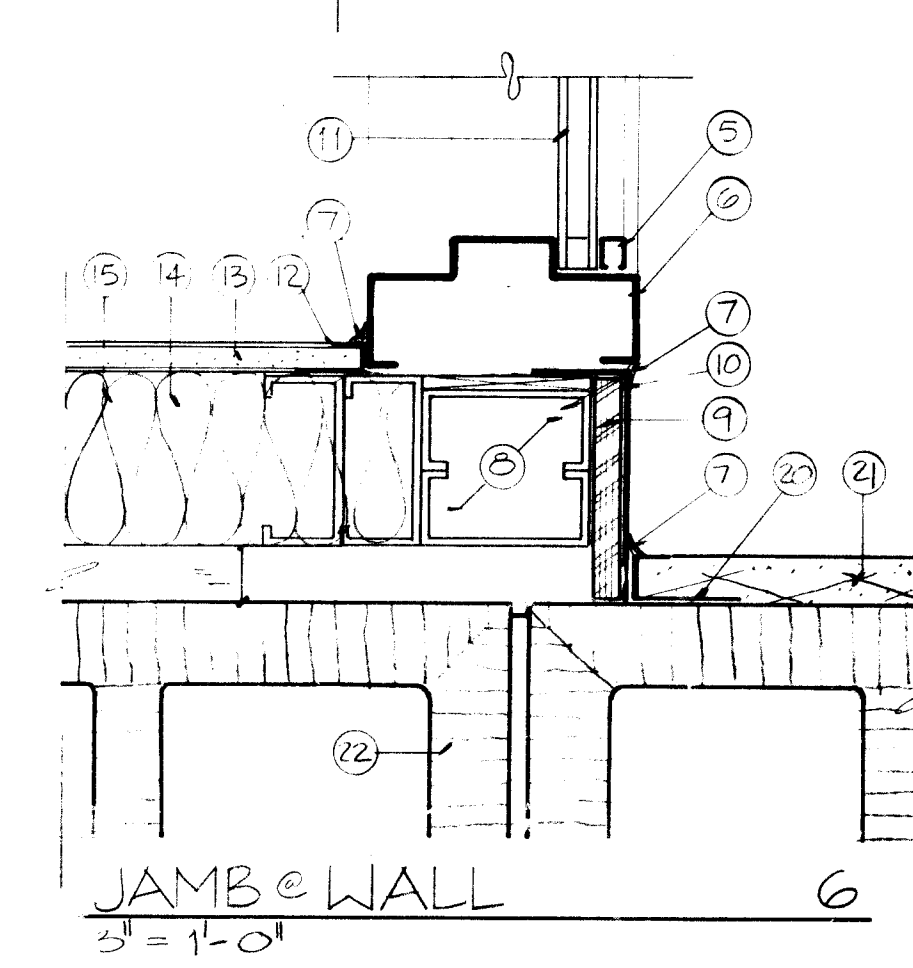
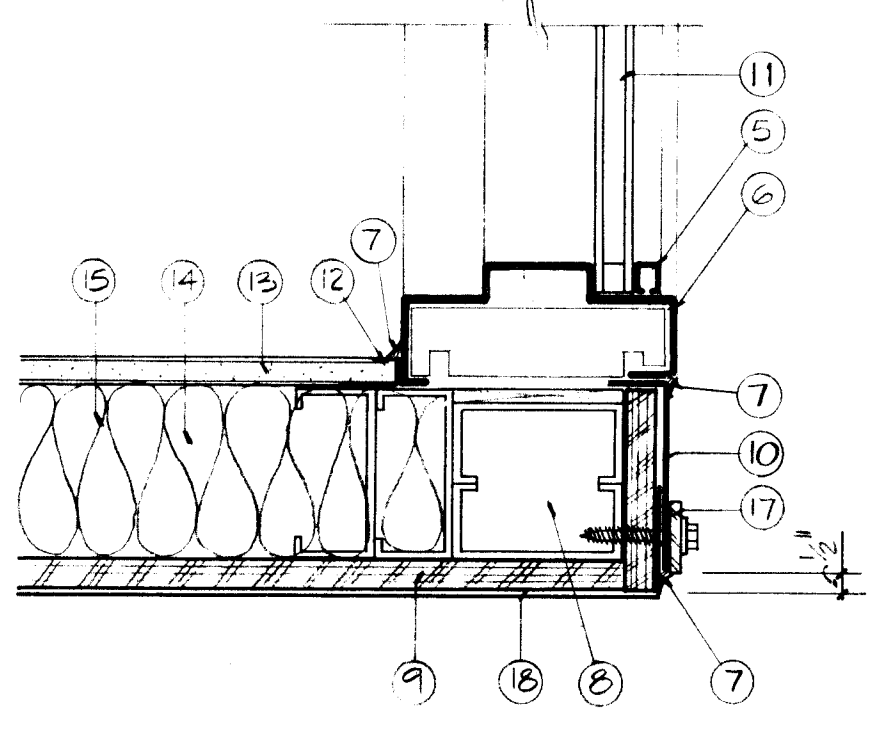
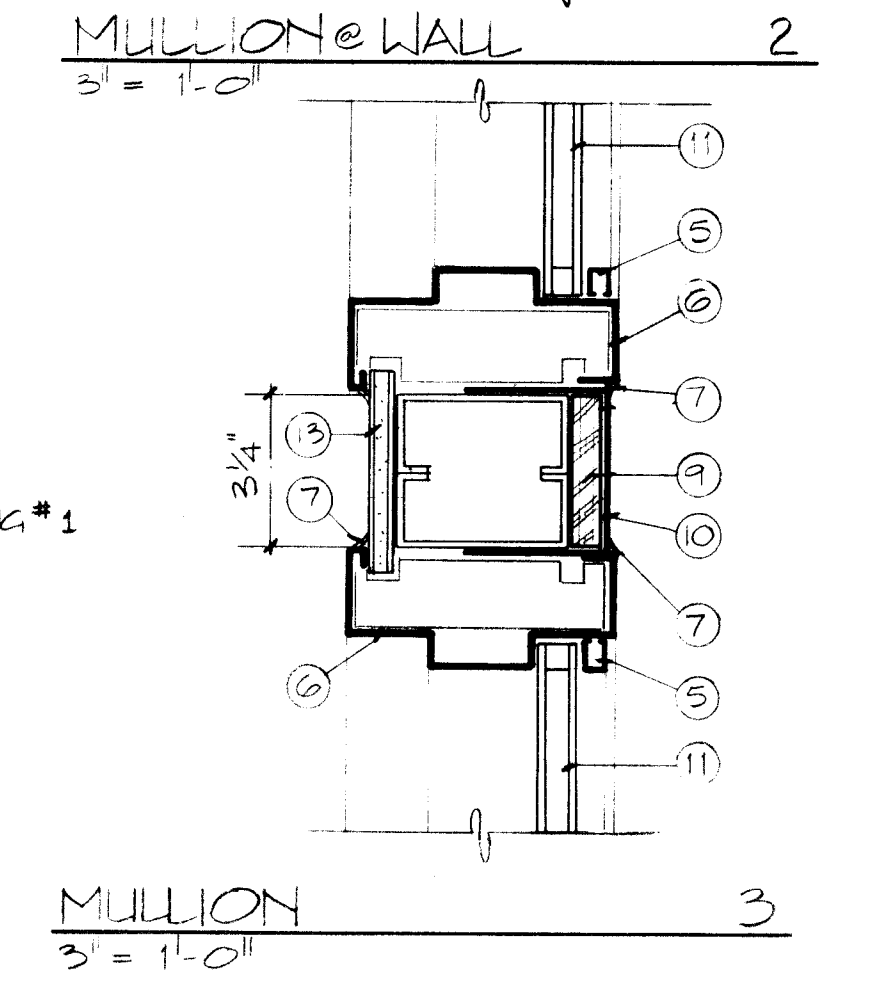
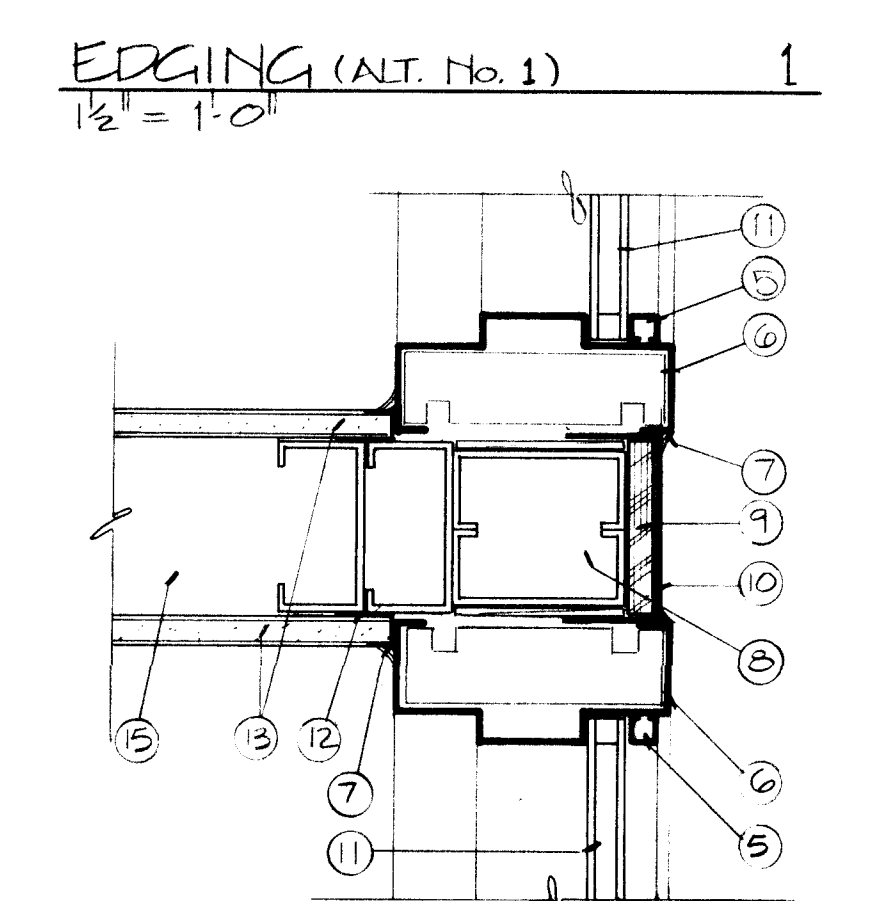
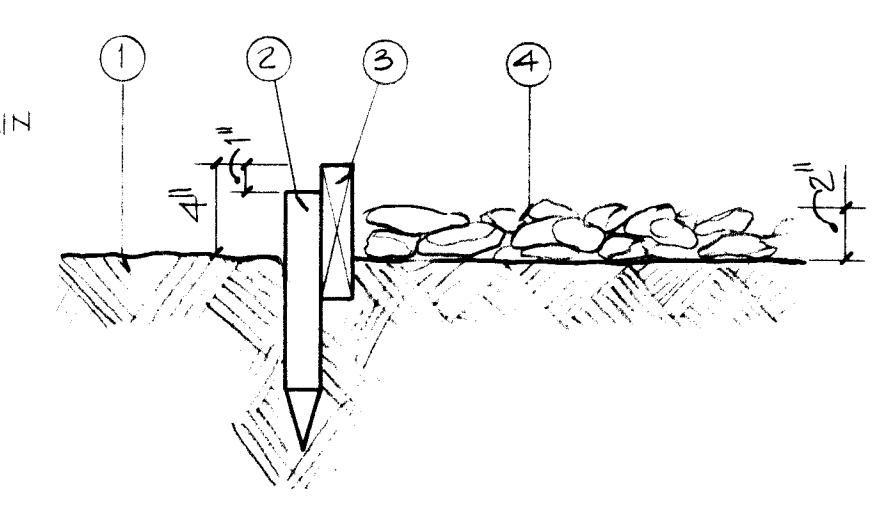
SD1
2-15-05



PLANT LIST:

COMMON NAME	BOTANICAL NAME	SIZE	REMARKS
RUSSIAN OLIVE	ELAEOAGNUS AGUSTIFOLIA	15 GAL.	PLANT AS LOCATED.
MODESTO ASH	FRAXINUS VELUTINA 'MODESTO'	24" BOX	PLANT AS LOCATED.
PYRACANTHA	PYRACANTHA COCCINEA 'LALANDIE'	5 GAL.	PLANT @ 5'-0" O.C.
TAM JUNIPER	JUNIPERUS SABINA TAMARISCIFOLIA	5 GAL.	PLANT @ 3'-0" O.C.

LANDSCAPE PLAN
1" = 20'-0"



- KEYNOTES: SD2
1. FINISH GRADE.
 2. 2" SQ. X 16" LONG REDWOOD STAKES AT 3'-0" O.C.
 3. 2X6 REDWOOD EDGE BOARD, NAIL TO STAKES WITH GALVANIZED NAILS.
 4. BARK MULCH.
 5. GLAZING STOP.
 6. HOLLOW METAL FRAME.
 7. CAULK.
 8. DOUBLE STUD. SEE STRUCTURAL.
 9. 5/8" PLYWOOD.
 10. HOLLOW METAL COVER.
 11. INSULATED GLAZING.
 12. DRYWALL TRIM.
 13. 5/8" GYPSUM BOARD ON METAL STUDS.
 14. R-11 BATT INSULATION.
 15. 3-5/8" METAL STUDS AT 16" O.C.
 16. NOT USED.
 17. CONTINUOUS 1-1/2" X 1/8" STEEL COMPRESSION BAR OVER METAL TRIM AND MEMBRANE, FASTEN TO STEEL STUDS WITH TEK SCREWS WITH SEALING WASHERS AT 12" O.C. PAINT.
 18. ADHERED MEMBRANE SYSTEM.
 19. METAL FLASHING: FRY REGLET TYPE WITH SHIELDING FLASHING WITH OR EQUAL.
 20. METAL STUCCO STOP.
 21. 1" STUCCO ON METAL LATH ON CMU.
 22. CMU.
 23. REDWOOD EDGING. SEE 1/SD2.
 24. PROVIDE BARK MULCH AT ENTIRE PLANTER. 2" LAYER.
 25. REMOVE EXISTING GRASS. CONDITION SOIL PER SPECS AND INSTALL NEW SOD IN THIS AREA SEEDING SHADED.
 26. NEW SPRINKLER IRRIGATION SYSTEM TO PROVIDE FULL COVERAGE OF NEWLY SODDED AREAS. SEE MECHANICAL.
 27. NEW 4" CONCRETE FLATWORK.
 28. CONCRETE CURB AND GUTTER. SEE SD1.
 29. ASPHALT PAVING. SEE C1 FOR EXISTING PAVING AND NEW AREAS TO RECEIVE PAVING.
 30. FENCE LINE. SEE SD1.
 31. NEW LOCATION OF AUTOMATIC OPENING GATE, OR EQUAL.
 32. KEEP AREA OF AUTOMATIC OPENING GATE TRAVEL CLEAR OF ALL LANDSCAPE MATERIALS.
 33. LOCATION OF CONSTRUCTION FENCE. BASE BID. SEE SPECS.
 34. CONTRACTOR'S SITE ACCESS GATE. BASE BID.
 35. PROVIDE 4' WIDE PEDESTRIAN ACCESS GATE W/ HASP FOR PADLOCK AND MAINTAIN PASSAGE TO EXISTING BUILDINGS AS INDICATED. OWNER WILL PROVIDE LOCK. SEE SPECS.
 36. PROVIDE SOD AT THIS AREA. BERM TO 1'-0" HIGH AT CENTER.

GENERAL NOTES:

1. PROVIDE AUTOMATIC BUBBLER IRRIGATION SYSTEM AT ALL PLANTER AREAS. SEE MECHANICAL.

1	2	3	4	5	6	7	8	9	10	11	12
26	20	00	00	48	7						

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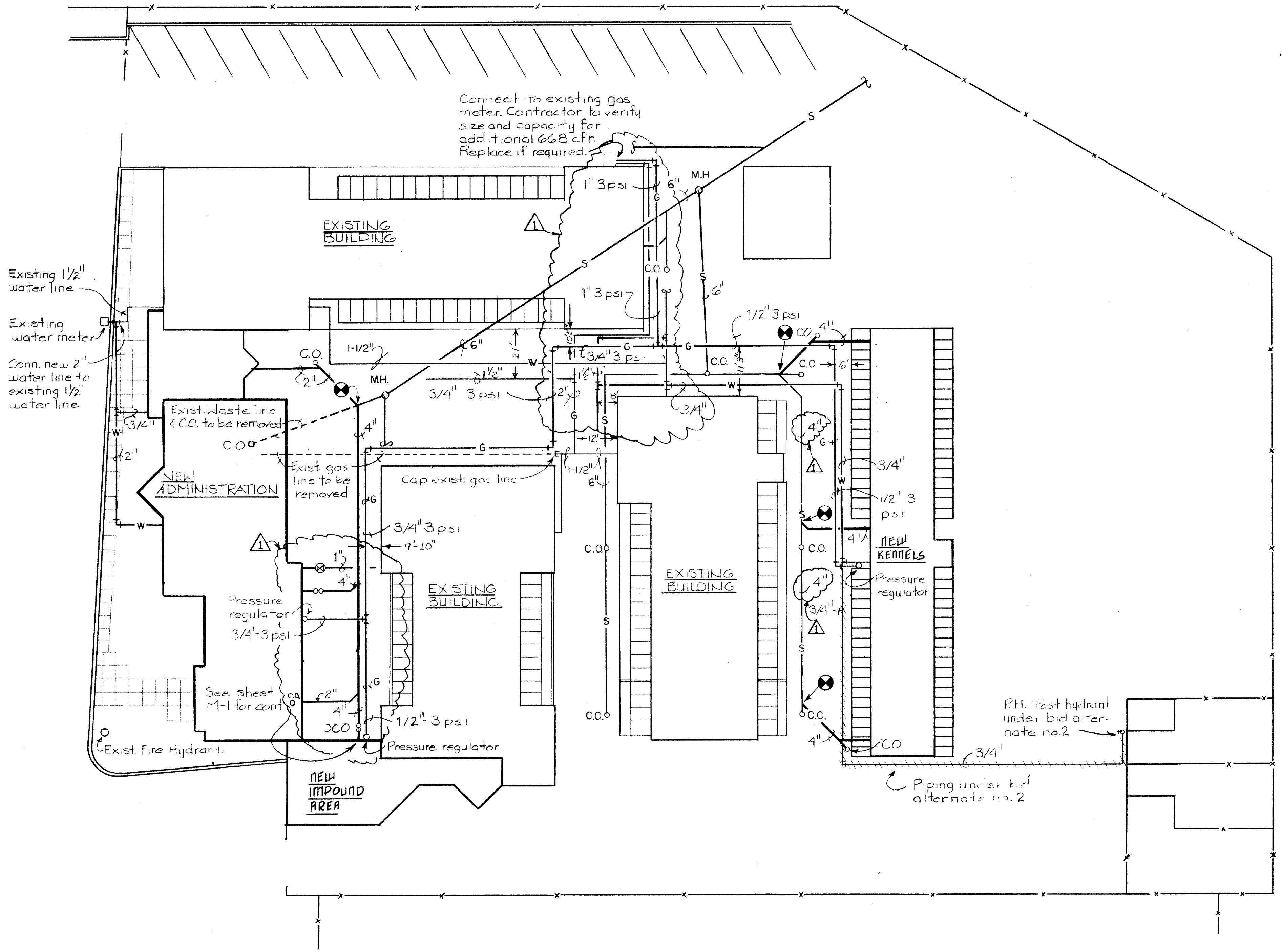
LANDSCAPE PLAN
DETAILS

RECORD
DRAWING
REVISIONS

STATE OF NEW MEXICO
GREGORY TYLER
HICKS
No. 1230
REGISTERED ARCHITECT

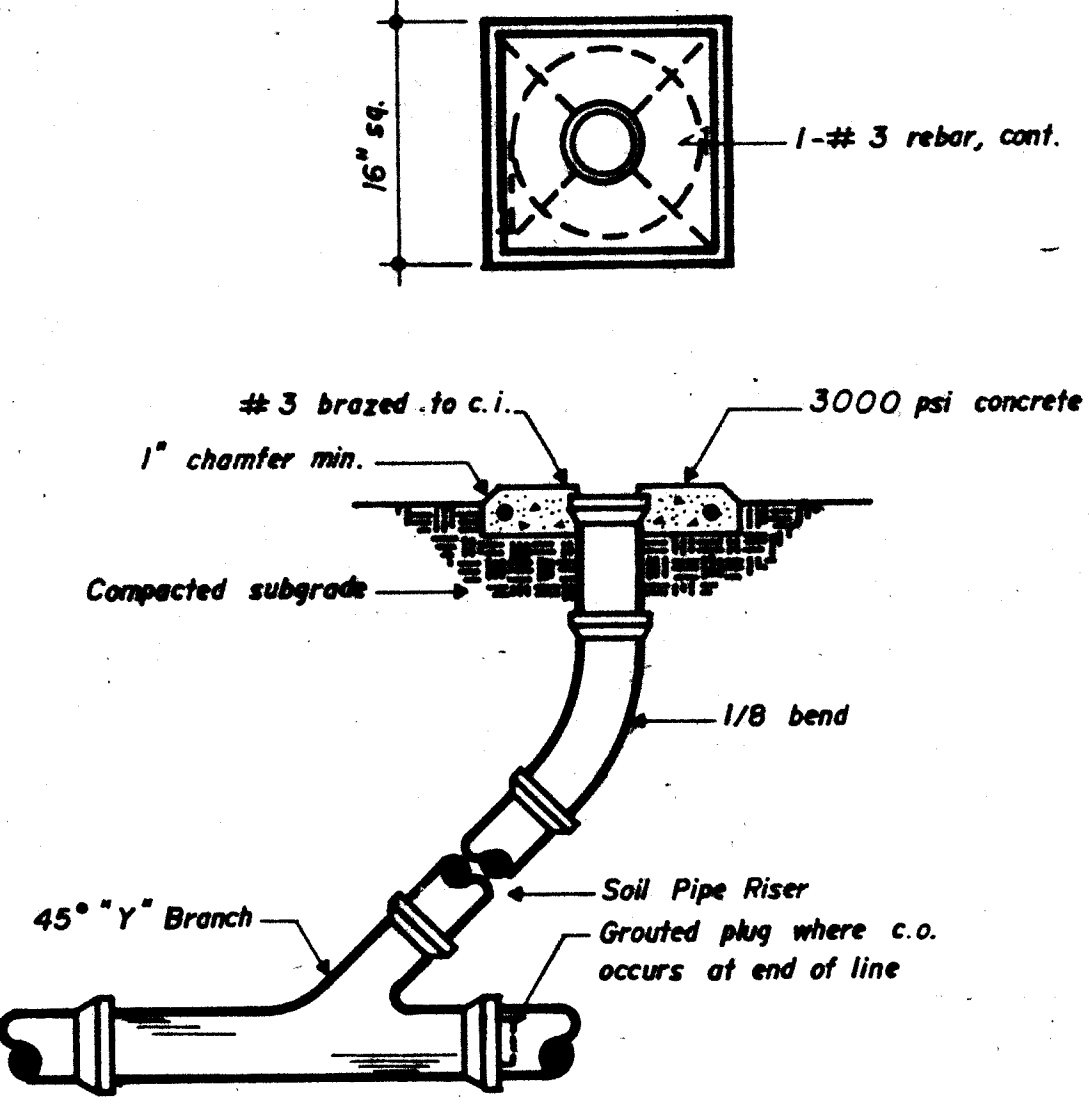
DS
2-15-85

LEGEND	
—S—	Existing Sewer
- - - S - - -	Existing Sewer to be removed
—S—	New Sewer
—W—	Existing Water line
—W—	New Water line
—G—	Existing gas line
- - - G - - -	Existing gas line to be removed
—G—	New gas line
⊗	Point of connection
~~~~~	Piping under alternate



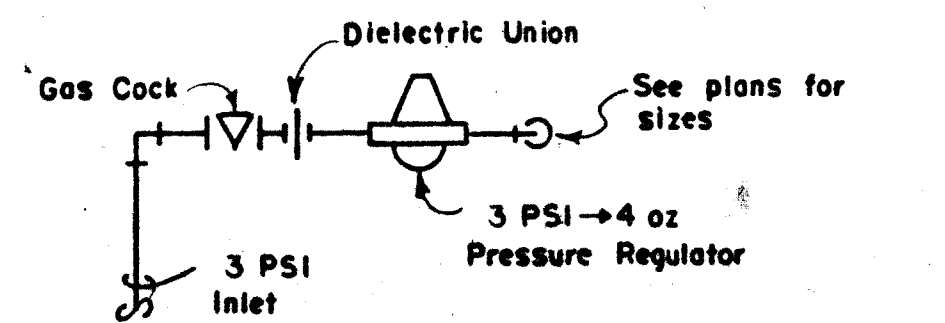
UTILITY SITE PLAN

Scale: 1" = 20'-0"



CLEAN-OUT TO GRADE DETAIL

NO SCALE



GAS REGULATOR DETAIL

NO SCALE

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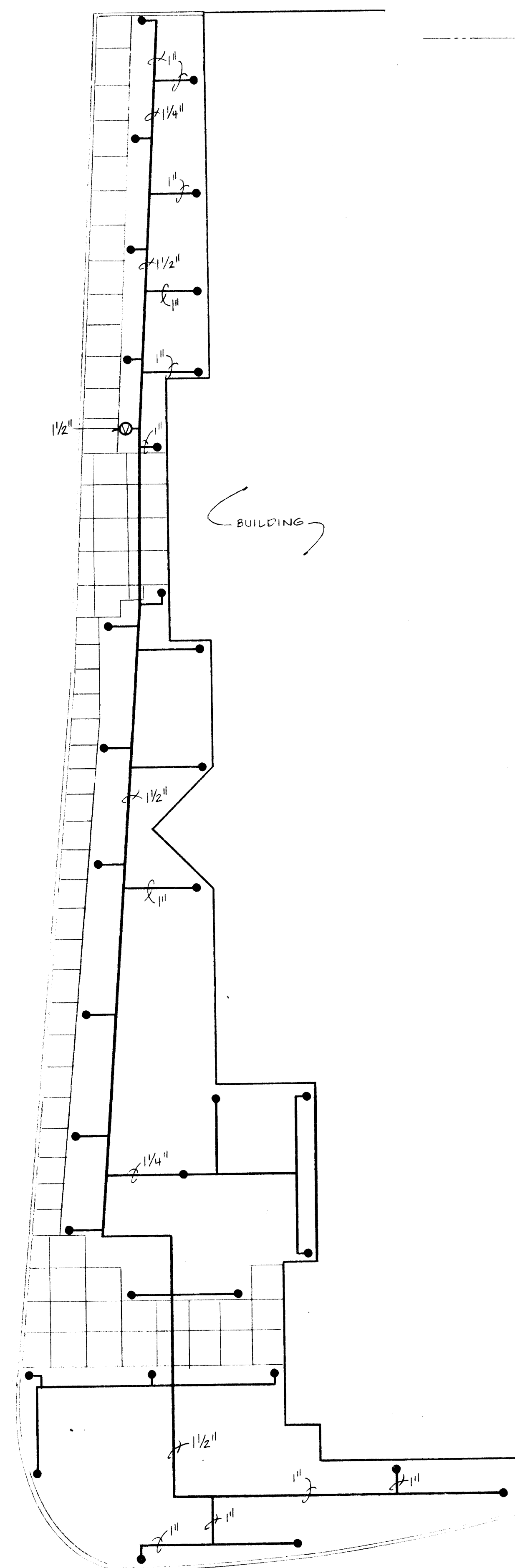
CITY OF ALBUQUERQUE  
ANIMAL CONTROL CENTER EXPANSION

RECORD  
DRAWING  
REVISIONS



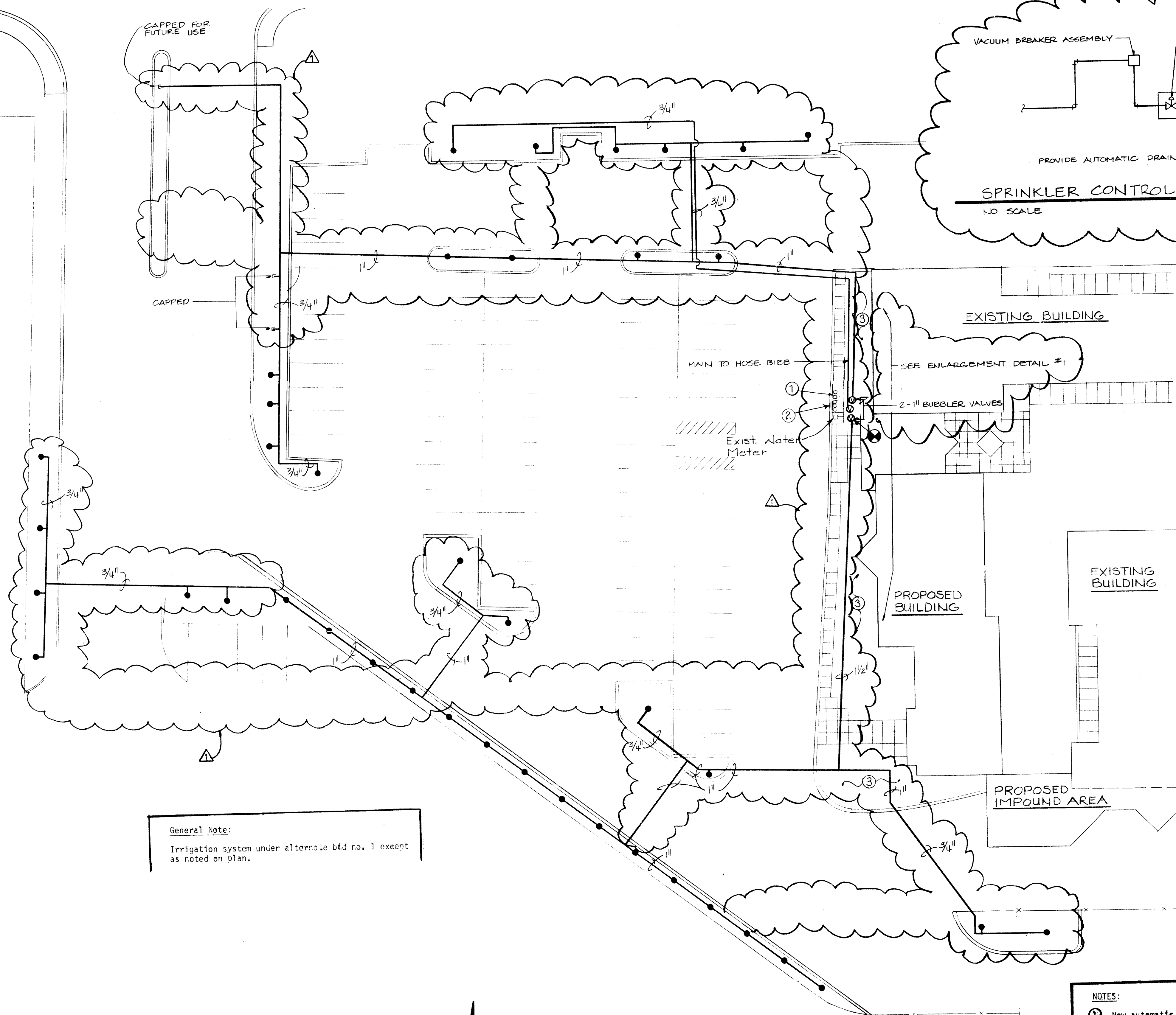
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ENLARGEMENT DETAIL NO. 1

SCALE: 1" = 10'-0"



General Note:  
Irrigation system under alternate bid no. 1 except as noted on plan.

IRRIGATION PLAN

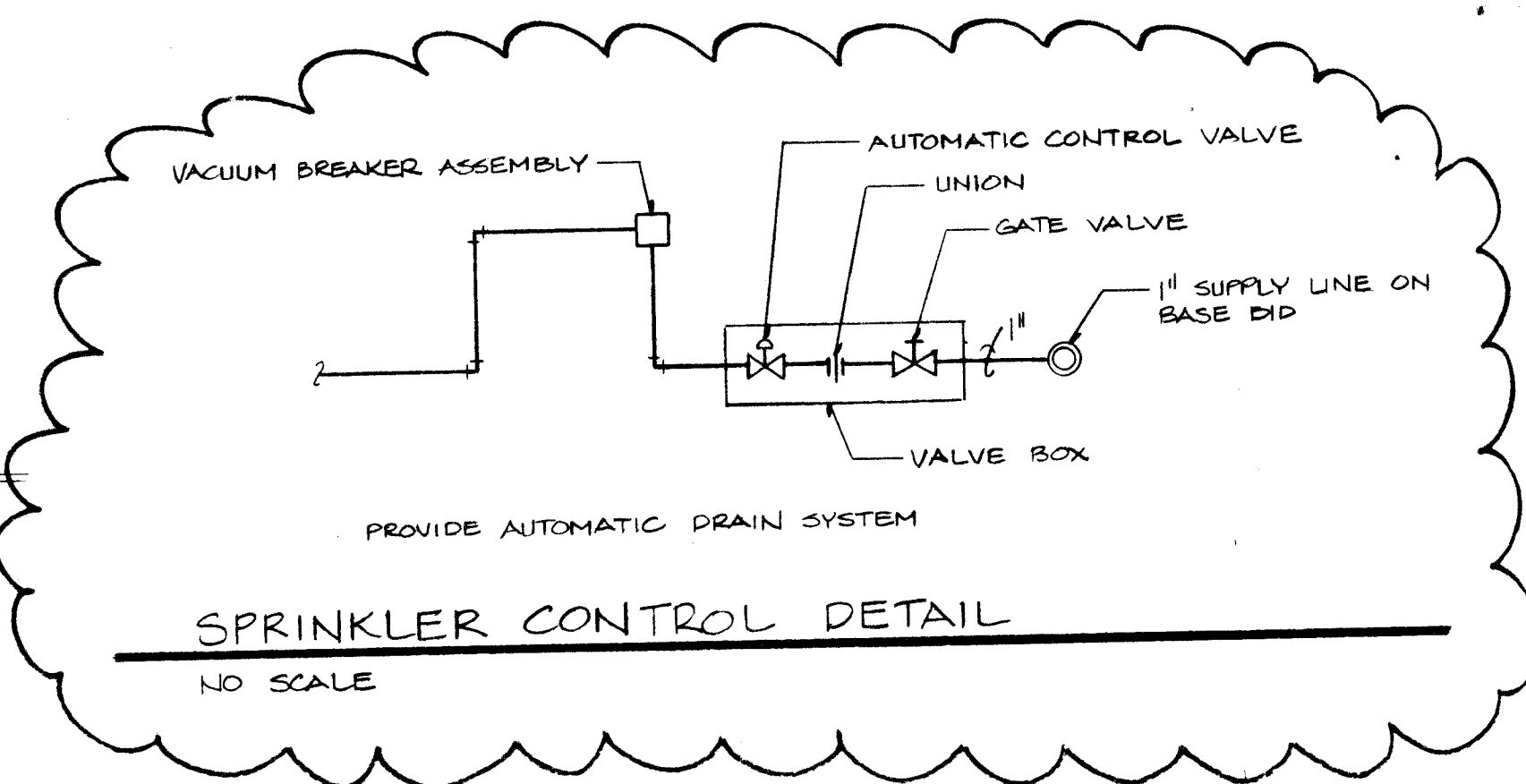
Scale: 1" = 20'-0"

LEGEND	
●	ADJUSTABLE FLOOD BUBBLER: TORO SERIES 500
⊙	AUTOMATIC VALVE: TORO SERIES 232
□	AUTOMATIC CONTROLLERS: TORO MODEL 153-00-14 EIGHT STATION CONTROLLER. SEE "MECHANICAL AND PLUMBING FLOOR PLAN" FOR LOCATION. ALT. NO. 1

- NOTES:
- 1 New automatic valve and vacuum breaker.
  - 2 Remove existing manual valve and install new automatic valve. Contractor to verify size.
  - 3 Existing irrigation system in this area to be modified for new building. Relocate heads to keep throw off building and sidewalks. Base Bid Provide full sprinkler coverage of new sod areas.

1 2 3 4 5 6 7 8 9 10 11 12  
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SPRINKLER CONTROL DETAIL

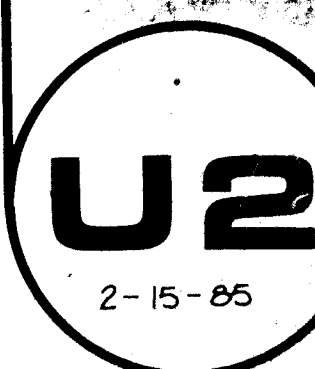
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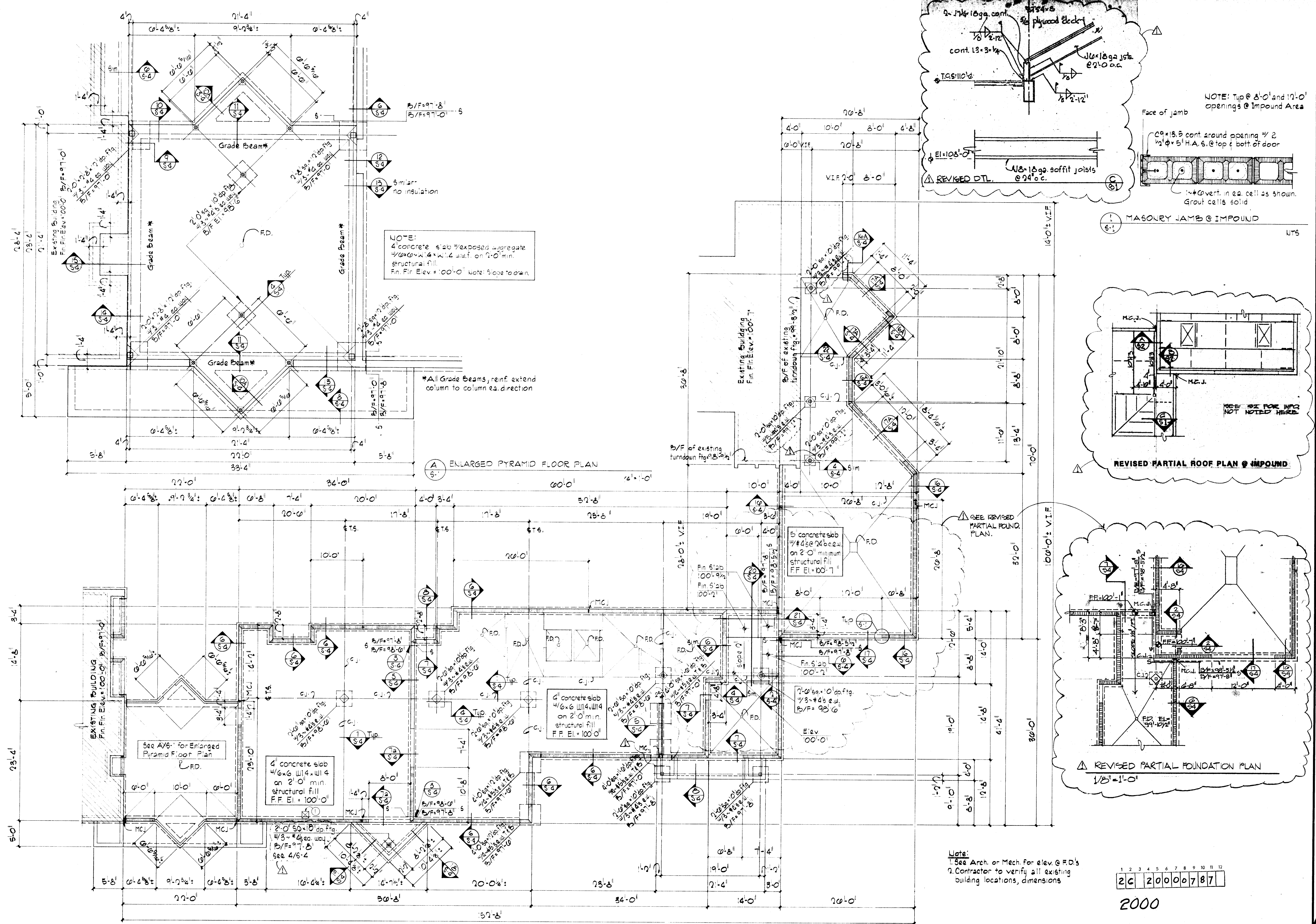
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**ANIMAL CONTROL CENTER EXPANSION**

RECORD DRAINING REVISIONS (ENTIRE SHEET)



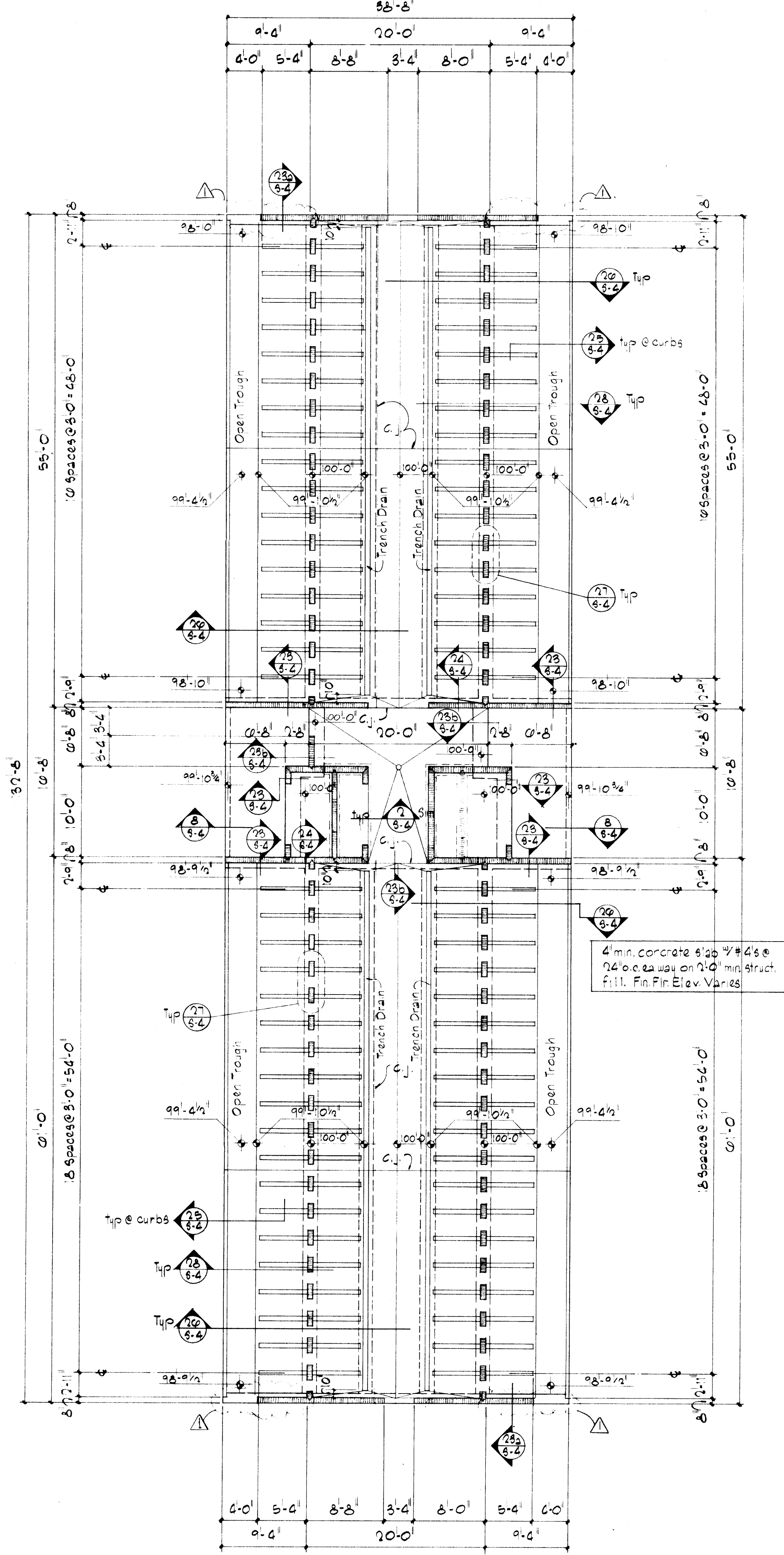






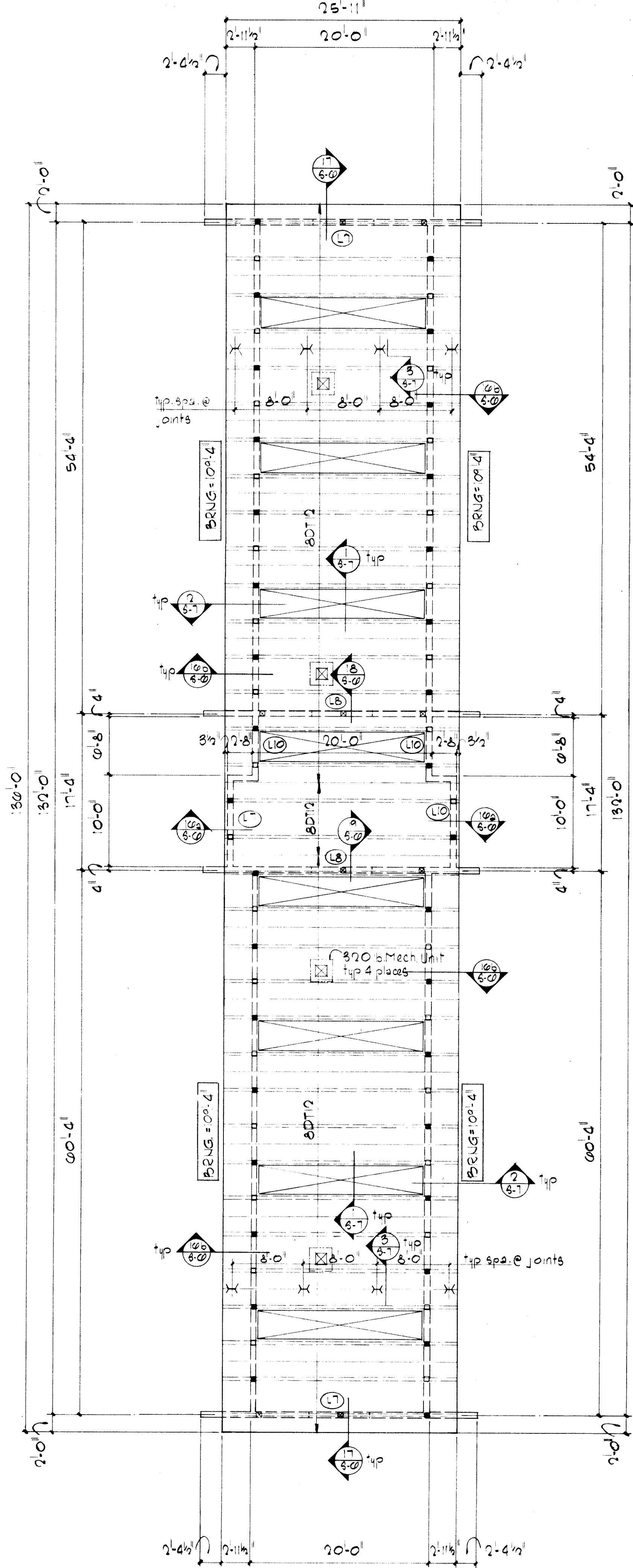
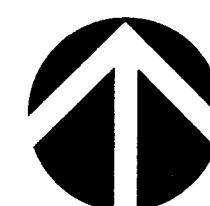






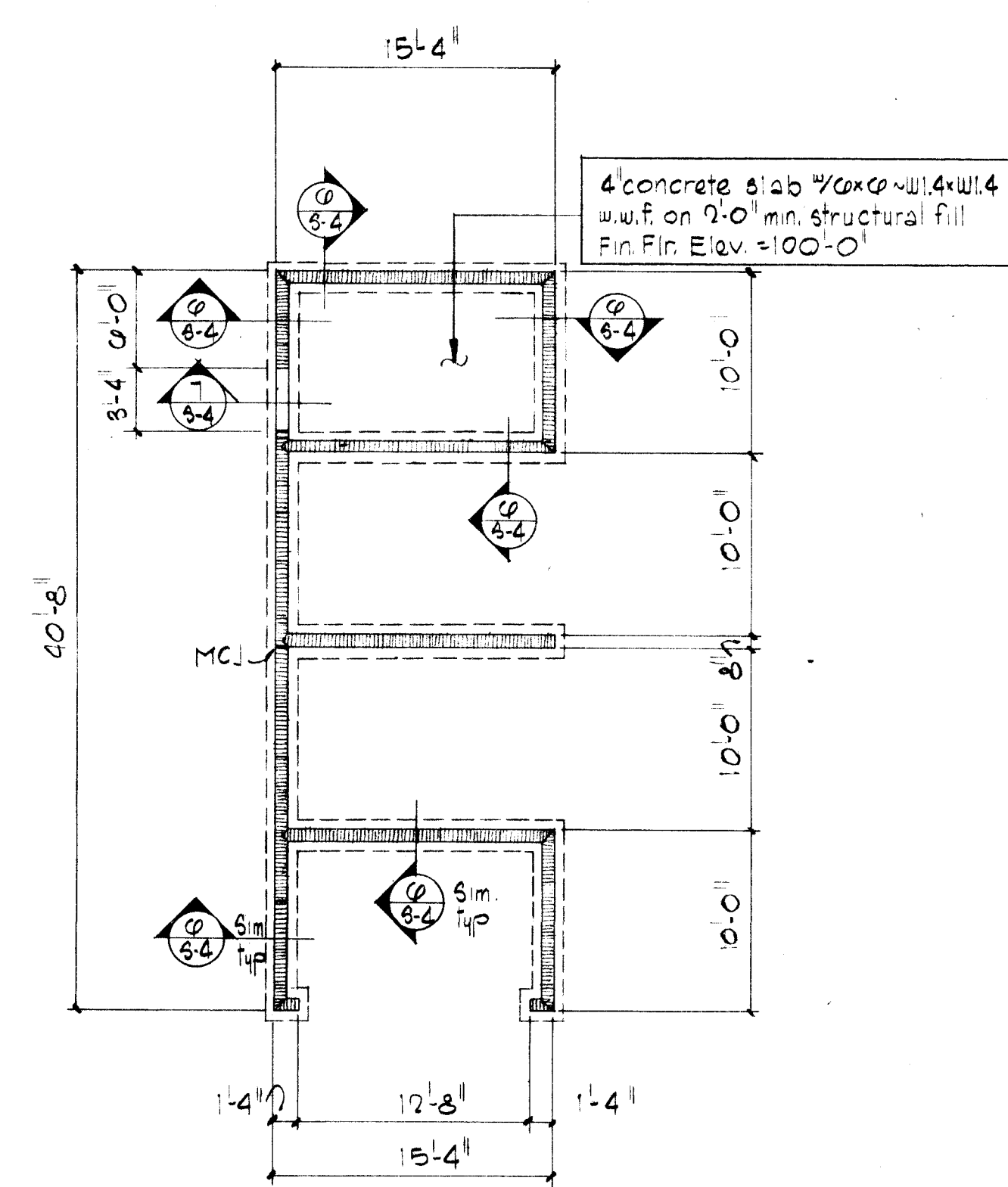
KENNEL FOUNDATION PLAN

Assumed Fin. Fin. Elev. = 100'-0" = 538'00" Actual



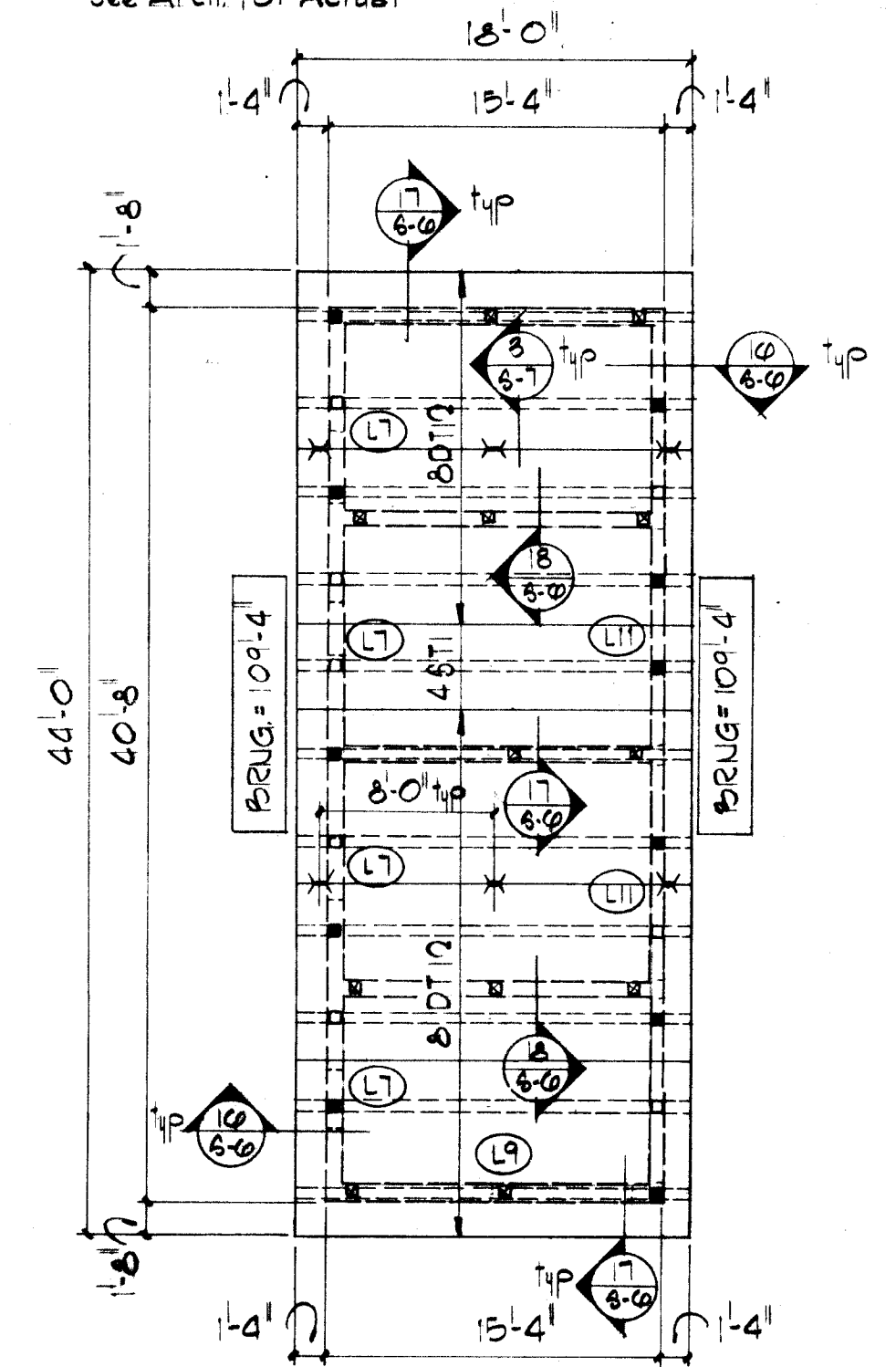
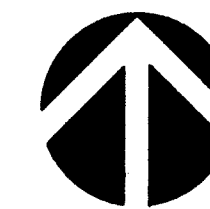
KENNEL ROOF FRAMING PLAN

Assumed Fin. Fin. Elev. = 100'-0" = 538'00" Actual



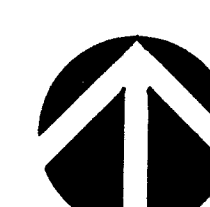
LOADING SHED FOUNDATION PLAN

Assumed Fin. Fin. Elev. = 100'-0" = 538'00" Actual



LOADING SHED ROOF FRAMING PLAN

Assumed Fin. Fin. Elev. = 100'-0" = 538'00" Actual



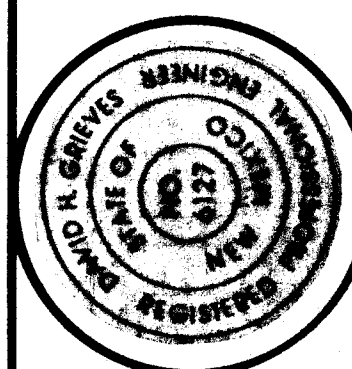
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RECORD  
DRAWING  
REVISIONS

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CITY OF ALBUQUERQUE  
ANIMAL CONTROL CENTER EXPANSION



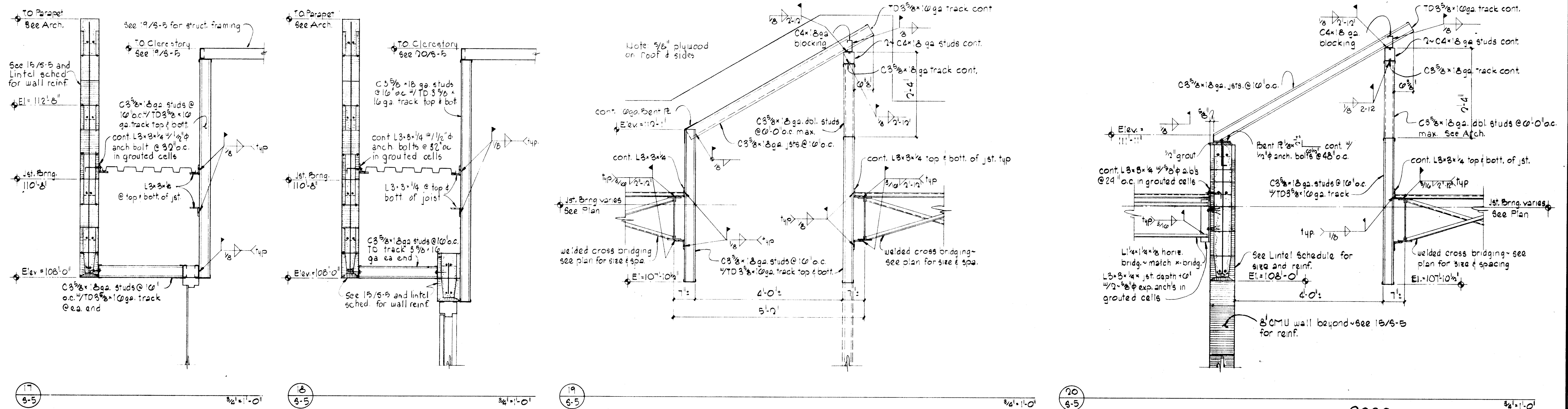
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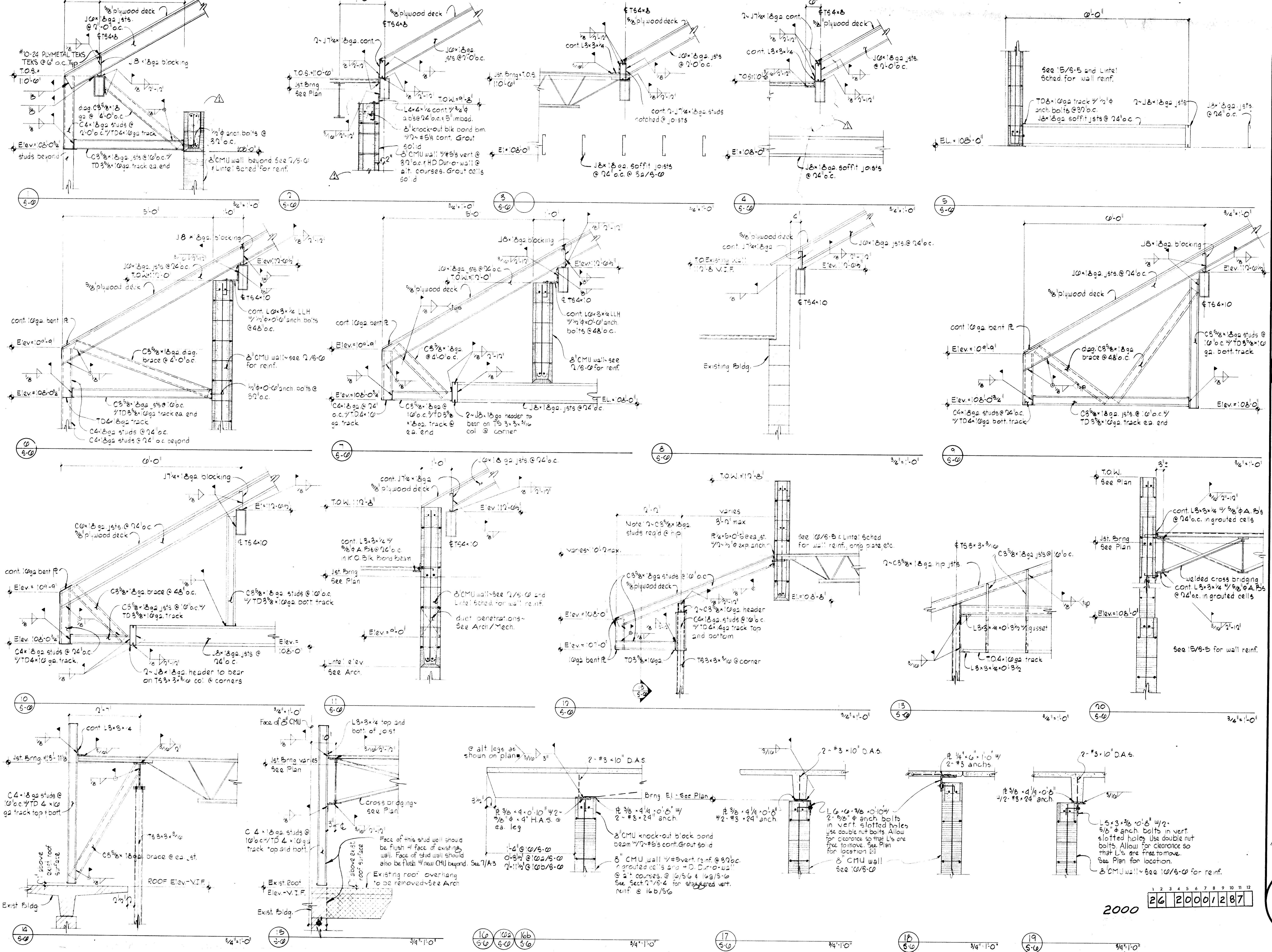




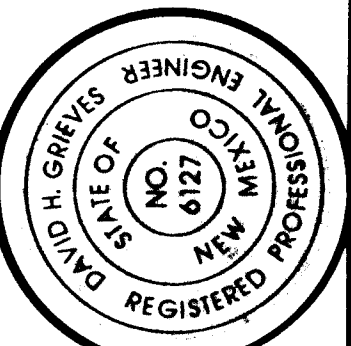








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**ANIMAL CONTROL CENTER EXPANSION**

RECORD  
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 REVISIONS

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 2-15-05

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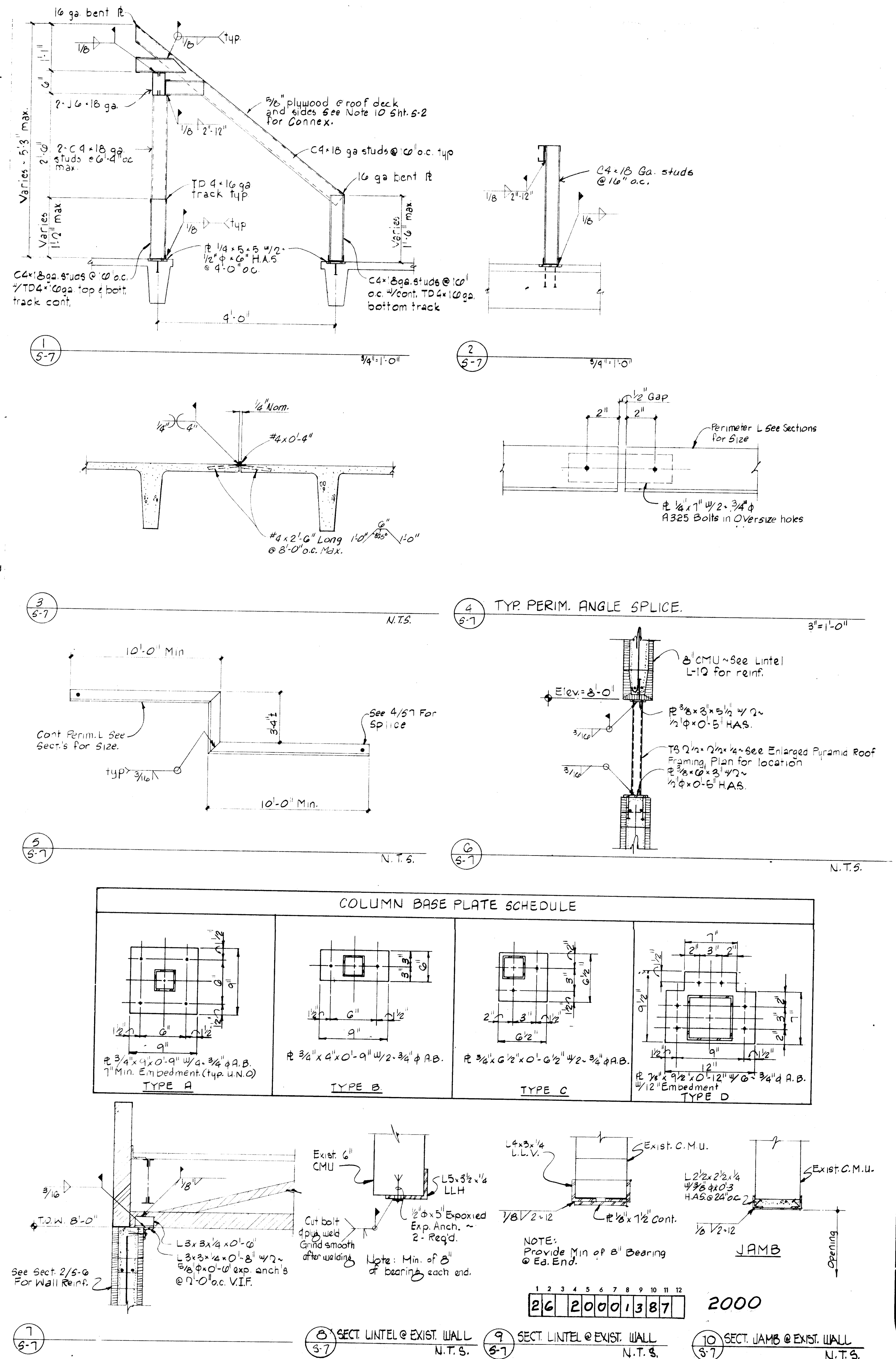
# GENERAL STRUCTURAL NOTES

1. CODES AND MANUALS:  
Uniform Building Code, 1982 Edition  
ACI 318-83  
AISC Manual of Steel Construction, 8th Edition  
PCI Design Handbook, 1978, 2nd Edition  
AISC Specification for the Design of Cold Form Steel Structural Members, 1980
2. DESIGN LOADS:  
A. Vertical: Live Load  
Roof 20 psf  
Floor 100 psf  
B. Horizontal:  
(1) WIND* [METHOD 1] P=Ce Cq qs I  
BASIC WIND SPEED = 75 MPH  
Combined Height, Exposure & Gust Factor Ce=1.2 (0-20 ft.)  
Pressure Coefficients: Windward Cq=0.8 Inward  
Leeward Cq=0.5 Outward  
qs=15 psf  
I=1.0  
(2) SEISMIC  
ZONE 2  
Importance Factor Z=0.375  
Horizontal Force Factor I=1.000  
Site Structural Resonance Coefficient K=1.000  
CS=0.140  
*Allowable 1/3 stress increase for gravity and/or seismic loading.  
C. Maximum Allowable soil bearing pressure: 2500 psf
3. GENERAL:  
A. The Contractor shall verify all dimensions in the field.  
B. Shop drawings shall be furnished for review before any fabrication and erection is started. Poorly executed shop drawings shall be rejected and resubmitted.  
C. The Contractor shall be responsible for providing safe and adequate shoring for all parts of the structure during construction.  
D. All trades shall coordinate and verify all openings in floors, roof, walls and beams with the General Contractor.  
E. Notching or cutting of any structural member is prohibited unless specifically detailed on the structural plans.  
F. The General Contractor shall be responsible for foundations under Mechanical equipment and shall coordinate size and location of foundations with the Mechanical Contractor.
4. MATERIALS:  
A. Cast-in-place Concrete:  
(1) All concrete shall conform to the specifications for Structural Concrete ACI 301-79.  
(2) Hardrock Concrete: Maximum dry unit weight = 145 pcf.  
a. fc = 3000 psi @ 28 days (air entrained) - All exterior concrete including sidewalks, slabs, pads, curbs, gutters, and retaining walls.  
b. fc = 3000 psi @ 28 days - All interior cast-in-place concrete including footings, pedestals, tie beams, grade beams, slabs on grade.  
c. Maximum dry unit weight = 145 pcf.  
d. Maximum slump = 4 inches.  
e. Maximum aggregate size = 1 1/2 inch.  
f. Minimum cement content = 5 sacks per cubic yard.  
Use Type I & II cement.  
B. Prestressed Hardrock Concrete:  
(1) fc = 5000 psi @ 28 days.  
(2) fc = 3500 psi min. at transfer of prestress.  
(3) Mix design, including admixtures, shall be submitted for review prior to casting.  
(4) Precast connections shown are for illustration purposes only. They may vary to conform to precast suppliers standards if prior approval is obtained from engineer.  
(5) All reinforcing in precast not shown or noted shall be the responsibility of the precast supplier.  
(6) Differential deflection between adjacent prestressed tees is to be removed by jacking the lower tees before connection elements are welded.  
(7) The prestress supplier shall be responsible for providing that all cast-in embedments in prestressed members, such as anchors, ladders, plates, angles, etc., shall have sufficient anchorage for loads encountered during transportation and erection operations.  
C. Reinforcing Steel:  
(1) All reinforcing steel shall conform to ASTM A615 Grade 60; except stirrups, ties, and field-bent bars shall conform to ASTM A615 Grade 40.  
(2) Prestressing tendons shall conform to ASTM A416 specification for uncoated seven-wire stress-relieved strand 270K.  
(3) Welded smooth wire fabric shall conform to ASTM A185 specification for welded wire fabric for concrete reinforcement.  
(4) Reinforcing steel shall be fabricated and placed in accordance with the Building Code Requirements for Reinforced Concrete (ACI 318-83) and the Standard Manual (ACI 315-80).  
(5) Bar supports and spacers for rebar shall be provided in accordance with ACI 315-80. Chairs with 22 ga. sand plates shall be provided for all rebar in slabs on ground.  
(6) Where lapped splices in reinforcing occur, the minimum lap shall be made as follows:  
a. Vertical reinforcing: 30 bar dia. or 18 inches minimum  
b. Horizontal reinforcing: 30 bar dia. or 18 inches minimum  
c. Horizontal corner bars: 30 bar dia. or 18 inches minimum  
d. Slabs and walls  
e. Concrete cover for reinforcing shall be as follows:  
a. Concrete poured against earth 3 inches  
b. Concrete poured in forms but exposed to weather or earth:  
1. If bars are larger than No. 5 2 inches  
2. If bars are No. 5 or smaller 1 1/2 inches  
c. Columns, girders, and beams 1 1/2 inches  
d. Slabs and walls 3/4 inches  
(8) The Contractor shall be responsible to see that all rebar is properly aligned and tied in place before placing concrete. All column, wall dowels and vertical steel shall be accurately located and secured in place so that it remains in the position shown during the concrete placing operation. Any rebar found to be improperly installed shall be removed at no additional cost to the Owner.  
(9) All horizontal reinforcing in footings, walls and beams shall be continuous around corners or have corner bars of the same size and spacing as the horizontal bars and lap a minimum of 30 bar diameters or 18 inches minimum.  
(10) Form ties shall be either of the threaded or snap-off type so that no metal will be left within 1 inch of the surface of the wall. Following removal of form ties, recesses are to be carefully filled and pointed with mortar.  
D. Structural and Miscellaneous Steel:  
(1) All structural and miscellaneous steel members, shapes and connections shall conform to ASTM A36.  
(2) All cold formed structural tubing shall conform to ASTM A500 grade B.  
(3) The contractor shall be responsible for checking the Architectural drawings for all miscellaneous steel.  
(4) Bolts shall conform to ASTM A325 tension control bolts unless noted otherwise, with sizes as shown on the drawings. Anchor bolts embedded in concrete shall be ASTM A307 bolts or A36 threaded bars.  
(5) All welding shall be done by certified welders and shall be in accordance with the latest standards of the ASW and AISC. Inspect all welding work in accordance with the specifications.  
(6) Structural steel shall be detailed and fabricated in accordance with the 8th Edition of AISC Manual of Steel Construction and Code of Standard Practice.

- (7) Use standard framed beam connections with 3/4" diameter A325 high strength bolts or welded equivalent unless otherwise noted.
- (8) Connections made with high strength steel bolts shall conform in all respects to the current Specifications for Structural Joints using ASTM A325 bolts as endorsed by the AISC. No paint on contact surface.
- E. Steel Joists:  
(1) Steel joists shall be designed, fabricated and erected in accordance with the 1980 Steel Joist Institute Specifications.  
(2) See specifications for requirements to be met. See plans for special loadings.
- F. Steel Deck:  
(1) Steel Roof Deck: Type B: (SDI DECKS)  
a. All steel roof deck shall be fabricated and erected in accordance with Steel Deck Institute specifications.  
b. See plan for metal deck connections.
- G. Lightgage Metal Framing:  
(1) Conform to AISI "Cold Formed Steel Manual", latest edition.  
(2) Bridging for walls to be provided with manufacturers standard bridging: (either welded 2 1/2" x 16 ga. stud or clipped cold rolled channel 1 1/2" x 16 ga.). Provide at 4'-3" o.c. maximum.  
(3) Provide all miscellaneous accessories as per manufacturers recommendations.  
(4) Erect as per manufacturers specifications and recommendations.  
(5) Metal studs shall be Inryco/Milco or approved equal.  
(6) All track to be deep leg, 16 ga. minimum, width as required.  
(7) Minimum yield stress: 18,20 ga. 33,000 psi.  
12,14,16 ga. 50,000 psi.
- H. Masonry:  
(1) All masonry units shall be Type I, Grade N units with Type S mortar fm = 1350 psi.  
(2) All hollow masonry or brick to be reinforced shall be marked with keel at the bottom of the wall at the cells where dowels occur. Rebar is to be placed and grouted.  
(3) Cells containing rebar shall be grouted solid from the bottom to the top of the wall in accordance with UBC regulation. Cleanouts shall be provided at the bottom of walls at all cells to be grouted where the grout pour exceeds 4 feet in height.  
(4) Lap all bars 30 diameters or 1 - 6' minimum unless noted otherwise.

## FOUNDATION NOTES

1. The foundation design is based on the recommendations in the soils report by Sergeant, Hauskins, & Beckwith dated August 14, 1984. Unless otherwise indicated, foundation work shall be performed in accordance with this report.
2. FIELD INSPECTION & TESTING: The Owner shall employ the services of a registered, licensed geotechnical engineer to supervise all controlled earthwork. The geotechnical engineer shall provide continuous on-site inspection by experienced personnel during construction of controlled earthwork. The contractor shall notify the engineer at least two working days in advance of any field operations of the controlled earthwork, or of any resumption of operations after stoppages. Tests of fill materials will be made at the following suggested minimum rates:  
(a) One field density test for each 3,000 square feet of original ground surface prior to placing fill or floor slab construction.  
(b) One field density test for each 350 cubic yards of fill placed or each layer of fill for each work area, whichever is the greater number of tests.  
(c) One moisture-density curve for each type of material used, as indicated by sieve analysis and plasticity index.
3. SITE CLEARING & GRUBBING: All rubble or trash which may exist on the site shall be removed and this material wasted. Existing surface soils and vegetation shall be removed from beneath a fill area. This material shall not be used as fill material. Grass, grass roots, and topsoil may be stockpiled and later used in the top 6 inches of fills outside roadways and building pads.
4. SUBGRADE PREPARATION: The building area shall be overexcavated to such an extent as to provide for a minimum of 2.0 feet of structural fill below all footings and floor slabs. Overexcavation shall also extend a minimum distance of 2.0 feet beyond the footing perimeters, except where adjacent buildings prohibit this distance. The exposed surface shall then be scarified to a minimum depth of 12 inches and watered as necessary to bring the upper 5.0 feet to the optimum moisture content. The ground surface shall then be subjected to 20 coverages of a heavy steel drum vibratory roller (10-ton minimum weight). Where the above vibratory treatment cannot be safely accomplished due to proximity of existing structures, heavy pneumatic rolling (20-ton minimum) may be substituted. After vibratory compaction, the upper 6 inches of the native soils shall be compacted to the density required under fill placement.
5. FILL PLACEMENT: The fill shall be spread in layers not exceeding 8 inches, watered as necessary, and compacted. Moisture content at the time of compaction shall be 2 percent below optimum moisture or higher. Compaction of the fill shall be accomplished by mechanical means only to obtain a density of not less than 95 percent of maximum dry density for the building pads. Fill outside the building pads shall be compacted to 90 percent of maximum dry density. Optimum moisture content and maximum dry density for each soil type used shall be determined in accordance with ASTM D1557.
6. APPROVED FILL MATERIALS: Fill material shall consist of soils that conform to the following physical characteristics:  
Sieve Size (Square Openings) Percent Passing  
by Weight  
6 inch 100  
no. 200 10-50  
The plasticity index of the material, as determined in accordance with ASTM D423 and D424, shall not exceed 15. The fill material shall be free from roots, grass, other vegetable matter, clay lumps, rocks larger than 6 inches, or other deleterious materials. Site soils from cuts may be used for fill, provided they meet the requirements.
7. WEATHER LIMITATIONS: Controlled fill shall not be constructed when the atmospheric temperature is below 35 degrees F. When the temperature falls below 35 degrees, it shall be the responsibility of the contractor to protect all areas of completed surface against any detrimental effects of ground freezing by methods approved by the geotechnical engineer. Any areas that are damaged by freezing shall be reconditioned, reshaped and compacted by the contractor in conformance with the requirements of this specification.





1. REMOVE EXISTING WALLS SHOWN DASHED.
2. NEW DOOR IN EXISTING FRAME WALL.
3. REMOVE COVER OF EXISTING FLOOR SAFE AND FILL WITH CONCRETE UNTIL FLUSH WITH FLOOR SLAB.
4. NOT USED.
5. EXISTING FIRE EXTINGUISHER CABINET TO REMAIN.
6. NEW DOOR IN EXISTING CMU WALL. SEE 8/S7.
7. REMOVE EXISTING DOOR & FRAME. FILL OPENING WITH FRAME WALL TO MATCH EXISTING.
8. REMOVE EXISTING HOLLOW METAL ASSEMBLY.
9. LIMIT OF EXISTING CONCRETE SLAB TO REMAIN.
10. 1/2" EXPANSION JOINT MATERIAL.
11. CONCRETE SLAB WITH W/F 6X8-W1.4 X W1.4, 9" X 12" TURNDOWN @ EDGE TYPICAL, SLOPE 1/4" PER FT. AWAY FROM BUILDING. PROVIDE CONJ. JOINTS @ 4'-0" O.C. EXPANSION JOINTS @16'-0" O.C. OR AS SHOWN.
12. FLOOR SAFE: MAJOR SAFE CO. MDL. NO. T625 OR EQUAL. INSTALL PER MANUFACTURER'S RECOMMENDATIONS.
13. NOT USED
14. INDICATES LINE OF ROOF ABOVE.
15. NOT USED.
16. NOT USED.
17. FLOOR DRAIN. SLOPE FLOOR TO DRAIN.
18. INDICATES FURR DOWN ABOVE CABINET.
19. SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER. UL-RATED 2-A-10;B-C, 5 LB. CAPACITY. SEE SPECS.
20. INDICATES LINE OF GYP. BD. FURR DOWN ABOVE.
21. INDICATES CLERESTORY LOCATION ABOVE.
22. INDICATES EXTENT OF KNEE SPACE BELOW.
23. PREFINISHED METAL PANELS.
24. NOT USED.
25. NOT USED.
26. SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER IN CMU WALL. SEE SPECS.
27. ELECTRIC WATER COOLER. SEE MECHANICAL.
28. SHELVES (4 EA.) @ 14" O.C. STARTING 2'-6" A.F.F. CONSTRUCTION SIMILAR TO DETAIL 8/A10.
29. GUN RACK. SEE 33/A10.
30. COLUMN LOCATION. PAINT AT EXPOSED CONDITION.
31. AREA DRAIN. SLOPE SLAB TO DRAIN.
32. METAL STUD WALL ABOVE. SIMILAR TO 2/A7.
33. NOT USED.
34. 8'-0" HIGH CMU WALL. CAP WITH SOLID CMU.

35. NOT USED.
36. NOT USED.
37. NOT USED.
38. 4'-0" x 2'-6" INSULATED SKYLIGHT WITH  
REFLECTOR ABOVE. SEE ROOF PLAN.
39. FLOOR DRAIN WITH SAND TRAP, SLOPE FLOOR  
TO DRAIN. SEE MECHANICAL.
40. REMOVE EXISTING WINDOW AND SILL BLOCKS.  
INFILL WITH CMU AND FINISH TO MATCH  
EXISTING.
41. EXISTING DOOR TO REMAIN.
42. NOT USED.
43. REMOVE SECTION OF ROOF, SHOWN HATCHED,  
TO FACE OF WALL.
44. EXISTING ROOF WITH PAINTED 3/4" PLYWOOD  
SHELF W/ NOSING ABOVE.
45. EXTEND GYP. BD. TO CORNER. FINISH TO  
EXISTING WALL.
46. 6" LONG PRECAST CONCRETE BENCH. MDL. NO.  
2-272 GOTHIC BENCH AS MANUFACTURED BY  
M. J. INC. ALBUQUERQUE, N.M. OF EQUAL  
5/8" GYP. BD. ON METAL HAT CHANNELS @ 16"  
O.C. ON EXISTING CMU WALL. ADJUST ALL  
EXISTING WALL MOUNTED ITEMS TO NEW  
SURFACE.
48. SAW CUTTEN OPENING AND PROVIDE LINTEL  
IN EXISTING CMU WALL TO RECEIVE NEW  
HOLLOW METAL FRAME.
49. REMOVE EXISTING HOLLOW METAL FRAME.
50. PROVIDE GYP. BD. WALLS AND CEILING AT  
CLOSEST.
51. PROVIDE CMU INFILL TO MATCH EXISTING AT  
OPENING TO UNDERSIDE OF SOFFIT.
52. NOT USED.
53. REMOVE EXISTING WINDOW AT TOP OF WALL  
AND INFILL VOID TO ROOF STRUCTURE  
WITH CMU TO MATCH EXISTING WALL.
54. REMOVE EXISTING CABINET UNIT. CAP  
PLUMBING. SEE MECHANICAL.
55. OPENING ROOF ABOVE LADDER TO REMAIN.  
FENCE SEE SITE PLAN FOR CONTINUATION.
56. CONCRETE CURB. LOCATE TO AVOID EXISTING  
TREES. FIELD VERIFY LOCATION WITH  
ARCHITECT. SEE SITE PLAN FOR CONTINUATION.
58. 8" HIGH SCORED CMU WALL. FIT TIGHT  
AGAINST STEEL COLUMN.
59. FACE OF STEP AND 6" WIDE STRIPE AT EDGE OF  
LANDING TO BE PAINTED SAFETY YELLOW.
60. PRECAST CONCRETE SPLASH BLOCK TYPICAL AT  
ROOF DRAINAGE NOZZLES. SEE 17/9A. CONCEAL  
ROOF DRAIN LEADERS IN STUD WALL AT  
ADDITIONAL EXHAUSTING; EXPOSED AND  
PAINTED AT IMPOUND AREAS.
61. REMOVE EXISTING EXHAUST FAN/LOUVER  
ASSEMBLY. INFILL WITH CMU TO MATCH  
EXISTING. SEE MECHANICAL FOR NEW LOCATION.

62. 6'-3" SQUARE, INSULATED PYRAMID SKYLIGHT  
ABOVE.

GENERAL NOTES A1:

1. VERIFY ALL DIMENSIONS TO EXISTING CONSTRUCTION PRIOR TO CONSTRUCTION.
2. ALL DIMENSIONS TO FACE OF STUDS, FACE OF MASONRY, OR FACE OF EXISTING CONSTRUCTION UNLESS OTHERWISE INDICATED.

WALL LEGEND:

1.  EXISTING WALLS TO REMAIN.
2.  8" CMU WALL. SEE STRUCTURAL FOR REQUIRED HEIGHT UNLESS OTHERWISE INDICATED.
3.  8" CMU WALL WITH 3-5/8" METAL STUD @ 16" O.C., R-11 BATT INSULATION AND ONE LAYER 5/8" GYPSUM BOARD INTERIOR SURFACES. EXTEND STUDS INSULATION TO DECK. FILL VOIDS OF CMU WALLS AT PERIMETER WITH LOOS FILL INSULATION.
4.  ONE LAYER 5/8" GYPSUM BOARD BOTH SIDES OF 3-5/8" METAL STUDS @ 16" O.C. PROVIDE EXTEND PARTITION TO ROOF DECK PER SECTION 10/A6.  
  
1 HOUR WALL: O.S.U. DESIGN T-117 AT ROOM NO. 108 AND 126.
5.  ONE LAYER 5/8" GYPSUM BOARD BOTH SIDES OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND PARTITION 4" ABOVE CEILING AND BRACE TO STRUCTURE ABOVE UNLESS OTHERWISE INDICATED.
6.  PREFINISHED METAL SIDING ATTACHED TO EXTERIOR OF 4" STEEL STUDS @ 16" O.C.

NOTE: REFER TO ROOM FINISH SCHEDULE AND EXTERIOR ELEVATIONS FOR REQUIRED FINISHES.

GENERAL NOTES A1:

WALL LEGEND:

1. EXISTING WALLS TO REMAIN.

2. XXXXXXXXXX 8" CMU WALL. SEE STRUCTURAL FOR  
REQUIRED HEIGHT UNLESS OTHERWISE  
INDICATED.

3. INTERIOR 8" CMU WALL WITH 3-5/8" METAL STUDS @ 16" O.C., R-11 BATT INSULATION, AND ONE LAYER 5/8" GYPSUM BOARD AT INTERIOR SURFACES. EXTEND STUDS AND INSULATION TO DECK. FILL VOIDS OF CMU WALLS AT PERIMETER WITH LOOSE FILL INSULATION.

4.            ONE LAYER 5/8" GYPSUM  
BOARD BOTH SIDES OF 3-5/8"  
METAL STUDS @ 16" O.C. PROVIDE  
EXTEND PARTITION TO ROOF DECK  
PER SECTION 10/A6.

1 HOUR WALL; O.S.U. DESIGN T-1174  
AT ROOM NO. 108 AND 126.

5.  ONE LAYER 5/8" GYPSUM BOARD BOTH SIDES OF 3-5/8" METAL STUDS @ 16" O.C. EXTEND PARTITION 4" ABOVE CEILING AND BRACE TO STRUCTURE ABOVE. UNLESS OTHERWISE INDICATED.

6. PREFINISHED METAL SIDING ATTACHED  
TO EXTERIOR OF 4" STEEL STUDS  
@ 16" O.C.

NOTE: REFER TO ROOM FINISH SCHEDULE AND  
EXTERIOR ELEVATIONS FOR REQUIRED  
FINISHES.

A circular professional seal for Gregory Tyler, a Registered Architect in the State of New Mexico. The seal features the text "STATE OF NEW MEXICO" at the top and "REGISTERED ARCHITECT" at the bottom. In the center, it reads "GREGORY TYLER" and "No. 1230". A handwritten signature, "Gregory Tyler", is written across the seal.

**GREGORY T. HICKS & ASSOC.**

**The Sunshine Building**  
112 Second St. S.W.  
Albuquerque, New Mexico 87102  
(505) 243-7492

**CITY OF ALBUQUERQUE  
ANIMAL CONTROL CENTER EXPANSION**

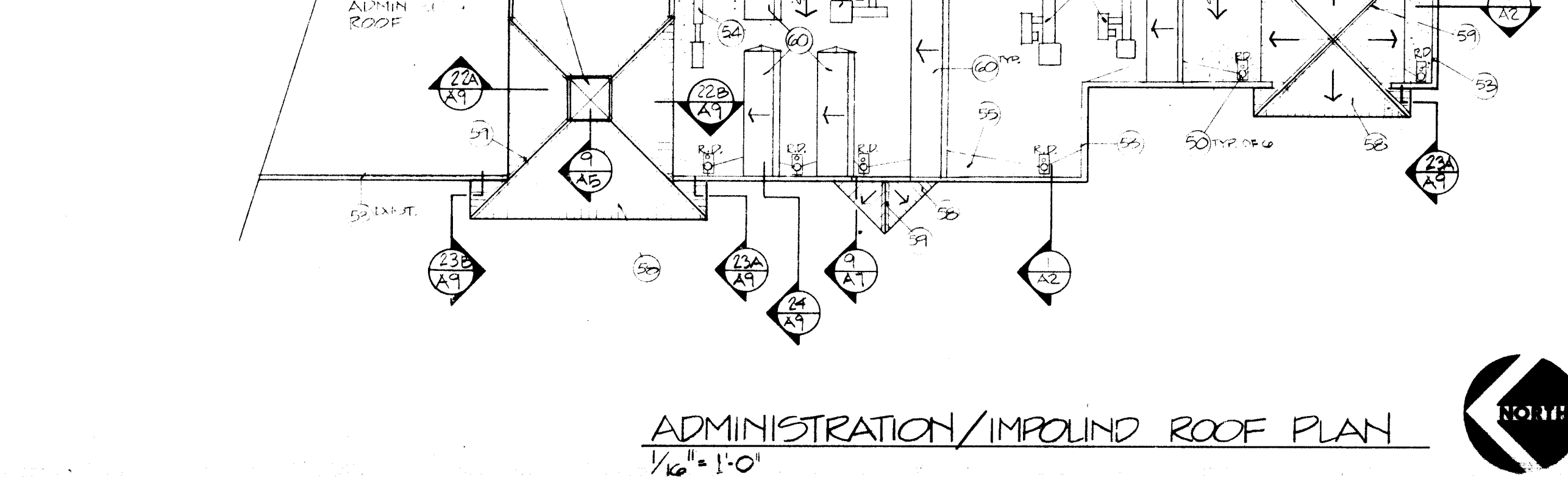
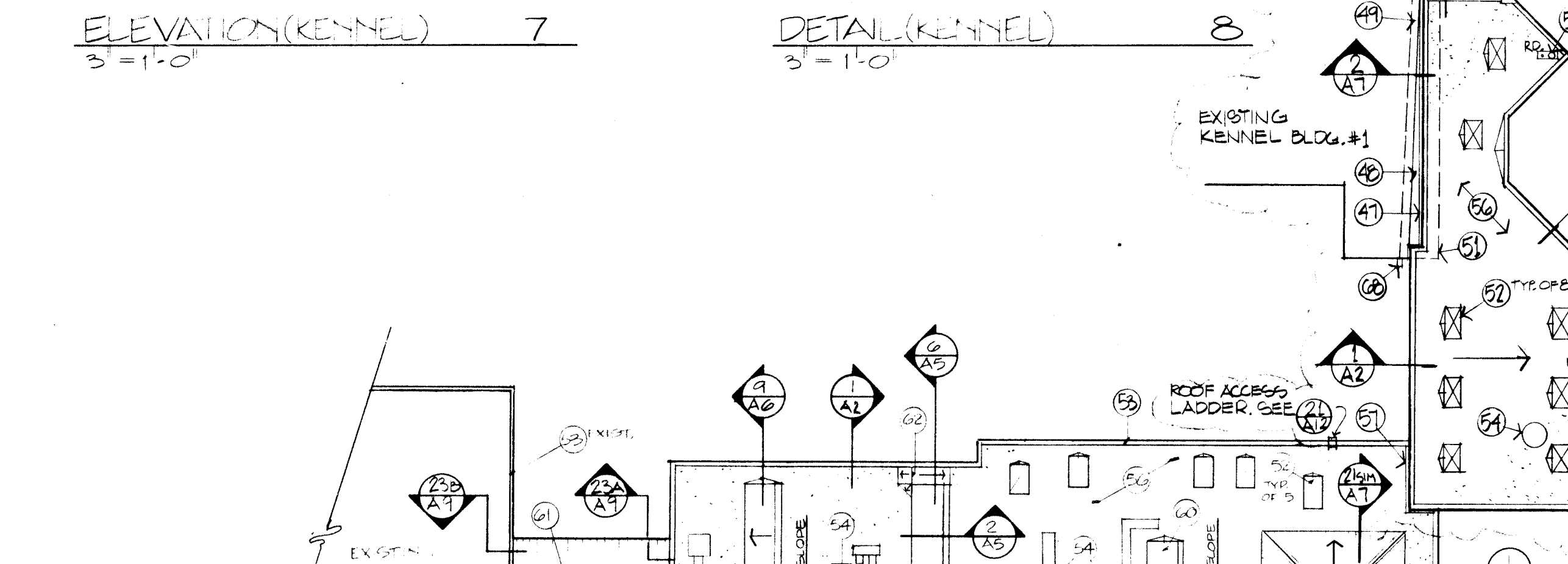
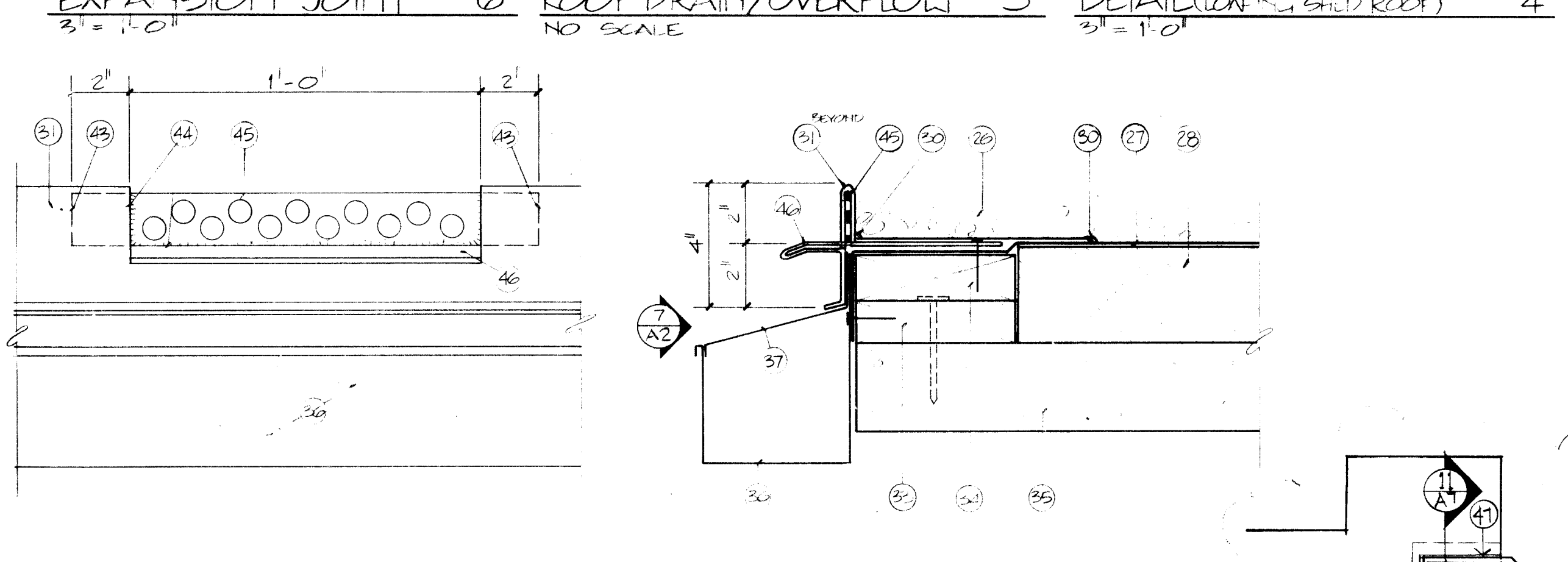
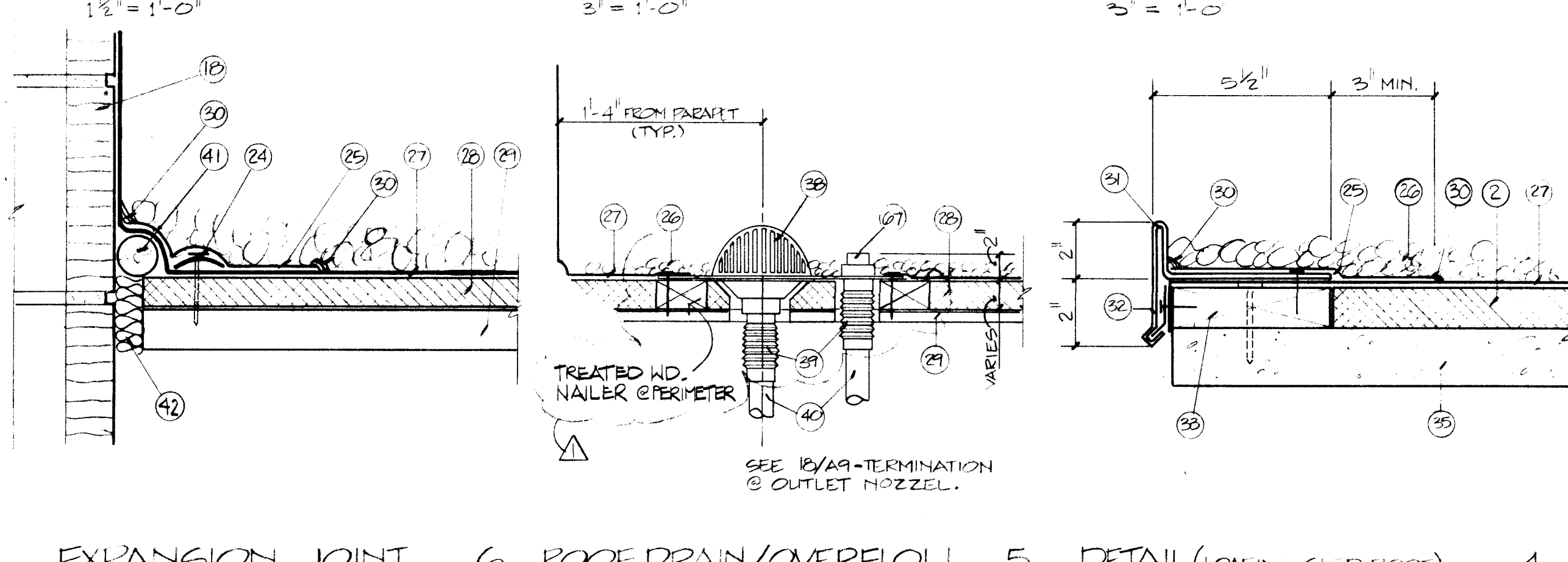
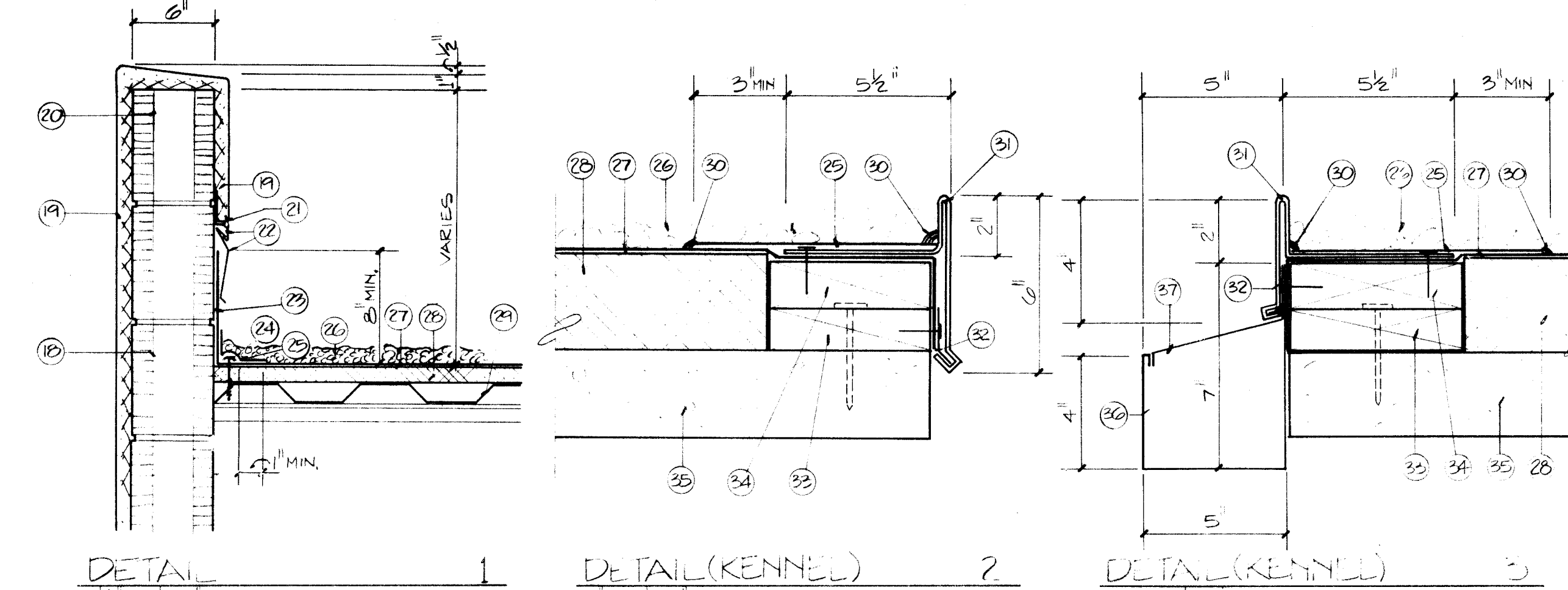
FLOOR PLAN  
ADMINISTRATION/  
IMPOUND AREA

 RECORD  
DRAWING  
REVISIONS

**A1**  
2-15-85

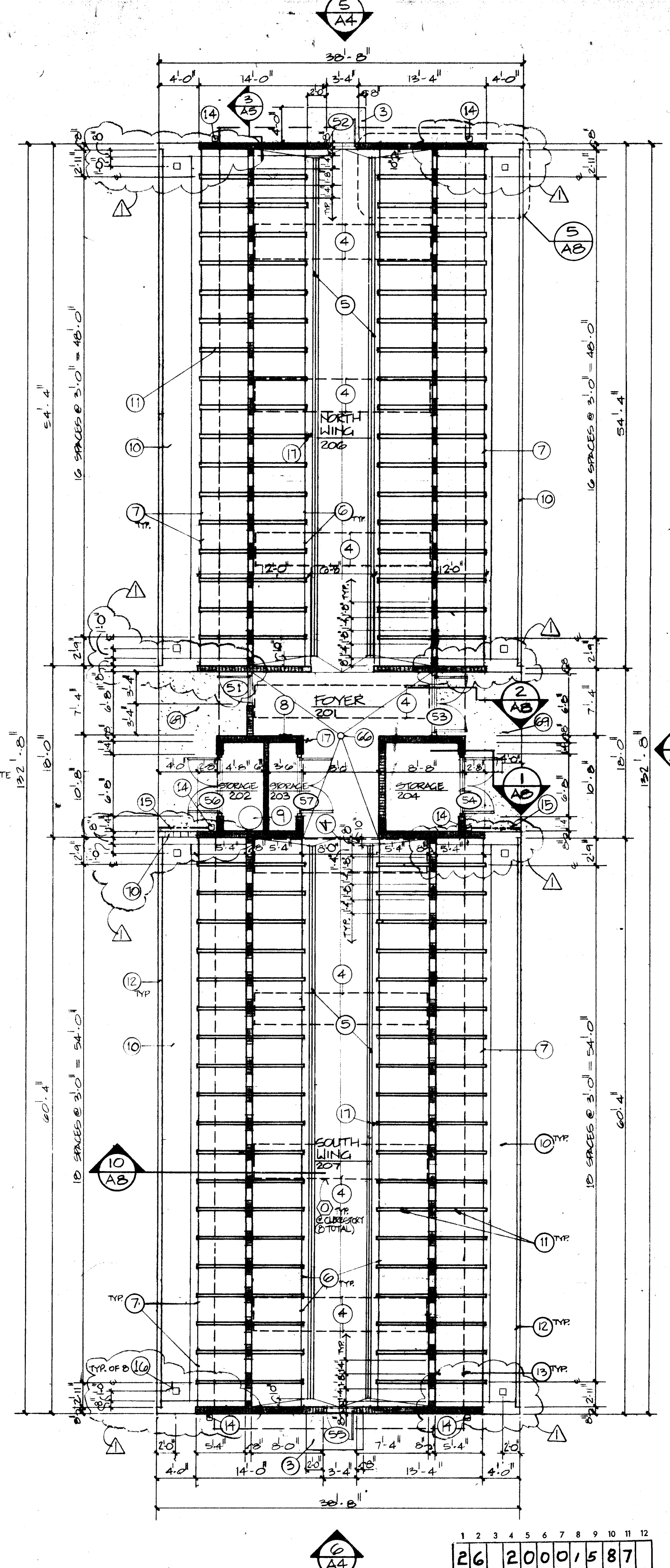
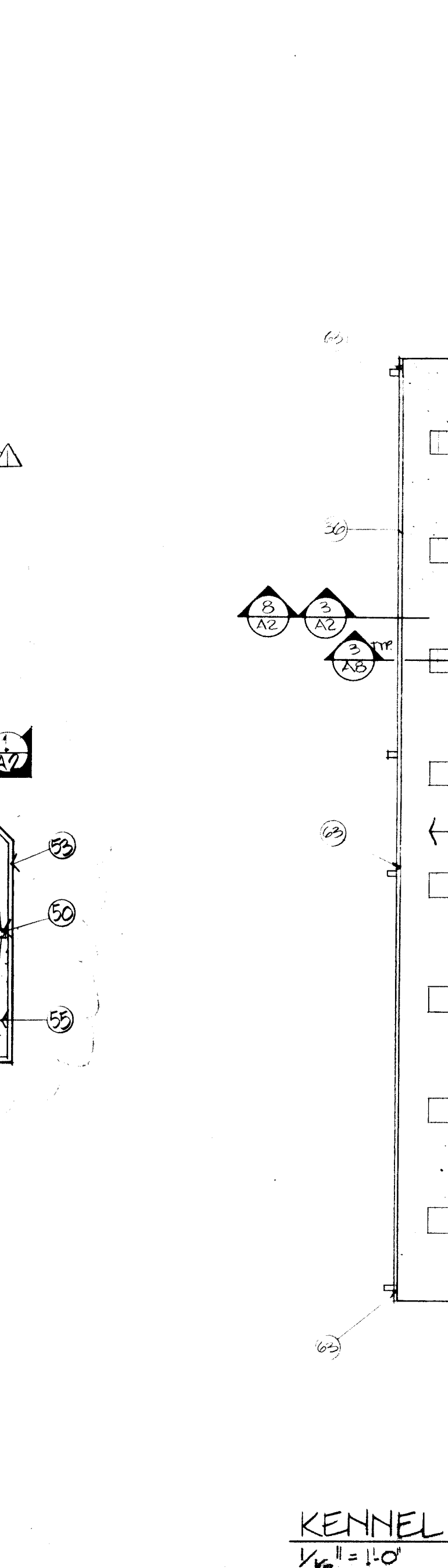
2-15-85





- KEYNOTES A2:
1. CMU WALL WITH SOLID CAP. SEE ELEVATIONS FOR HEIGHT.
  2. 1 1/2" THICK URETHANE INSULATION BOARD.
  3. 4" CONCRETE SLAB WITH 6" X 8" TURN DOWN AT EDGE TYPICAL, 6 X 6- W1.4 X W1.4 WWF. SLOPE 1/4" PER FT. AWAY FROM BUILDING.
  4. INDICATES LOCATION OF CLERESTORY ABOVE.
  5. PRE-SLOPED PRECAST CONCRETE TRENCH DRAIN WITH GRATE. SLOPE TO OUTLET. SEE MECHANICAL FOR OUTLET LOCATIONS.
  6. SLIDING GATE TYPICAL AT INTERIOR OF EACH RUN.
  7. SLIDING GATE TYPICAL AT EXTERIOR OF EACH RUN.
  8. SEMI-RECESSED FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER IN CMU WALL. UL-RATED 2-A; 10-B-C; 5 LB. CAPACITY. SEE SPECS.
  9. HOT WATER TANK LOCATION. SEE MECHANICAL.
  10. CONCRETE TROUGH. SLOPE 1/4" PER FT. TO DRAINS.
  11. 6" CMU WALL WITH SOLID CAP AND KENNEL FENCING ABOVE TYPICAL BETWEEN RUNS.
  12. CONCRETE WALL SEE 10/A8 FOR THICKNESS AND HEIGHT.
  13. INDICATES LINE OF ROOF STRUCTURE ABOVE.
  14. DOWNSPOUT.
  15. PROVIDE SWALE IN CONCRETE FOR ROOF DRAINAGE FROM DOWNSPOUT.
  16. AREA DRAIN WITH GRATE AT TROUGH BOTTOM. SLOPE TROUGH TO DRAINS. SEE MECHANICAL.
  17. HOSE BIB LOCATION.
  18. CMU W/ LOOSE FILL INSULATION TO ROOF DECK AT EXTERIOR WALLS.
  19. 1" STUCCO ON EXPANDED METAL LATH ON CMU.
  20. TOP OF WALL CONDITION VARIES. SEE STRUCTURAL.
  21. METAL STUCCO TRIM STOP.
  22. REGLET AND FLASHING: FRY OR EQUAL.
  23. MEMBRANE FLASHING WITH BONDING ADHESIVE.
  24. FASTENING STRIP WITH FASTENERS PER MANUFACTURERS RECOMMENDATIONS.
  25. 6" WIDE STRIP MEMBRANE FLASHING WITH BONDING ADHESIVE AND LAP SPLICE CEMENT.
  26. ROCK BALLAST.
  27. MEMBRANE ROOFING.
  28. R-20 URETHANE BOARD INSULATION.
  29. METAL ROOF DECK.
  30. LAP SPLICE CEMENT.
  31. 26 GA. PREFINISHED METAL GRAVEL STOP EDGE.
  32. GALVANIZED METAL HOLD DOWN STRIP. PROVIDE FASTENERS FOR ROOFING PER MANUFACTURERS

- RECOMMENDATIONS.
33. CONTINUOUS TREATED 2X6 NAILER ATTACHED TO CONCRETE DECK WITH RAMSET DEVICE AT 24" O.C.
  34. CONTINUOUS TREATED 2X6 ATTACHED TO NAILER CONCRETE DECK.
  35. 24 GA. PREFINISHED METAL GUTTER ATTACHED TO NAILER. SEE ROOF PLAN FOR LOCATIONS. 1/2" X 1" GUTTER SUPPORT STRAPS AT 3'-0" O.C.
  36. ROOF DRAIN. SEE MECHANICAL.
  37. EXPANSION COUPLING.
  38. LEADER PIPE TO SPOUT. SEE MECHANICAL.
  39. 1-1/2" DIA. BACKING ROD.
  40. BATT INSULATION STUFFED INTO SPACE AT WALL.
  41. OUTLINE OF METAL STRIP IN GRAVEL STOP.
  42. SOLDER EDGES BOTH SIDES FOR WATERTIGHT SEAL. PAINT TO MATCH PREFINISHED METAL.
  43. PERFORATED PREFINISHED METAL STRIP SANDWICHED BETWEEN METAL GRAVEL STOP. PROVIDE 1/2" DIA. PERFORATIONS AS SHOWN.
  44. BEND GRAVEL STOP TO HORIZONTAL POSITION AS SHOWN. SOLDER ENDS. PAINT TO MATCH AT SOLDER.
  45. ROOF EXPANSION JOINT.
  46. NEW CRICKET AT EXISTING ROOF.
  47. LIMIT OF ROOFING TIE IN WORK ON EXISTING ROOF.
  48. ROOF DRAIN AND ROOF OVERFLOW LOCATION. SEE 5/A2.
  49. INDICATES LINE OF EXISTING ROOF OVERHANG ENCLOSED IN BUILDING.
  50. 2'-6" X 4'-0" SKYLIGHT WITH 5'-0" WIDE ZOMWORKS SUNBENDER REFLECTOR TYPICAL. SEE 10/A5 FOR CONDITION AT IMPOUND AREA. SEE 20/A9 FOR CONDITION AT ADMINISTRATION BUILDING.
  51. PARAPET.
  52. ROOFTOP MECHANICAL EQUIPMENT. SEE MECHANICAL.
  53. CRICKET FROM TAPERED INSULATION TYPICAL.
  54. BALLASTED MEMBRANE ROOF.
  55. ROOF EXPANSION JOINT. SEE DETAIL 6/A2.
  56. PREFINISHED METAL ROOF PANELS.
  57. HIP. SEE DETAIL 1/A9.
  58. ADHERED MEMBRANE ROOFING AT CLERESTORY ASSEMBLIES TYPICAL.
  59. SKYLIGHT.
  60. SLOPE ROOF SURFACE WITH TAPERED ROOF INSULATION AS SHOWN AT CMU WALL.
  61. DOWNSPOUT LOCATION.
  62. WALL BELOW. SEE FLOOR PLAN.
  63. METAL ROOF PANELS AT CLERESTORY ASSEMBLIES TYPICAL.
  64. FLOOR DRAIN. SLOPE FLOOR TO DRAIN.
  65. ROOF OVER FLOW DRAIN.
  66. PROVIDE GALVANIZED METAL SCUPPER THIS LOCATION. CONSTRUCT AND INSTALL IN SIMILAR MANNER TO EXISTING. PAINT.
  67. 4" CONCRETE SLAB SLOPED 1/4" PER FT. AWAY FROM BUILDING. SEE STRUCTURAL.



NOTE:  
PAINT ALL INTERIOR/EXTERIOR EXPOSED CMU  
CONCRETE ROOF PANELS, CLOSURE PANELS,  
DUCTS, PIPING, ETC.  
EXPOSED CONCRETE FLOOR WITH SEALER

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

**GREGORY T. Hicks & ASSOC.**  
The Sunshine Building  
Albuquerque, New Mexico 87102  
(505) 243-7492

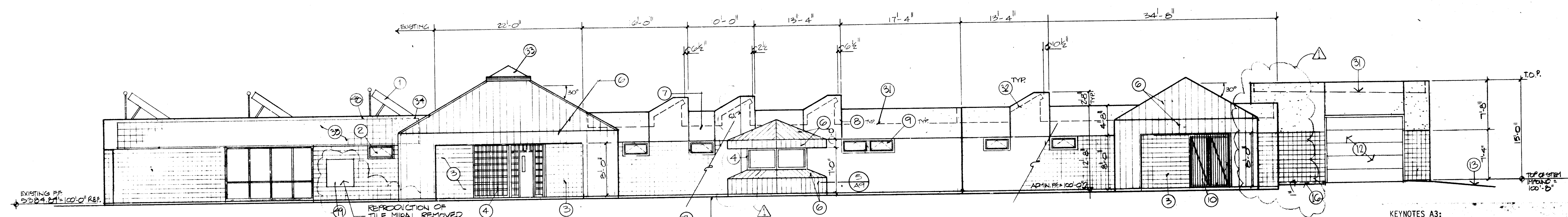
**CITY OF ALBUQUERQUE**  
**ANIMAL CONTROL CENTER EXPANSION**

FLOOR PLAN  
KENNEL,  
ROOF PLAN,  
ROOF DETAILS

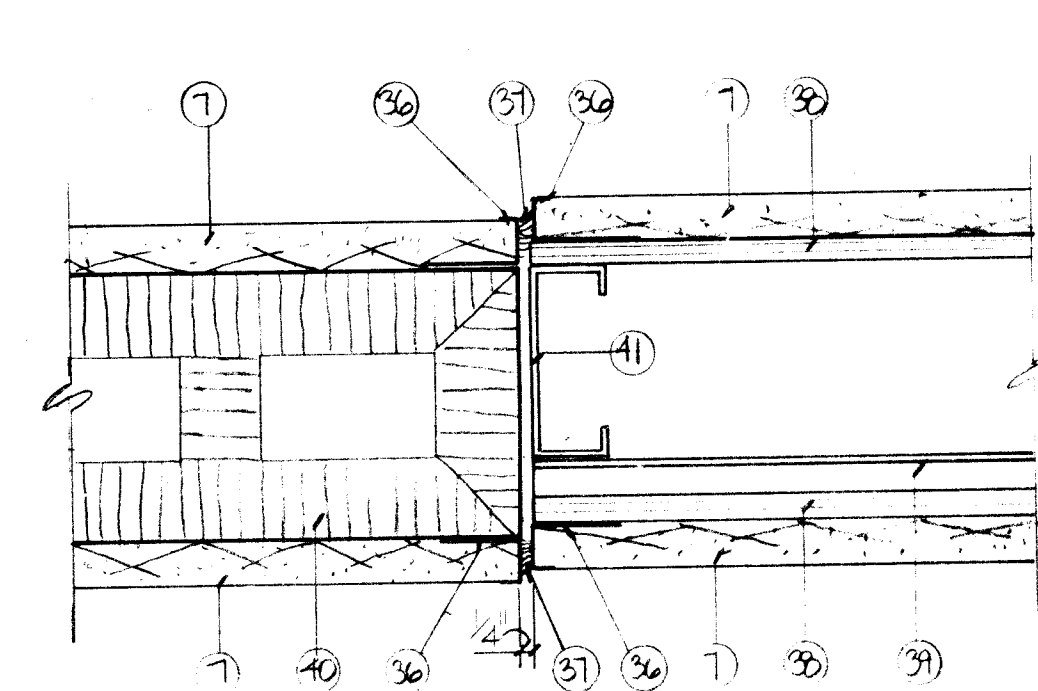
RECORD  
DRAWING  
REVISIONS

**A2**  
2-15-85

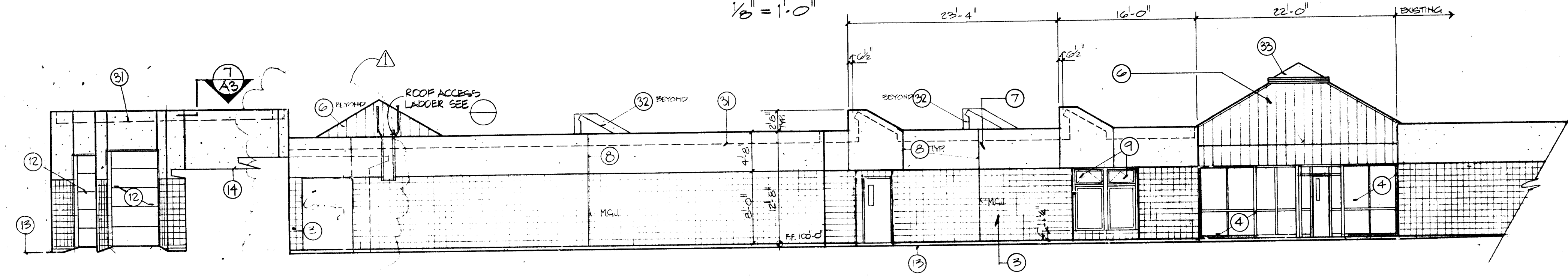




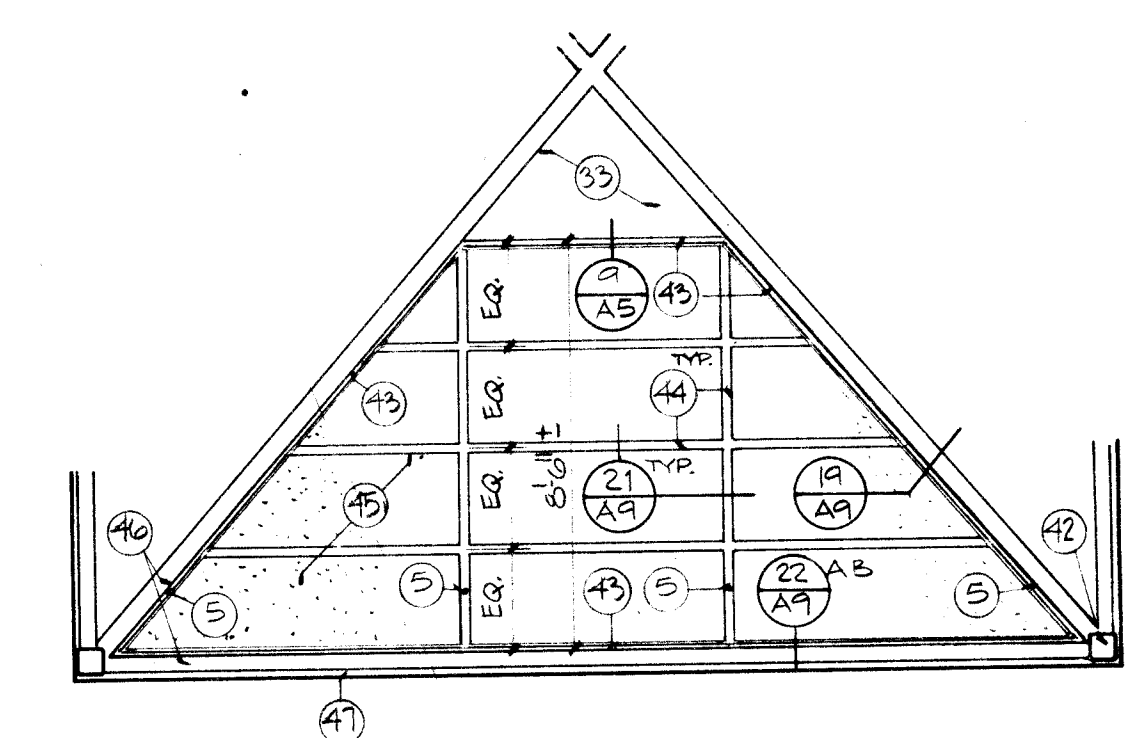
WEST ELEVATION  
1  
1/8" = 1'-0"



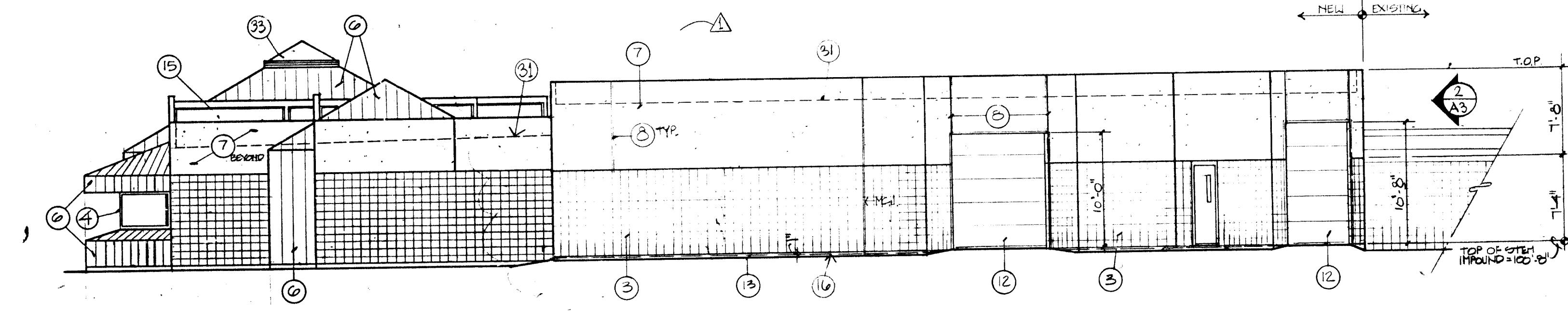
DETAIL (PLAN VIEW)  
7  
3/8" = 1'-0"



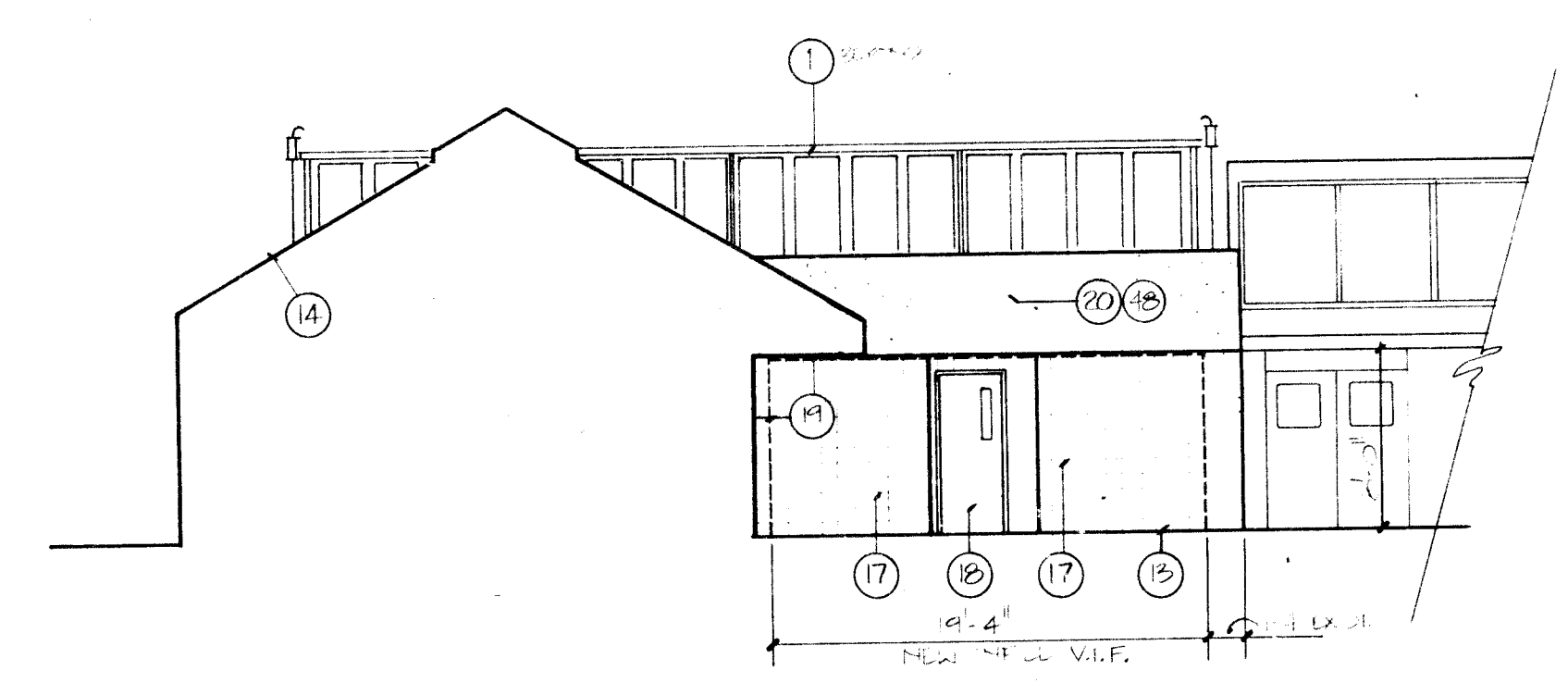
EAST ELEVATION  
2  
1/8" = 1'-0"



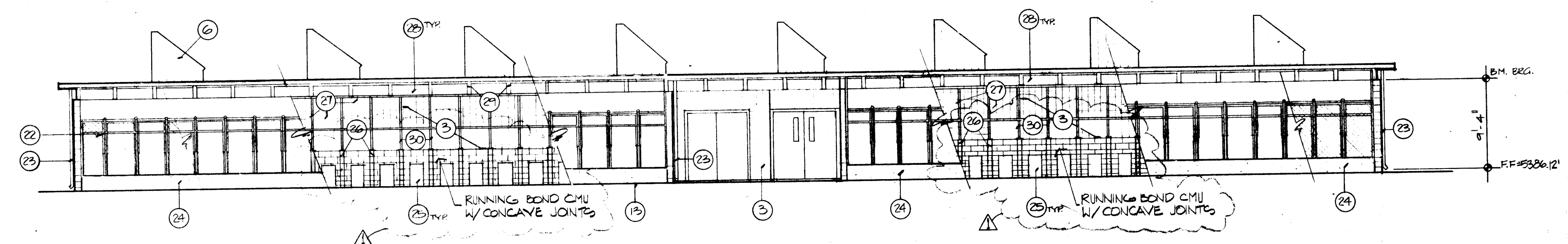
ELEV. CEILING @ RM. 112 (ONE FACE SHOWN OTHERS SIM.)  
6  
1/4" = 1'-0"



SOUTH ELEVATION  
3  
1/8" = 1'-0"



SOUTH ELEVATION  
4  
1/8" = 1'-0"



KENNEL EAST ELEVATION (WEST ELEVATION SIMILAR OPPOSITE HAND)  
5  
1/8" = 1'-0"  
COORDINATE WITH FLOOR PLAN

- KEYNOTES A3:
- EXISTING SOLAR COLLECTOR SYSTEM TO REMAIN.
  - NEW WINDOW UNIT IN EXISTING WALL.
  - 8" X 8" SCORED CMU WITH RAKED JOINTS. ALL EXPOSED CMU AREAS UNLESS OTHERWISE INDICATED. PAINT ALL EXPOSED AREAS.
  - HOLLOW METAL ASSEMBLY.
  - DUCT HANGER ROD. SEE DETAIL ON SHEET M.
  - PREFINISHED METAL PANELS.
  - STUCCO ON EXPANDED METAL LATH ON CMU.
  - STUCCO CONTROL JOINT.
  - OPERABLE WINDOW UNIT.
  - ORNAMENTAL IRON GATE. SEE DOOR TYPES.
  - NOT USED.
  - SECTIONAL DOOR.
  - FINISH GRADE.
  - PROFILE OF ADJACENT STRUCTURE.
  - CLERESTORY WINDOWS BEYOND.
  - LINE OF FINISH FLOOR.
  - NEW SCORED CMU INFILL. PAINT.
  - NEW DOOR.
  - LIMITS OF NEW CMU INFILL.
  - EXISTING STUCCO.
  - PREFINISHED METAL GUTTER.
  - SLIDING KENNEL GATES WITH STATIONARY PANEL ABOVE, BOTH WITH CHAIN LINK FABRIC, TYPICAL AT EACH RUN.
  - PREFINISHED METAL DOWN SPOUT.
  - CAST IN PLACE CONCRETE WALL. PAINT TOP AND OUTSIDE FACE ONLY.
  - VERTICAL SLIDING KENNEL DOOR, TYPICAL AT EACH RUN.
  - 6" CMU DIVIDER WALL WITH SOLID CAP TYPICAL BETWEEN EACH RUN. PAINT.
  - OVERHEAD CHAIN LINK FABRIC TYPICAL AT EACH RUN.
  - PRECAST CONCRETE CLOSURE PANEL TYPICAL BETWEEN TOP OF CMU WALL AND ROOF STRUCTURE. PAINT.
  - PRECAST CONCRETE DOUBLE TEE ROOF PANELS TYPICAL. PAINT. SEE STRUCTURAL.
  - CHAINLINK FABRIC AND FRAME ABOVE DIVIDER WALL TYPICAL AT EACH RUN.
  - ROOF LINE.
  - PROFILE OF CLERESTORY BEHIND PARAPET.
  - 6'-3" SQ. PYRAMIDAL SKYLIGHT FROM BELOW.
  - REMOVE THIS PORTION OF EXISTING TILE MURAL ON EXISTING STUCCO FACIA TO ACCOMPLISH REQUIRED WORK. (RECONSTRUCTED) REPAIR PATCH AND COLOR COAT STUCCO TO MATCH EXISTING.
  - EXISTING TILE MURAL. REPLACE MISSING (1 TOTAL) WITH THOSE REMOVED. INSTALL MATCH EXISTING SURROUNDING TILES.
  - METAL TRIM STOP.
  - CAULK.
  - 5/8" GYPSUM SHEATHING.
  - METAL HAT CHANNELS AT 24" O.C.
  - 6" CMU. COORDINATE WITH STRUCTURAL.
  - METAL STUD. SEE STRUCTURAL.
  - COLUMN. SEE STRUCTURAL.
  - PAINTED ALUMINUM ACOUSTIC CEILING MOLDED WITH PAINTED GYPSUM BOARD REVEAL.
  - PAINTED ALUMINUM ACOUSTIC CEILING MOLDED.
  - ACOUSTIC CEILING PANELS ON GYPSUM BOARD. PROVIDE UNJOINTED FIELD BETWEEN MOLDS.
  - STEEL TUBE STRUCTURE. PAINT.
  - LINE OF WALL.
  - APPLY NEW COLOR COAT TO EXISTING STUCCO THIS FACE.
  - ADHERE MURAL TILES TO CMU WALL IN ORIGINAL CONFIGURATION. CAULK PERIMETER.

26 2000 01 687  
2000

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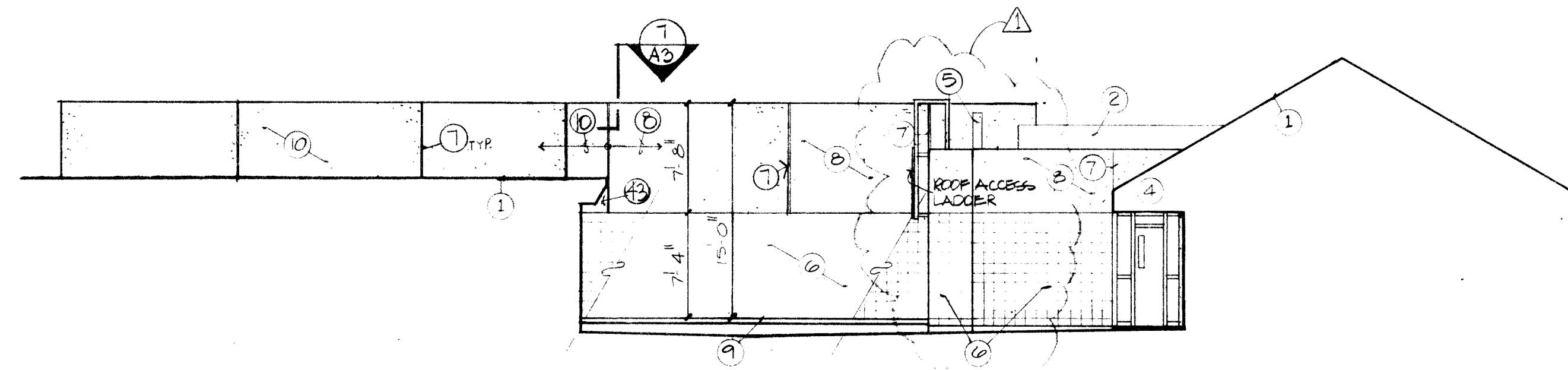
**CITY OF ALBUQUERQUE**  
**ANIMAL CONTROL CENTER EXPANSION**

ELEVATIONS  
DETAILS

RECORD  
DRAWING  
REVISIONS

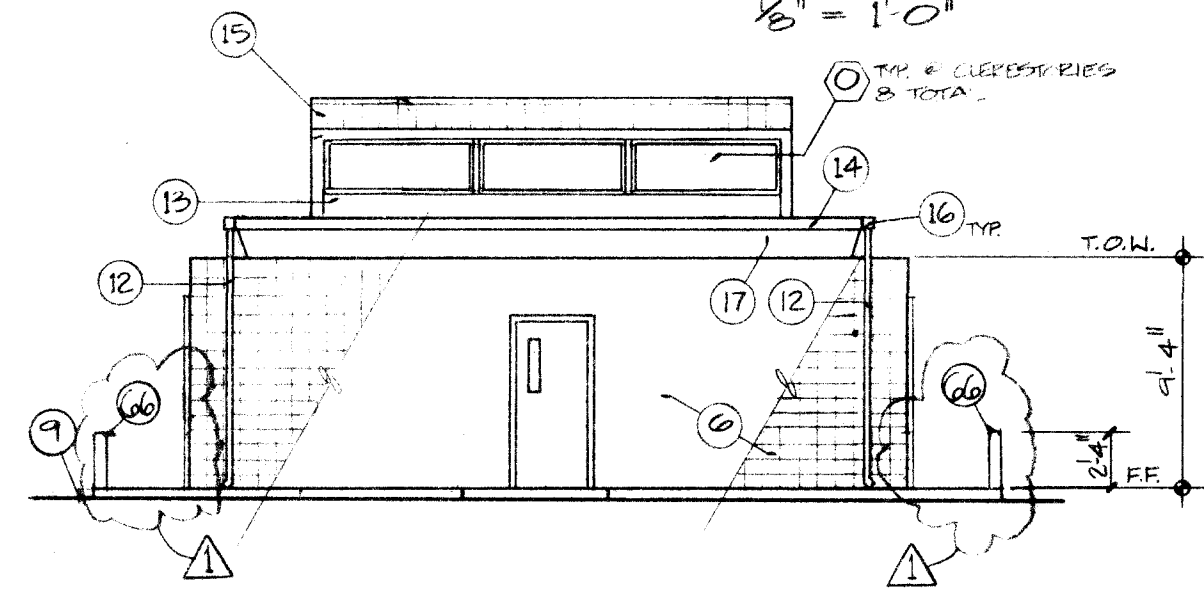
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2-15-85





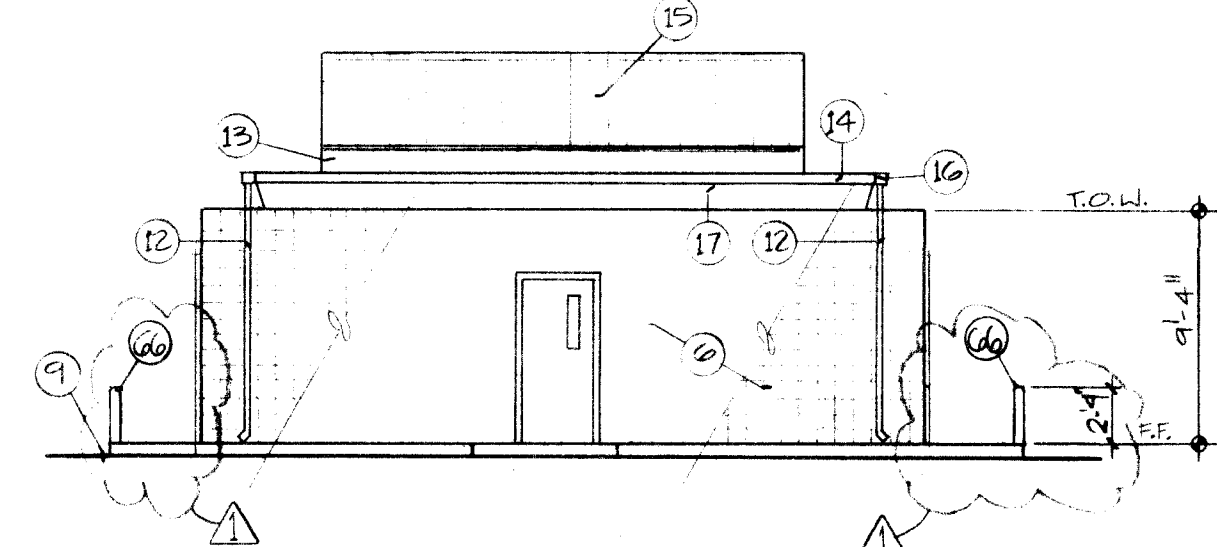
ADMIN. NORTH ELEVATION

1



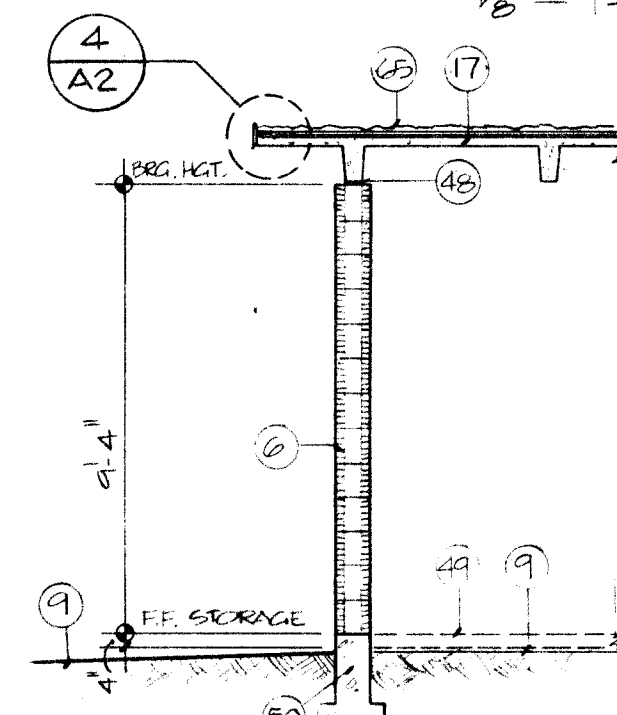
SOUTH ELEV. KENNEL

6

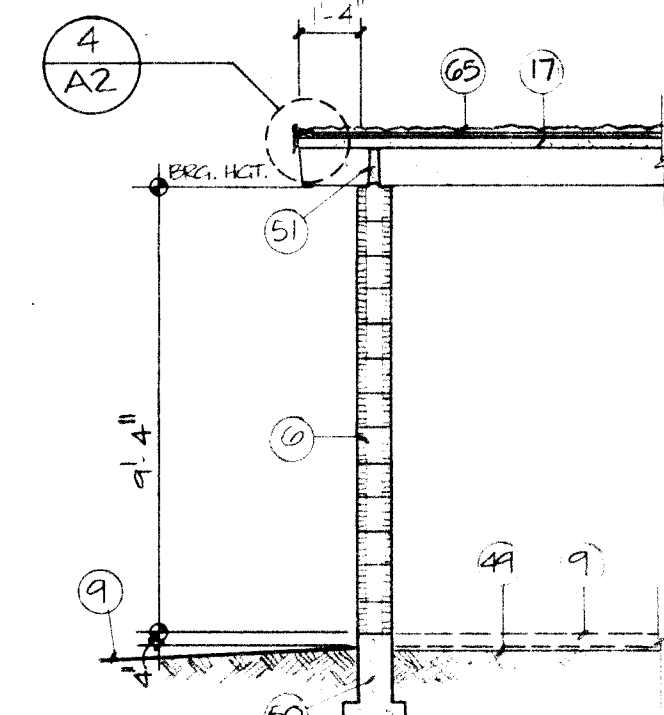


NORTH ELEV. KENNEL

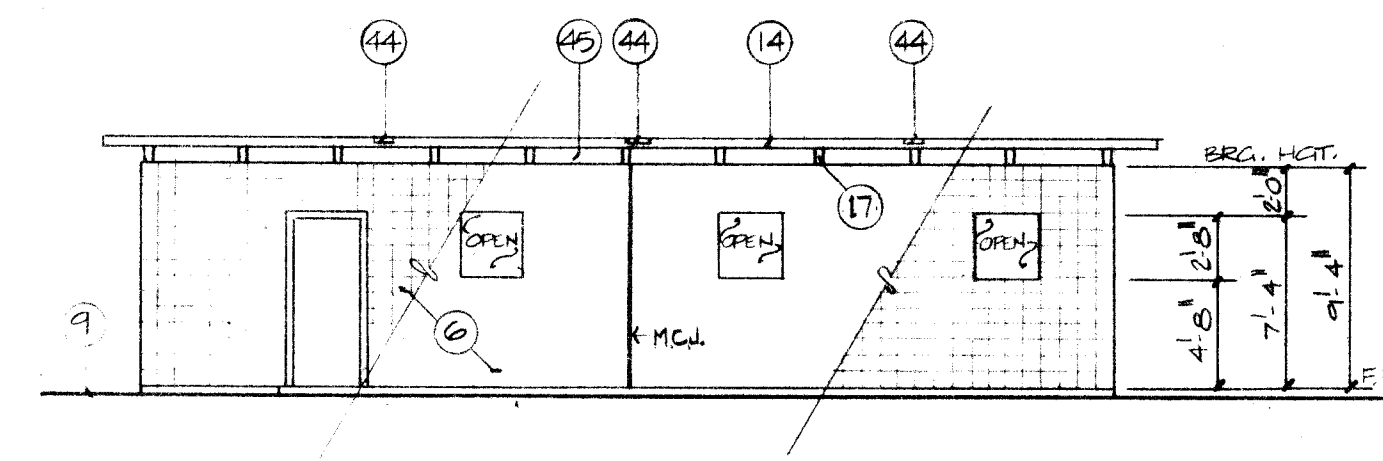
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SECTION (ALT. No. 2) 7

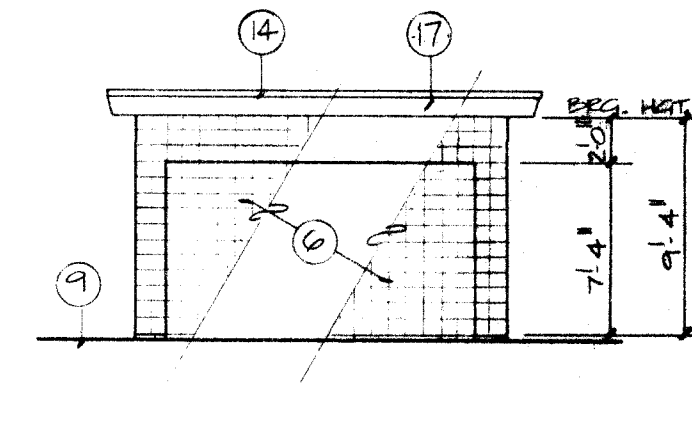


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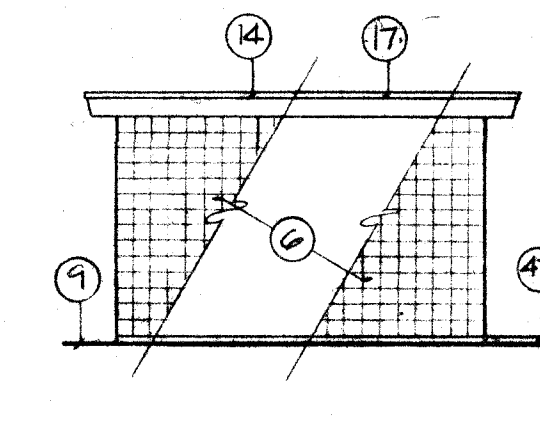


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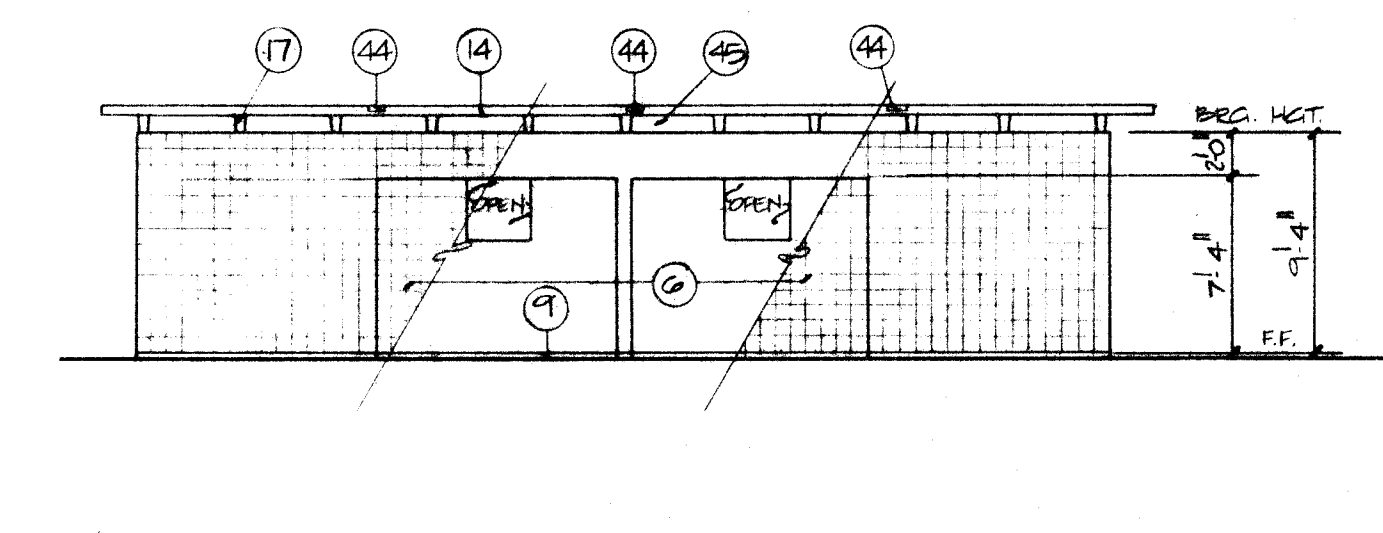
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SOUTH (ALT. No. 2) 4

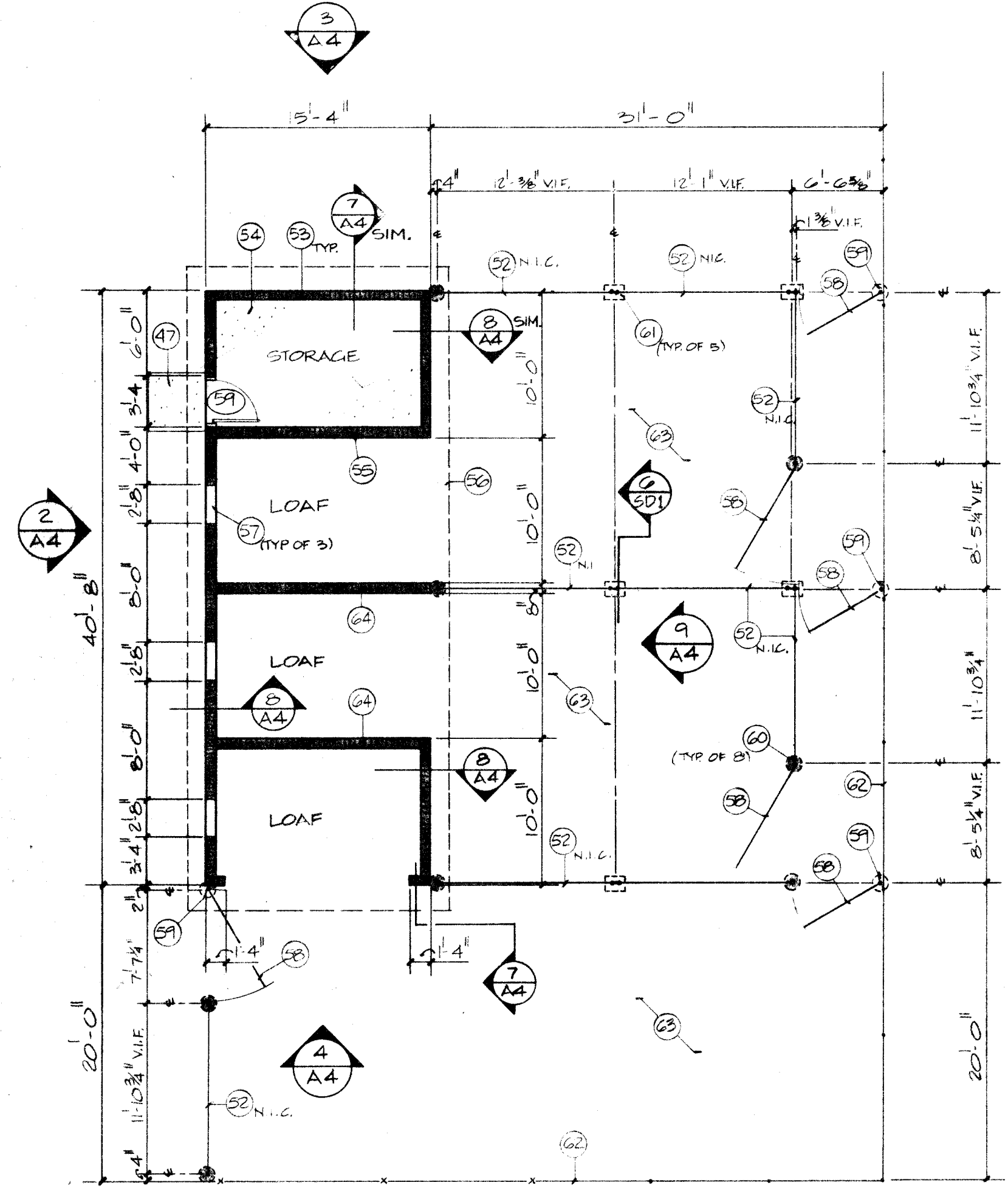


NORTH (ALT. No. 2) 3



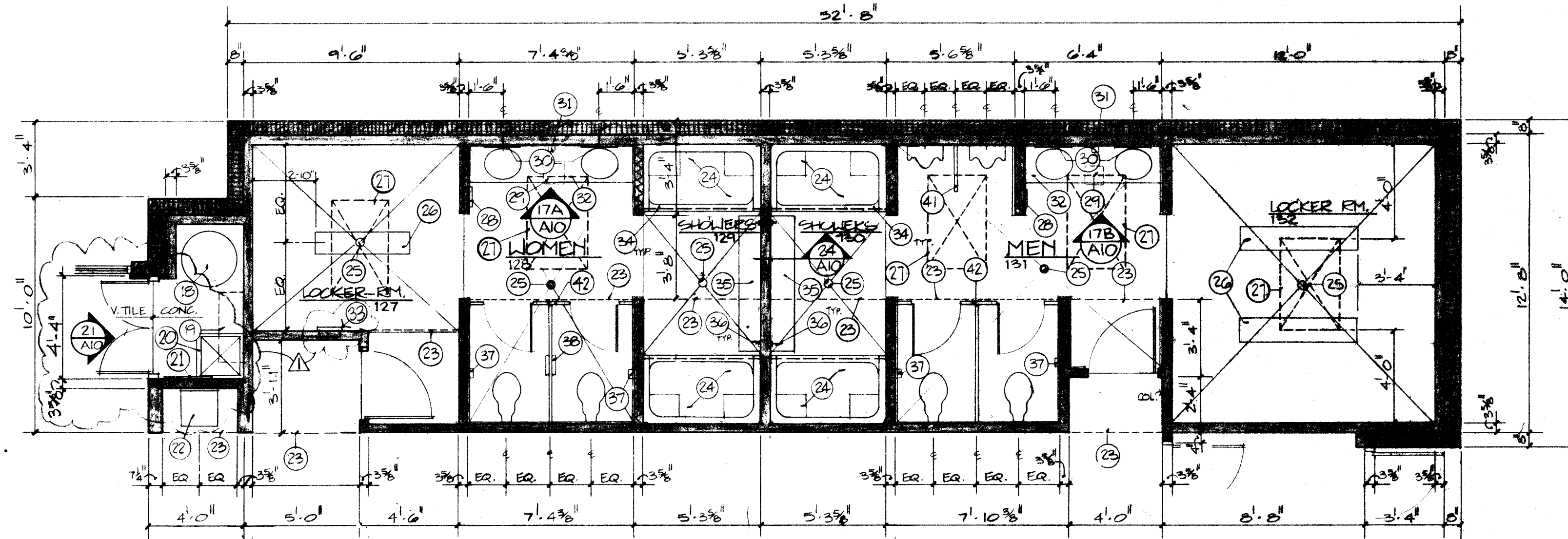
EAST (ALT. No. 2)

9



FLOOR PLAN LOAFING SHED (ALT. No. 2) 11

1/8" = 1'-0"



ENLARGED TOILET PLAN

10

1/4" = 1'-0"

- KEYNOTES A4:
1. PROFILE OF ADJACENT STRUCTURE.
  2. MEMBRANE ROOFING ON CLESTORY BEYOND.
  3. STUCCO.
  4. HOLLOW METAL ASSEMBLY.
  5. PARAPET BEYOND.
  6. 8" X 8" SCORED CMU WITH RAKED JOINTS.
  7. STUCCO CONTROL JOINT.
  8. STUCCO ON CMU.
  9. FINISH GRADE.
  10. STUCCO ON METAL STUDS BEYOND.
  11. PRE-FINISHED 4" X 4" 24 GA. METAL DOWNSPOUT FROM GUTTER. SECURE TO WALL W/ 3" WIDE 20 GA. STRAPS.
  12. FLASHING.
  13. PRE-FINISHED METAL AT FACE.
  14. PRE-FINISHED METAL ROOF PANELS.
  15. PRE-FINISHED METAL GUTTER.
  16. PRECAST CONCRETE DOUBLE TEE ROOF PANEL.
  17. PAINT. SEE STRUCTURAL.
  18. HOT WATER TANK. SEE MECHANICAL.
  19. SHELVES ABOVE.
  20. MOP SINK. SEE MECHANICAL.
  21. MOP HOLDER. SEE MECHANICAL.
  22. ELECTRIC WATER COOLER. SEE MECHANICAL.
  23. INDICATES LINE OF GYP. BD. FURDOWN ABOVE.
  24. FIBERGLASS SHOWER STALL. SEE MECHANICAL.
  25. FLOOR DRAIN. SLOPE FLOOR TO DRAIN.
  26. PEDESTAL MOUNTED BENCH, 4'-0" LONG AT ROOM 127.
  27. 5'-0" LONG AT ROOM 132. SEE 23/A10.
  28. 4'-0" X 2'-6" INSULATED SKYLIGHT WITH REFLECTOR.
  29. SEMI-RECESSED PAPER TOWEL DISPENSER. SEE SPECS.
  30. UNDER COUNTER WASTE RECEPTACLE. SEE SPECS.
  31. 18" X 24" SURFACE MOUNTED MIRROR. SEE SPECS.
  32. SURFACE MOUNTED SOAP DISPENSER. SEE SPECS.
  33. COUNTERTOP.
  34. SEMI-RECESSED FEMININE NAPKIN DISPENSER.
  35. SHOWER CURTAIN ROD WITH CURTAIN TYPICAL AT EACH SHOWER. SEE SPECS.
  36. PEDESTAL MOUNTED BENCH, 5'-6" LONG. SEE 23/A10 AND 24/A10.
  37. TOWEL PIN. PROVIDE ONE AT EACH SHOWER. SEE SPECS.
  38. SEMI-RECESSED TOILET PAPER DISPENSER. SEE SPECS.
  39. FEMININE NAPKIN DISPOSAL UNIT MOUNTED THROUGH TOILET PARTITION. SEE SPECS.
  40. NOT USED.
  41. URINAL SCREEN.
  42. TOILET PARTITION. SEE SPECS.
  43. STUCCO ON METAL LATH ON CMU. CUT CMU TO FIT WITHIN 1/2" OF EXISTING BUILDING ROOF STRUCTURE. CAULK JOINT.
  44. PERFORATED GRAVEL STOP. SEE 7 & 8/A2.
  45. PRECAST CONCRETE CLOSURE PANEL. PAINT.
  46. NOT USED.
  47. 4" CONCRETE SLAB AT DOOR.
  48. PROVIDE BACKER ROD AND CAULK AT JOINT.
  49. FLOOR SLAB AT STORAGE.
  50. CONCRETE FOUNDATION. SEE STRUCTURAL.
  51. PRECAST CONCRETE CLOSURE PANEL. CAULK PERIMETER. PAINT.
  52. CORRAL FENCE SECTIONS ERECTED BY OWNER.
  53. FILL VOIDS OF CMU WALL AT STORAGE ROOM WITH LOOSE FILL INSULATION.
  54. 4" CONCRETE SLAB WITH 6" X 8" TURN DOWN AT EDGE TYPICAL. 6 X 6- W1.4 X W1.4 WWF. SLOPE 1/4" PER FOOT AWAY FROM BUILDING.
  55. EXTEND SOUTH WALL OF STORAGE ROOM TO WITHIN 1/2" OF ROOF DECK AND CAULK JOINT.
  56. LINE OF ROOF OVERHANG.
  57. OPENING IN CMU WALL.
  58. NEW CHAINLINK GATE; WIDTH AS SHOWN. SEE 11/SD1.
  59. 2" I.D. STEEL PIPE WITH CONCRETE FOUNDATION. SEE 12/SD1.
  60. SINGLE PIPE SLEEVE SET IN 12" DIA. CONCRETE FOUNDATION. SEE 6/SD1.
  61. DOUBLE PIPE SLEEVE SET IN 12" X 18" CONCRETE FOUNDATION. SEE 6 & 7/SD1.
  62. CHAINLINK FENCE LINE.
  63. GRADED SOIL.
  64. EXTEND CMU WALL TO 9'-4" ABOVE STORAGE ROOM SLAB.
  65. BALLASTED MEMBRANE ROOFING.
  66. CAST-IN PLACE CONCRETE WALL.

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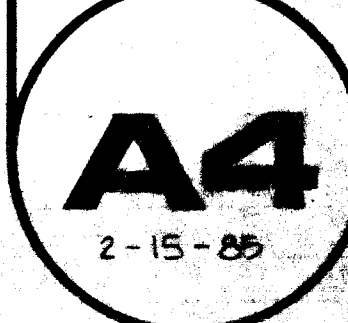


**GREGORY T. HICKS & ASSOC.**  
The Sunshine Building  
Albuquerque, New Mexico 87102 (505) 243-7492

**CITY OF ALBUQUERQUE  
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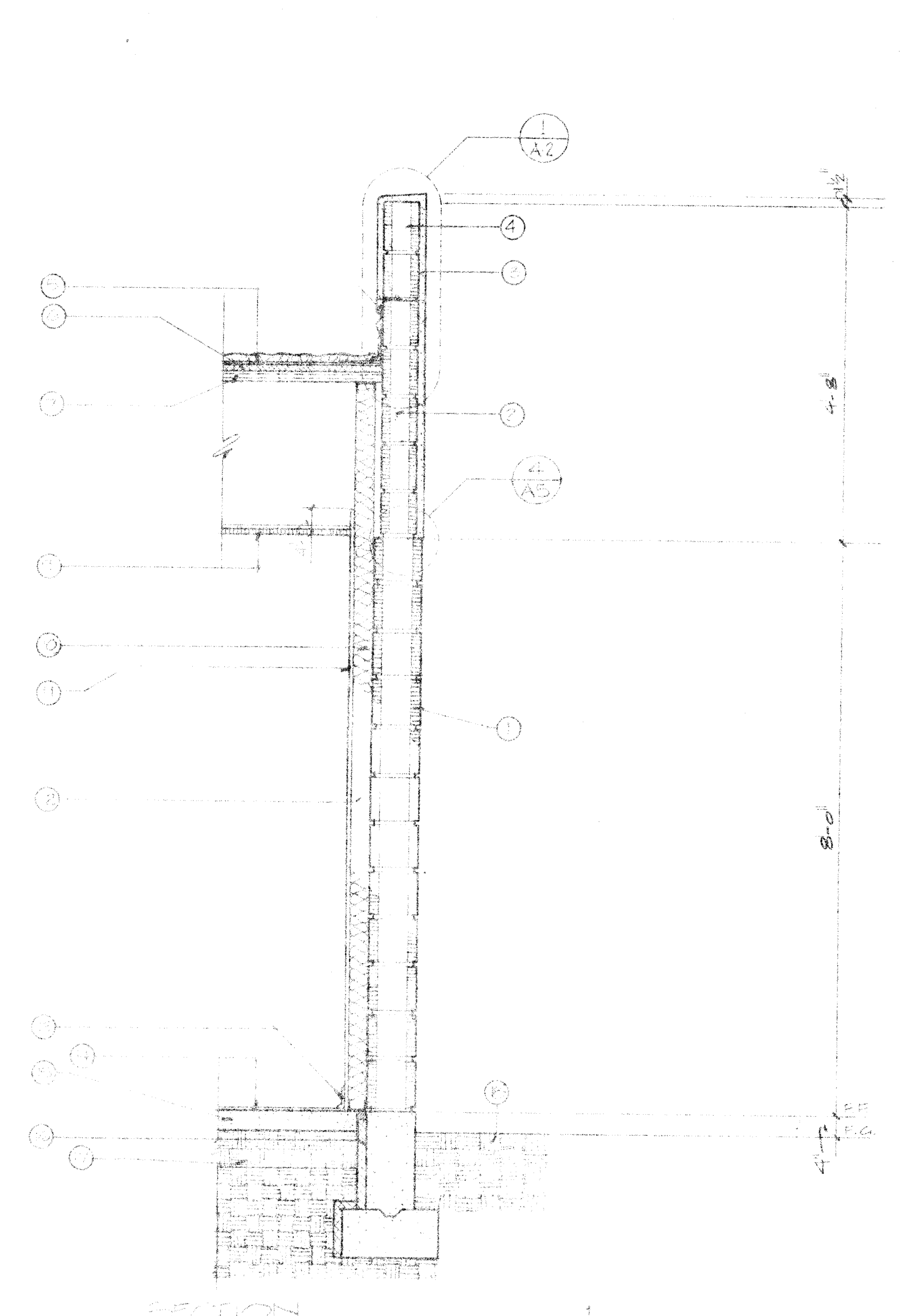
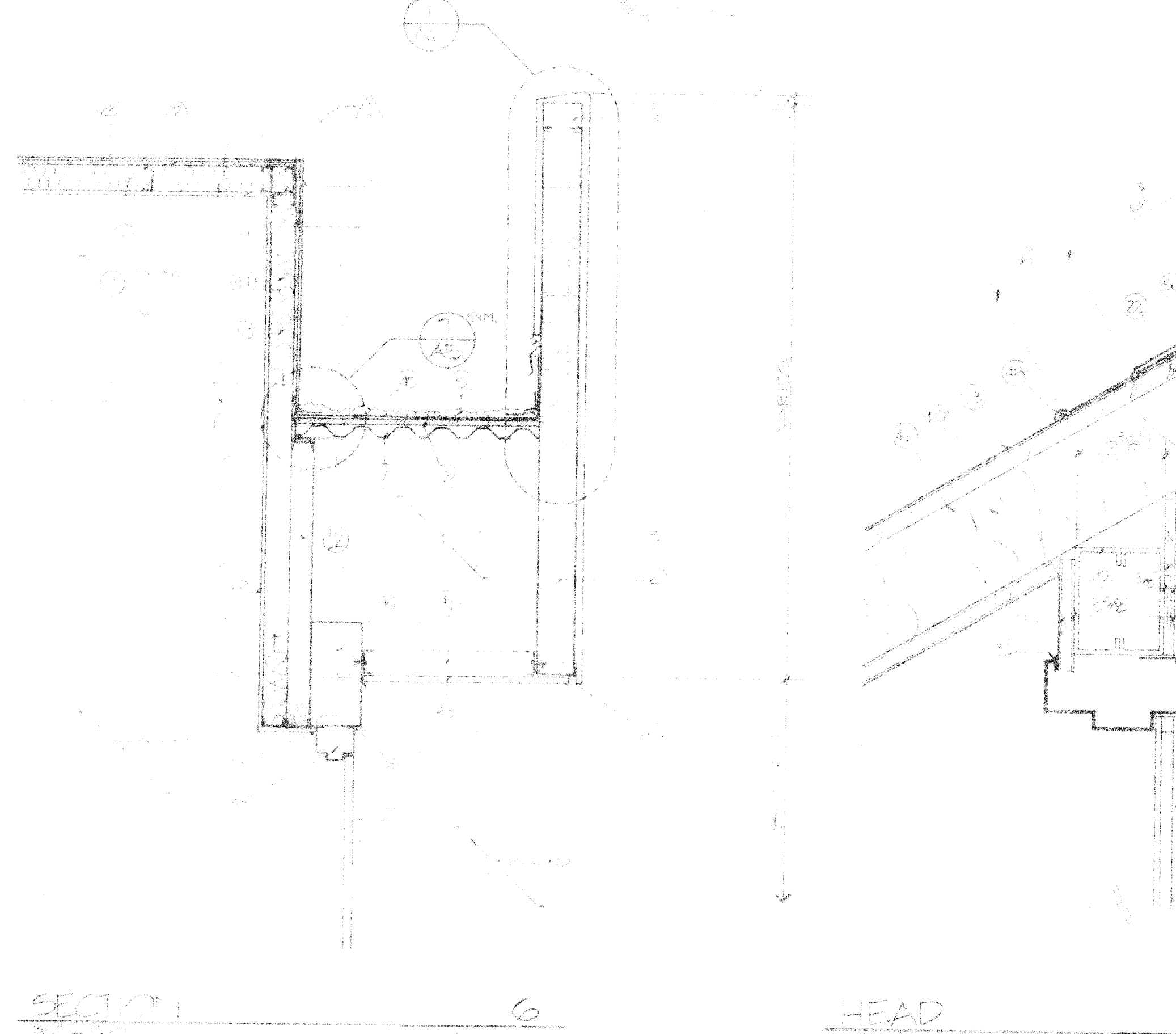
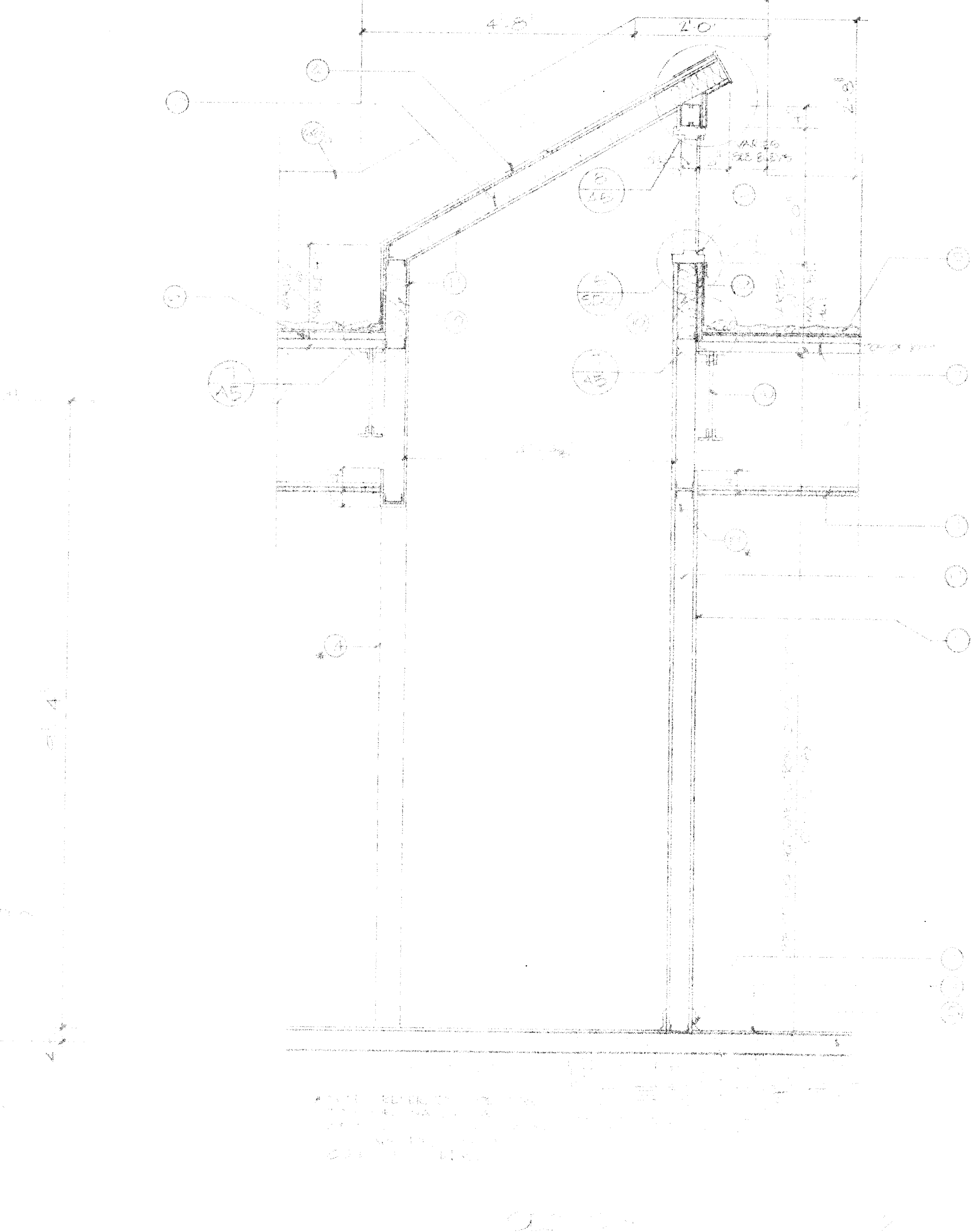
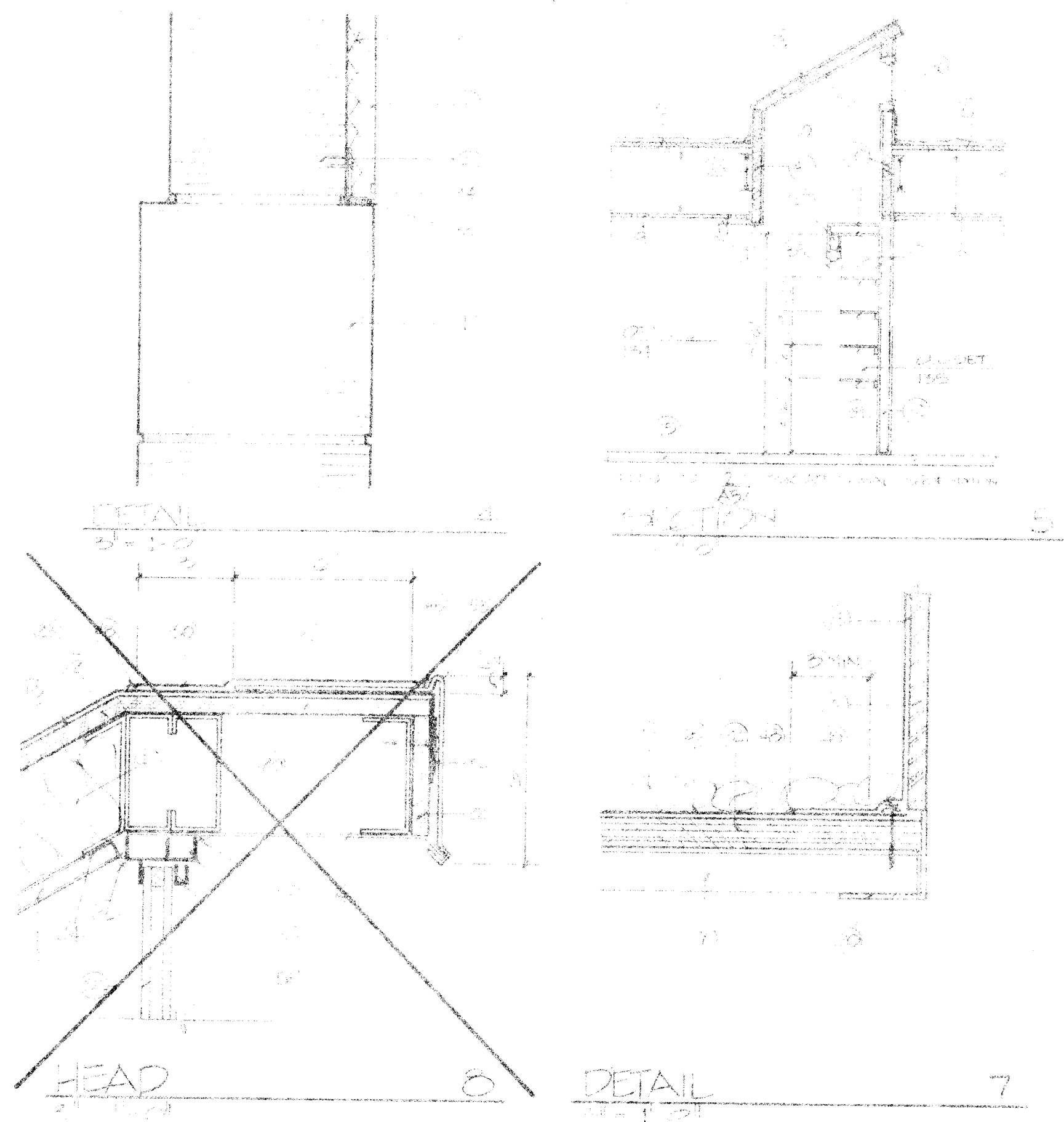
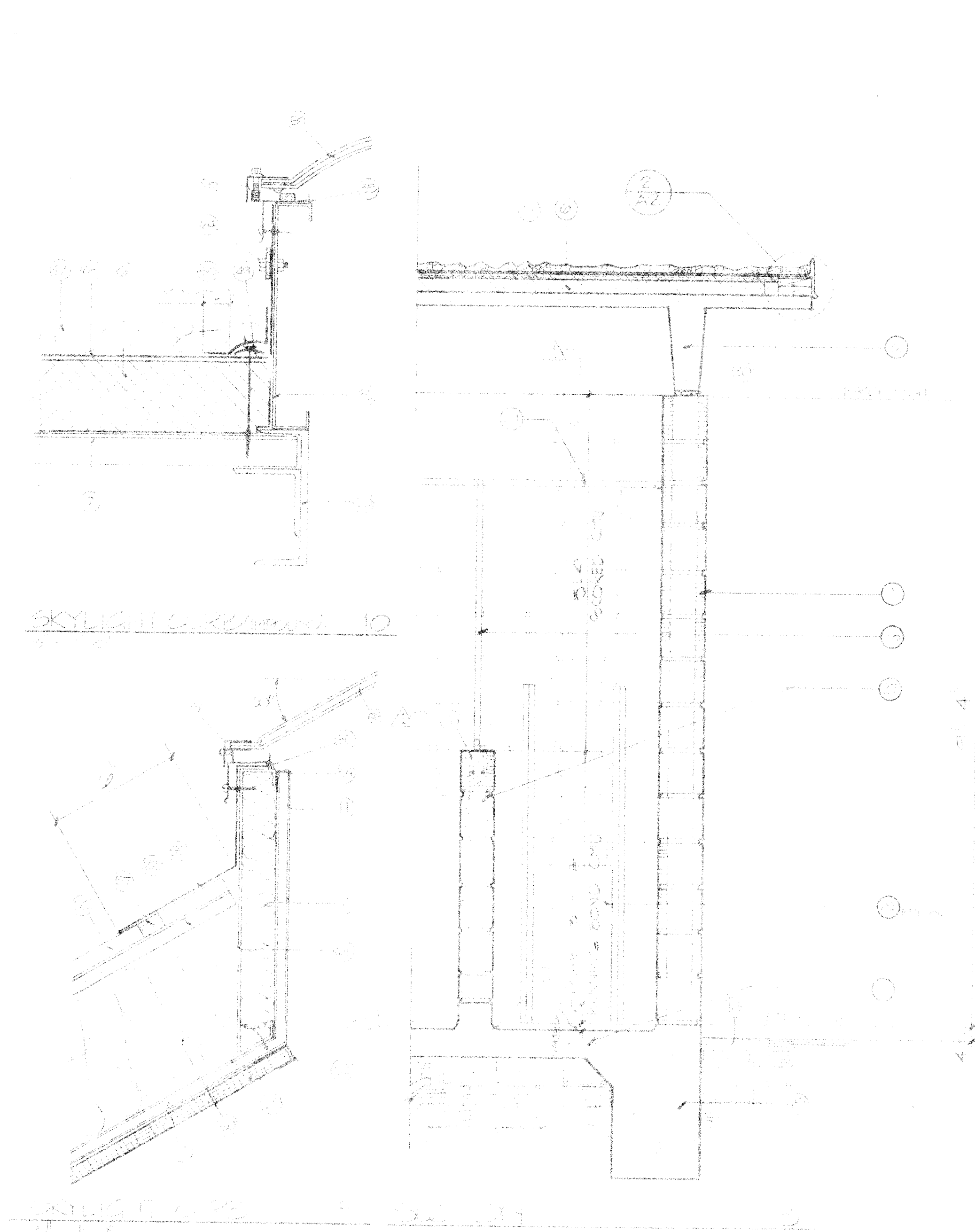
FLOOR PLAN  
TOILET AREA,  
ELEVATIONS

RECORD  
DRAWING  
REVISIONS



**A4**  
2-15-85



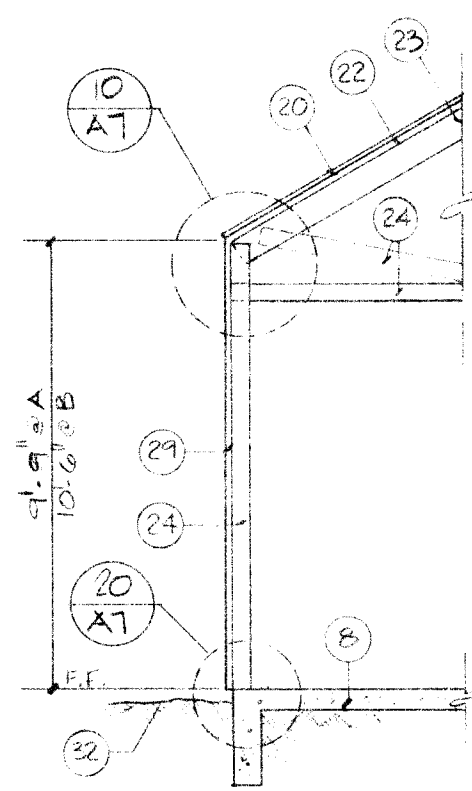


- KEYNOTES A5:
- 8" SCGRED CMU W/ LOOSE FILL INSULATION. COORDINATE WITH STRUCTURAL.
  - 6" CMU W/ LOOSE FILL INSULATION. COORDINATE WITH STRUCTURAL.
  - 1" STUCCO ON EXPANDED METAL LATH ON CMU. COORDINATE TOP OF WALL CONDITION WITH STRUCTURAL.
  - BALLASTED MEMBRANE ROOFING SYSTEM.
  - R-20 URETHANE INSULATION BOARD.
  - METAL ROOF DECK. SEE STRUCTURAL.
  - NOT USED.
  - SUSPENDED CEILING PER ROOM FINISH SCHEDULE.
  - R-11 BATT INSULATION.
  - 5/8" GYPSUM BOARD PER ROOM FINISH SCHEDULE.
  - 3-5/8" METAL STUDS @ 16" O.C.
  - BASE PER ROOM FINISH SCHEDULE.
  - FLOOR FINISH PER ROOM FINISH SCHEDULE.
  - CONCRETE FLOOR SLAB.
  - R-4 PERIMETER INSULATION.
  - COMPACTED FILL. SEE STRUCTURAL.
  - FINISH GRADE OR PAVING AS IT OCCURS.
  - TERMINATE WALL FROM ABOVE AND WRAP WITH GYPSUM BOARD AT LOCATIONS WHERE FULL HEIGHT WALL DOES NOT OCCUR.
  - SEE STRUCTURAL.
  - 3/8" PLYWOOD ATTACHED TO STUDS.
  - 5/8" PLYWOOD ATTACHED TO STUDS.
  - ADHERED MEMBRANE ROOFING ON PLYWOOD.
  - FULL HEIGHT PARTITION AS IT OCCURS.
  - VERTICAL SLIDING DOOR AND TRACK. SEE AB.
  - 1/4" RADIUS COVE AT FLOOR SLAB/CURB INTERSECTION.
  - 6" CMU KENNEL DIVIDER PARTITION.
  - KENNEL FENCING AT DIVIDER PARTITION.
  - KENNEL FENCING AT ROOF OF KENNELS.
  - PROVIDE BACKER ROD AND CAULK FULL LENGTH OF JOINT.
  - PRECAST CONCRETE ROOF PANEL. SEE STRUCTURAL.
  - NOT USED.
  - EXPANDED METAL LATH ON CMU.
  - METAL TRIM STOP.
  - CAULK.
  - GLAZING FRAME.
  - DOUBLE 4" STUD HEADER.
  - HOLLOW METAL FRAME.
  - SHELVES FROM 3/4" PLYWOOD WITH WOOD NOSING WITH 1X2 PINE LEDGER ON THREE SIDES. PAINT.
  - CONT. BOND BEAM THRU WALL.
  - METAL STUDS. SEE STRUCT.
  - DOOR.
  - 1" STUCCO ON RIBLATH WITH BACKING ON METAL STUDS.
  - CMU LINTEL. SEE STRUCTURAL.
  - TAPERED INSULATION. SEE ROOF PLAN.
  - METAL Drip GUTTER: FRY DS-875 OR EQUAL.
  - ROOF BALLAST.
  - LAP SPlice GEMENT.
  - FASTENER STRIP WITH FASTENERS PER ROOF MANUFACTURERS RECOMMENDATIONS.
  - ADJUSTED MEMBRANE FLASHING.
  - GLAZING STOP.
  - INSULATED GLAZING.
  - PREFINISHED METAL FASCIA.
  - TURN MEMBRANE DOWN AT FASCIA AND FASTEN PER MANUFACTURERS RECOMMENDATIONS.
  - PREFINISHED METAL FLASHING.
  - PREFINISHED METAL ROOF PANELS ON #15 FELT ON PLYWOOD DECK.
  - CLOSURE STRIP.
  - CITYLIGHT UNIT.
  - INSULATED SKYLIGHT DOME.
  - FILL VOID WITH BATT INSULATION.
  - STEEL CHANNEL CURB.
  - ALUMINUM ACOUSTIC CEILING TILE Moulding: FRY # FARM-875-75 OR EQUAL.
  - ACOUSTICAL CEILING PANEL PER ROOM FINISH SCHEDULE.
  - ZONWORKS SKYLIGHT REFLECTOR BRACKET OR EQUAL ATTACHED PER MANUFACTURER'S RECOMMENDATION.
  - PROOFING MEMBRANE.
  - PARAPET.

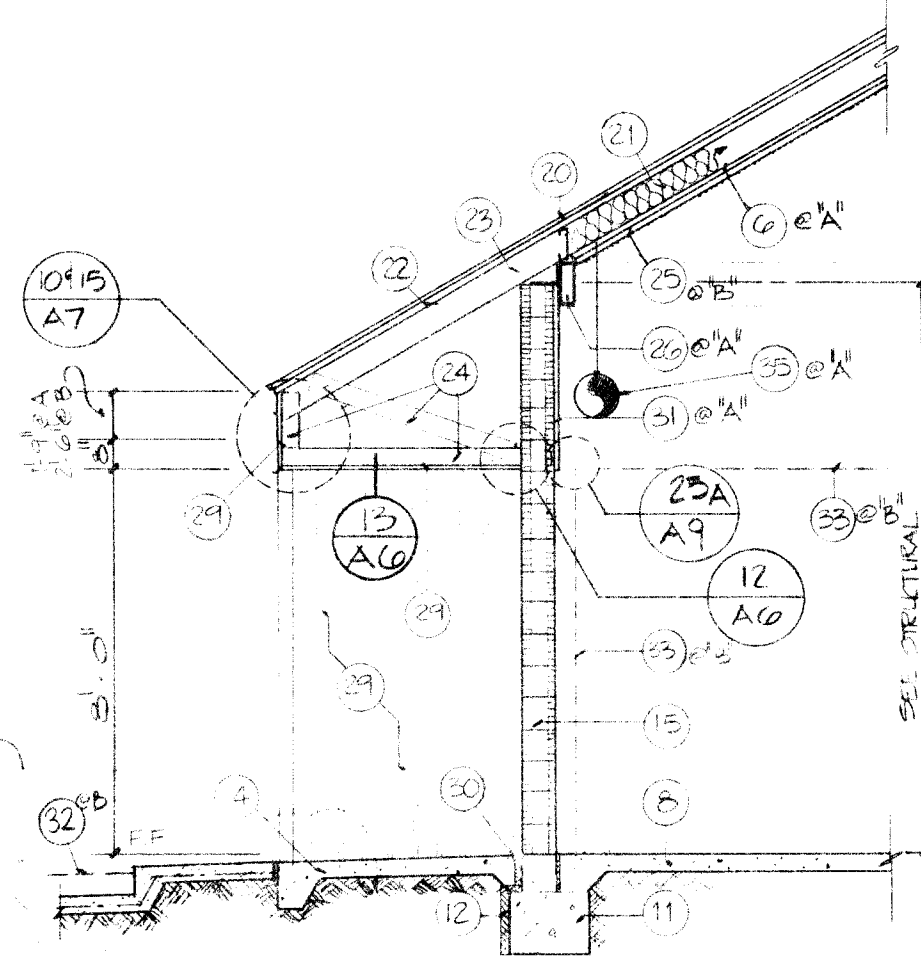
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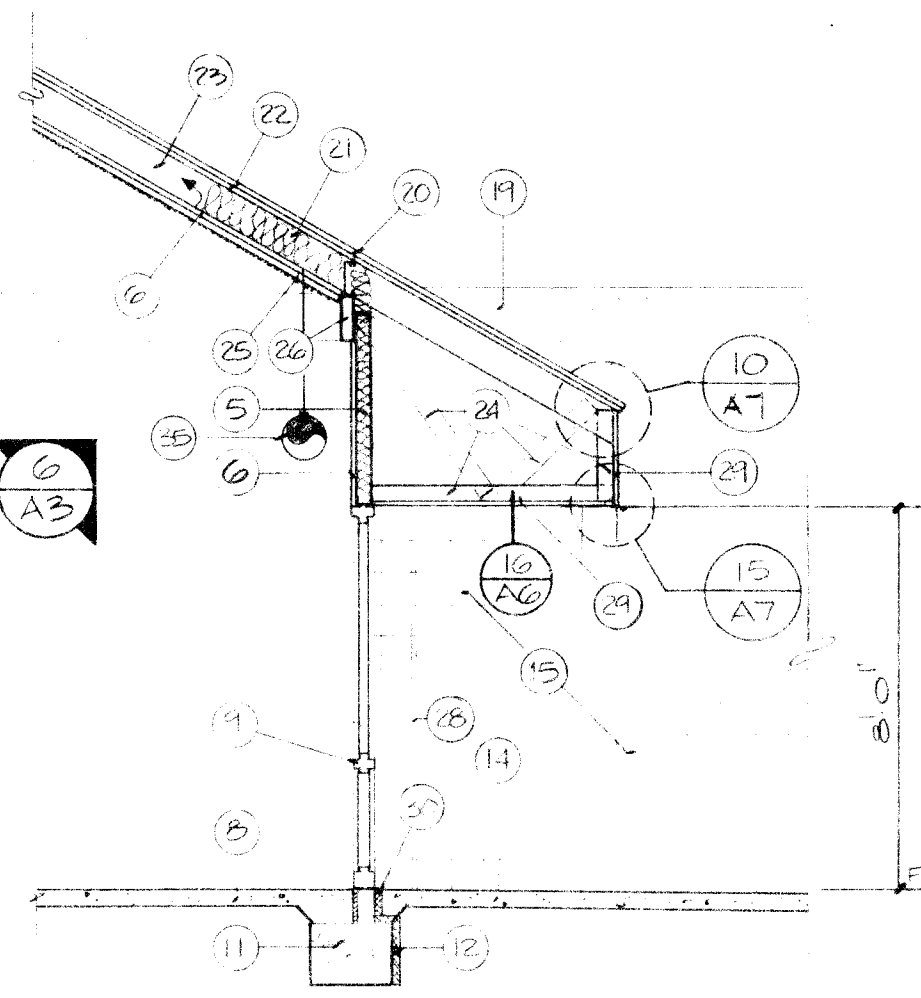




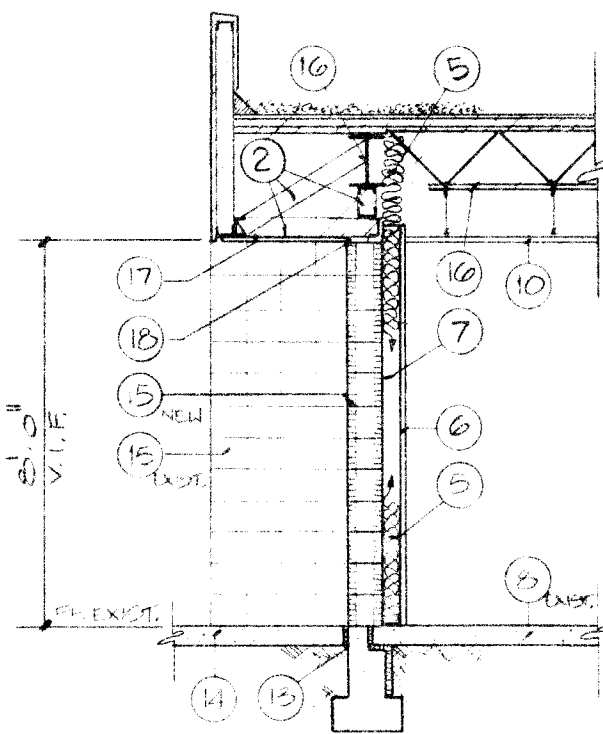
SECTION 5AB  
1/4" = 1'-0"



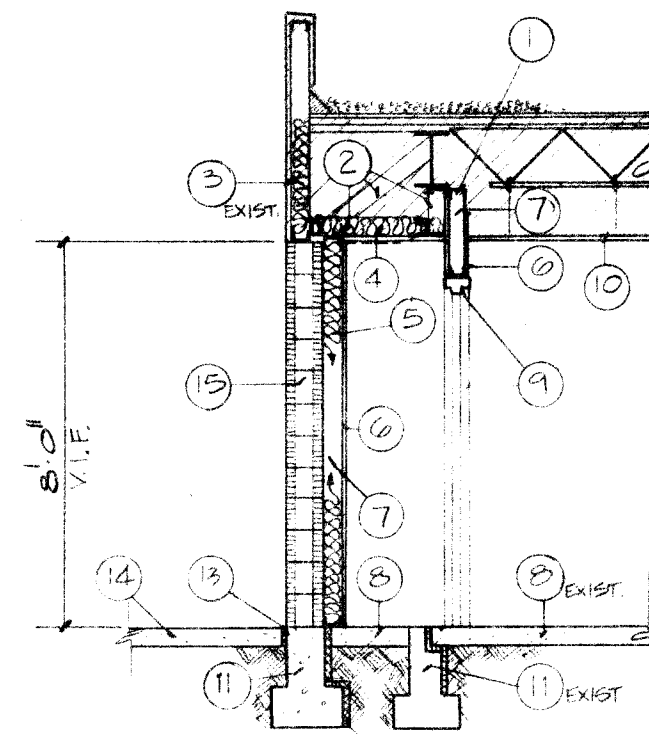
SECTION 4AB  
1/4" = 1'-0"



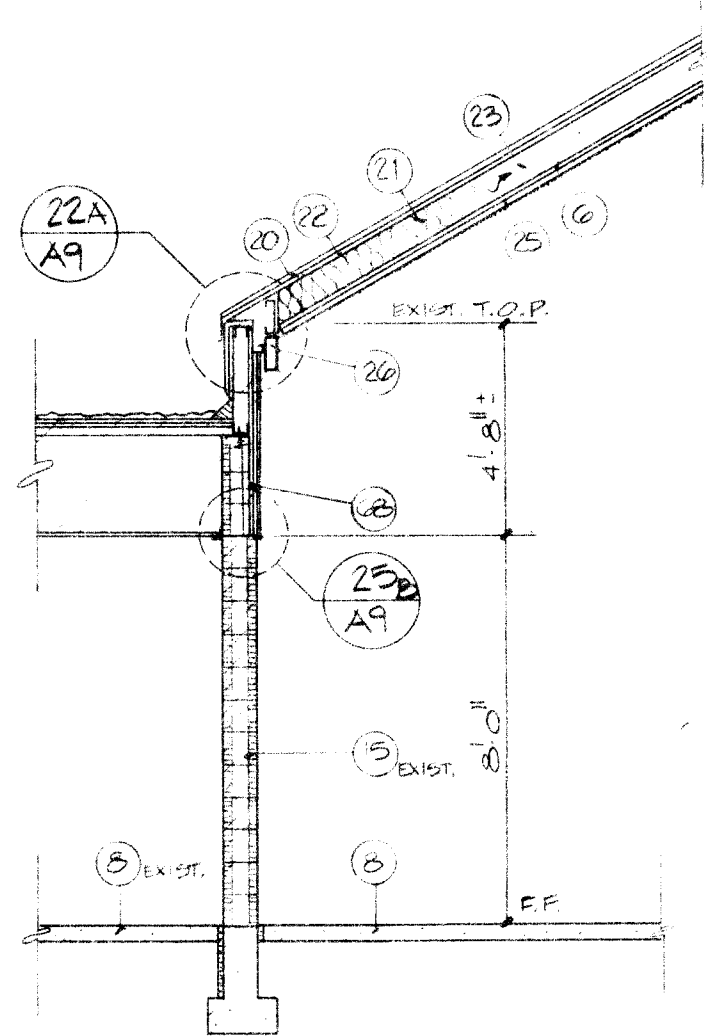
SECTION 3  
1/4" = 1'-0"



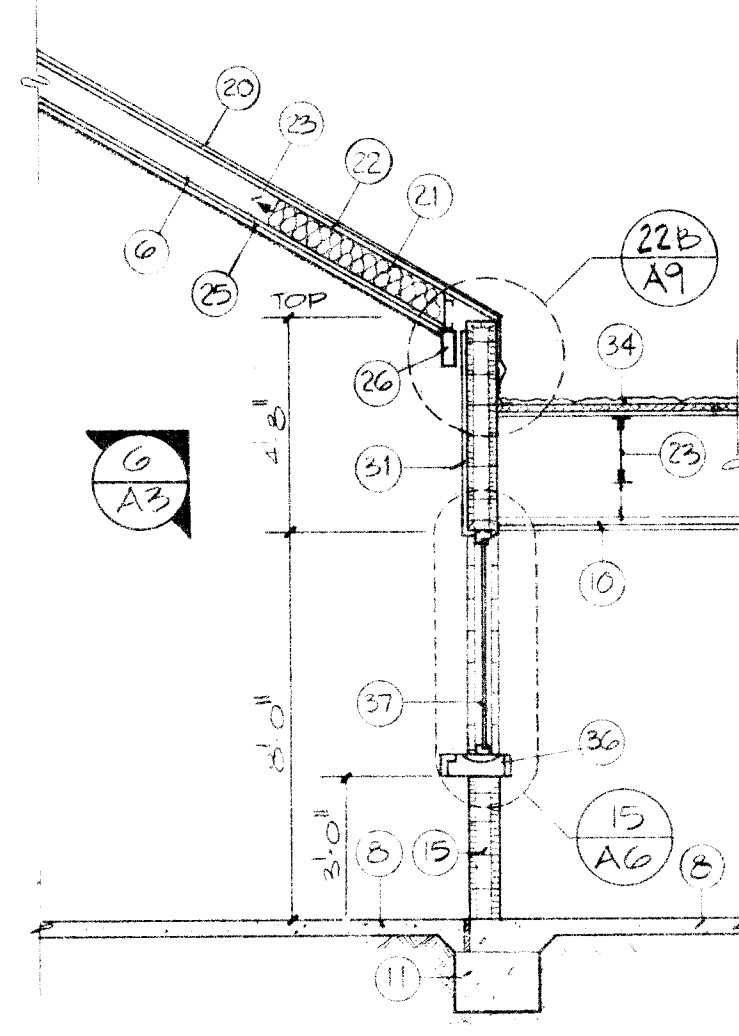
SECTION 2  
1/4" = 1'-0"



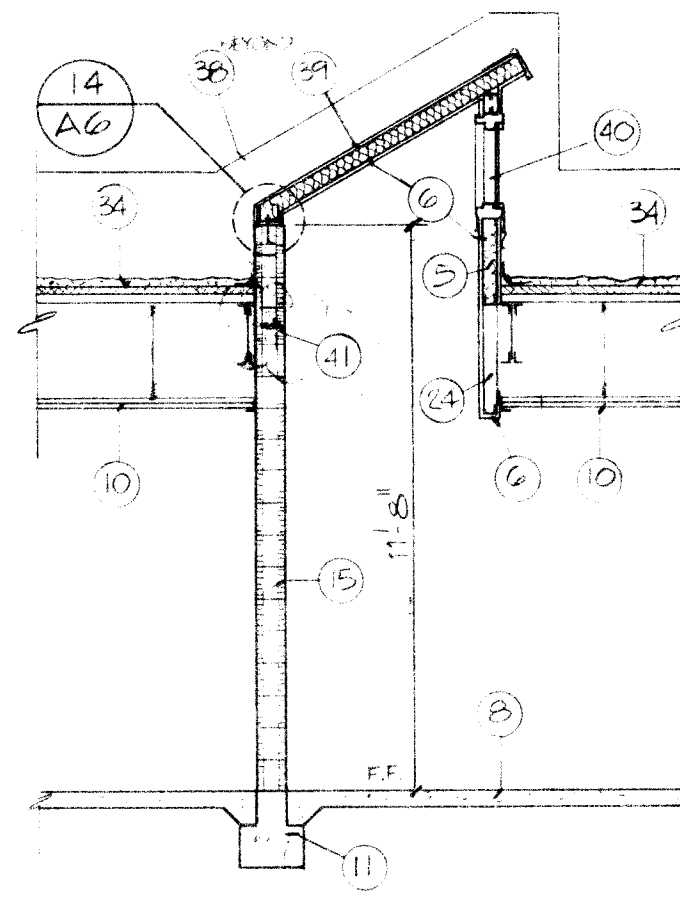
SECTION 1  
1/4" = 1'-0"



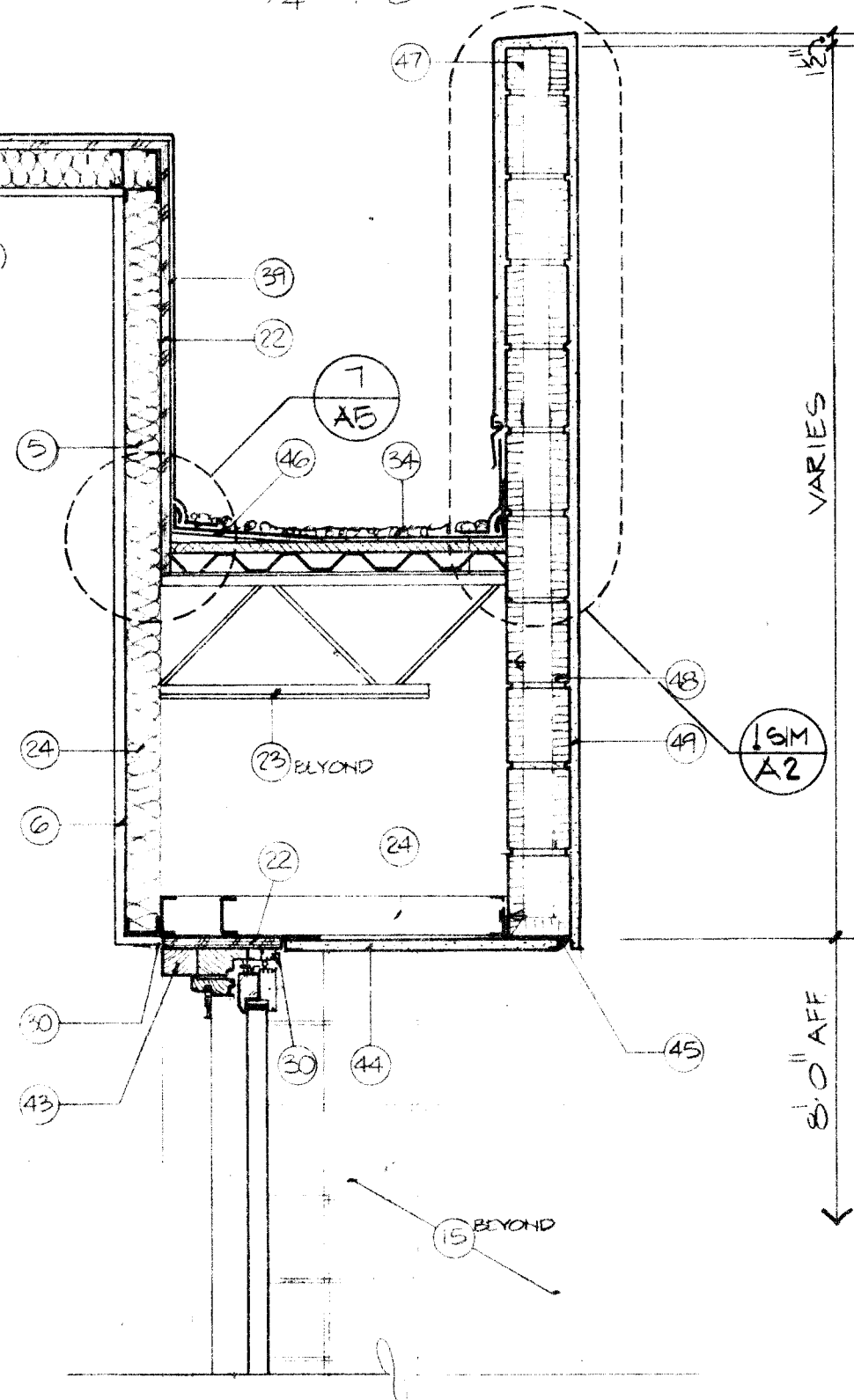
SECTION 6  
1/4" = 1'-0"



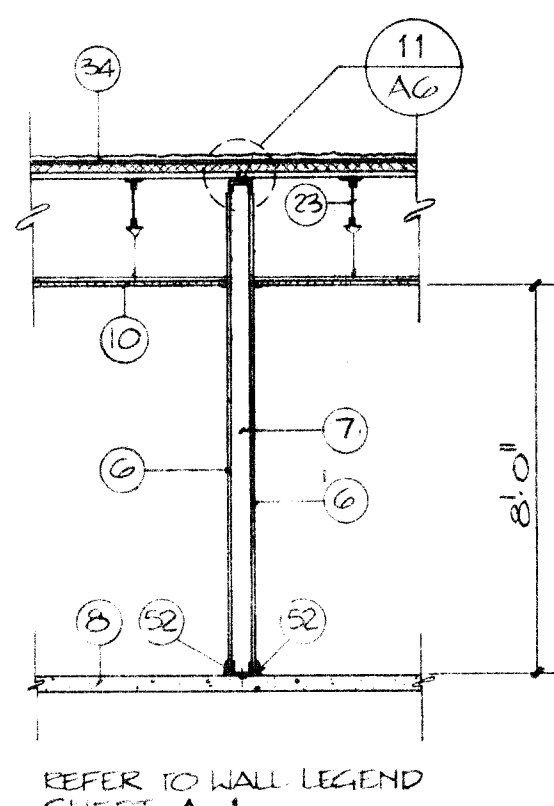
SECTION 7  
1/4" = 1'-0"



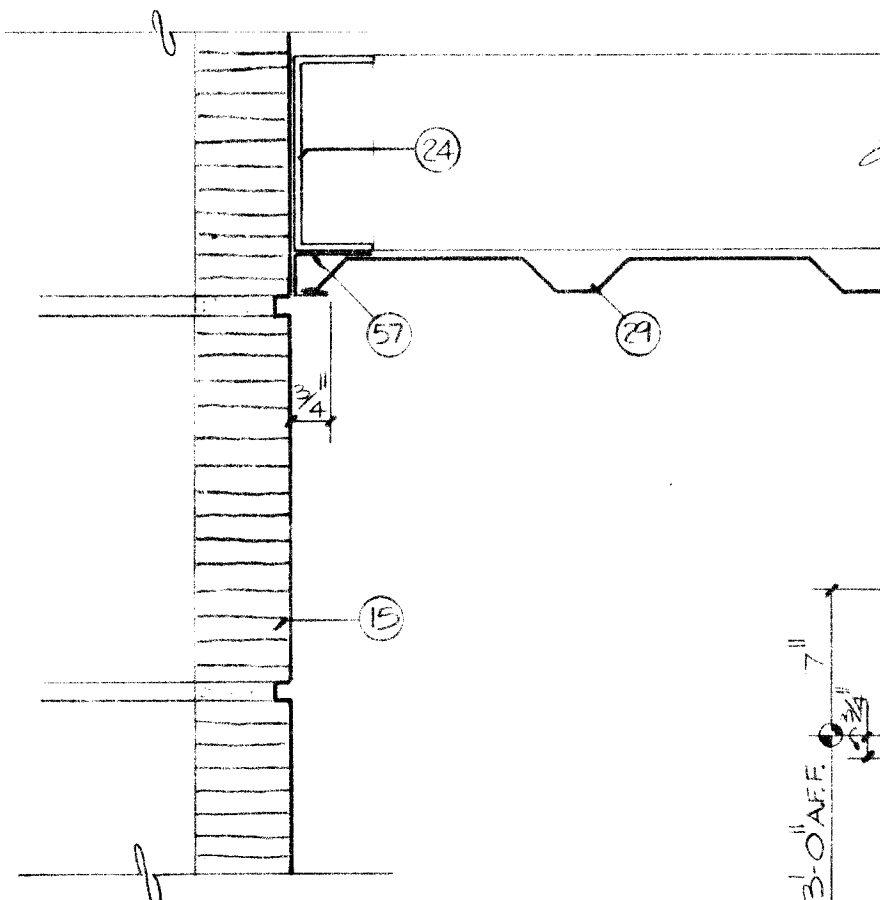
SECTION 8  
1/4" = 1'-0"



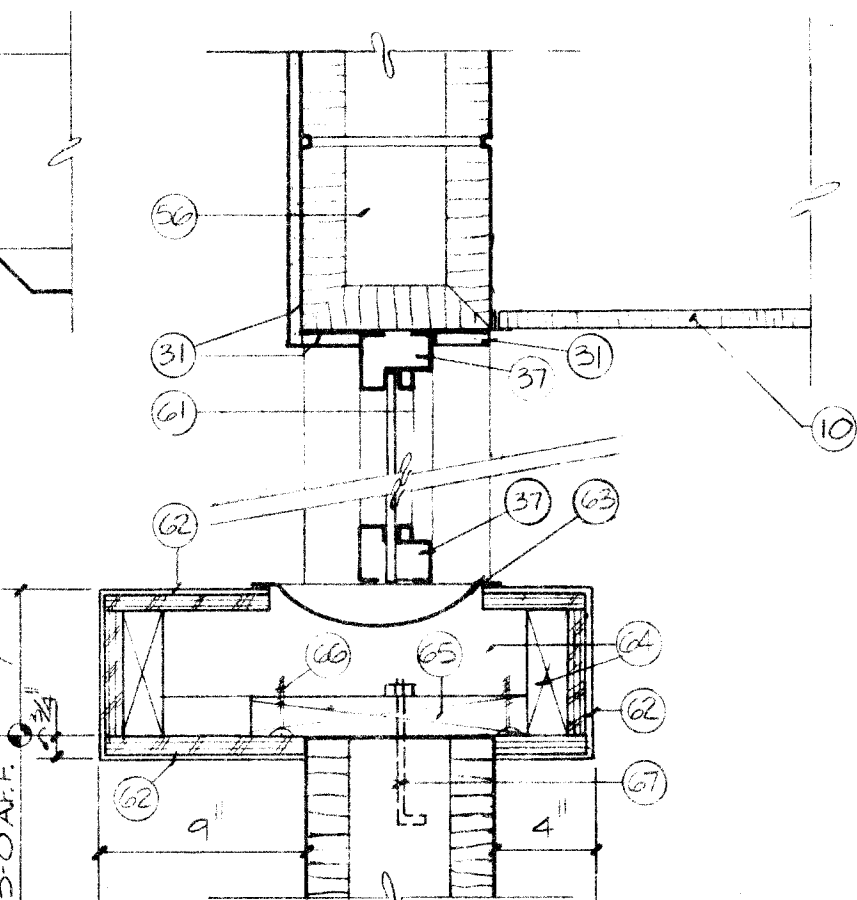
SECTION 9  
3/4" = 1'-0"



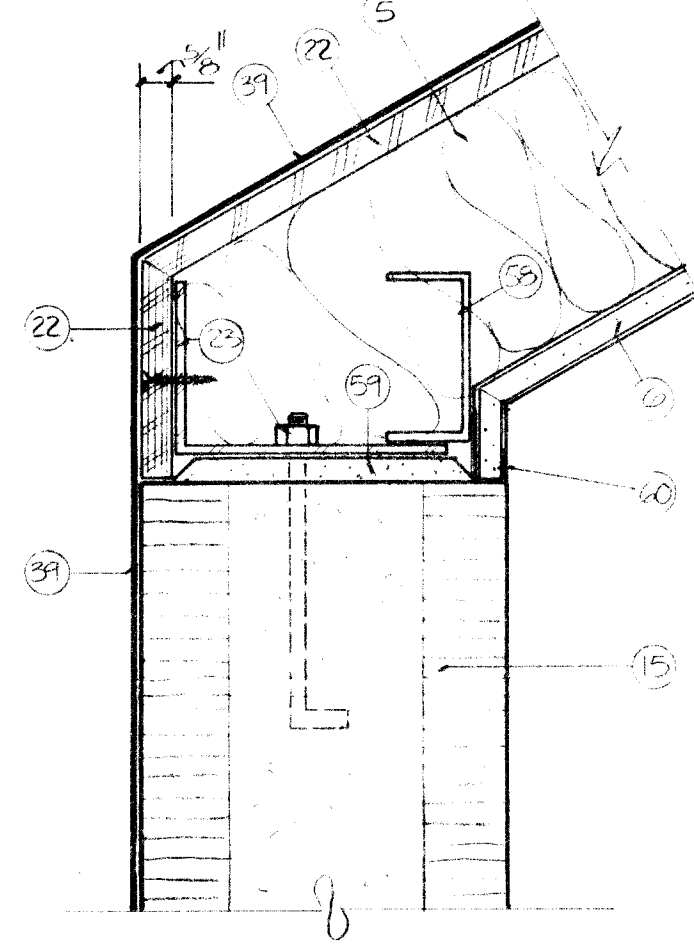
SECTION 10  
1/4" = 1'-0"



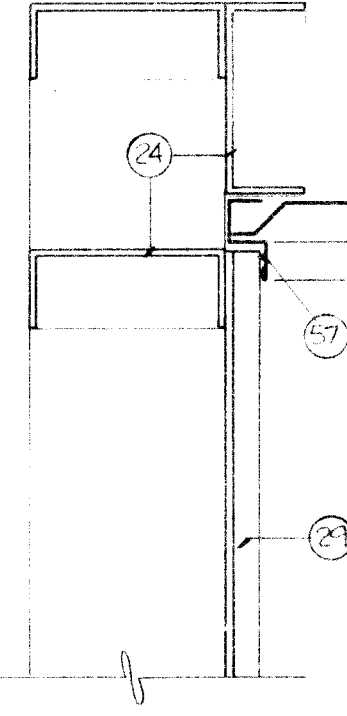
DETAIL 16  
3/4" = 1'-0"



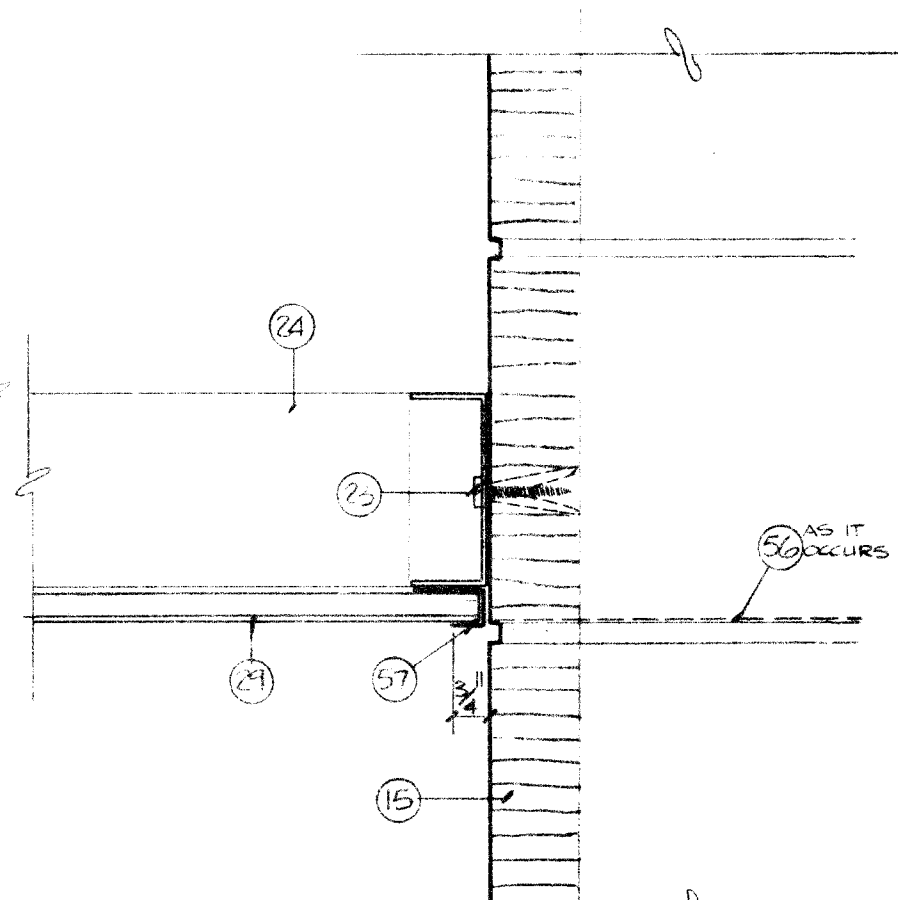
DETAIL 15  
1/4" = 1'-0"



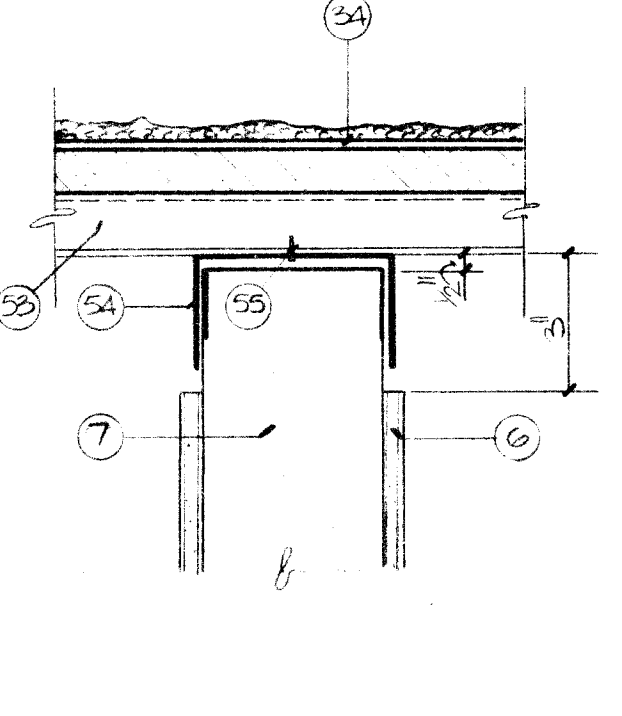
DETAIL 14  
3/4" = 1'-0"



DETAIL 13  
3/4" = 1'-0"



DETAIL 12  
3/4" = 1'-0"



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

REFER TO 9/AS  
FOR SKYLIGHT CURB  
DETAIL

REFER TO 2/AS FOR ADDITIONAL INFORMATION

KEYNOTES AG:

1. ATTACH NEW METAL STUDS TO EXISTING STRUCTURE ABOVE.
2. EXISTING STEEL STUDS TO REMAIN.
3. STUCCO.
4. REMOVE EXISTING STUCCO AND LATH. ATTACH 5/8" GYPSUM BOARD TO STUDS PER ROOM FINISH SCHEDULE.
5. R-11 BATT INSULATION.
6. GYPSUM BOARD ON METAL STUDS PER ROOM FINISH SCHEDULE.
7. 3-5/8" METAL STUDS @ 16" O.C.
8. FLOOR SLAB.
9. HOLLOW METAL FRAME.
10. SUSPENDED CEILING PER ROOM FINISH SCHEDULE.
11. CONCRETE FOUNDATION. SEE STRUCTURAL.
12. R-4 PERIMETER INSULATION.
13. EXPANSION JOINT.
14. EXTERIOR FLAT WORK.
15. 8" CMU W/ LOOSE FILL INSULATION AT EXTERIOR WALLS. COORDINATE WITH STRUCTURAL.
16. EXISTING STRUCTURE.
17. EXISTING SOFFIT TO REMAIN.
18. CAULK FOR WEATHER TIGHT SEAL AT JOINT.
19. EXISTING STUCCO FASCIA BEYOND. REMOVE AS REQUIRED TO ACCOMPLISH WORK. PATCH TO MATCH SURROUNDINGS. APPLY COLOR COAT PER ELEVATIONS.
20. PREFINISHED METAL ROOF PANELS ON #15 FELT ON PLYWOOD DECK.
21. R-19 BATT INSULATION.
22. 5/8" PLYWOOD.
23. SEE STRUCTURAL.
24. STEEL STUDS. SEE STRUCTURAL.
25. ACOUSTIC PANELS ON GYPSUM BOARD.
26. EXPOSED STEEL TUBE PAINT.
27. NOT USED.
28. JOINT AT NEW AND EXISTING CMU BEYOND.
29. PREFINISHED METAL PANELS ON STEEL STUDS. PROVIDE STEEL STUD BLOCKING @ 16" O.C.
30. CAULK.
31. 5/8" GYPSUM BOARD GLUED TO CMU WALL.
32. FINISH GRADE.
33. LINE OF WALL AND SUSPENDED CEILING AT CONDITION INDICATED.
34. BALLASTED MEMBRANE ROOF SYSTEM.
35. EXPOSED DUCTWORK WITH SUSPENSION RODS. PAINT.
36. COUNTER TOP.
37. HOLLOW METAL FRAME.
38. PARAPET.
39. ADHERED MEMBRANE ROOFING ON PLYWOOD DECK.
40. FRAME AND GLAZING.
41. CMU BOND BEAM. FORM WITH HORIZONTAL JOINT TO MATCH RAKED JOINT. PAINT TO CONTRAST WITH WALL COLOR.
42. NOT USED.
43. WINDOW UNIT.
44. 1" STUCCO ON RIBLATH WITH BACKING.
45. METAL DRIP SCREED: FRY NO. DS-875 OR EQUAL.
46. TAPERED ROOF INSULATION. SEE ROOF PLAN.
47. COORDINATE TOP OF WALL CONDITION WITH STRUCTURAL.
48. 6" CMU W/ LOOSE FILL INSULATION. COORDINATE WITH STRUCTURAL.
49. 1" STUCCO ON EXPANDED METAL LATH ON CMU.
50. NOT USED.
51. NOT USED.
52. BASE PER ROOM FINISH SCHEDULE.
53. STEEL ROOF DECK. SEE STRUCTURAL.
54. 16 GA. - 3-5/8" X 1-1/2" STEEL CHANNEL.
55. ATTACH CHANNEL TO DECK WITH SHEET METAL SCREWS @ 12" O.C.
56. CMU LINTEL.
57. PREFINISHED METAL TRIM PIECE SHAPE AS SHOWN.
58. METAL STUD BLOCKING.
59. GROUT. SEE STRUCTURAL.
60. DRYWALL TRIM.
61. GLAZING. SEE FRAME ELEVATIONS.
62. COUNTERTOP OF PLASTIC LAMINATE ON 3/4" PLYWOOD AT EXPOSED SURFACES.
63. STAINLESS STEEL DEAL TRAY (16"X10"X1-1/2") CREATIVE INDUSTRIES MDL. NO. 1610-S OR EQUAL.
64. 2X WOOD FRAME ALL FOUR SIDES AND 24" O.C. PAINT.
65. 2X12 WOOD PLATE ATTACHED WITH ANCHOR BOLTS.
66. ATTACH COUNTER TOP THROUGH PLATE WITH WOOD SCREWS AT 24" O.C.
67. 1/2" DIA. X 8" ANCHOR BOLT @ 4'-0" O.C. SET IN GROUT.
68. REMOVE EXISTING STUCCO AND LATH AT INTERIOR. APPLY METAL FURRING CHANNELS AT 16" O.C. TO CREATE A PLANE WHICH IS FLUSH WITH FACE OF CMU WALL. APPLY ONE LAYER 5/8" GYPSUM BOARD ON FURRING.

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**GREGORY T. HICKS & ASSOC.**  
The Sunshine Building  
112 Second St. S.W.  
Albuquerque, New Mexico 87102  
(505) 243-7492

**CITY OF ALBUQUERQUE  
ANIMAL CONTROL CENTER EXPANSION**

WALL SECTIONS  
DETAILS

RECORD  
DRAWING  
REVISIONS







**GREGORY T. Hicks & ASSOC.**  
The Sunshine Building  
Albuquerque, New Mexico 87102  
112 Second St. S.W.  
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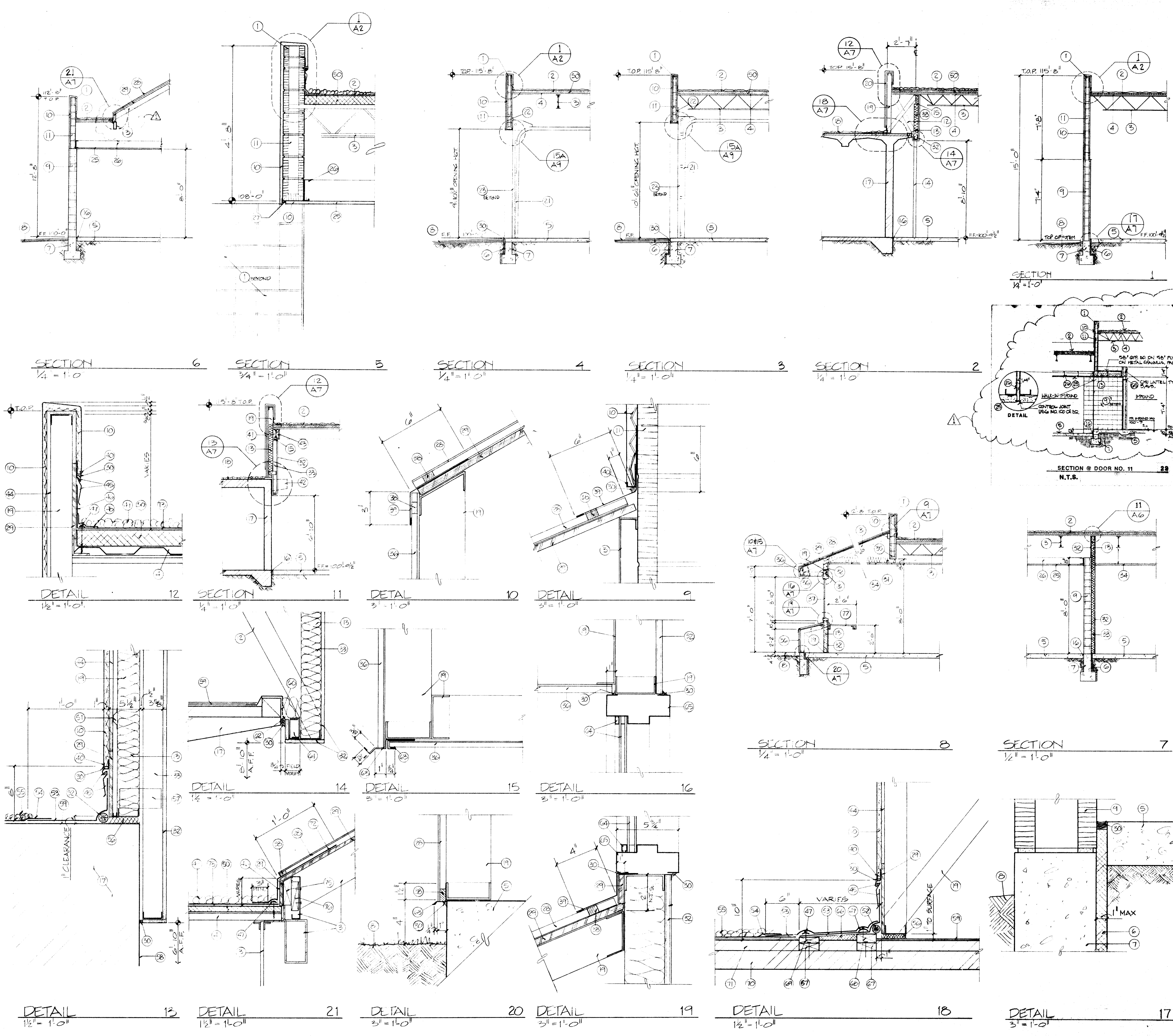
**CITY OF ALBUQUERQUE  
ANIMAL CONTROL CENTER EXPANSION**

SECTIONS,  
DETAILS

RECORD  
DRAWING  
REVISIONS

**A7**  
2-15-85

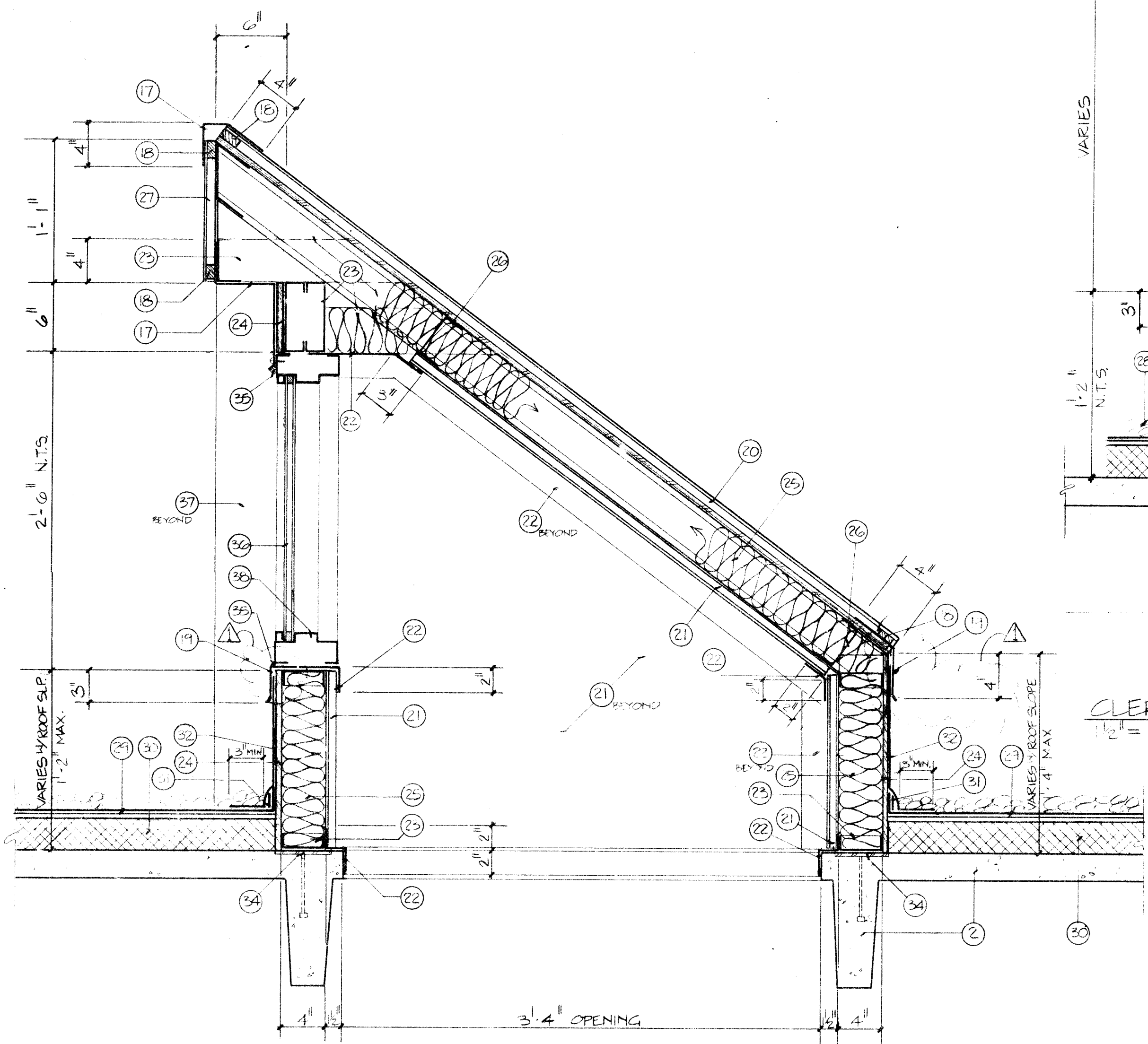
- KEYNOTES: A7
1. COORDINATE TOP OF WALL CONDITION WITH STRUCTURAL.
  2. BALLASTED ROOF SYSTEM.
  3. SEE STRUCTURAL. PAINT AT EXPOSED CONDITIONS.
  4. STEEL ROOF DECK. PAINT AT EXPOSED CONDITIONS.
  5. FLOOR SLAB.
  6. R-4 PERIMETER INSULATION.
  7. CONCRETE FOUNDATION. SEE STRUCTURAL.
  8. FINISH GRADE OR PAVING AS THEY OCCUR.
  9. 8" CMU W/ LOOSE FILL INSULATION.
  10. COORDINATE WITH STRUCTURAL.
  11. 1" STUCCO ON EXPANDED METAL LATH ON CMU.
  12. 6" CMU W/ LOOSE FILL INSULATION.
  13. COORDINATE WITH STRUCTURAL.
  14. METAL STUD BRACING AT 2'-8" O.C.
  15. R-11 BATT INSULATION.
  16. COLUMN BEYOND. PAINT.
  17. ATTACH METAL STUD WALL TO STEEL BEAM. ALIGN TO COVER BEARING PLATE WHEN GYPSUM BOARD IS APPLIED.
  18. EXPANSION JOINT MATERIAL.
  19. EXISTING STRUCTURE SHOWN HATCHED.
  20. EXISTING BUILT-UP ROOF.
  21. STEEL STUDS. SEE STRUCTURAL.
  22. 1" STUCCO ON METAL LATH ON 5/8" GYPSUM SHEATHING ON STEEL STUDS.
  23. 3" STANDARD OVERHEAD HEIGHT SECTIONAL DOOR TRACK.
  24. EXTEND LEG OF STEEL CHANNEL TO HEIGHT AS RECOMMENDED BY SECTIONAL DOOR MANUFACTURER AND ANCHOR INTO CONCRETE. PROVIDE 10" X 20" X 1/4" STEEL PLATE W/ 4 1/2" DIA. EXPANSION BOLTS CENTERED OVER DOOR OPENING OR AS REQUIRED TO SUPPORT DOOR EQUIPMENT. PAINT.
  25. STEEL JAMB CHANNEL. PAINT. SEE DOOR DETAILS.
  26. NOT USED.
  27. 1" STUCCO ON RIBLATH WITH BACKING ON STEEL CHANNELS. SEE SPECS.
  28. STEEL CHANNELS AT 24" O.C. SEE STRUCTURAL.
  29. METAL DRIP SCREED: FRY NO. DS-875 OR EQUAL.
  30. PREFINISHED METAL PANELS ON #15 FELT ON PLYWOOD DECK.
  31. 5/8" PLYWOOD DECK ON STEEL STRUCTURE.
  32. CAULK.
  33. R-30 BATT INSULATION LAID ON CEILING.
  34. 5/8" GYPSUM BOARD ON METAL STUDS PER ROOM FINISH SCHEDULE.
  35. 3-5/8" METAL STUDS @ 16" O.C.
  36. SUSPENDED CEILING PER ROOM FINISH SCHEDULE.
  37. CMU LINTEL. SEE STRUCTURAL.
  38. PREFINISHED METAL PANELS ATTACH TO METAL STUDS. PROVIDE METAL STUD BLOCKING @ 16" O.C.
  39. HOLLOW METAL FRAME WITH GLAZING.
  40. CLOSURE STRIP.
  41. PREFINISHED METAL FLASHING, SHAPE AS SHOWN.
  42. METAL STUCCO STOP.
  43. 1" STUCCO ON METAL LATH ON 5/8" GYPSUM SHEATHING ON METAL HAT CHANNELS @ 24" O.C. ON STEEL STUDS.
  44. REMOVE EXISTING ROOF OVERHANG TO FACE OF BUILDING. SEE FLOOR PLAN FOR LOCATION.
  45. BOX IN STEEL JOIST WITH GYPSUM BOARD ON METAL STUDS.
  46. 5/8" GYPSUM SHEATHING.
  47. GALVANIZED METAL REGLET AND FLASHING: FRY SPRINGLOK FLASHING SYSTEM OR EQUAL.
  48. ADHERED MEMBRANE FLASHING.
  49. FASTENER STRIP WITH FASTENERS PER MANUFACTURER'S RECOMMENDATIONS.
  50. MEMBRANE FLASHING WITH LAP SPLICE CEMENT.
  51. ROCK BALLAST.
  52. R-20 URETHANE INSULATION BOARD.
  53. METAL HAT CHANNELS AT 24" O.C. ATTACHED TO STEEL STUDS.
  54. 1-1/2" DIA. FOAM BACKING ROD.
  55. ADHERED MEMBRANE FLASHING APPLIED PER MANUFACTURER'S RECOMMENDATION FOR BUILT-UP ROOF TIE-IN.
  56. POURABLE SEALER.
  57. REPLACE EXISTING AGGREGATE.
  58. STUFF VOID WITH BATT INSULATION.
  59. METAL STUD BRACING AT 2'-8" O.C. ATTACHED TO STEEL STUD WALL.
  60. LINE OF EXISTING WALL.
  61. REMOVE EXISTING ROOFING AS RECOMMENDED FOR BUILT-UP ROOF TIE-IN.
  62. REMOVE EXISTING METAL FLASHING AS SHOWN.
  63. DOUBLE NESTED STUDS. ADJUST WIDTH TO FORM JOINT INDICATED.
  64. BACKING ROD.
  65. PREFINISHED METAL TRIM PIECE SHAPE AS SHOWN.
  66. INSULATED GLAZING AND STOP.
  67. HOLLOW METAL FRAME.
  68. TAPERED ROOF INSULATION. SEE ROOF PLAN.
  69. TREATED 2X4 NAILER ATTACHED TO CONCRETE ROOF DECK.
  70. TREATED 2X4 NAILER ATTACHED TO CONCRETE ROOF DECK.
  71. TREATED 1X4 NAILER ATTACHED TO CONCRETE ROOF DECK.
  72. EXISTING PRECAST CONCRETE ROOF PANEL.
  73. EXISTING ROOF INSULATION.
  74. EXTEND MEMBRANE FLASHING AND ADHERE TO ROOF DECK.
  75. MEMBRANE FLASHING.
  76. NOT USED.
  77. 2X SLOPED WOOD CONTINUOUS.
  78. 2X6 WOOD NAILER STRIP ATTACHED TO STEEL CHANNEL WITH WOOD SCREWS AT 24" O.C.
  79. COUNTERTOP.



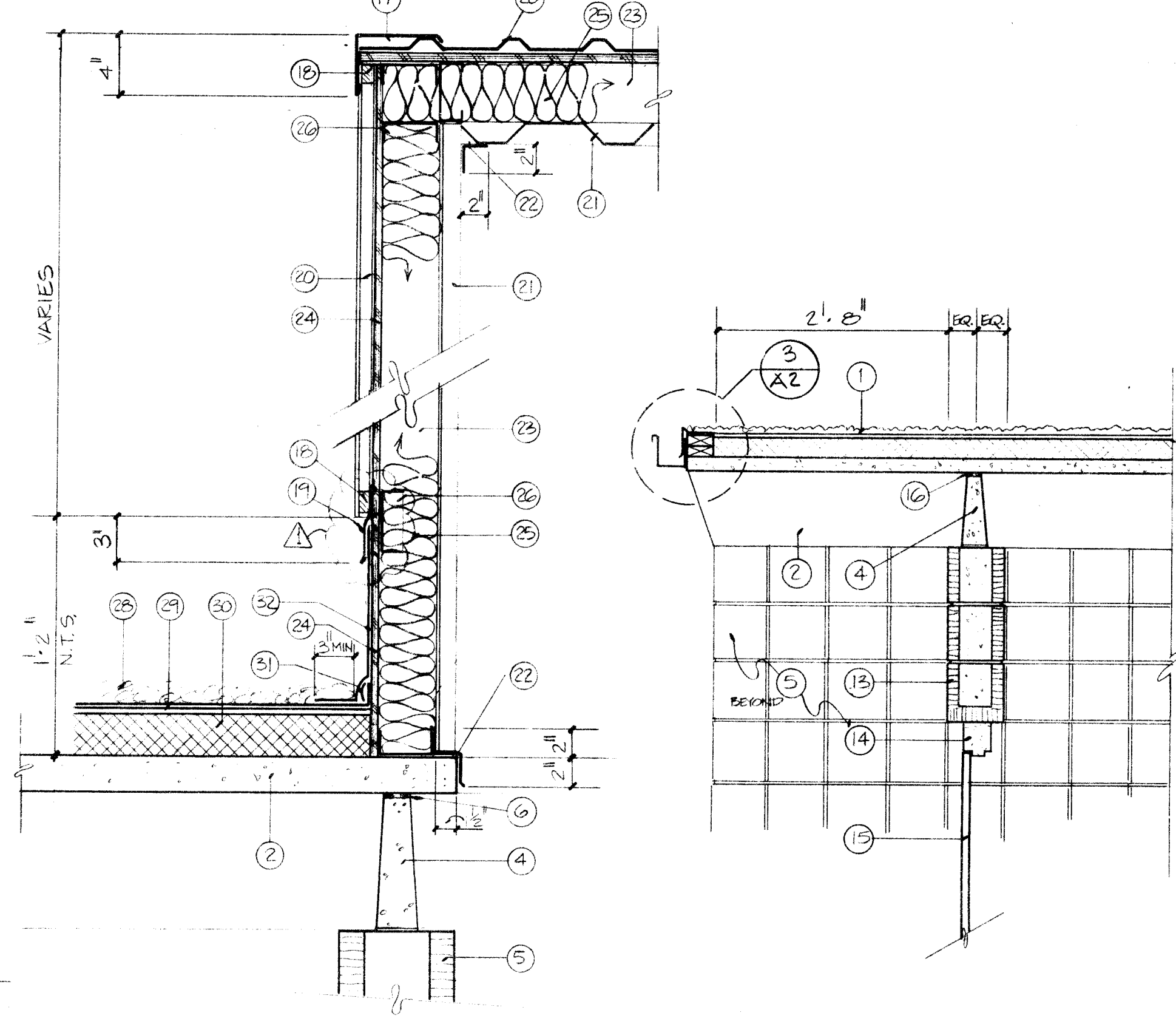
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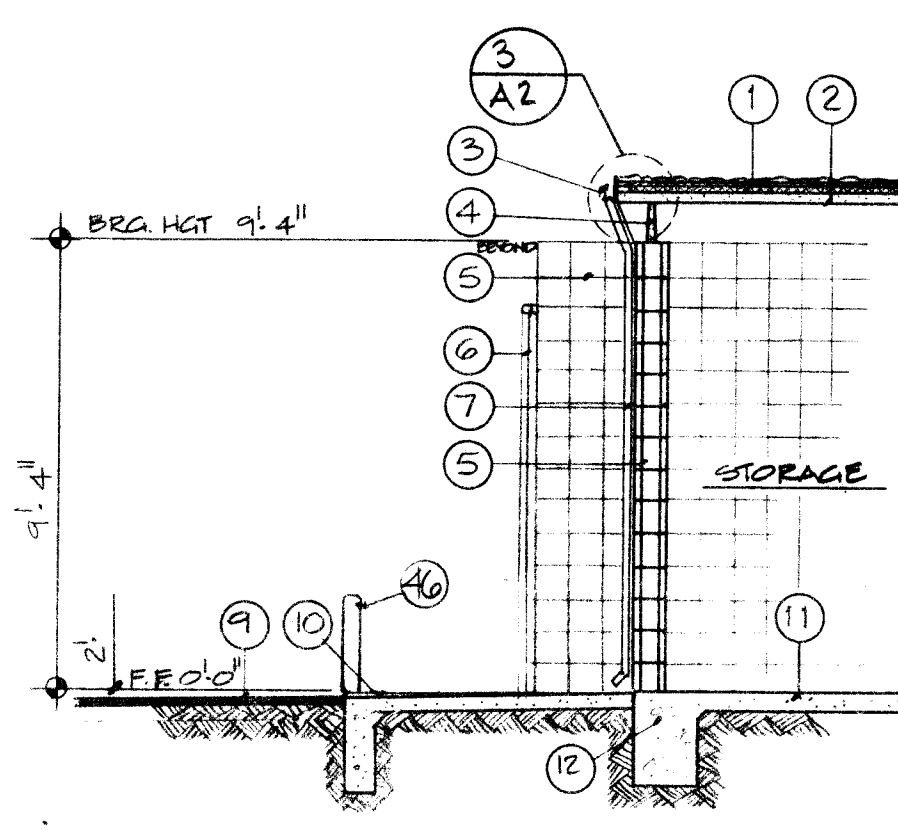




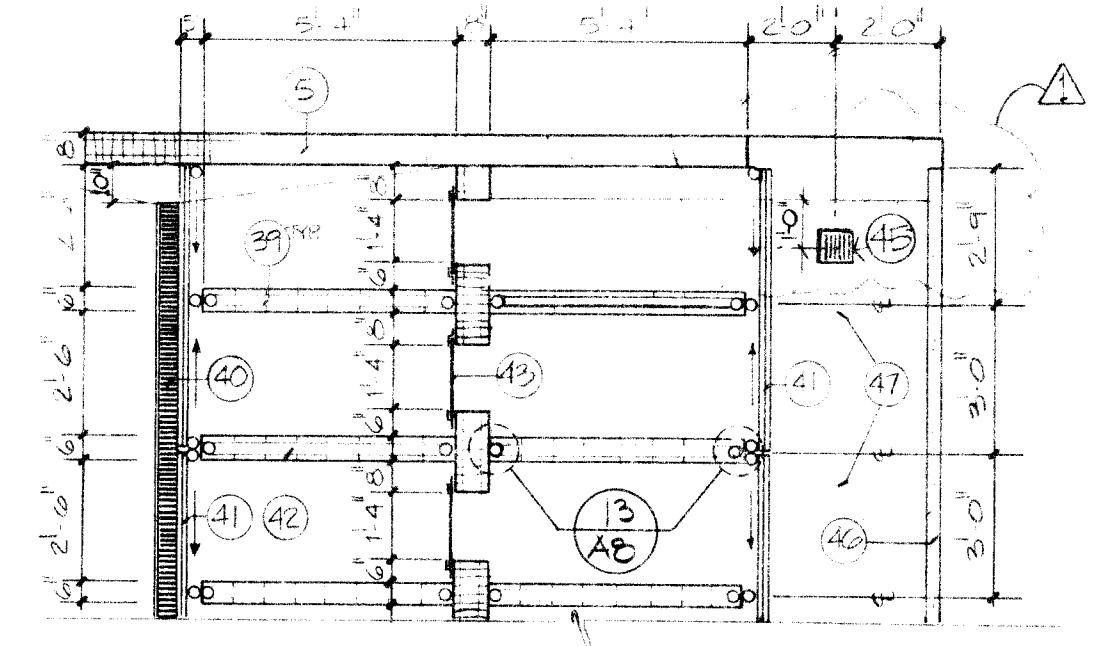
CLERESTORY SECTION 4  
1/2" = 1'-0"



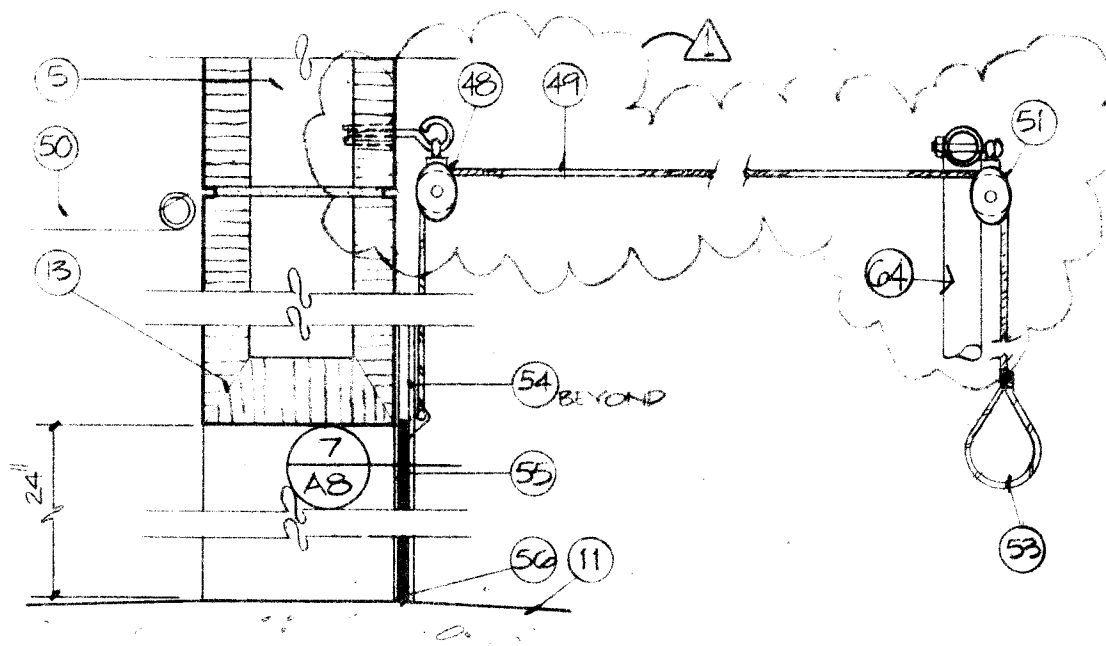
CLERESTORY SECTION 3  
1/2" = 1'-0"



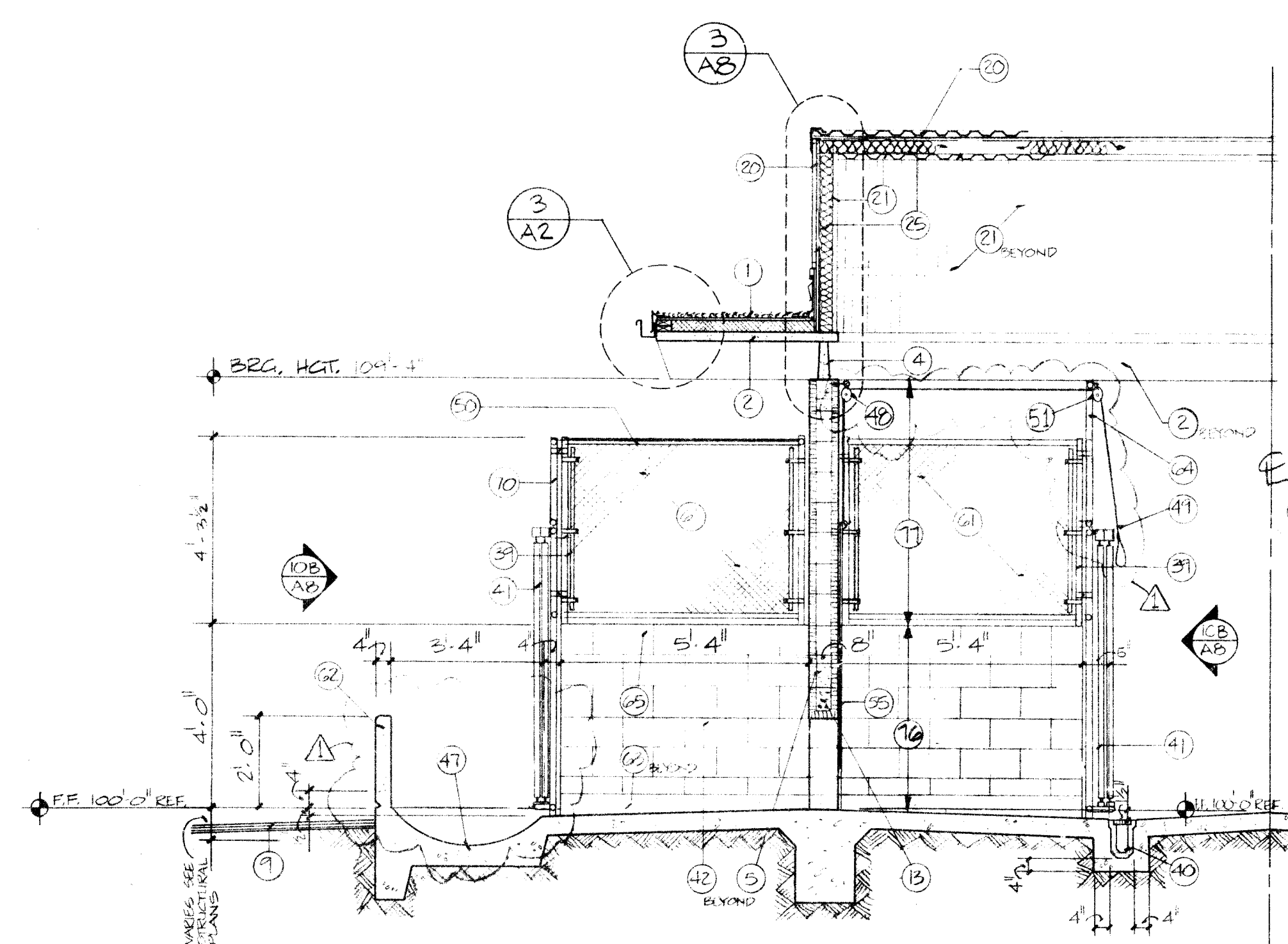
SECTION 1  
1/4" = 1'-0"



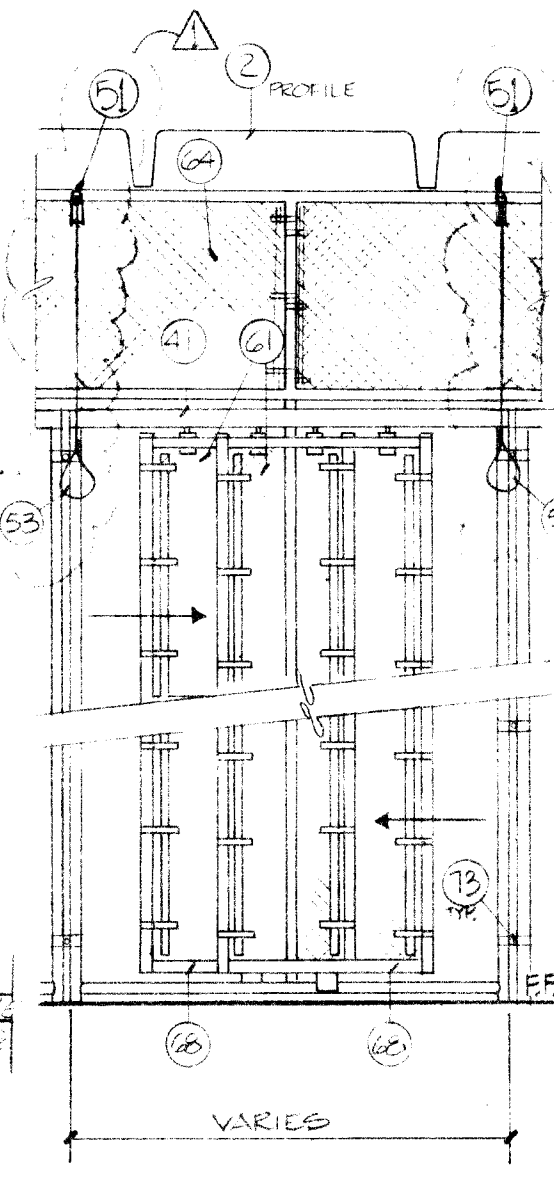
ENLARGED KENNEL PLAN 5  
1/4" = 1'-0"



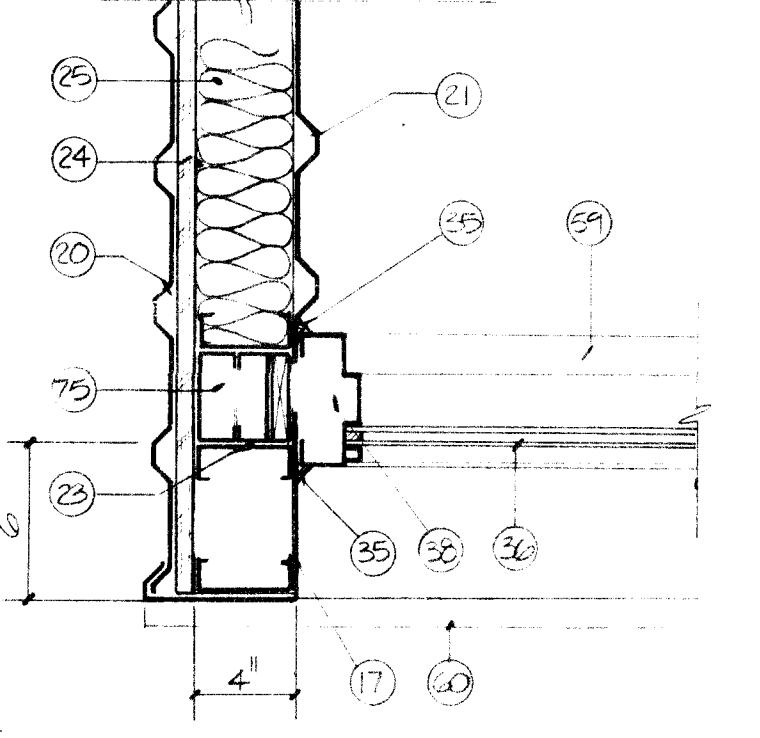
DETAIL DOOR MECHANISM 6  
1/2" = 1'-0"



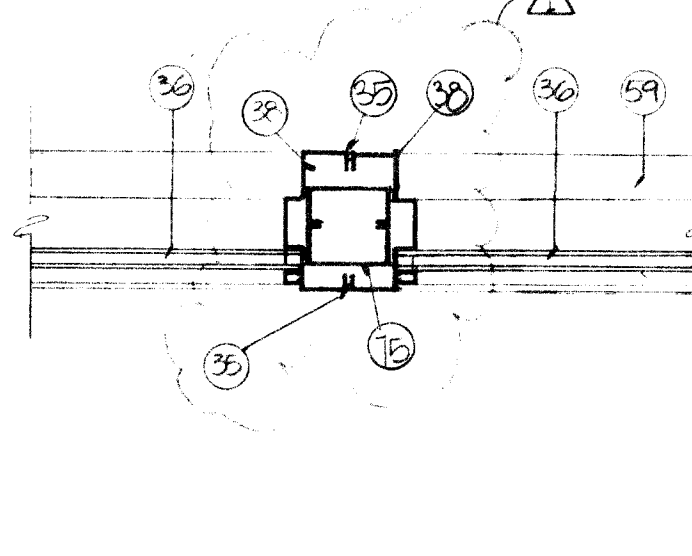
KENNEL SECTION (TYPICAL) 10  
3/8" = 1'-0"



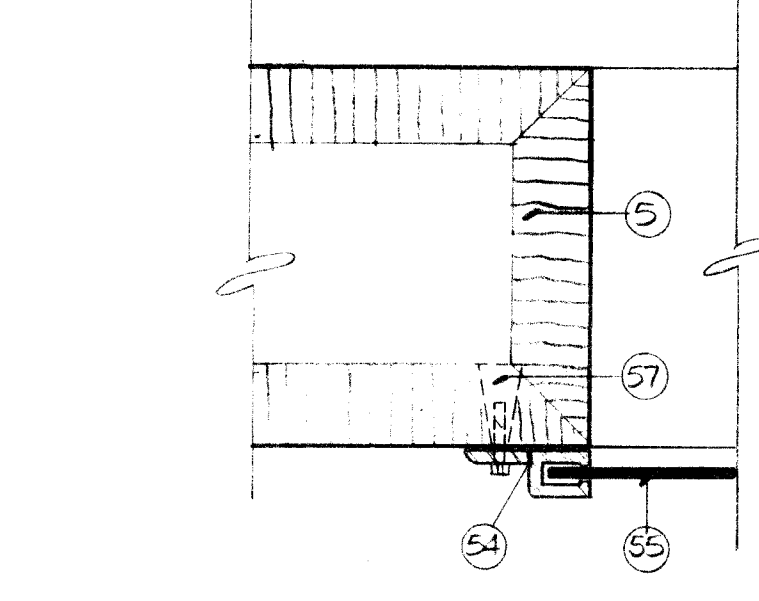
ELEVATION 10B  
3/8" = 1'-0"



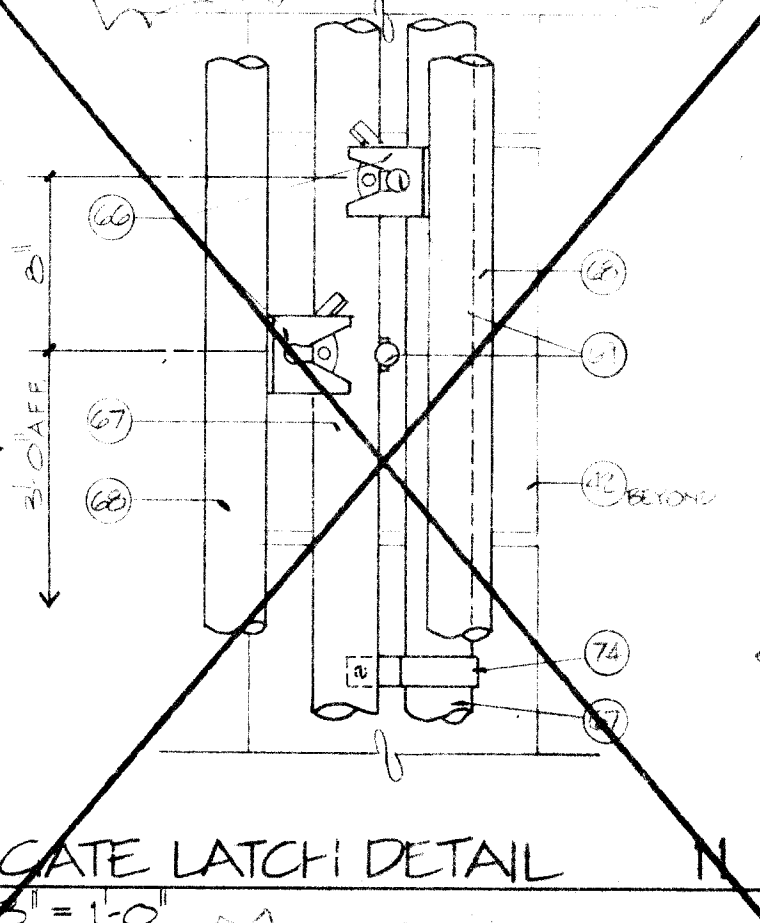
SECTION 9  
1/2" = 1'-0"



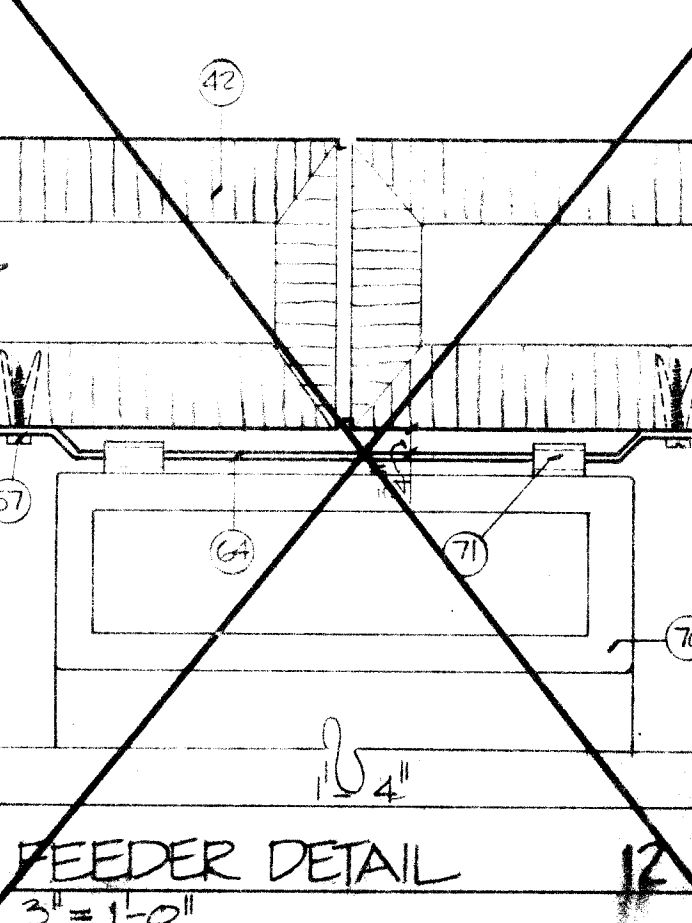
MULLION DETAIL 8  
1/2" = 1'-0"



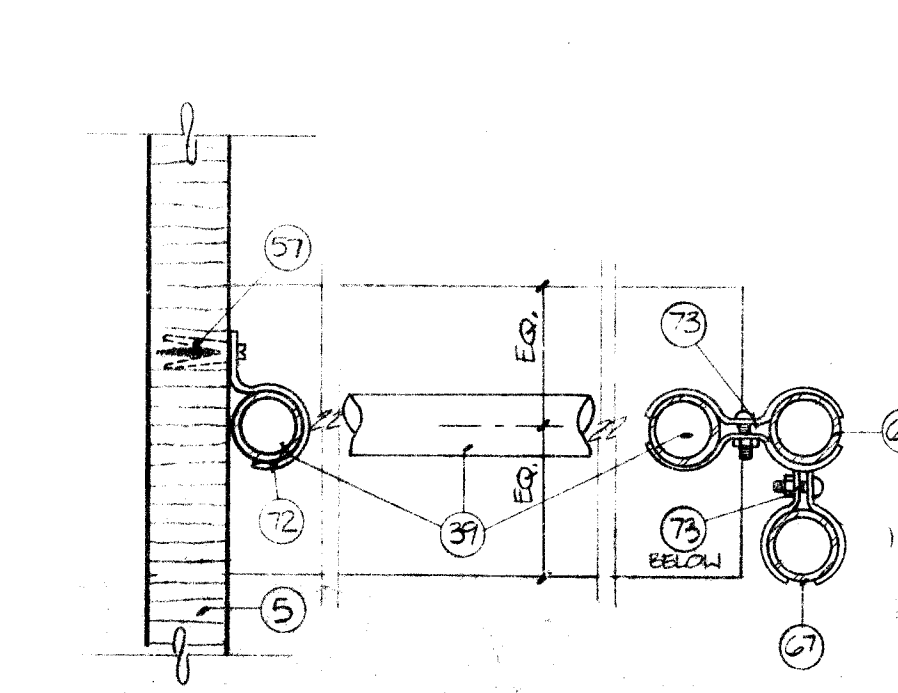
DOOR TRACK DETAIL 7  
3" = 1'-0"



GATE LATCH DETAIL 11  
1/2" = 1'-0"



FEEDER DETAIL 12  
3" = 1'-0"



PANEL CONNECTION DETAIL 13  
3" = 1'-0"

- KEYNOTES A8:
- MEMBRANE ROOFING ON INSULATION.
  - PRECAST CONCRETE ROOF PANEL.
  - PREFINISHED METAL GUTTER.
  - PRECAST CONCRETE CLOSURE PANEL. CAULK AT PERIMETER.
  - 8" SCORED CMU. FILL WITH LOOSE FILL INSULATION AT EXTERIOR WALLS. COORDINATE WITH STRUCTURAL.
  - KENNEL FENCING SYSTEM BEYOND.
  - 8" SCORED CMU CAP.
  - ASPHALT PAVING.
  - 4" CONCRETE SLAB. SEE FLOOR PLAN.
  - FLOOR SLAB.
  - CONCRETE FOUNDATION. SEE STRUCTURAL.
  - CMU LINTEL. SEE STRUCTURAL.
  - HOLLOW METAL FRAME.
  - DOOR.
  - CAULK PERIMETER OF CLOSURE PANEL FOR WATERTIGHT SEAL.
  - PREFINISHED METAL FLASHING SHAPE AS SHOWN.
  - CLOSURE STRIP.
  - PREFINISHED METAL FLASHING. SHAPE AS SHOWN.
  - PREFINISHED METAL ROOF PANEL ON #15 FELT ON PLYWOOD DECK.
  - PREFINISHED METAL PANEL AT INTERIOR. PROVIDE METAL STUD BLOCKING AT 16" O.C.
  - PREFINISHED METAL TRIM. SHAPE AS SHOWN.
  - 5/8" PLYWOOD ON STEEL STUDS.
  - STEEL STUD BLOCKING.
  - PREFINISHED METAL PANELS ON STEEL STUDS.
  - ROOF MEMBRANE.
  - R-20 URETHANE BOARD INSULATION.
  - FASTENER STRIP FASTENED PER ROOFING MANUFACTURER'S RECOMMENDATIONS.
  - ADHERED MEMBRANE FLASHING.
  - NOT USED.
  - WELD PLATE CAST IN CONCRETE ROOF PANEL. SEE STRUCTURAL.
  - CAULK.
  - INSULATED GLASS.
  - END WALL.
  - HOLLOW METAL FRAME.
  - KENNEL FENCING SYSTEM DIVIDER PANEL TYPICAL BETWEEN EACH RUN.
  - PRECAST POLYMER CONCRETE TRENCH WITH METAL GRATE. SLOPE FROM MID POINT OF TRENCH LENGTH TO DRAINS AT ENDS. SEE MECHANICAL FOR DRAIN LOCATIONS.
  - KENNEL SYSTEM DOUBLE TRACK SLIDE GATE.
  - 6" CMU DIVIDER PANELS TYPICAL BETWEEN EACH RUN. PROVIDE WITH CONCAVE MORTAR JOINTS. PAINT.
  - VERTICALLY SLIDING KENNEL RUN DOOR AND TRACK TYPICAL AT EACH RUN. SEE 6/A8.
  - DOOR WITH GRATE. SEE MECHANICAL.
  - CONCRETE WALL. SEE STRUCTURAL.
  - OPEN CONCRETE TROUGH. SLOPE TO DRAINS.
  - POLLEY ATTACHED TO CMU WALL WITH EYE BOLT AND EXPANSION ANCHOR.
  - 3/16" VINYL COATED PULL CABLE FROM KENNEL DOOR TO HAND LOOP.
  - TOP COVER WITH FENCE FABRIC TYPICAL AT EACH RUN. SUPPORT PER MANUFACTURER'S RECOMMENDATION.
  - POLLEY, BOTTOM TOP RAIL.
  - GATE UNIT SUPPORT PIPE.
  - HAND LOOP. TERMINATE AT 5'-6" A.F.F.
  - ALUMINUM VERTICAL SLIDING DOOR TRACK. ATTACH TO CMU WITH EXPANSION ANCHORS.
  - VERTICAL SLIDING KENNEL DOOR.
  - SHAPE DOOR BOTTOM FOR TIGHT FIT AT FLOOR.
  - EXPANSION ANCHORS PER MANUFACTURER'S RECOMMENDATION.
  - DOOR WITH GRATE COVER.
  - SILL BEYOND.
  - LINE OF ROOF ABOVE.
  - KENNEL FENCE FABRIC ATTACHED TO FRAME. CONCRETE WALL. SEE STRUCTURAL.
  - CONCRETE CURB. 1/4" RADIUS COVE AT FLOOR/WALL INTERSECTION. SEAL FLOOR AND SIDE OF CURB WITH CONCRETE SEALER (TYPICAL).
  - KENNEL FENCE PANEL ABOVE GATES. SUPPORT PER MANUFACTURER'S RECOMMENDATIONS.
  - DOOR WITH GRATE COVER.
  - SELF LOCKING LATCH WITH LOCK HASP WELDED TO GATE FRAME.
  - GATE SUPPORT FRAME ATTACHED TO RUN DIVIDER WALL.
  - SLIDING KENNEL GATE LEAF.
  - LATCH STRIKE WELDED TO GATE SUPPORT FRAME.
  - KENNEL FENCE PANEL ABOVE GATES. SUPPORT PER MANUFACTURER'S RECOMMENDATIONS.
  - NOT USED.
  - WALL CLAMP ATTACHED TO CMU WALL WITH EXPANSION ANCHOR.
  - SADDLE CLAMP.
  - WALL CLAMP AT GATE SUPPORT FRAME ATTACHED TO KENNEL RUN DIVIDER WALL.
  - DOUBLE STEEL STUD AT MULLIONS. SEE STRUCTURAL.
  - CMU IN RUNNING BOND W/ CONCAVE JOINTS WITHIN DOG RUNS.
  - SCORED CMU @ EXTERIOR.

1	2	3	4	5	6	7	8	9	10	11	12
26	20	00	02	1	8	7					

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**GREGORY T. HICKS & ASSOC.**  
The Sunshine Building  
Albuquerque, New Mexico 87102  
112 Second St. S.W.  
(505) 243-7492

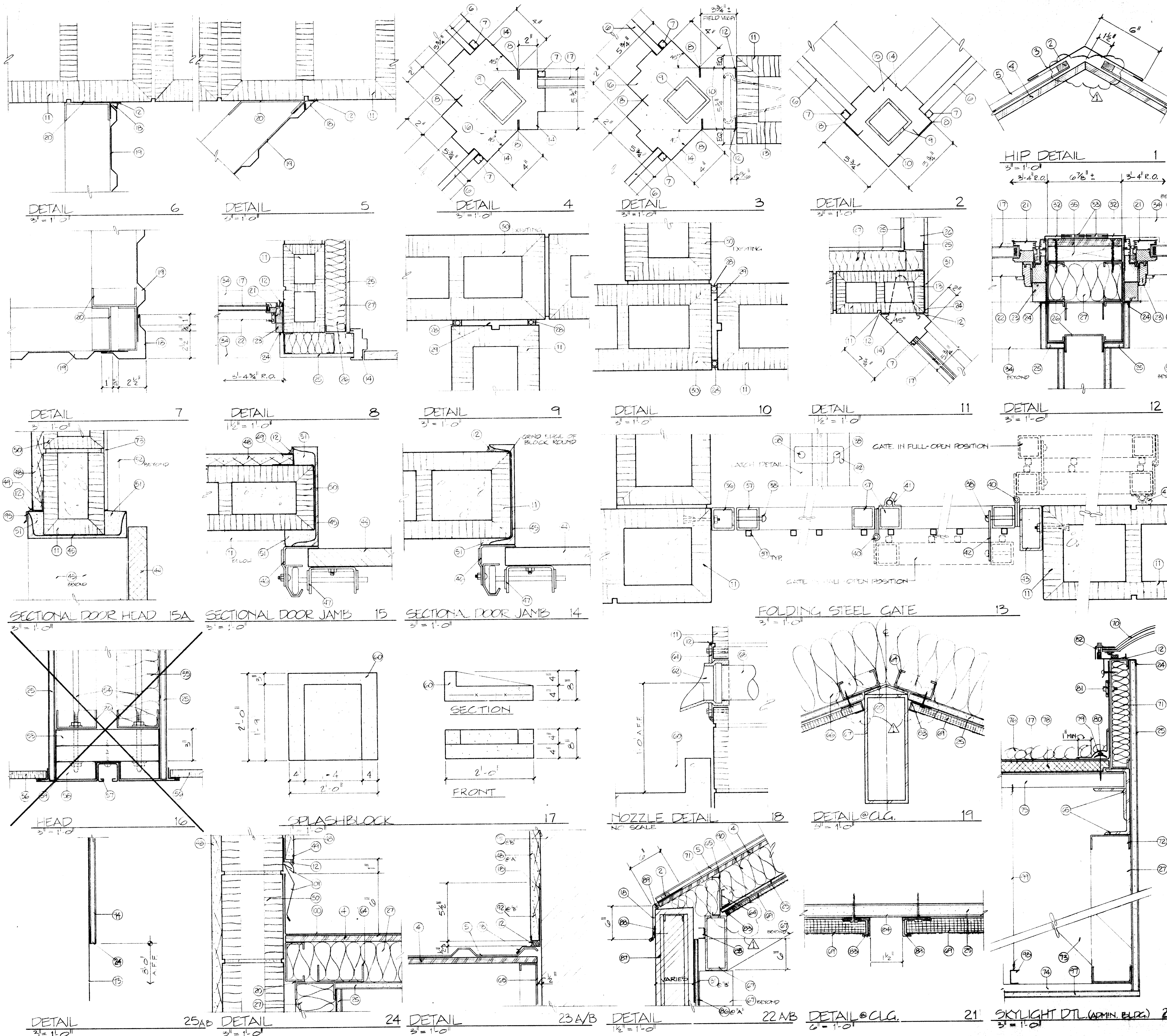
**CITY OF ALBUQUERQUE  
ANIMAL CONTROL CENTER EXPANSION**

SECTIONS,  
DETAILS

RECORD  
DRAWING  
REVISIONS

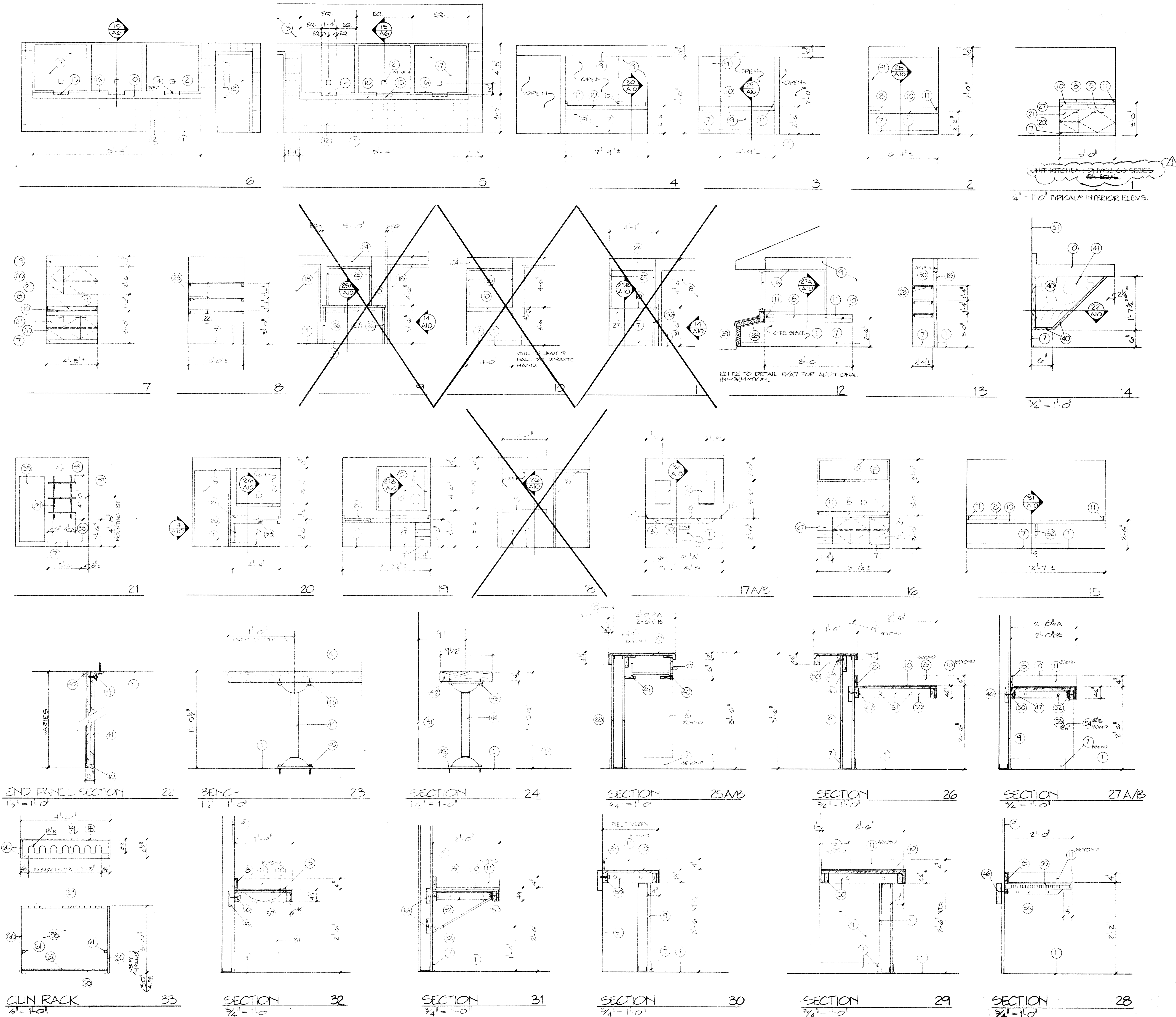
**A8**  
2-15-85





- KEYNOTES A9:**
1. GALVANIZED METAL CLOSURE STRIP.
  2. CLOSURE STRIP.
  3. PREFINISHED METAL RIDGE PIECE.
  4. 5/8" PLYWOOD DECK.
  5. PREFINISHED METAL ROOF PANEL ON #15 FELT ON PLYWOOD DECK.
  6. GLAZING. SEE FRAME ELEVATIONS.
  7. GLAZING STOP.
  8. FILL AT JOINT AND GRIND SMOOTH.
  9. STEEL COLUMN. SEE STRUCTURAL.
  10. HOLLOW METAL SECTION. WELD TO ADJACENT FRAME.
  11. 8" CMU.
  12. CAULK.
  13. MASONRY ANCHOR.
  14. HOLLOW METAL FRAME.
  15. GROUT FRAME SOLID ALL LOCATIONS EXCEPT RADIO ROOM.
  16. GROUT FRAME SOLID.
  17. INSULATED GLAZING.
  18. PREFINISHED METAL TRIM PIECE SHAPE AS SHOWN.
  19. PREFINISHED METAL PANELS TO MATCH ROOF PANELS ATTACHED TO STEEL STUDS. PROVIDE STEEL STUD BLOCKING AT 16" O.C.
  20. STEEL STUD. SEE STRUCTURAL.
  21. OPERABLE WINDOW UNIT.
  22. SCREEN.
  23. PAINT.
  24. INTERIOR WOOD AT WINDOW.
  25. 5/8" GYPSUM BOARD ON METAL STUDS.
  26. 3-5/8" METAL STUDS AT 16" O.C.
  27. R-11 BATT INSULATION.
  28. BACKING ROD AND CAULK.
  29. NEOPRENE JOINT. SEE STRUCTURAL.
  30. NEW OR EXISTING CMU AS IT OCCURS.
  31. 5/8" GYPSUM BOARD ADHERED TO SURFACE.
  32. ALUMINUM TRIM EXTENDER FINISH TO MATCH WINDOW UNIT.
  33. MULL EXPANDER. FINISH TO MATCH WINDOW UNIT.
  34. STILL BEYOND.
  35. WOOD BACKING SCREWED TO METAL STUDS.
  36. 2" SQ. X 1/8" STEEL TUBE ATTACHED TO CMU WALL WITH EXPANSION ANCHORS AT 2'-8" O.C.
  37. 2" SQ. X 1/8" STEEL TUBE FRAME.
  38. 1/4" DIA. STEEL STUD WITH ROUND HEAD WELDED TO FRAME.
  39. 5/8" SQ. TUBE PICKETS WELDED TO FRAME. SEE DOOR ELEV.
  40. 4-1/2" HEAVY DUTY STL. HINGE WELDED TO FRAME. 3 PER LEAF.
  41. ANGLE BOLT WELDED TO FRAME. PROVIDE STEEL SLEEVE IN CONCRETE AT CLOSED AND FULL OPEN CONDITIONS.
  42. HOLD OPEN DEVICE OF 1-1/2" X 1/8" STEEL. EASE ALL EDGES.
  43. 2" X 4" X 1/8" STEEL TUBE ANCHORED TO CMU WALL WITH EXPANSION ANCHORS AT 2'-8" O.C.
  44. SECTIONAL DOOR. SEE DOOR ELEVATIONS.
  45. ANCHORED STEEL CHANNEL. SEE STRUCTURAL. PAINT.
  46. DOOR TRACK WELDED TO JAMB CHANNEL.
  47. ROLLER ASSEMBLY.
  48. 1" STUCCO ON EXPANDED METAL LATH ON CMU.
  49. METAL STUCCO STOP.
  50. 6" CMU.
  51. PACK VOID WITH CEMENT GROUT FULL LENGTH.
  52. EXTEND ANCHORED STEEL CHANNEL ABOVE DOOR OPENING PER MANUFACTURER'S RECOMMENDATIONS.
  53. THRU 59. NOT USED.
  54. PRECAST CONCRETE SPLASH BLOCK WITH WWF 6X6 W 1/4" DIA. FLANGE.
  55. NOZZLE.
  56. PIPE FROM ROOF DRAIN OR OVERFLOW.
  57. METAL STUD BLOCKING.
  58. SEE STRUCTURAL.
  59. R-19 BATT INSULATION.
  60. EXPOSED STEEL TUBE. PAINTED.
  61. ALUMINUM MOLDING: FRY REGLET # FARM-875-75 OR EQUAL. PRE-FINISHED OR FIELD PAINTED TO ARCHITECT'S COLOR SAMPLE.
  62. ACOUSTICAL CEILING PANEL SUPPORTED BY ALUMINUM MOLDING.
  63. INSULATED SKYLIGHT DOME.
  64. FILL VOID WITH BATT INSULATION.
  65. WELD METAL STUD WALL TO BOTTOM OF STEEL MEMBER.
  66. 10" X 20" X 1/4" STEEL PLATE W/ 4 1/2" DIA. BOLTS CENTERED OVER DOOR. SEE NOTE 22 ON A7.
  67. SUSPENDED GYPSUM BOARD CEILING.
  68. STEEL ROOF DECK.
  69. ROCK BALLAST.
  70. ROOFING MEMBRANE.
  71. R-20 URETHANE BOARD INSULATION.
  72. MEMBRANE FLASHING.
  73. FASTENER STRIP FASTENED PER ROOF MANUFACTURER'S RECOMMENDATIONS.
  74. ZOWEWORKS SKYLIGHT REFLECTOR SUPPORT BRACKET OR EQUAL ATTACH TO CURB PER MANUFACTURER'S RECOMMENDATIONS.
  75. SKYLIGHT UNIT ATTACHED TO STEEL CURB. SEE SPECS.
  76. ALUMINUM MOLDING: FRY REGLET # JAM-875 OR EQUAL. PRE-FINISHED OR FIELD PAINTED PER ARCHITECT'S COLOR SAMPLE.
  77. PAINT GYPSUM BOARD REVEAL.
  78. METAL STUD WELDED TO STEEL TUBE. PAINT.
  79. REMOVE EXISTING STUCCO AND LATH. APPLY NEW METAL FURRING FASTENED WITH SCREWS TO EXISTING STUD WALL. FURRING TO BE FLUSH WITH CMU WALL SURFACE BELOW. APPLY ONE LAYER 5/8" GYPSUM BOARD TO FURRING.
  80. PARAPET/EXISTING STUD & STUCCO ASSEMBLY @ "A": CMU @ "B". CONT. 26 GA. GALV. METAL CLIP ATTACHED TO PARAPET WALL.
  81. 1" DIAMETER BACKING ROD.
  82. R-19 BATT INSULATION.
  83. EXISTING STUD WALL.
  84. REMOVE EXISTING STUCCO TO LATH AS REQUIRED TO INSTALL FLASHING. ATTACH FLASHING TO STUDS WITH SHEET METAL SCREWS. APPLY NEW LATH AND PATCH STUCCO. APPLY COLOR COAT PER ELEVATIONS.
  85. WALL SURFACE.
  86. GYP. BD. GLUED TO CMU AT "A". GYP. BD. ON METAL FURRING CHANNELS AT "B".
  87. 26 GA. GALVANIZED METAL DRIP EDGE.
  88. METAL STUD BRACING @ 32" O.C. EXTEND TO STRUCTURE ABOVE.
  89. METAL HAT CHANNELS @ 16" O.C.
  90. 1-1/2" 16 GA. COLD ROLLED CHANNELS @ 4'-0" O.C.
  91. 8 GA. HANGER WIRES @ 4'-0" O.C.
  92. ADHERED MEMBRANE ROOFING.
  93. REGLET AND FLASHING.





KEYNOTES A10:

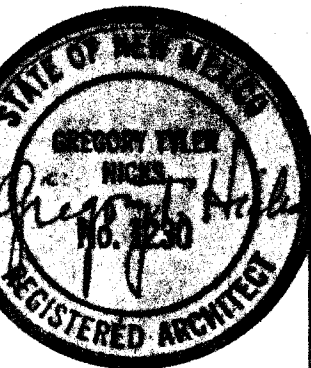
1. FINISH FLOOR.
2. TALK THRU: CREATIVE INDUSTRIES, INC., MDL. NO. 55, CLASS II, PROVIDE CUTOFF IN GLAZING AND MOUNT PER MANUFACTURER'S RECOMMENDATIONS.
3. SINK. SEE MECHANICAL.
4. 1-1/2" X 1-1/2" X 1/8" STEEL ANGLE PAINTED TO MATCH WOOD. ATTACH TO END PANEL WITH COUNTERSUNK WOOD SCREWS AT 8" O.C. ATTACH TO CONCEALED BLOCKING IN WALL WITH 2- 3/8" DIA. LAG SCREWS.
5. NOT USED.
6. NOT USED.
7. VINYL BASE PER ROOM FINISH SCHEDULE.
8. BACK SPLASH WITH PLASTIC LAMINATE AT ALL EXPOSED SURFACES.
9. WALL FINISH PER ROOM FINISH SCHEDULE.
10. COUNTERTOP WITH PLASTIC LAMINATE AT ALL EXPOSED SURFACES ON 3/4" PLYWOOD.
11. END SPLASH WITH PLASTIC LAMINATE AT ALL EXPOSED SURFACES.
12. SCORED CMU, PAINTED.
13. GYPSUM BOARD ADHERED TO CMU WALL.
14. EXTEND GLAZING TO TOP OF DEAL TRAY.
15. PASS THROUGH DEAL TRAY.
16. HOLLOW METAL ASSEMBLY, PAINT.
17. 1/4" MAR-RESISTANT POLYCARBONATE GLAZING.
18. DOOR AND FRAME.
19. GYPSUM BOARD ON METAL STUDS FURR DOWN ABOVE CABINET.
20. ADJUSTABLE SHELF INSIDE CABINET.
21. BIRCH FACED CABINET DOOR WITH PULL HARDWARE TYPICAL.
22. 24" DEEP SHELVES FROM 3/4" PLYWOOD WITH WOOD NOSING, PAINT.
23. 1X2 PINE LEDGER SUPPORTS AT BACK AND SIDES OF SHELVES, PAINT.
24. NOT USED.
25. NOT USED.
26. BIRCH FACED END SUPPORT PANEL.
27. BIRCH FACED DRAWER WITH PULL HARDWARE TYPICAL.
28. GYPSUM BOARD ON METAL STUDS.
29. R-11 BATT INSULATION.
30. 18" DEEP SHELVES FROM 3/4" PLYWOOD WITH WOOD NOSING, PAINT.
31. LINE OF WALL.
32. CENTER SUPPORT BRACKET FROM 3/16" X 3" W STEEL. ATTACH TO WALL BLOCKING AND COUNTERTOP THROUGH STEEL ANGLE FRAME WITH 3/8" DIA. LAG SCREWS, ONE AT EACH CONNECTION, PAINT.
33. WALL MOUNTED MIRROR. SEE SPECS.
34. UNDER-COUNTER MOUNTED WASTE RECEPTACLE.
35. HOT WATER HEATER. SEE MECHANICAL.
36. 3/4" X 12" PLYWOOD SHELVES, PAINT.
37. MOP HOLDER. SEE MECHANICAL.
38. MOP BASIN. SEE MECHANICAL.
39. STANDARDS WITH SHELF BRACKETS: KNAPE & VOGT: NO. 87 STANDARD; NO. 186 SLOT BRACKET OR EQUAL.
40. BIRCH TRIM.
41. END SUPPORT PANEL FROM 2 LAYERS 3/4" BIRCH PLYWOOD, LAMINATED.
42. LOCKER ROOM BENCH FROM LAMINATED MAPLE. EASE ALL EDGES AND SEAL WITH POLYURETHANE. ATTACH TO PEDESTALS.
43. 1/4" DIA. LAG SCREWS INTO BENCH.
44. BENCH PEDESTAL: REPUBLIC STEEL OR EQUAL. TWO PER BENCH.
45. ATTACH BASE TO FLOOR WITH FASTENERS PER PEDESTAL MANUFACTURER'S RECOMMENDATIONS.
46. 2X WOOD BLOCKING FASTENED BETWEEN STUDS.
47. 3/8" DIA. LAG SCREWS INTO BLOCKING.
48. NOT USED.
49. WOOD CABINET FRAMING.
50. 2X4 FRAME ALL FOUR SIDES AND 24" O.C. SUPPORT FRAME AT ENDS AND BACK WALL WITH 3/8" DIA LAG SCREWS AT 16" O.C. MAXIMUM, PAINT.
51. SUPPORT FRAME END WITH 3/8" DIA. LAG SCREWS AT 16" O.C. THROUGH STEEL ANGLE FRAME OF ADJACENT COUNTERTOP ASSEMBLY. SEE 27B/A10.
52. THREE SIDED WELDED FRAME FROM 2"X 3"X 1/8" STEEL ANGLE. ATTACH TO 2X4 FRAME WITH 3/8" DIA. LAG SCREWS AT 16" O.C. MAXIMUM, PAINT.
53. EXTEND ANGLE FRAME TO WALL TO PROVIDE SUPPORT FOR ADJACENT COUNTERTOP ASSEMBLY. SEE 26/A10.
54. DRAWER UNIT AT "B".
55. COUNTERTOP TOP OF PLASTIC LAMINATE ON TOP AND FRONT FACE OF SOLID CORE DOOR PANEL. PAINT UNDER SIDE.
56. 1X2 PINE LEDGER AT BACK AND ENDS SCREWED TO BLOCKING WITH WOOD SCREWS AT 16" O.C. MAXIMUM, PAINT.
57. ATTACH WASTE RECEPTACLE TO 2X4 FRAMING.
58. 3/4" BIRCH VENEER PLYWOOD BACK WITH BIRCH VENEER AT EDGES, STAIN AND SEAL ENTIRE RACK. MOUNT RACK WITH SCREWS THROUGH BACK TO CONCEALED BLOCKING.
59. 1X8 BIRCH NOTCHED AS SHOWN.
60. 1X10 BIRCH SIDES AND BOTTOM.
61. PROVIDE LOCK HASP WITH CHAIN FULL WIDTH OF RACK TO RUN THROUGH RIFLE TRIGGER GUARDS.
62. CARPET GLUED TO SURFACE. PROVIDE METAL CARPET EDGE TRIM AT FRONT OF RACK.

GENERAL NOTES:

1. FIELD VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION.

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**GREGORY T. Hicks & ASSOC.**  
The Sunshine Building  
Albuquerque, New Mexico 87102  
112 Second St. S.W.  
(505) 243-7492

**CITY OF ALBUQUERQUE**  
**ANIMAL CONTROL CENTER EXPANSION**

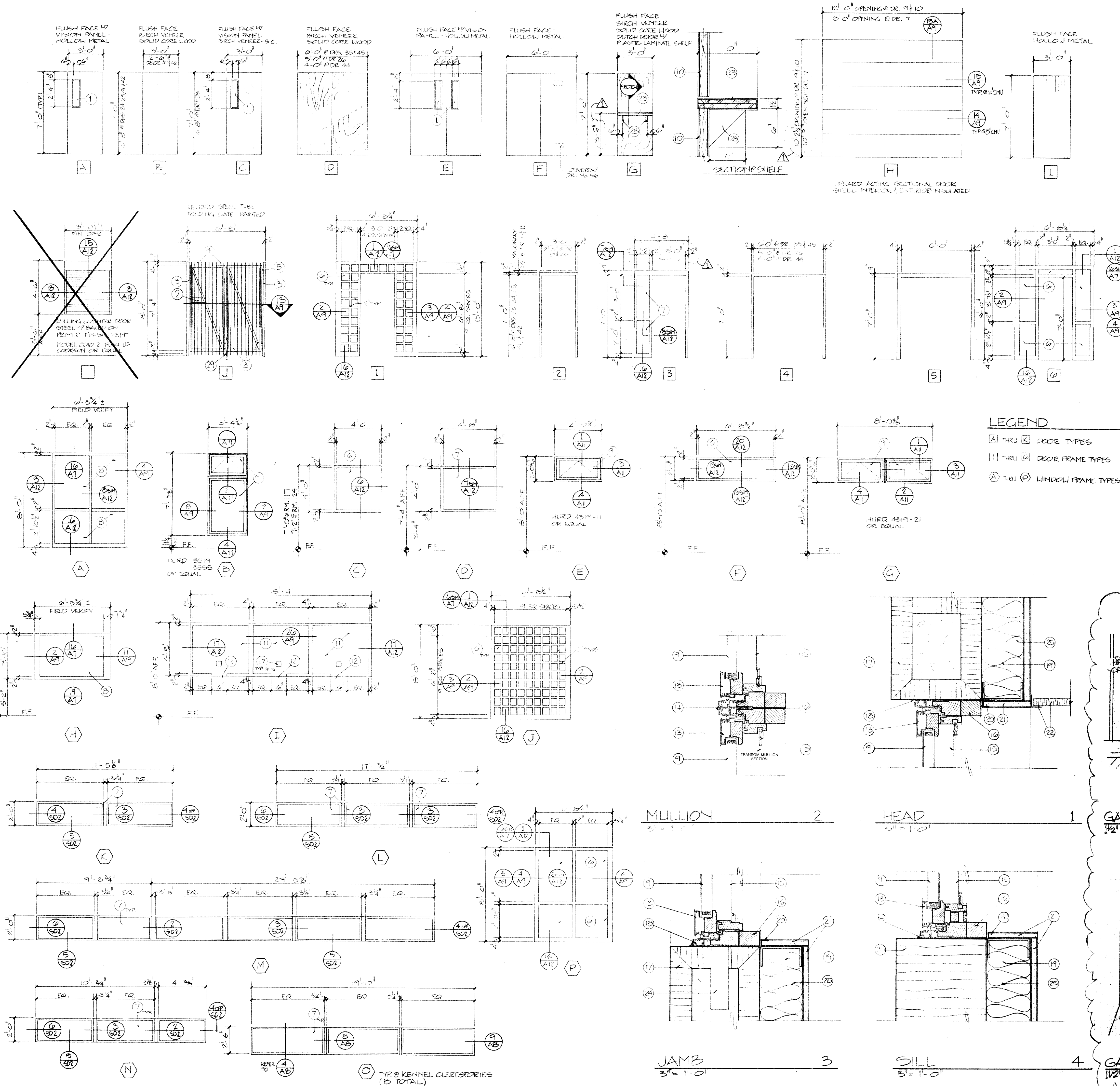
INTERIOR  
ELEVATIONS,  
DETAILS

RECORD  
DRAWING  
REVISIONS

**A10**

2-15-85



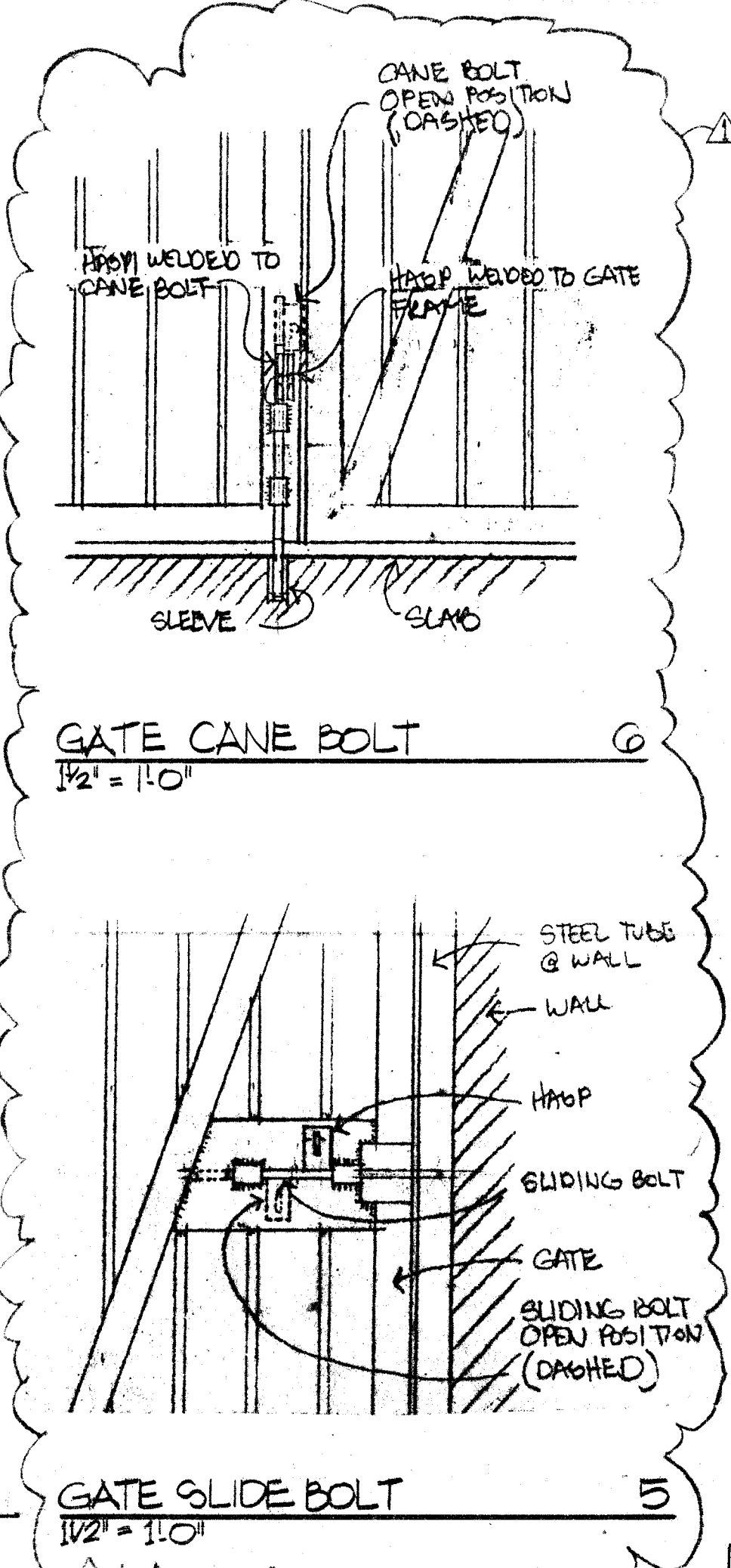


# DOOR SCHEDULE

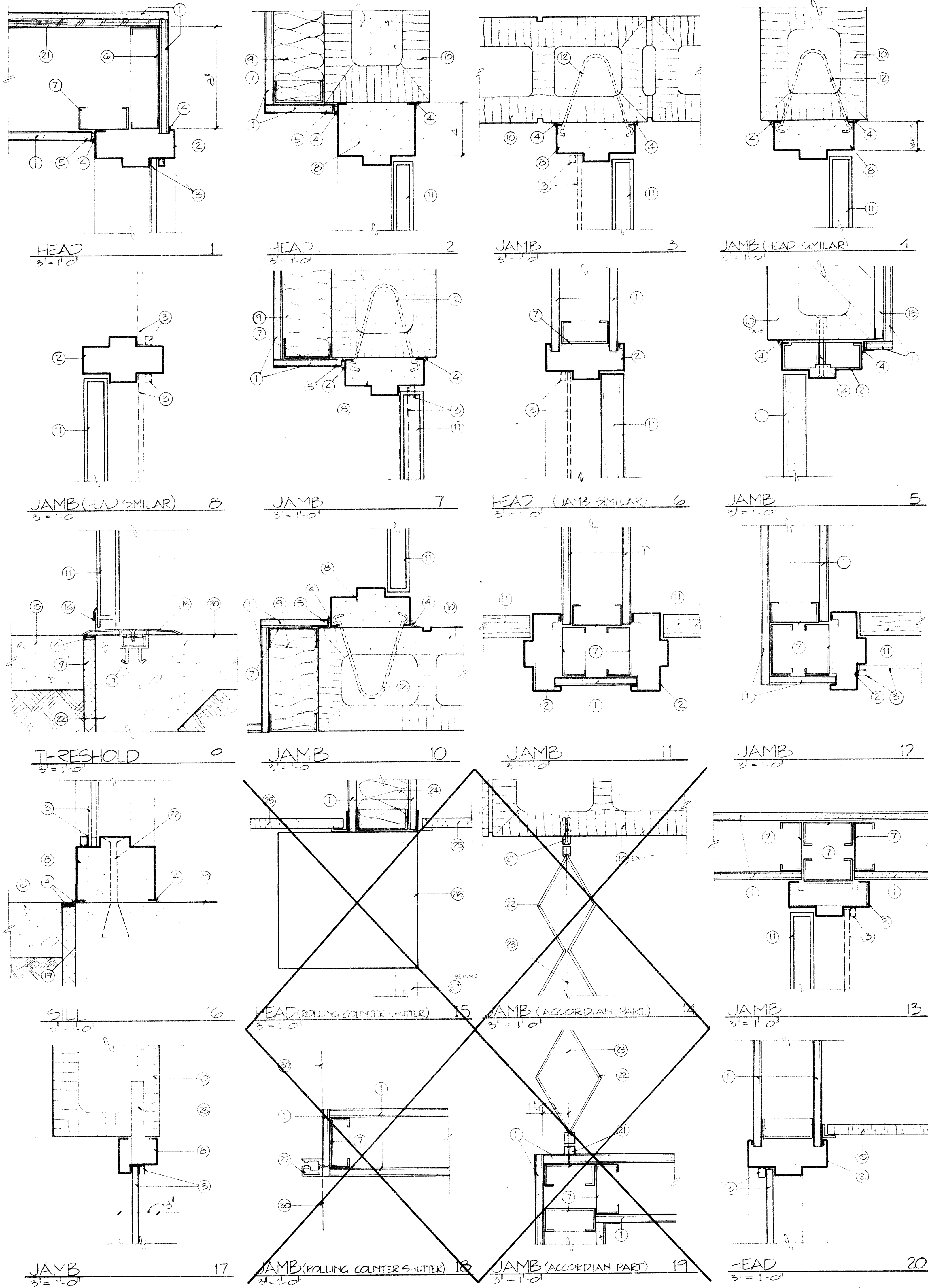
DOOR NO.	DOOR SIZE	HARDWARE SET NO.	TYPE	FRAME	DETAIL REFERENCE	REMARKS
1	3'0" x 7'0"	1	A	1	8 8 9	INSULATED
2	3'0" x 7'0"	2	A	6	8 8 9	INSULATED
3	3'0" x 7'0"	2	A	6	8 8 9	INSULATED
4	3'0" x 7'0"	1	A	6	8 8 9	INSULATED
5	3'0" x 7'0"	3	A	2	7 10 9	INSULATED
6	3'0" x 7'0"	3	A	2	6/AS 3 7 9	INSULATED
7	3'0" x 7'0"	1	H	2	SEE DOOR ELEV.	SECTIONAL DOOR
8	3'0" x 7'0"	1	H	2	SEE DOOR ELEV.	SECTIONAL DOOR
9	3'0" x 7'0"	1	H	2	SEE DOOR ELEV.	SECTIONAL DOOR
10	3'0" x 7'0"	1	H	2	SEE DOOR ELEV.	SECTIONAL DOOR
11	3'0" x 7'0"	3	A	2	3 4 9	INSULATED
12	3'0" x 7'0"	3	A	2	8 10 9	INSULATED
13	3'0" x 7'0"	15	J	3	SEE DOOR ELEV.	STEEL GATE, PAINTED
14	NOT USED					
15	3'0" x 7'0"	5	B	2	6 6 6	45 MIN. RATED
16	3'0" x 7'0"	6	B	2	6 6 6	45 MIN. RATED
17	3'0" x 7'0"	5	B	2	6 6 6	45 MIN. RATED
18	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
19	NOT USED					
20	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
21	3'0" x 7'0"	4	B	2	5SIM 5	45 MIN. RATED
22	3'0" x 7'0"	7	C	2	4 4 4	45 MIN. RATED
23	3'0" x 7'0"	7	C	2	4 4 4	45 MIN. RATED
24	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
25	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
26	3'0" x 7'0"	8	D	4	6 6 6	45 MIN. RATED
27	3'0" x 7'0"	4	C	2	6 6 6	45 MIN. RATED
28	3'0" x 7'0"	7	C	2	6 6 6	45 MIN. RATED
29	NOT USED					
30	3'0" x 7'0"	4	G	2	6 6 6	45 MIN. RATED
31	NOT USED					
32	3'0" x 7'0"	4	G	2	6 6 6	45 MIN. RATED
33	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
34	NOT USED					
35	3'0" x 7'0"	8	D	4	6 6 6	45 MIN. RATED
36	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
37	3'0" x 7'0"	9	B	2	6 6 6	45 MIN. RATED
38	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
39	3'0" x 7'0"	4	B	2	6 6 6	45 MIN. RATED
40	3'0" x 7'0"	7	C	2	6 6 6	45 MIN. RATED
41	3'0" x 7'0"	10	B	2	6 6 6	45 MIN. RATED
42	3'0" x 7'0"	10	B	2	6 6 6	45 MIN. RATED
43	3'0" x 7'0"	11	C	2	6 6 6	45 MIN. RATED
44	3'0" x 7'0"	8	D	4	6 6 6	45 MIN. RATED
45	3'0" x 7'0"	9	B	2	6 6 6	45 MIN. RATED
46	3'0" x 7'0"	9	B	2	6 6 6	45 MIN. RATED
47	3'0" x 7'0"	9	B	2	6 6 6	45 MIN. RATED
48	NOT USED					
49	NOT USED					
50	NOT USED					
51	3'0" x 7'0"	16	A	2	4 4 9	INSULATED
52	3'0" x 7'0"	12	E	5	4 4 9	INSULATED
53	3'0" x 7'0"	13	F	5	4 4 9	INSULATED
54	3'0" x 7'0"	13	F	5	4 4 9	INSULATED
55	3'0" x 7'0"	13	F	5	4 4 9	INSULATED
56	3'0" x 7'0"	13	F	5	4 4 9	INSULATED
57	3'0" x 7'0"	13	F	5	4 4 9	INSULATED
58	NOT USED					
59	3'0" x 7'0"	14	I	2	4 4 9	INSULATED; ALT. NO. 2

GENERAL NOTES:

1. SINGLE DIGIT DETAIL REFERENCES REFER TO DETAILS THAT APPEAR ON THIS SHEET.







ROOM	FLOOR	BASE	WALLS	EAST	SOUTH	WEST	CEILING	HEIGHT FT.-IN.	REMARKS
101 LUNCH	C	V	EX	EX	GB	GB/EX	AT	8'0"	
102 CONFERENCE	C	V	EX	EX	GB	GB	AT	8'0"	
103 CLOSET	V	V	GB	EX	GB	GB	GB	8'0"	
104 SECRETARY	V	V	GB/EX	GB	GB	GB	AT/FGB	8'0"	
105 SAFE	V	V	EX	EX	GB	GB	GB	8'0"	
106 TELEPHONE	V	V	GB	EX	GB	GB	GB	8'0"	
107 HALL	V	V	GB/EX	EX	GB/EX	GB/EX	AT	8'0"	NOTE #3
108 STORAGE	V	V	EX	EX	GB	GB	AT	8'0"	NOTES #2 & 3
109 OFFICE	C	V	GB	EX	EX	EX	AT	8'0"	
110 OFFICE	C	V	EX	EX	GB/EX	GB	EX	8'0"	
110A CLOSET	V	V	GB	GB	GB	GB	GB	8'0"	
110B CLOSET	V	V	GB	EX	CMU	EX	GB	8'0"	NOTE #1
111 WAITING	C	V	GB/EX	GB	CMU	EX	AT/FGB	8'0"	
112 PUBLIC ENTRY	EA	NONE	EX/CMU/GB	GL/GB	CMU/GB	CMU/GB	AP/ES	VARIES	GB @ Walls above 8'
113 VESTIBULE	EA	NONE	GL	GL	GL	GL	GB	8'0"	
114 VESTIBULE	EA	NONE	GL	GL	GL	GL	GB	8'0"	
115 FRONT OFFICE	C	V	CMU	GB	GB	GB	AT/FGB	8'0"	
116 OFFICE	C	V	GB	GB	GB	GB	AT	8'0"	
117 OFFICE	C	V	GB	GB	GB	GB	AT	8'0"	
118 CLOSET	V	V	GB	GB	GB	GB	GB	8'0"	
119 RECORDS	C	V	GB	GB	CMU	GB	AT	8'0"	
120 HALL	V	V	GB	GB	GB	GB	AT/GB	8'0"	
121 RADIO ROOM	C	V	GB	GB	CMU	GB/GL	AT	8'0"	
122 OFFICE	V	V	CMU	GB	GB	GB	AT/GB	8'0"	
123 CLOSET	V	V	GB	GB	GB	GB	GB	8'0"	
124 BRIEFING	V	V	GB	GB	GB	GB	AT	8'0"	
125 HALL	V	V	CMU	GB	GB	GB	GB	VARIES	
126 JANITOR	EC	V	GB	GB	GB	GB	GB	8'0"	NOTE #2
127 LOCKER ROOM	CT	V	GB	GB	GB	GB	GB/FGB	8'0"	NOTE #4
128 WOMEN	CT	V	GB	GB	GB	GB	GB/FGB	8'0"	NOTE #4
129 SHOWERS	CT	V	GB	GB	GB	GB	GB/FGB	8'0"	NOTE #4
130 SHOWERS	CT	V	GB	GB	GB	GB	GB/FGB	8'0"	NOTE #4
131 MEN	CT	V	GB	GB	GB	GB	GB/FGB	8'0"	NOTE #4
132 LOCKER ROOM	CT	V	GB	GB	GB	GB	GB	8'0"	NOTE #4
133 HALL	V	V	GB	GB	GB	GB	AT/GB	8'0"	
134 OFFICE	C	V	GB	GB	GB	GB	AT/GB	8'0"	
135 CLOSET	V	V	GB	GB	GB	GB	GB	7'6"	
136 OFFICE	V	V	GB	GB	CMU	GB	AT	8'0"	
137 ENTRY	V	V	GB	GB	GB	GB	AT	8'0"	
138 IMPOUND CLERK	V	V	CMU	GB	GB	GB	AT	8'0"	
139 WALK-IN IMPND.	EC	NONE	CMU	CMU	CMU	CMU	ST	8'0"	
140 IMPOUND	EC	NONE	CMU/EX/GB	CMU/EX/GB	CMU	CMU	ES	VARIES	

- KEYNOTES A12:
1. GYPSUM BOARD.
  2. HOLLOW METAL FRAME. PROVIDE ANCHORS AT JAMB CONDITION. PAINT.
  3. GLAZING AND STOP AS THEY OCCUR.
  4. CAULK.
  5. DRYWALL TRIM.
  6. STEEL CHANNEL. SEE STRUCTURAL.
  7. 3-5/8" METAL STUD.
  8. HOLLOW METAL FRAME. GROUT SOLID. PAINT.
  9. BATT INSULATION.
  10. CMU.
  11. DOOR PER DOOR SCHEDULE.
  12. MASONRY ANCHOR AT JAMB CONDITION.
  13. METAL HAT CHANNELS ATTACHED TO EXISTING WALL.
  14. MASONRY ANCHOR FOR INSTALLATION IN EXISTING WALLS.
  15. EXTERIOR CONCRETE SLAB.
  16. DOOR BOTTOM WEATHERSTRIP. SEE SPECS.
  17. THRESHOLD ANCHOR SET IN CONCRETE.
  18. METAL THRESHOLD SET IN MASTIC. SEE SPECS.
  19. R-4 PERIMETER INSULATION AT DOORS TYPICAL. THICKNESS AS SHOWN.
  20. INTERIOR FLOOR SLAB WITH FINISH PER ROOM FINISH SCHEDULE.
  21. 5/8" PLYWOOD ON METAL CHANNELS.
  22. EXPANSION ANCHOR INTO CONCRETE.
  23. MASONRY ANCHOR.
  24. NOT USED.
  25. SUSPENDED ACOUSTICAL CEILING.

ROOM FINISH SCHEDULE LEGEND

FLOORING:

- C = CARPET.
- V = RESILIENT FLOORING.
- EC = EXPOSED CONCRETE WITH SEALER.
- SV = SHEET VINYL.
- EA = EXPOSED AGGREGATE CONCRETE WITH SEALER.
- CT = CERAMIC TILE.

BASE:

- CT = CERAMIC TILE.
- CT = CERAMIC TILE.

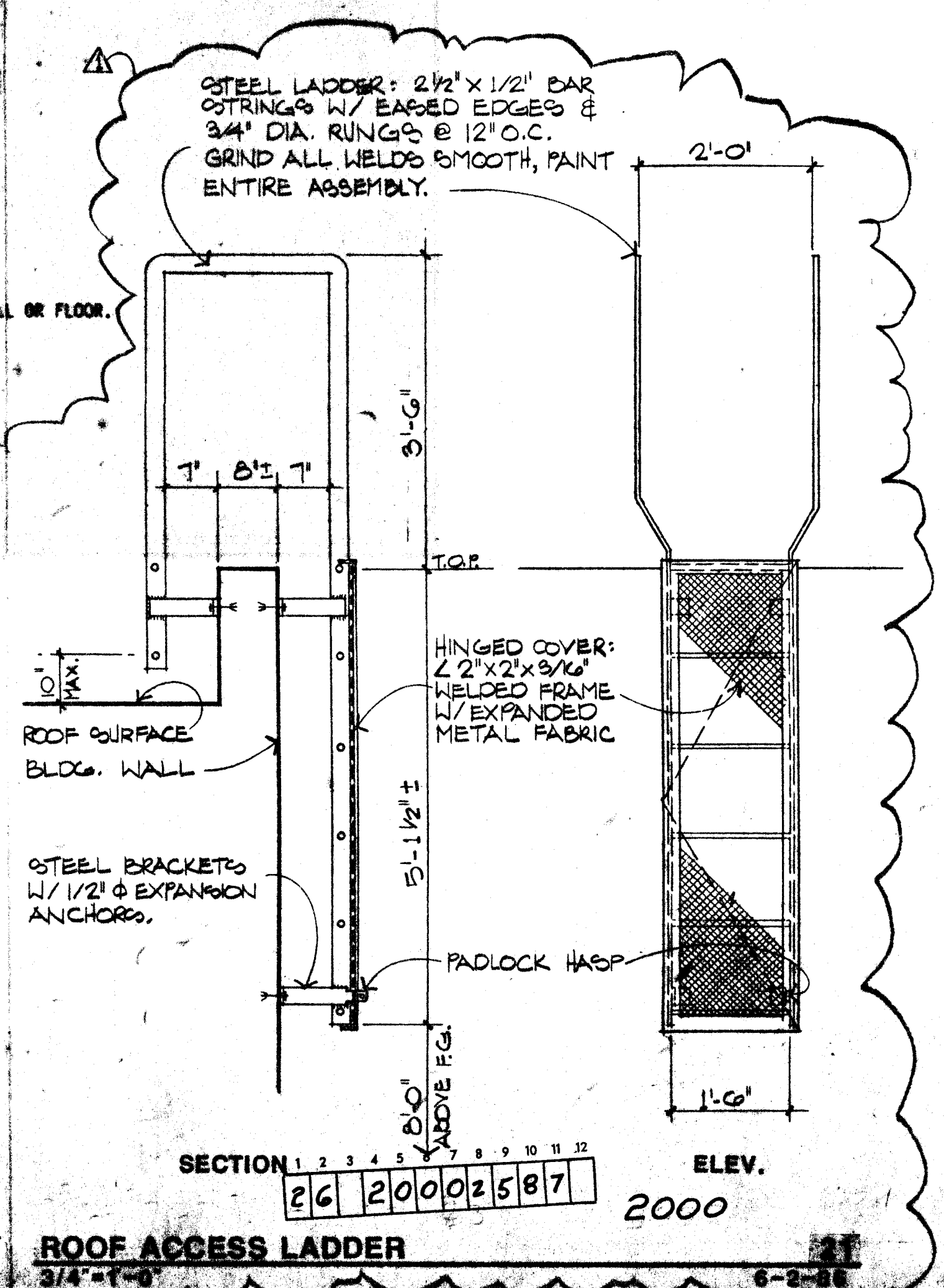
WALLS:

- GB = GYPSUM BOARD; TAPED, TEXTURED, AND PAINTED.
- GL = GLASS.
- CMU = 8" X 8" SCORED CMU; PAINTED.
- EX = EXISTING WALL TO BE PAINTED. PATCH AS NEEDED TO MATCH EXISTING.

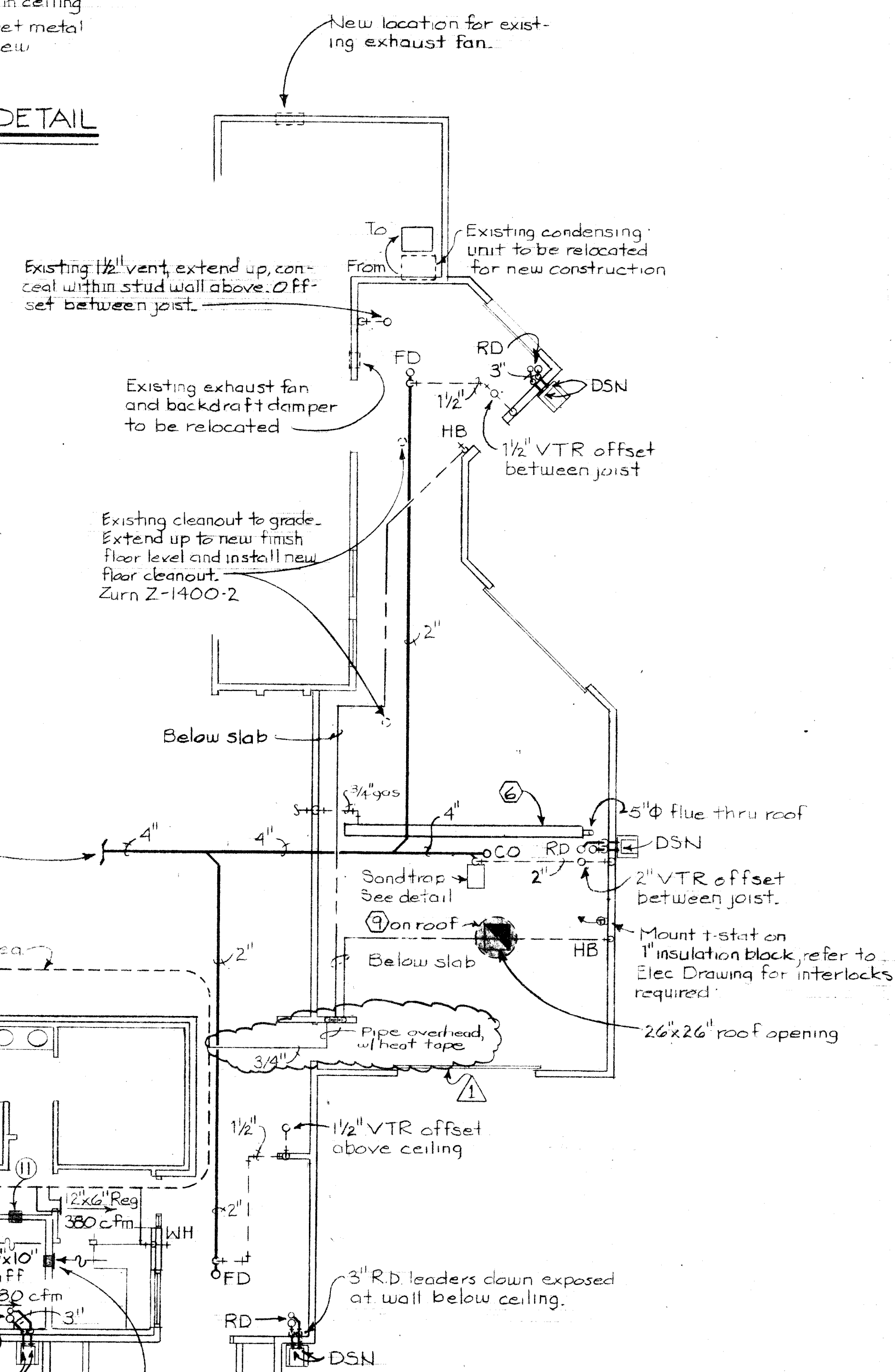
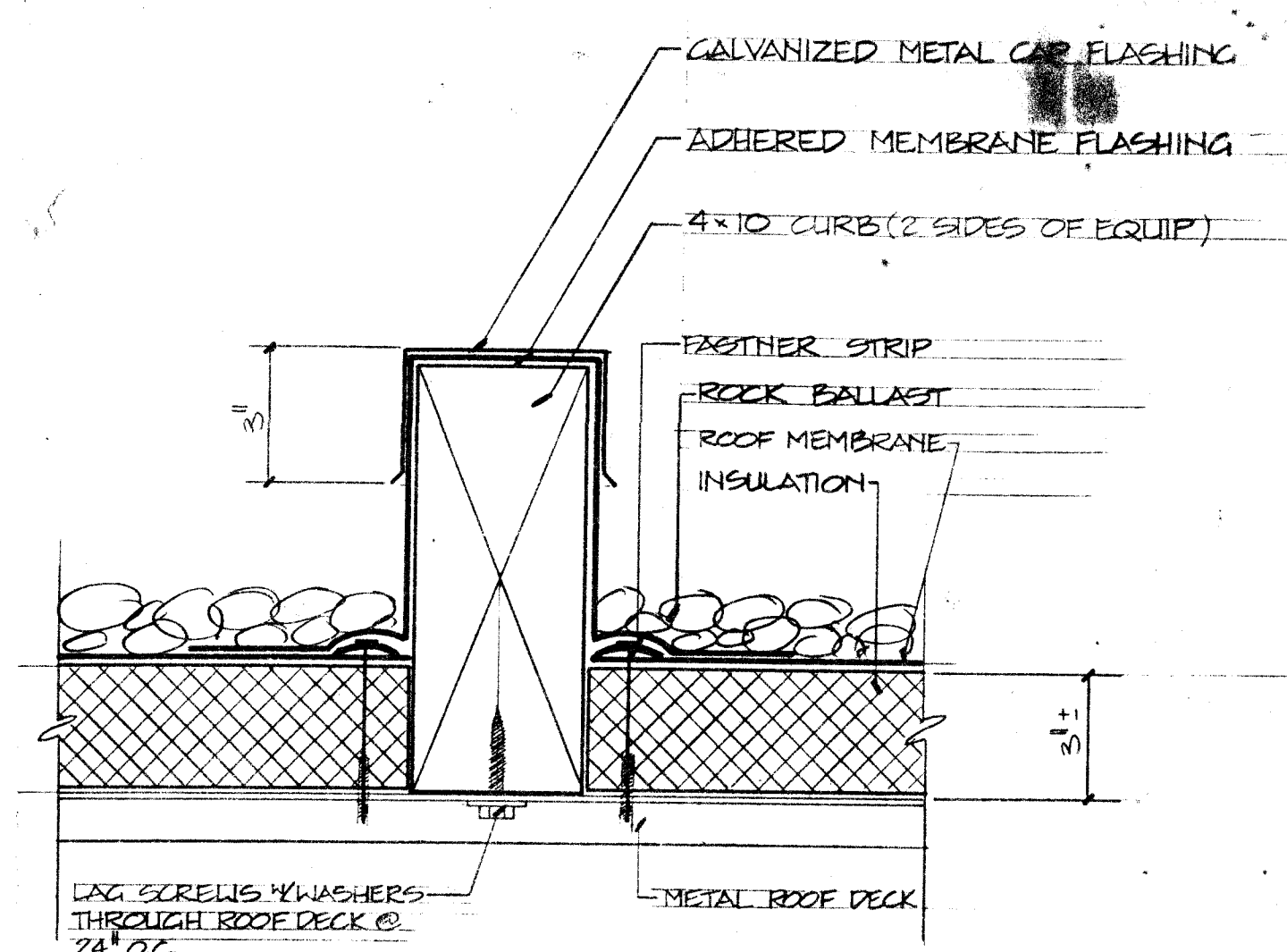
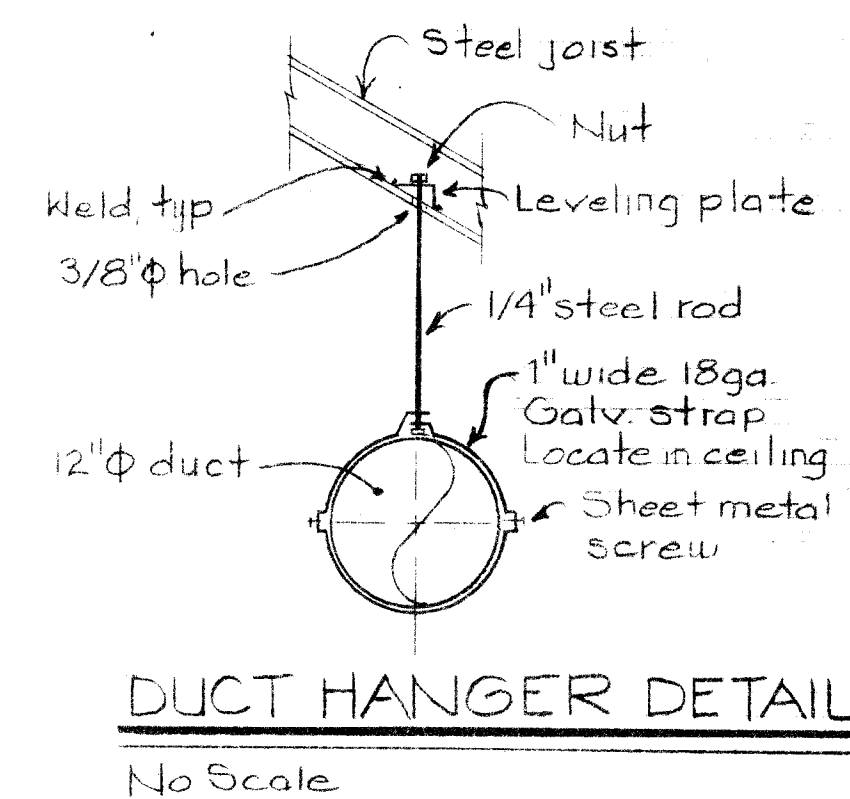
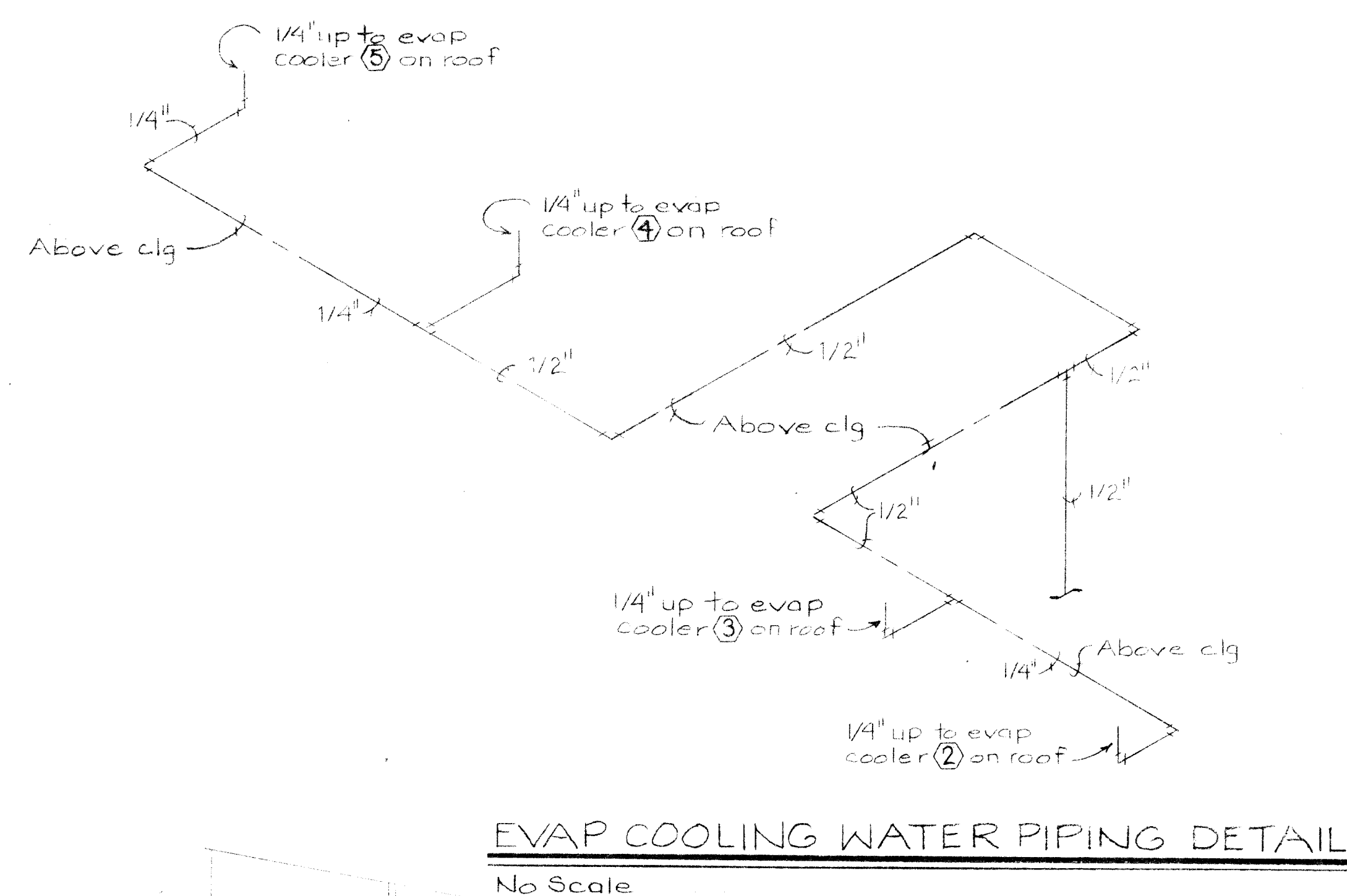
CEILING:

- AT = 2' X 4' SUSPENDED ACOUSTICAL TILE CEILING.
- GB = SUSPENDED GYPSUM BOARD; TAPED, TEXTURED, PAINTED. (1-1/2" Channels @ 4'-0" o.c. suspended by #8 ga. wire @ 4'-0" o.c. with furring channels at 16" o.c.)
- FGB = GYPSUM BOARD FURRED DOWN TO 7'-0" A.F.F. TAPED, TEXTURED, PAINTED. (Suspend as noted above.) REFER TO FLOOR PLAN FOR LOCATIONS.
- ST = STUCCO ON SUSPENDED METAL LATH SYSTEM.
- ES = EXPOSED STRUCTURE; PAINT ALL EXPOSED STRUCTURAL MEMBERS, DECK, PIPING, CONDUITS, REGISTERS, ETC.
- AP = ACOUSTICAL PANELS SET IN TRIM UNITS OVER GYPSUM BD. EXISTING TO REMAIN. REPLACE ANY DAMAGED TILES WITH MATCHING TILES FROM OTHER AREAS.

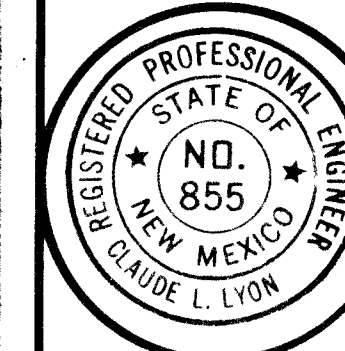
- NOTES:
1. LEVEL EXISTING CONCRETE AT CLOSET 110B PRIOR TO INSTALLING FLOOR FINISH.
  2. ROOM TO BE ONE-HOUR FIRE RATED. GYPSUM BOARD TO BE TYPE "X".
  3. PATCH FLOORS AND WALLS WHERE PARTITIONS HAVE BEEN REMOVED TO MATCH EXISTING WALL OR FLOOR.
  4. PROVIDE THINSET, SLIP RESISTANT CERAMIC TILE AND CERAMIC BASE IN THIS SPACE.
  5. UNDER ALTERNATE NO. 3, SEE SPECS.
  6. Remove existing ceilings in the rooms of the existing Administration Building which are scheduled to receive new ceilings unless otherwise indicated.







**GREGORY T. HICKS & ASSOC.**  
The Sunshine Building  
112 Second St. S.W.  
Albuquerque, New Mexico 87102  
(505) 243-7492

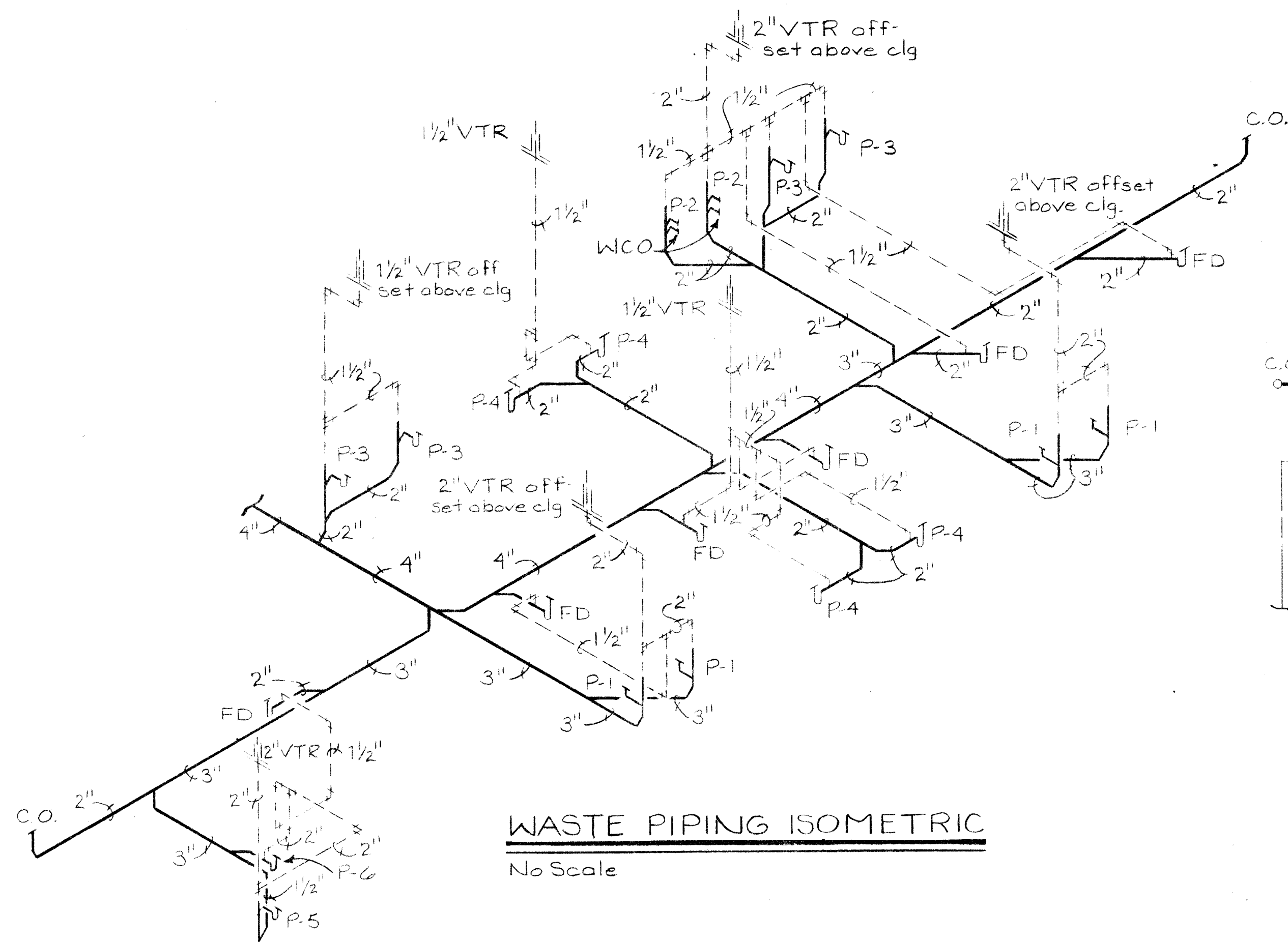


**CITY OF ALBUQUERQUE  
ANIMAL CONTROL CENTER EXPANSION**

100-85

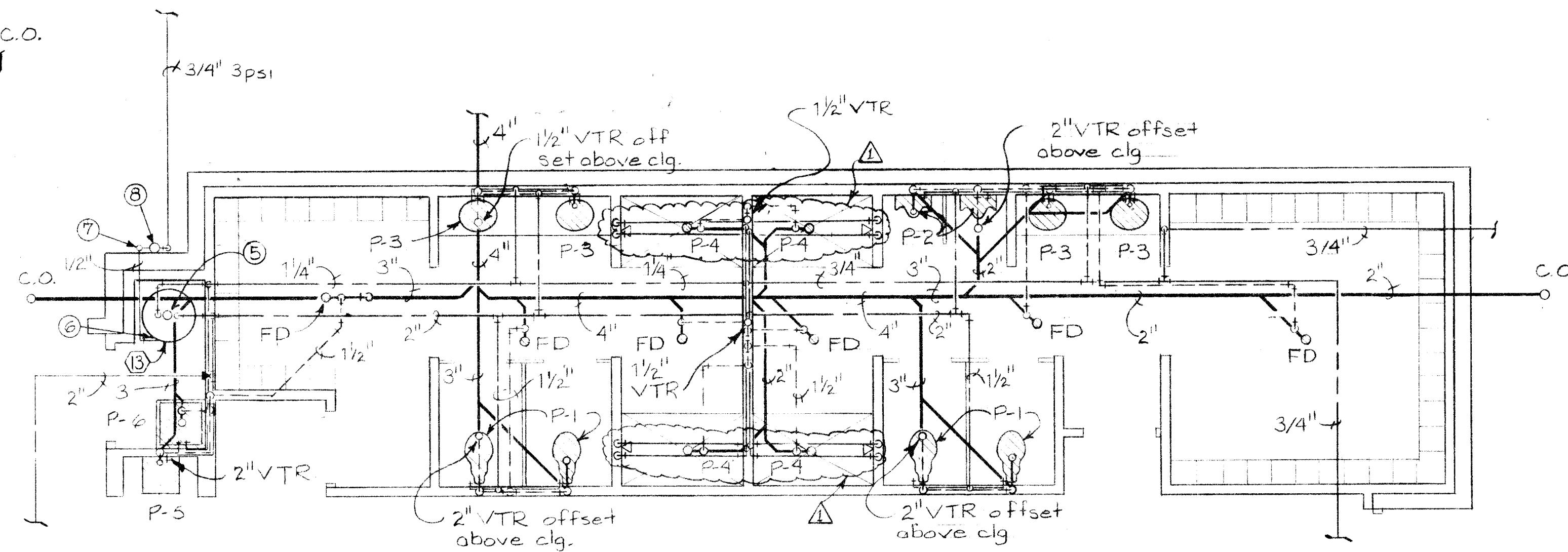
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**WASTE PIPING ISOMETRIC**

No Scale

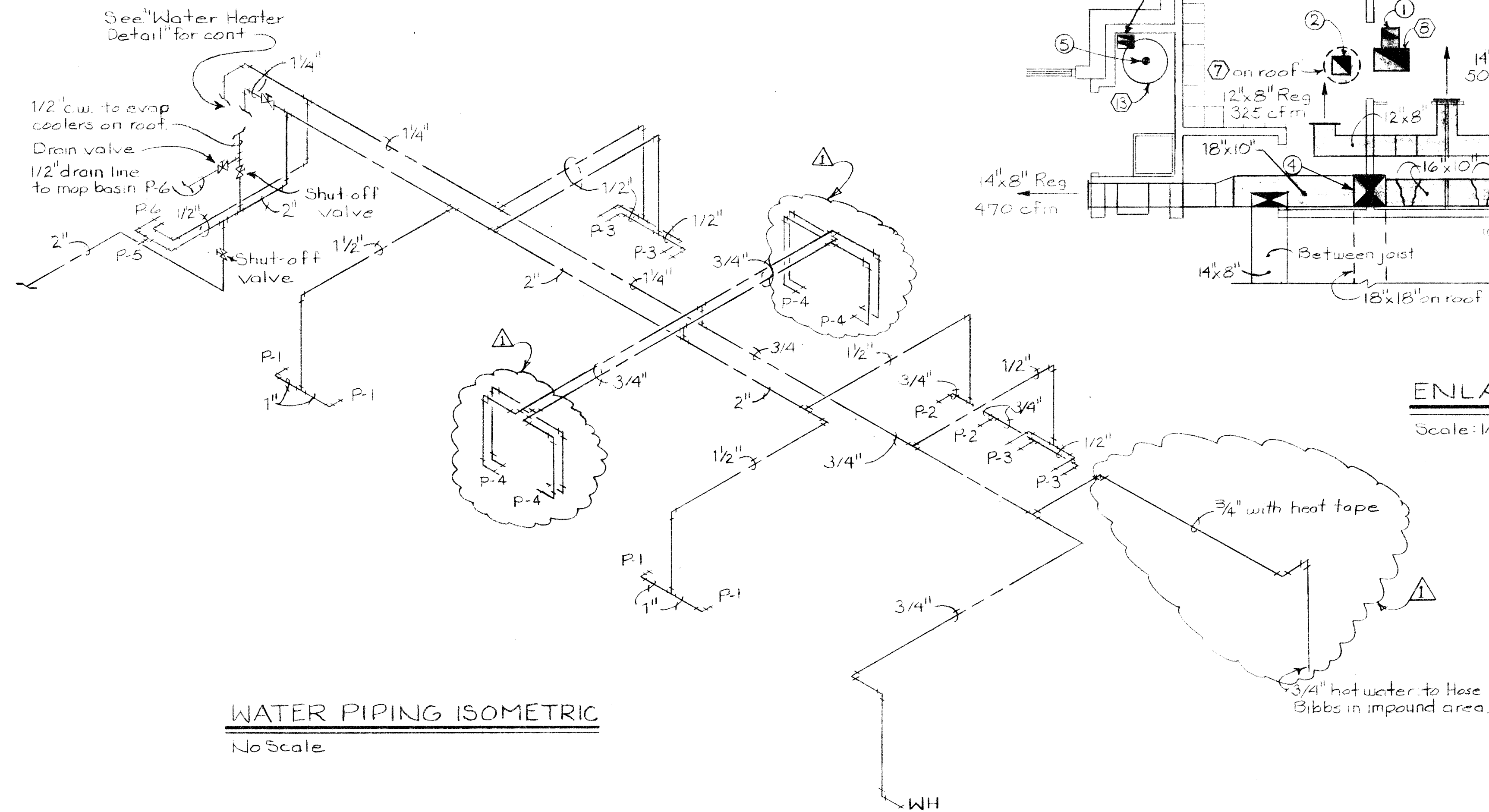


**ENLARGED PLUMBING PLAN**

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

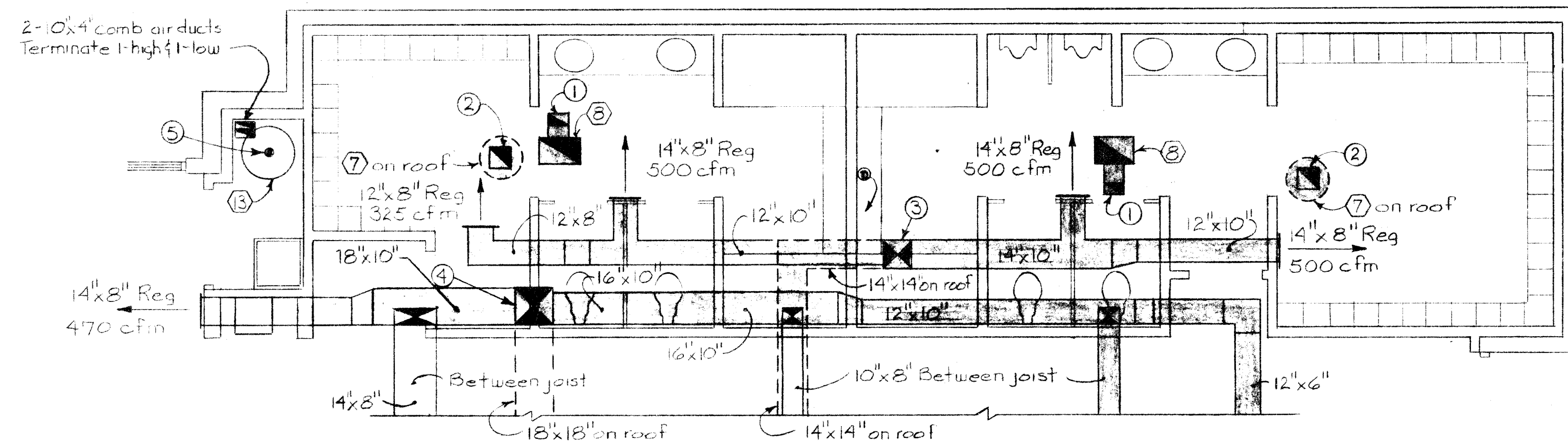
**NOTES:**

- ① 10" x 6" exhaust duct up to gooseneck on roof.
- ② 10" x 10" duct up to exhaust fan on roof.
- ③ 14" x 14" supply air duct down thru roof.
- ④ 18" x 18" supply air duct down thru roof.
- ⑤ 4" flue thru roof.
- ⑥ 1/2" gas line to water heater ⑬.
- ⑦ 1-1/4" gas line up to units on roof. See plan for cont.
- ⑧ Gas pressure regulator.



**WATER PIPING ISOMETRIC**

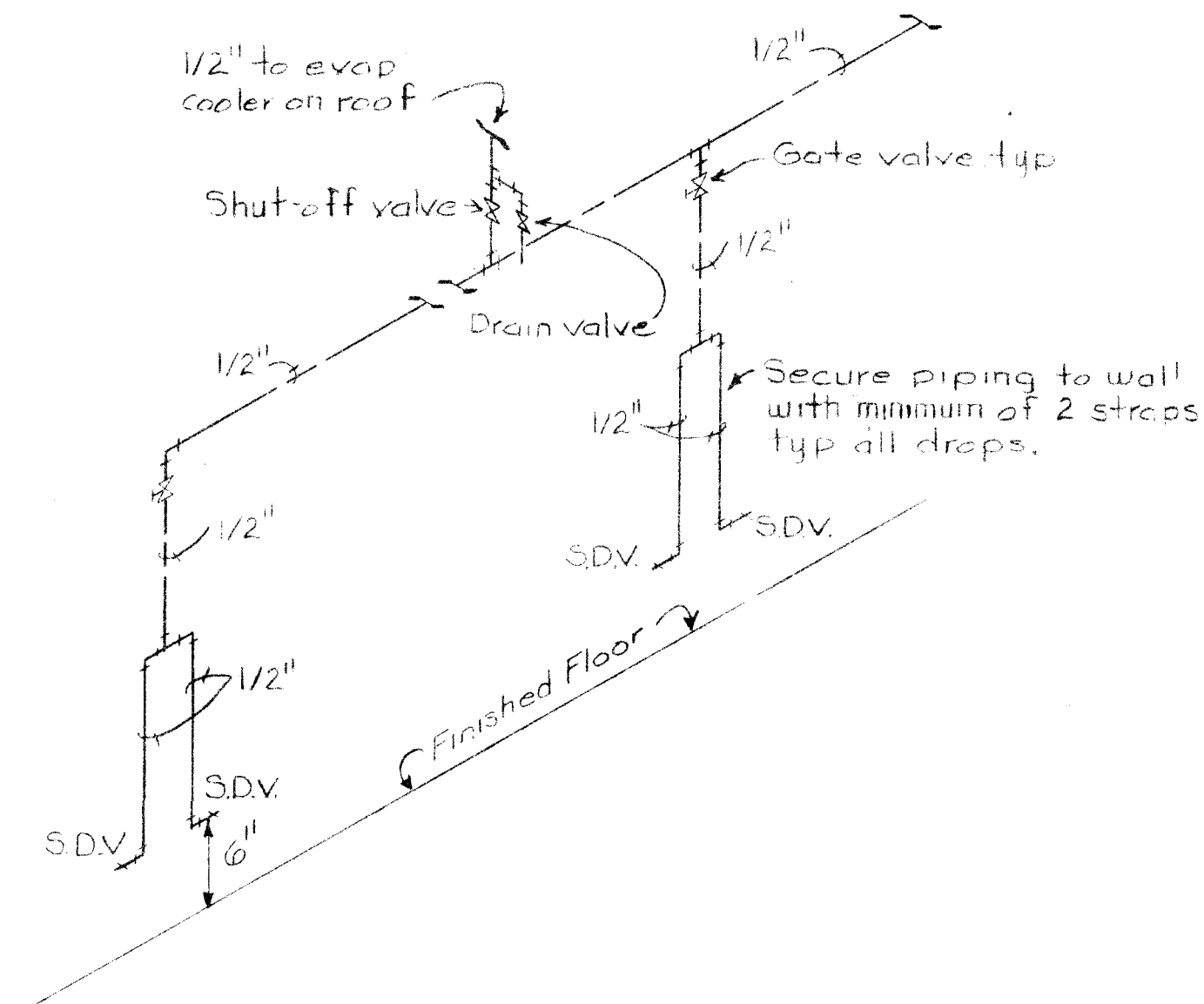
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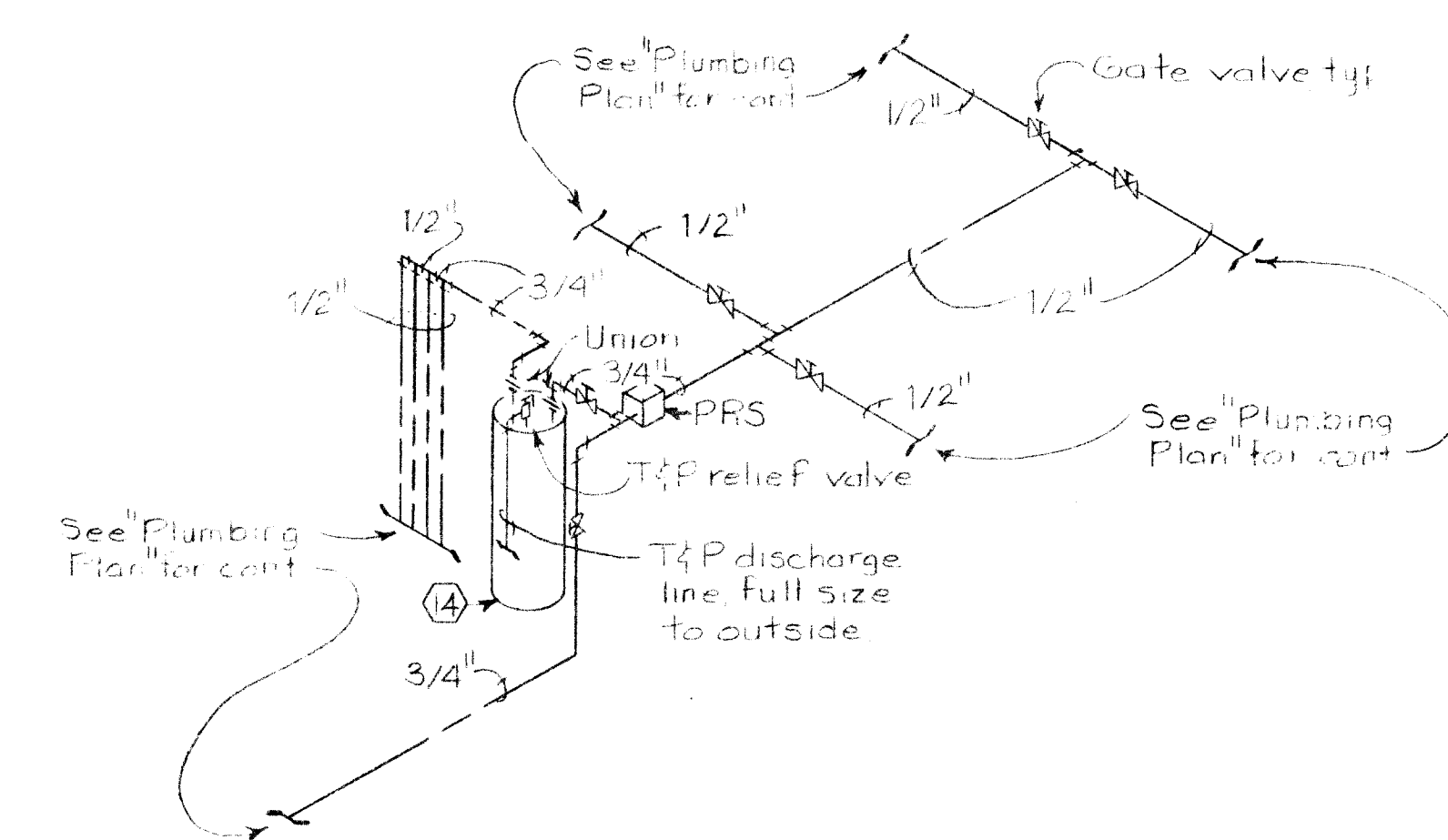
**ENLARGED MECHANICAL PLAN**

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

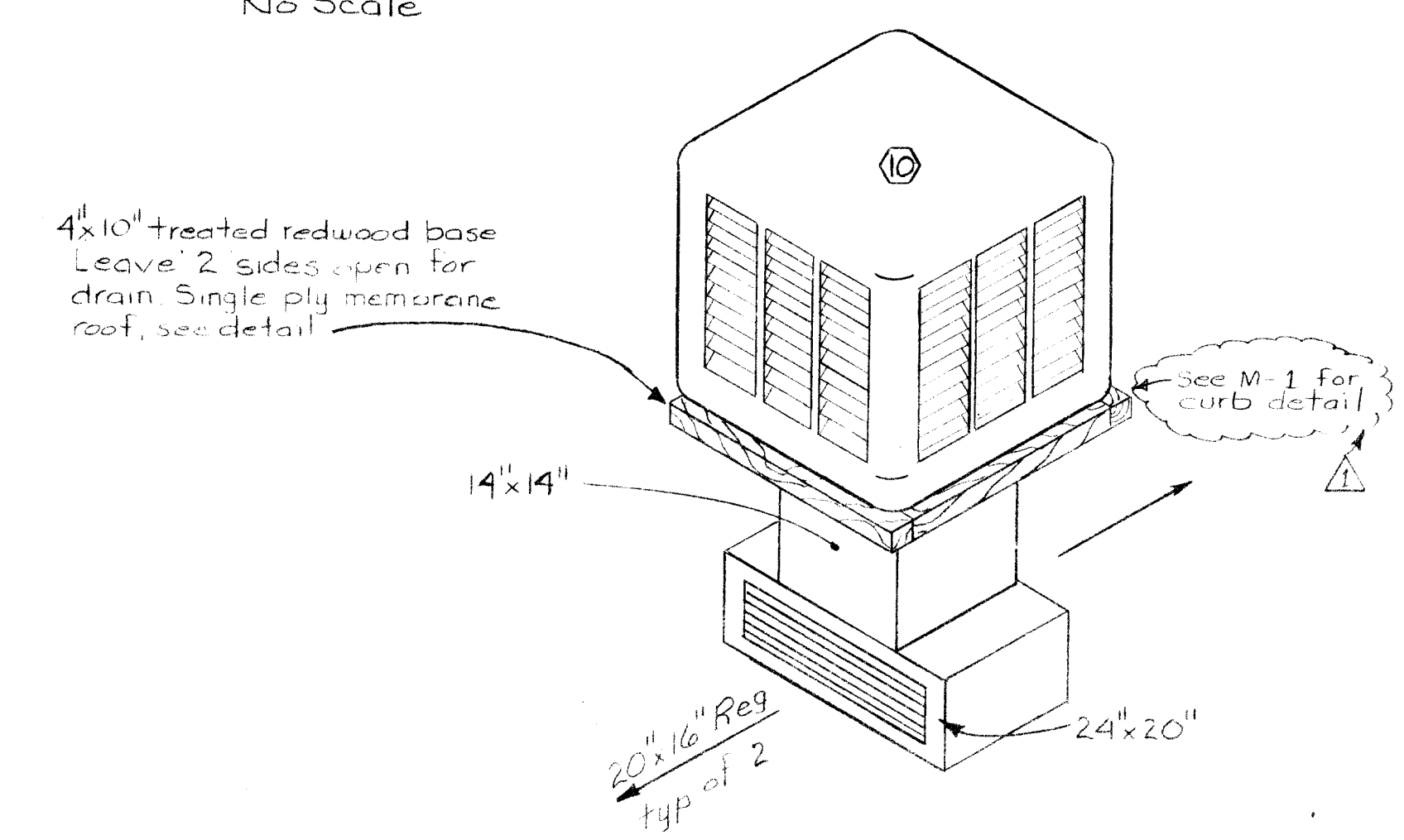




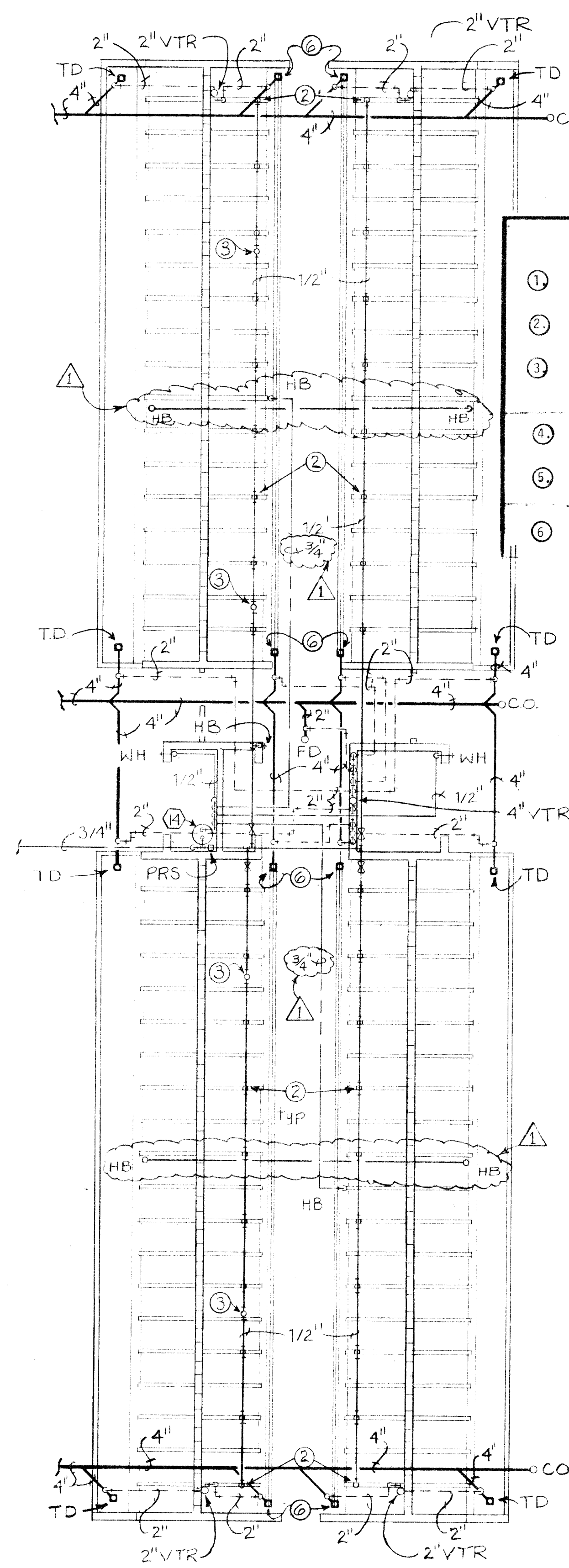
**STEM DRINKING VALVE & PIPING DETAIL**  
No Scale



**WATER PIPING ISOMETRIC**  
No Scale

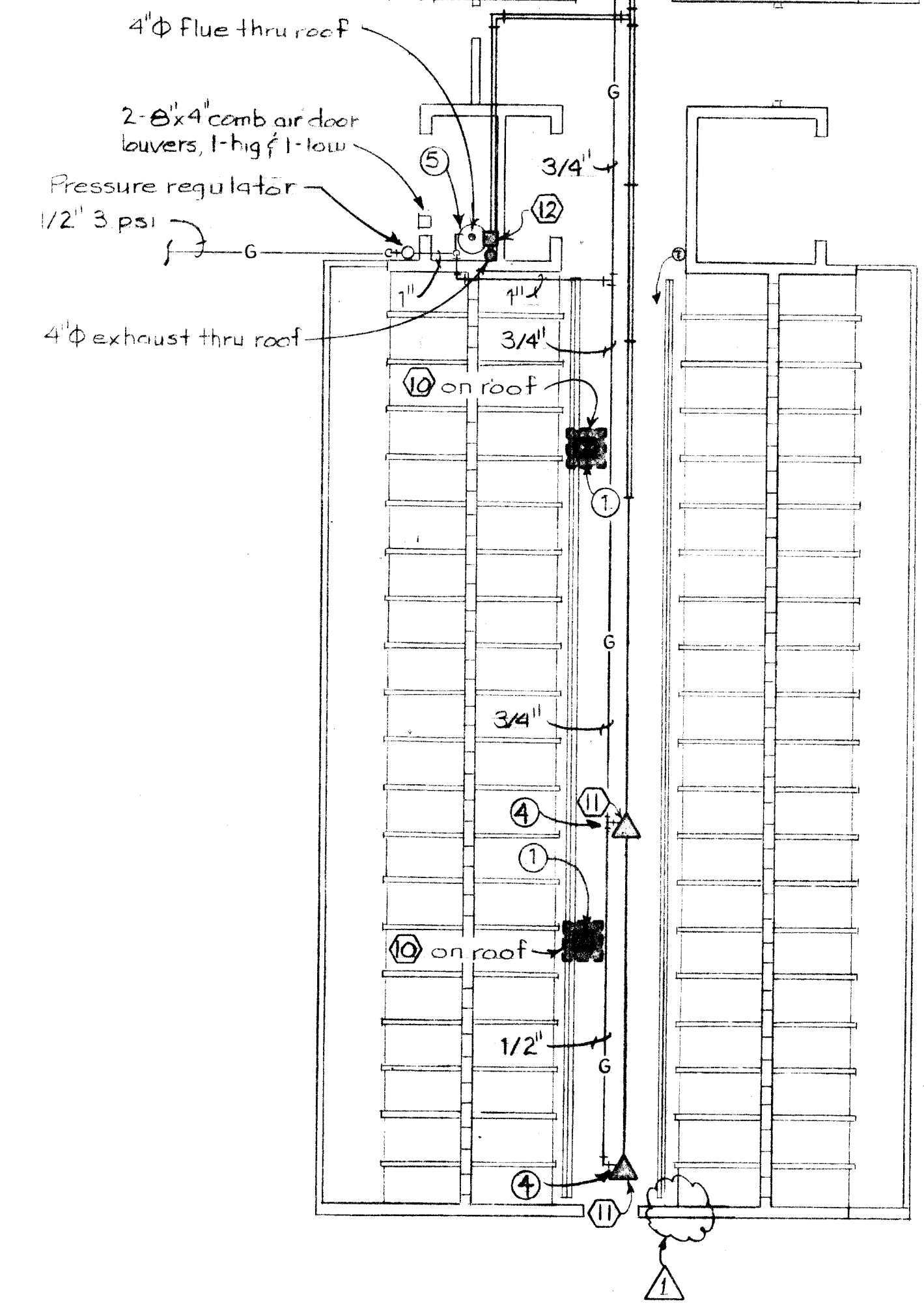


**EVAPORATIVE COOLER (10) DETAIL**  
No Scale



**KENNEL PLUMBING PLAN**  
Scale: 1/8" = 1'-0"

- NOTES:**
- ① 14" x 14" duct thru roof. See "Evaporative Cooler (10) Detail".
  - ② 1/2" c.w. down typ. of 38 drops total. See "Stem Drinking Valve & Piping Detail".
  - ③ 1/2" c.w. up to evap. cooler on roof. See "Stem Drinking Valve & Piping Detail" for piping.
  - ④ 1/2" gas line with union and cock to radiant heater (11).
  - ⑤ 1/2" gas line with union and cock to water heater (14).
  - ⑥ Channel drain connection. See detail on Sheet M-4.

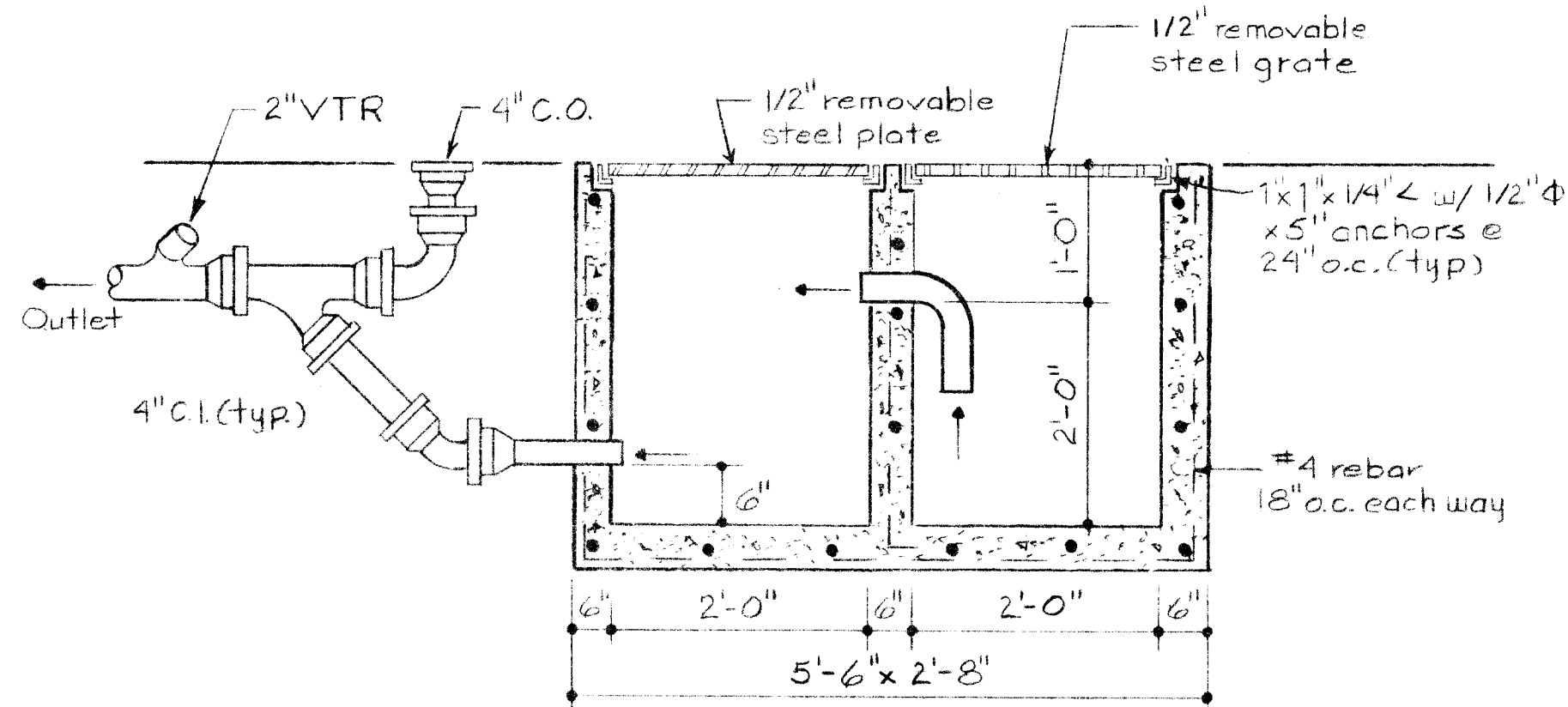


**KENNEL MECHANICAL PLAN**  
Scale: 1/8" = 1'-0"

1	2	3	4	5	6	7	8	9	10	11	12
26	20	00	02	8	8	7					

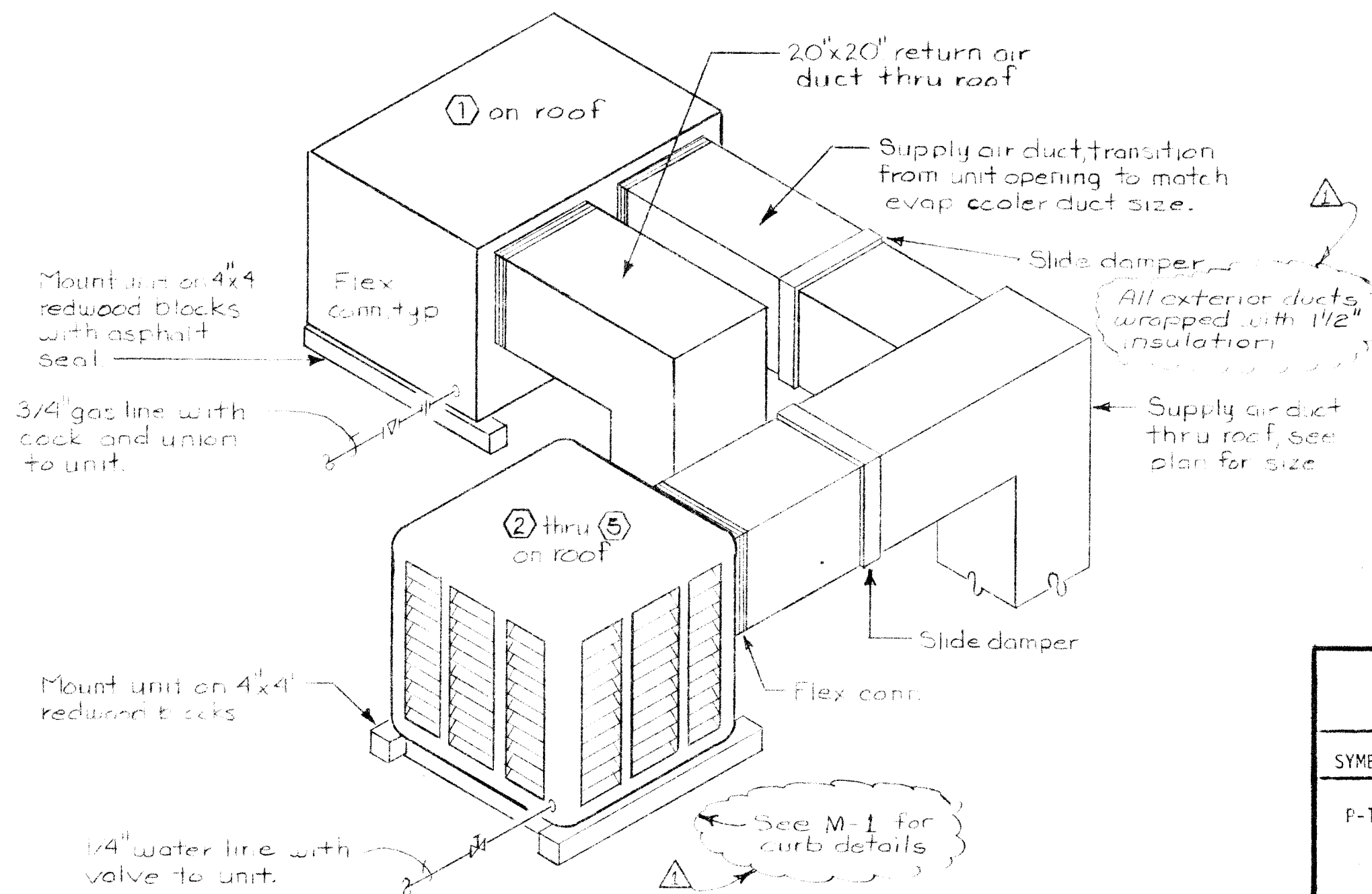
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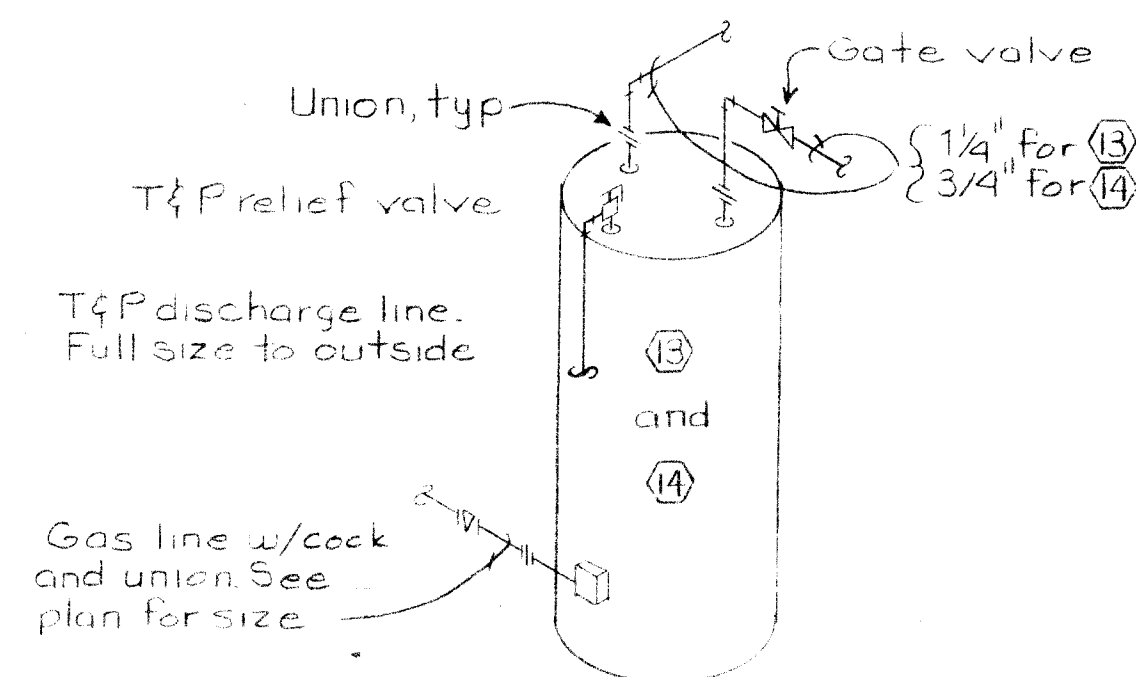
**SANDTRAP DETAIL**

No Scale



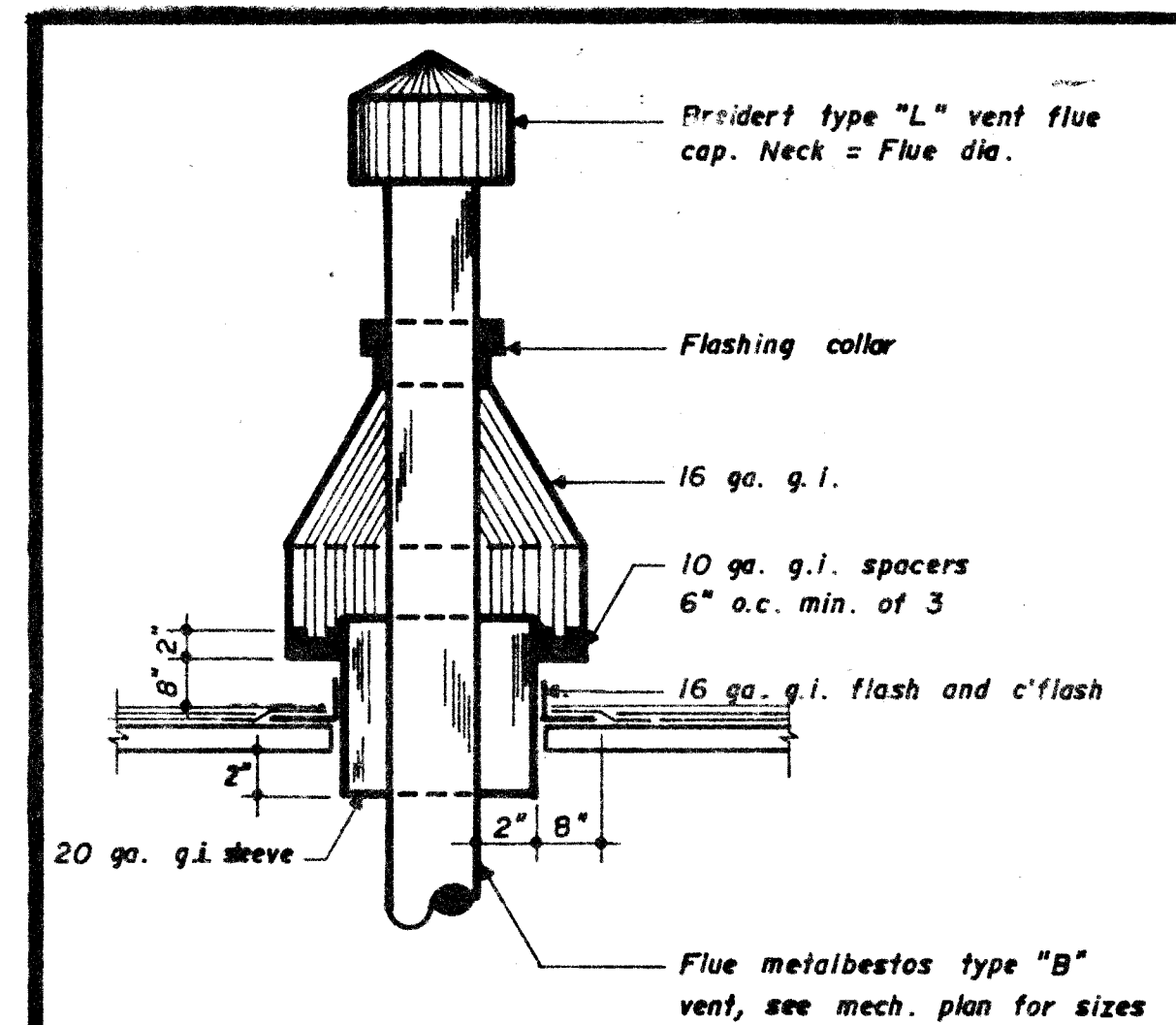
**FURNACE AND EVAP. COOLER DETAIL**

No Scale



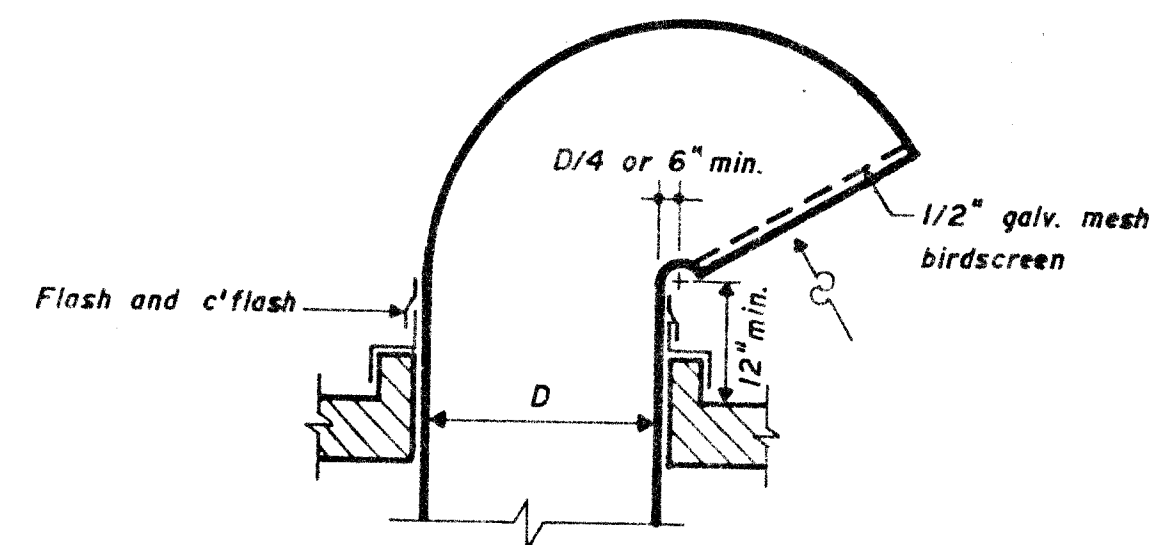
**WATER HEATER DETAIL**

No Scale



**FLUE THRU ROOF DETAIL**

NO SCALE



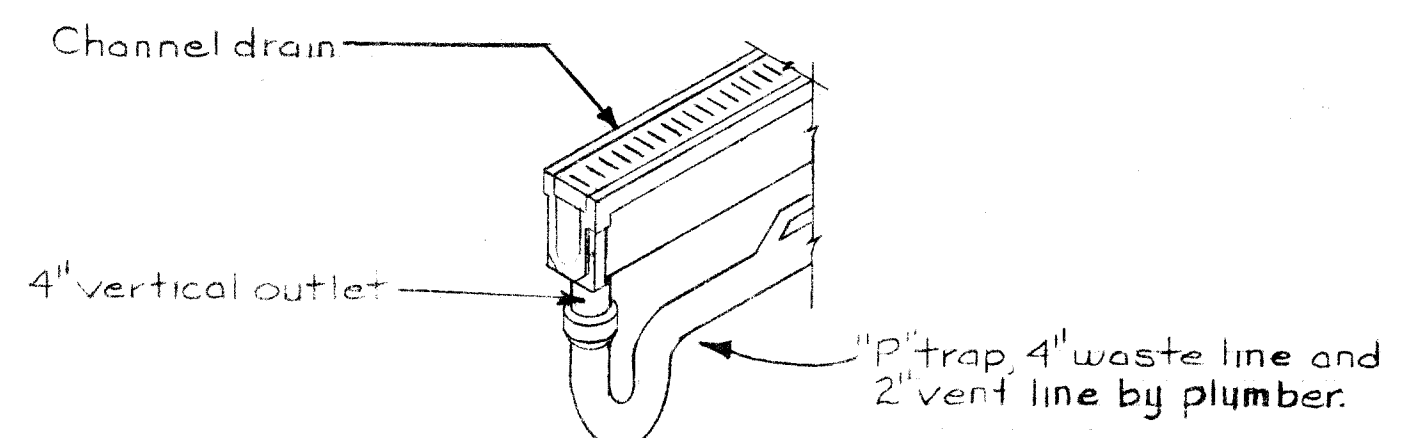
**GOOSENECK DETAIL**

NO SCALE

FIXTURE SCHEDULE	
SYMBOL	DESCRIPTION
P-1	Water Closet: American Standard "Madera" no. 2221.018 elongated, vitreous china, free-standing water closet with Sloan Royal no. 110-3 flush valve and Church no. 95000 open front less cover seat with 3140 stainless steel hinge post with concealed check.
P-2	Urinal: American Standard "Washbrook" no. 6501.010 vitreous china, wall hung urinal with wall hangers. Sloan Royal no. 186 flush valve.
P-3	Lavatory: American Standard "Aqualyn" no. 0476.028 self-rimming, vitreous china lavatory with front overflow. Symons model S-90 single lever faucet. Provide grid drain and 1-1/4" tailpiece, "P" trap and wall stops.
P-4	Shower: American Standard no. 2156.024 right outlet and 2156.040 left outlet 36" x 60" fiberglass-reinforced polyester shower with seat and slip-resistant bottom. Symons model S-96-1 Temtrol pressure balancing valve with shower-head, arm and valve. Provide floor drain.
P-5	Electric Water Cooler: Elkey model no. EHF-8 wall mounted water cooler with bubbler and self-closing push bar on front of unit. Capacity of 7.6 gph of 50°F drinking water at 90°F temperature and 80°F entering water temperature. 1/5 h.p., 5.0 amps, 115v-1φ. Provide wall stop and P-trap.
P-6	Mop Basin: Fiat model MSB-2424 molded stone mop service basin, 24" x 24" with #874 cast brass drain body, #302 15 ga. stainless steel combination dome strainer and lint basket, #830-AA service faucet with vacuum breaker, integral stops, wall brace, pail hook, and 3/4" hose thread, 832-AA 30" long rubber hose and bracket. 889-CC mop hanger.
P-7	Sink: Elkey "Dayton" no. D11719 17" x 19" stainless steel single compartment 14" x 14" sink. LK-2405 dual handle faucet with swing spout. LK-1125 Duo strainer. Provide tailpiece, "P" trap and wall stops.
F.D.	Floor Drain: Zurn Z-415.
T.D.	Trench Drain: Zurn Z-611 size 4".
H.B.	Hose Bibb: Nibco no. 763, provide with vacuum breaker.
W.H.	Wall Hydrant: Nibco no. 52, provide with vacuum breaker.
SDV	Stem Drinking Valve: Long Environmental Systems no. PN10738 drinking valve.
PRS	Pressure Reducing: Station: Long Environmental Systems no. PN10922 complete with shut-off valve, filter cartridge and pressure gauge.
P.H.	Post Hydrant: Zurn Z-1385-5 with vacuum breaker.

EQUIPMENT SCHEDULE																																									
SYMBOL	DESCRIPTION																																								
①	<b>Heating Unit:</b> Roof mounted and suitable for outdoor use, natural gas fired, AGA approved with 100% safety cut-off and orificed for operation at 5500 ft. elevation. Provide with filters and wall-mounted thermostat. 1/4 h.p., 115v-1φ. 760 cfm @ 1 s.p. low speed and 970 cfm @ 1/4 s.p. high speed. 80,000 BTUH input. Fraser-Johnson model 80WHDH.																																								
② thru ⑤	<b>Evaporative Cooler:</b> Side discharge, complete with pads, pump, float and asphalt-coated reservoir. Arctic Circle models as follows:																																								
⑤	<table border="1"> <thead> <tr> <th>Symbol</th> <th>Model</th> <th>CFM</th> <th>S.P.</th> <th>H.P.</th> <th>Voltage</th> <th>Speed</th> </tr> </thead> <tbody> <tr> <td>②</td> <td>ES330</td> <td>1825</td> <td>.3</td> <td>1/3</td> <td>115v-1φ</td> <td>2</td> </tr> <tr> <td>③</td> <td>ES430</td> <td>2860</td> <td>.4</td> <td>1/2</td> <td>115v-1φ</td> <td>2</td> </tr> <tr> <td>④</td> <td>ES330</td> <td>1460</td> <td>.5</td> <td>1/3</td> <td>115v-1φ</td> <td>2</td> </tr> <tr> <td>⑤</td> <td>ES630</td> <td>3880</td> <td>.5</td> <td>3/4</td> <td>115v-1φ</td> <td>2</td> </tr> </tbody> </table>	Symbol	Model	CFM	S.P.	H.P.	Voltage	Speed	②	ES330	1825	.3	1/3	115v-1φ	2	③	ES430	2860	.4	1/2	115v-1φ	2	④	ES330	1460	.5	1/3	115v-1φ	2	⑤	ES630	3880	.5	3/4	115v-1φ	2					
Symbol	Model	CFM	S.P.	H.P.	Voltage	Speed																																			
②	ES330	1825	.3	1/3	115v-1φ	2																																			
③	ES430	2860	.4	1/2	115v-1φ	2																																			
④	ES330	1460	.5	1/3	115v-1φ	2																																			
⑤	ES630	3880	.5	3/4	115v-1φ	2																																			
⑥	<b>Radiant Tube Gas Heater:</b> Natural gas, AGA approved with 100% safety cut-off, and provided with cast iron burner with aluminized steel combustion chamber, fully automatic controls, motor with thermal overload switch, balanced air rotor, 4" O.D. radiant tube of aluminized and cold-rolled steel with stainless steel air pre-heater and baffles, shut-off cock, built-in draft hood, aluminum reflector, low voltage thermostat, and reflector side extension on units as shown on plan. 75,000 BTUH input, 115v-1φ, 2.6 amps. Gordon-Ray model RTH-75A. Provide shield over overhead door motors.																																								
⑦	<b>Exhaust Fan:</b> Roof mounted, centrifugal exhaustor with backdraft damper, disconnect, birdscreen, and factory roof curb. 945 cfm @ .125 s.p. 1/11 h.p., 115v-1φ. Acme model PR110-2. Interlock with evap. cooler (2).																																								
⑧	<b>Exhaust Fan:</b> Ceiling mounted, all metal housing with aluminum blade wheel, backdraft damper, disconnect and roof jack. 327 cfm @ .10 s.p. 1/50 h.p., 115v-1φ. Pace model DD-350G.																																								
⑨	<b>Exhaust Fan:</b> Roof mounted, centrifugal exhaustor with backdraft damper, disconnect, birdscreen and factory roof curb. 4605 cfm @ 0. s.p., 1/3 h.p., 115v-1φ. Acme model P-270F.																																								
⑩	<b>Evaporative Cooler:</b> Down discharge complete with pads, pump, float and asphalt-coated reservoir. 3100 cfm @ 0 s.p., 2 speed, 1/3 h.p., 115v-1φ. Arctic Circle model ED 430.																																								
⑪ and ⑫	<b>Radiant Gas Heater:</b> Gas fired, AGA approved with 100% safety cut-off and orificed for operation at 5500 ft. elevation. Complete with burners, combustion chamber, reflectors and reflector hangers, pre-wired control box, 4" 16 gauge steel pipe, 4" 16 gauge porcelain-coated steel pipe, thermostats, and vacuum pump (2) 1/2 h.p., 115v-1φ, 3450 rpm ball bearing thermally-protected. Burner 40,000 BTUH input amperage start .15 run .30, 115v-1φ. Co-Ray-Vac model CRV-A4.																																								
⑬	<b>Water Heater:</b> Gas fired, AGA approved with 100% safety cut-off and orificed for operation at 5500 ft. elevation. 80,000 BTUH input, 90 gph recovery at 90°F rise, 75 gallons storage. A.O. Smith model BT-80.																																								
⑭	<b>Water Heater:</b> Gas fired, AGA approved with 100% safety cut-off and orificed for operation at 5500 ft. elevation. 32,500 BTUH input, 33.2 gph recovery at 90°F rise, 40 gallons storage. A.O. Smith P66-60.																																								
⑮	<b>Exhaust Fan:</b> Roof mounted, centrifugal exhaustor with backdraft damper, disconnect, birdscreen and factory roof curb. 1405 cfm @ .125 s.p., 1/6 h.p., 115v-1φ. Acme model PR-11804.																																								

GRILLE AND REGISTER SCHEDULE	
Diffuser (Lay-in-Ceiling):	Krueger series 1100 with O.B.D. and 24" x 24" frame 23.
Register:	Krueger series 5800 V with O.B.D.
Return Air Grille:	Krueger series 1190 with 24" x 24" frame 23.



**CHANNEL DRAIN DETAIL**

No Scale

1	2	3	4	5	6	7	8	9	10	11	12
26	20	00	02	9	8	7					

2000

R.D.	Roof Drain: Tech Specialties no. 1001 combination roof drain, flashing and overflow.
DSN	Downspout Nozzle: Zurn Z-499 size 3".
WH-1	Wall Hydrant: Zurn Z-1330 anti-siphon wall hydrant.

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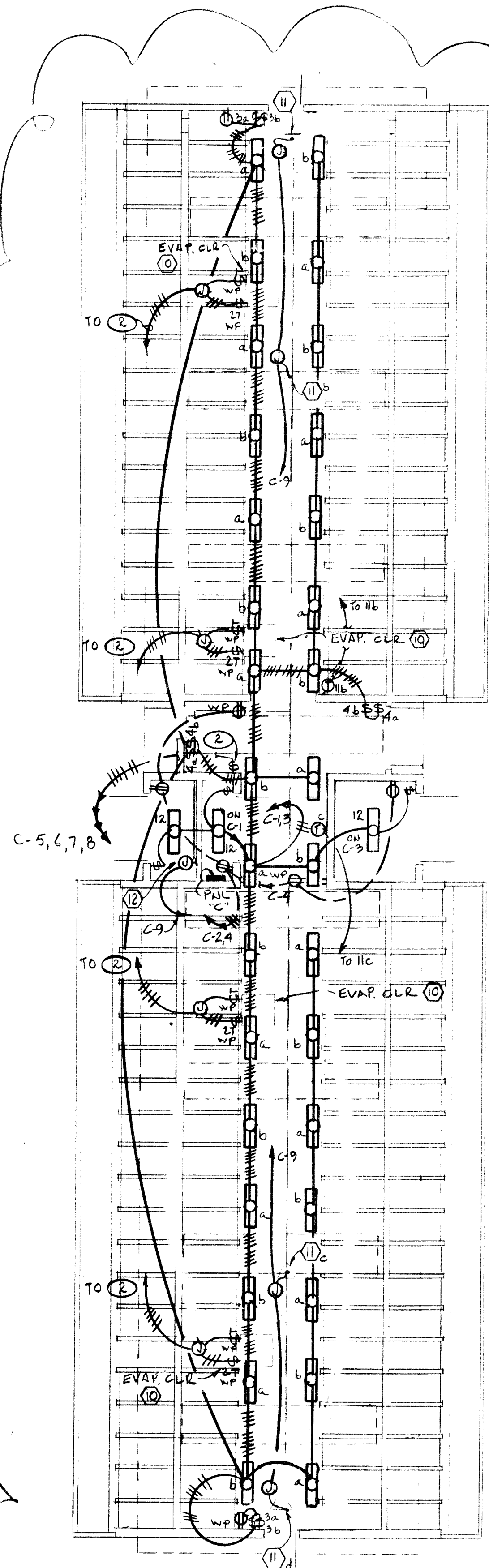
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The Sunshine Building  
Albuquerque, New Mexico 87102  
112 Second St. S.W.  
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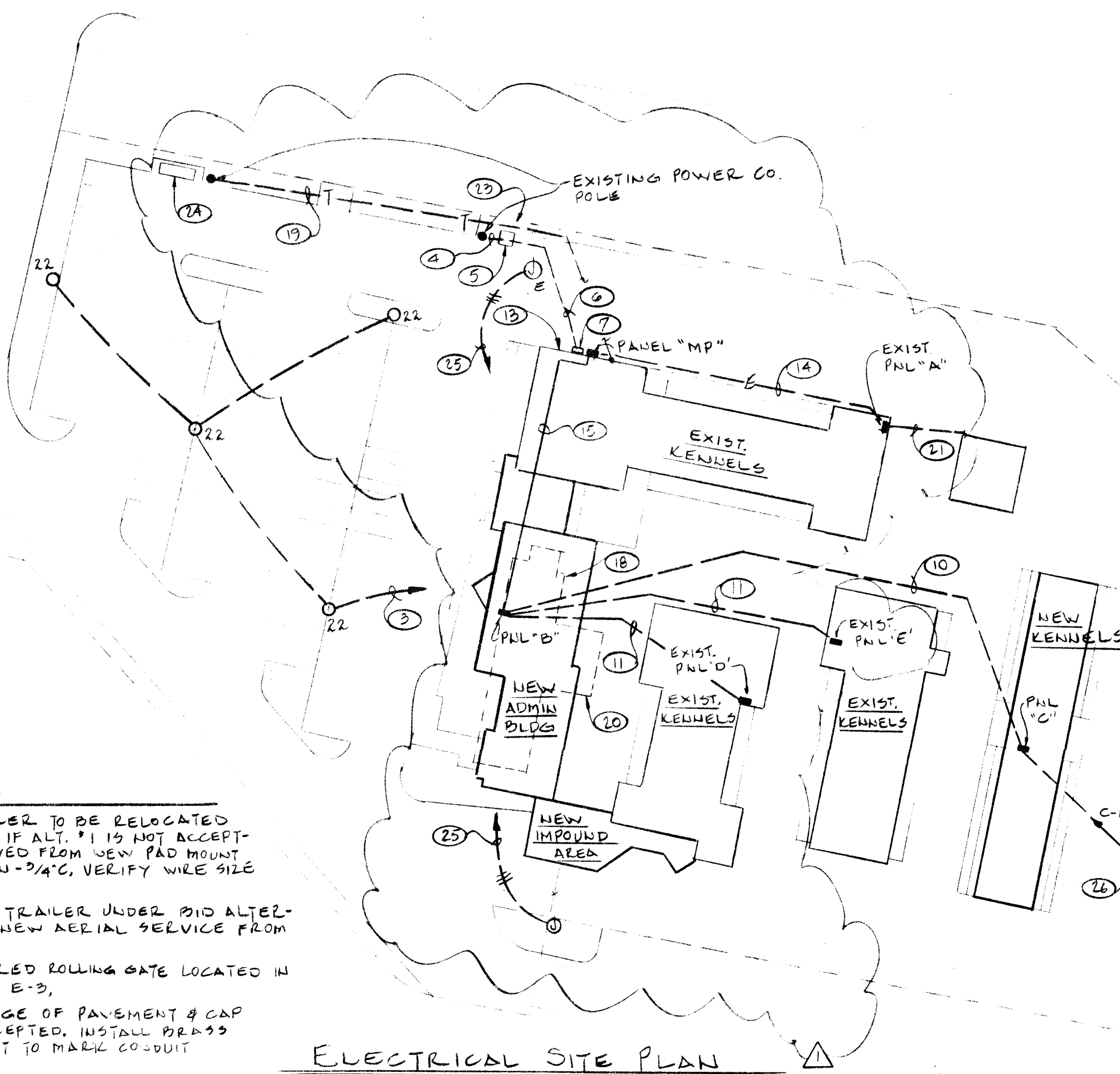


**LIGHTING & POWER PLAN - KENNEL**  
SCALE: 1/8" = 1'-0"

PANEL "C": SQUARE D: HQOB, 120/208V 3P, 4W, 5/N, 100AMP MLO, 10000 AIC MIN, PULS, SURFACE MOUNT - DOOR - IN. DOOR CONSTRUCTION  
CIRCUITS #1 THRU #11 - 1 POLE, 20 AMP, ACTIVE  
CIRCUITS #10 & 12 - 1 POLE, 20 AMP, - SPARE  
CIRCUITS #13 THRU 18 - SPARE ONLY FOR FUTURE C.D.'S

**KEYED NOTES - CONTINUED**

- 23 EXISTING LOCATION OF TRAILER TO BE RELOCATED UNDER BID ALTERNATE #1. IF ALT. #1 IS NOT ACCEPTED, TRAILER SHALL BE SERVED FROM NEW PAD MOUNT TRANSFORMER WITH 3-#6 THHN-3/4" C. VERIFY WIRE SIZE REQ'D IN THE FIELD.
- 24 NEW LOCATION FOR EXISTING TRAILER UNDER BID ALTERNATE #1, PNM SHALL PROVIDE NEW AERIAL SERVICE FROM ADJACENT POWER POLE.
- 25 TO CONTROL STATION FOR POWERED ROLLING GATE LOCATED IN NEW RADIO ROOM. SEE SHEET E-3.
- 26 STUD CONDUIT 24" BEYOND EDGE OF PAVEMENT & CAP IF ALTERNATE #2 IS NOT ACCEPTED. INSTALL PRESS MARKER AT EDGE OF PAVEMENT TO MARK CONDUIT LOCATION.

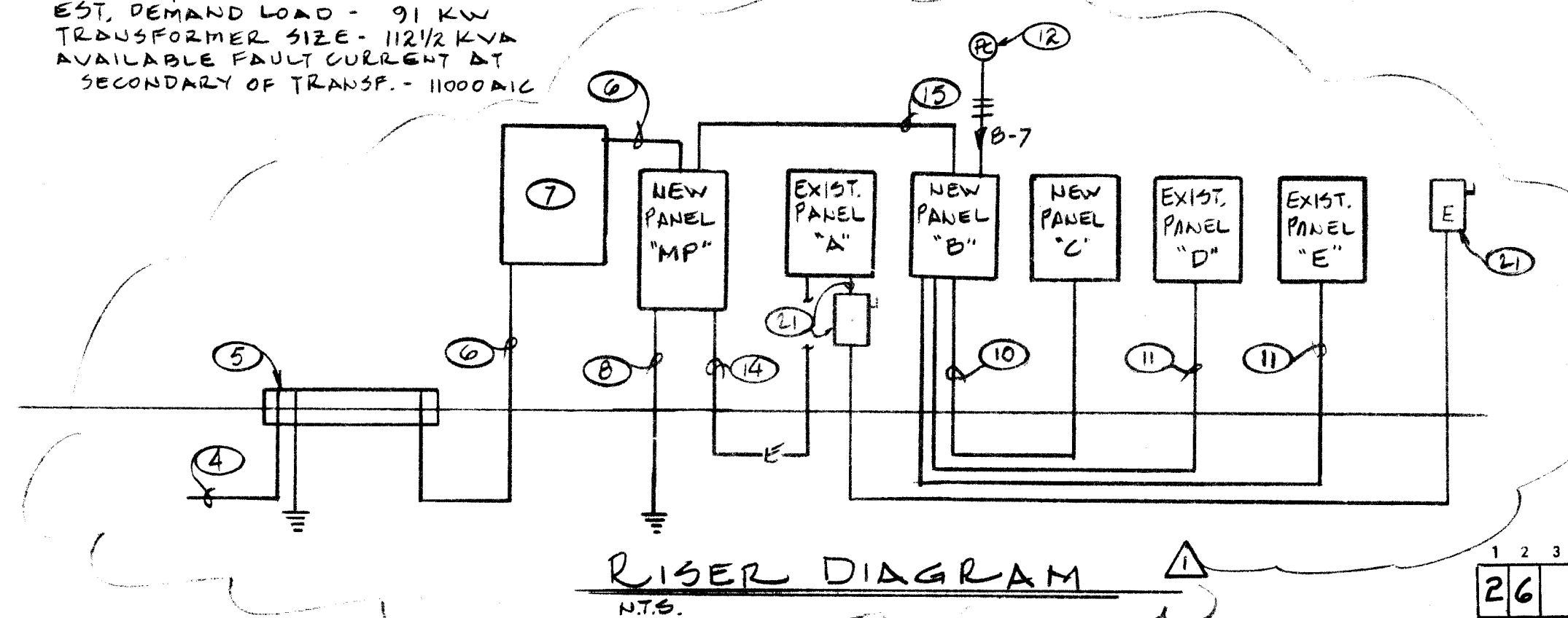


**ELECTRICAL SITE PLAN**  
SCALE: 1" = 40'-0"

PANEL "B" SQUARE D: HQOB, 120/208V, 3 PHASE, 4 WIRE, 3/N, 400 AMP MLO, 10,000 AIC MIN PRES. FLUSH MOUNT, DOOR - IN. DOOR CONSTR. COPPER BUSSES												
LOAD	AMPS			BR	CT	TR	NR	Ø	CT	DR	TR	LOAD
	A	B	C									
LIGHTS	15			20	1	A	2	20	14			LIGHTS
"		15			3	B	4					"
" - EXTERIOR	12				5	C	6					"
"		16			9	B	10					"
SPARE					11	C	12					"
RECPTS	10				13	A	14					"
"		10			15	B	16					"
" - COPIER	10				17	C	18					"
"		10			19	A	20					"
FANS #7 & #8 (EACH)					21	B	22					"
EXH. FAN #9 & RAD. HTR #4	10				23	C	24					"
FURNACE & EVAP CLR #1 & #3	8				25	A	26					"
" " " " " & #5					27	B	28					"
RECPTS - EXIST. ADMIN.	12				29	C	30					"
REFRIG.					31	A	32					"
KITCHEN UNIT					33	B	34					"
SPARE		12			35	C	36					"
"					37	A	38					"
"					39	B	40					"
"					41	C	42					"
"					43	A	44					"
"					45	B	46					"
"					47	C	48					"
HYDRAULIC LIFT	6				49	A	50					"
"	6				51	B	52					"
SPACE					53	C	54					"
"					55	A	56					"
CONNECTED LOAD: AØ-183A, BØ-169A, CØ-149A.												
ESTIMATED DEMAND: 183A. X 75% = 137A												

PANEL "MP" SQUARE D: "QMB"; 120/208V, 3P, 4W, 5/N, 800AMP, MLO. FUSIBLE RAINIGHT PANEL BOARD WITH CLASS R FUSE CLIPS, SURFACE MOUNT, CEFECO "LOW-RK" FUSES												
LOAD	AMPS			SW	FUSE	CT	TR	NR	Ø	CT	DR	LOAD
	A	B	C									
EXISTING PANEL "D"	70			2P	100	1	A					
"		70		2P	100	2	B					
"				2P	100	3	C					
EXIST. PANEL "A"	150			2P	200	1	A					
"		150		2P	200	2	B					
"				2P	200	3	C					
NEW PANEL "B"	183			3P	250	4	A					
"		169		3P	250	5	B					
"				3P	250	6	C					
SPACE				3P	250	7	A					
"				3P	250	8	B					
"				3P	250	9	C					
CONNECTED LOAD: AØ-403A, BØ-309A, CØ-369A, 130 KW CONNECTED												
91 KW ESTIMATED DEMAND												

**SERVICE CHARACTERISTICS**  
120/208VOLT, 3 PHASE, 4 WIRE, 60HZ  
CONNECTED LOAD - 130 KW  
EST. DEMAND LOAD - 91 KW  
TRANSFORMER SIZE - 112 1/2 KVA  
AVAILABLE FAULT CURRENT AT SECONDARY OF TRANS. - 11000AIC



**RISER DIAGRAM**  
N.T.S.

1	2	3	4	5	6	7	8	9	10	11	12
26	20	00	3	08	7						

**GENERAL NOTES**

- A.- CONDUIT: 1/2" MINIMUM SIZE, EMT OR ENT CONCEALED ABOVE GRADE, PVC SCHEDULE 40 BELOW GRADE OR EMBEDDED IN CONCRETE, RIGID WHERE EXPOSED, SEE SPECS.
- B.- WIRE: #12AWG MINIMUM SIZE, THHN INSULATION, COPPER CONDUCTORS, ALUMINUM WILL NOT BE PERMITTED.

**KEYED NOTES**

- 1 ALL FLUORESCENT FIXTURES IN KENNELS SHALL BE TYPE 21 UNLESS NOTED OTHERWISE.
- 2 EVAP. COOLER CONTROL STATIONS, 4 REQUIRED, CONSISTING OF 1- ON-OFF SWITCH, BLOWER; 1- HIGH-LOW SWITCH - BLOWER & 1- ON-OFF SWITCH PUMP. PROVIDE ENGRAVED NAMEPLATES FOR EACH SWITCH & FOR EACH CONTROL STATION.
- 3 2-#10-1/2" C. TO CIRCUIT B-9 - ALTERNATE #1.
- 4 4" C. TO PNM RISER POLE, TERMINATE ON POLE AS REQUIRED BY PNM.
- 5 REINFORCED CONCRETE PAD AS PER PNM DWG #DS-7-16.4, 2-2" C. EACH WITH 4-#4/0 THHN-CU.
- 6 METERING CABINET, PNM DWG #DS-19-24.0, FOR 400AMP, 120/208V, 3P, 4W, 60HZ SERVICE.
- 7 1-#10 THHN-CU GROUND CONDUCTOR IN 3/4" C. TO GROUNDING ELECTRODE SYSTEM AS REQ'D BY ARTICLE 250 OF THE NEC, DELETED
- 8 4-#6 THHN-1" C.
- 9 3-#2 THHN-CU-1" C.
- 10 PHOTO-ELECTRIC CONTROL, INTERMATIC #KH21, MOUNT ON 1/2" C, 12" ABOVE ROOF, FACING NORTH.
- 11 REMOVE EXISTING SINGLE PHASE SERVICE IN THIS LOCATION COMPLETELY AFTER NEW 3 PHASE SERVICE IS ACTIVATED. DOWN-TIME WILL BE KEPT TO AN ABSOLUTE MINIMUM & THEN ONLY WITH THE AGC. DIRECTOR'S APPROVAL. NOTIFY A.C.C. DIRECTOR AT LEAST FOUR (4) DAYS PRIOR TO REQUIRED SHUT-DOWN.
- 12 3-#3/0 THHN-CU-1 1/2" C.
- 13 4-#4/0 # 6-#2 THHN-CU-2 1/2" C.
- 14 DELETED
- 15 DELETED
- 16 PROVIDE TEMPORARY SERVICE TO PANELS "D" & "E" BEFORE DISCONNECTING & REMOVAL OF EXISTING SERVICE EQUIPMENT LOCATED AT THIS APPROX. POINT ON EXIST. BLDG.
- 17 NEW 2" C. FOR TELEPHONE SERVICE, COMPLETE THIS INSTALLATION BEFORE DEMOLITION OF EXIST. BLDG.
- 18 EXISTING BUILDING TO BE DEMOLISHED. DISCONNECT ALL ELECTRICAL SERVICES TO BUILDING & PROVIDE TEMPORARY SERVICES, ETC., FOR ANY REQUIRED SERVICES, FEEDERS, RADIO ANTENNA, INTERCOM & TELEPHONE, CLOSED CIRCUIT TV, ETC.
- 19 SAFETY SWITCH, SIZE FOR EXISTING TRUCK WASH BLDG & FUSE ACCORDINGLY, TAP REQUIRED FEEDER TO MAINS OF PANEL "A" & EXTEND TO EXIST. TRUCK WASH SERVICE SWITCH, REMOVE EXIST. TRUCK WASH OVERHEAD SERVICE DROP & METER, SIZE FEEDER ACCORDINGLY.
- 20 DELETED

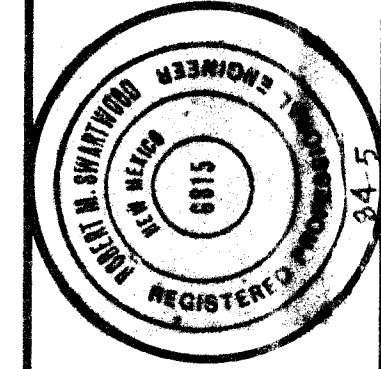
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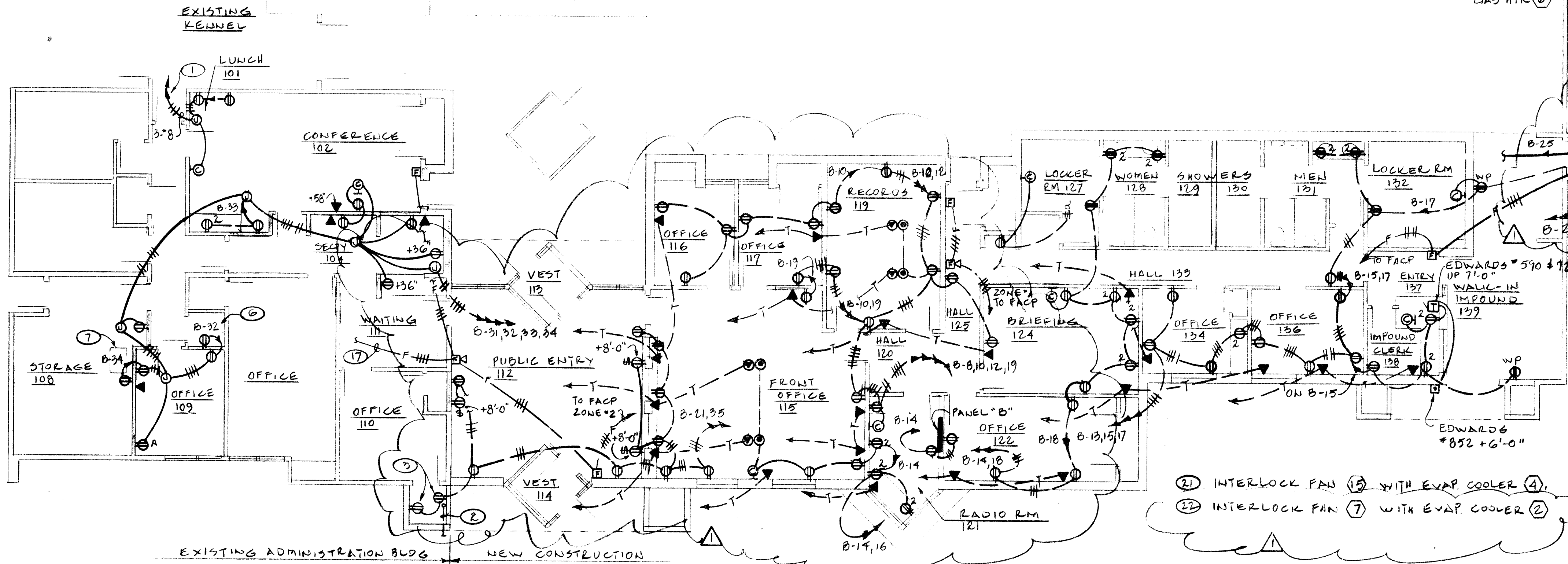
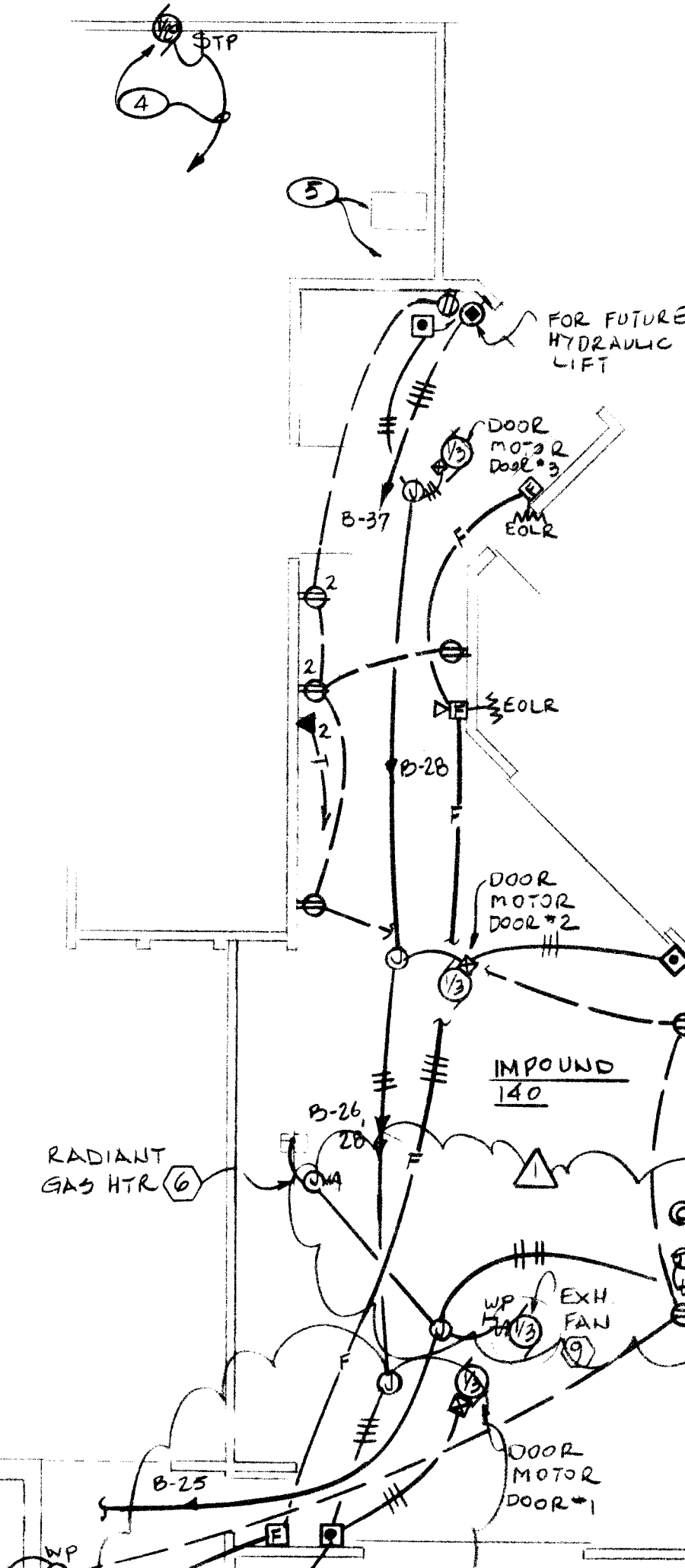
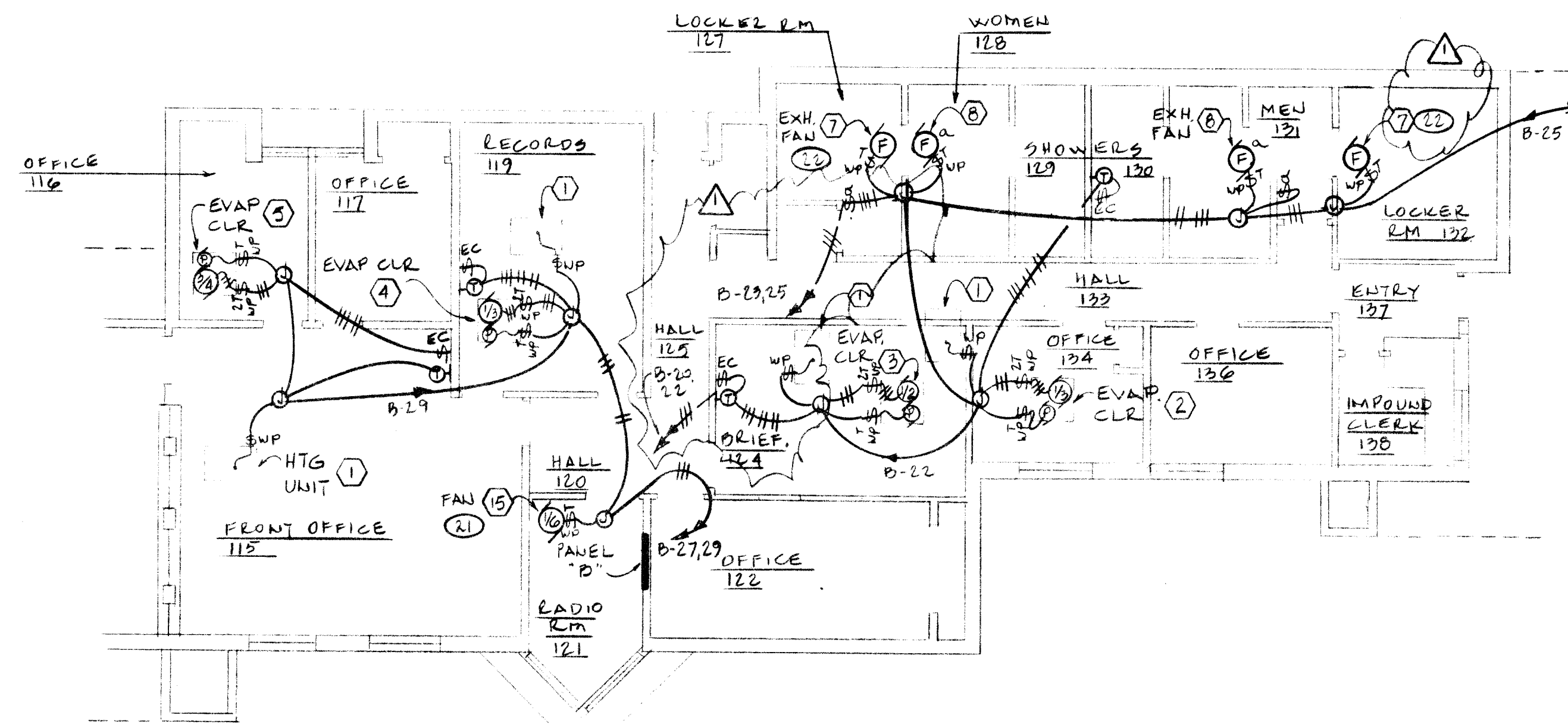
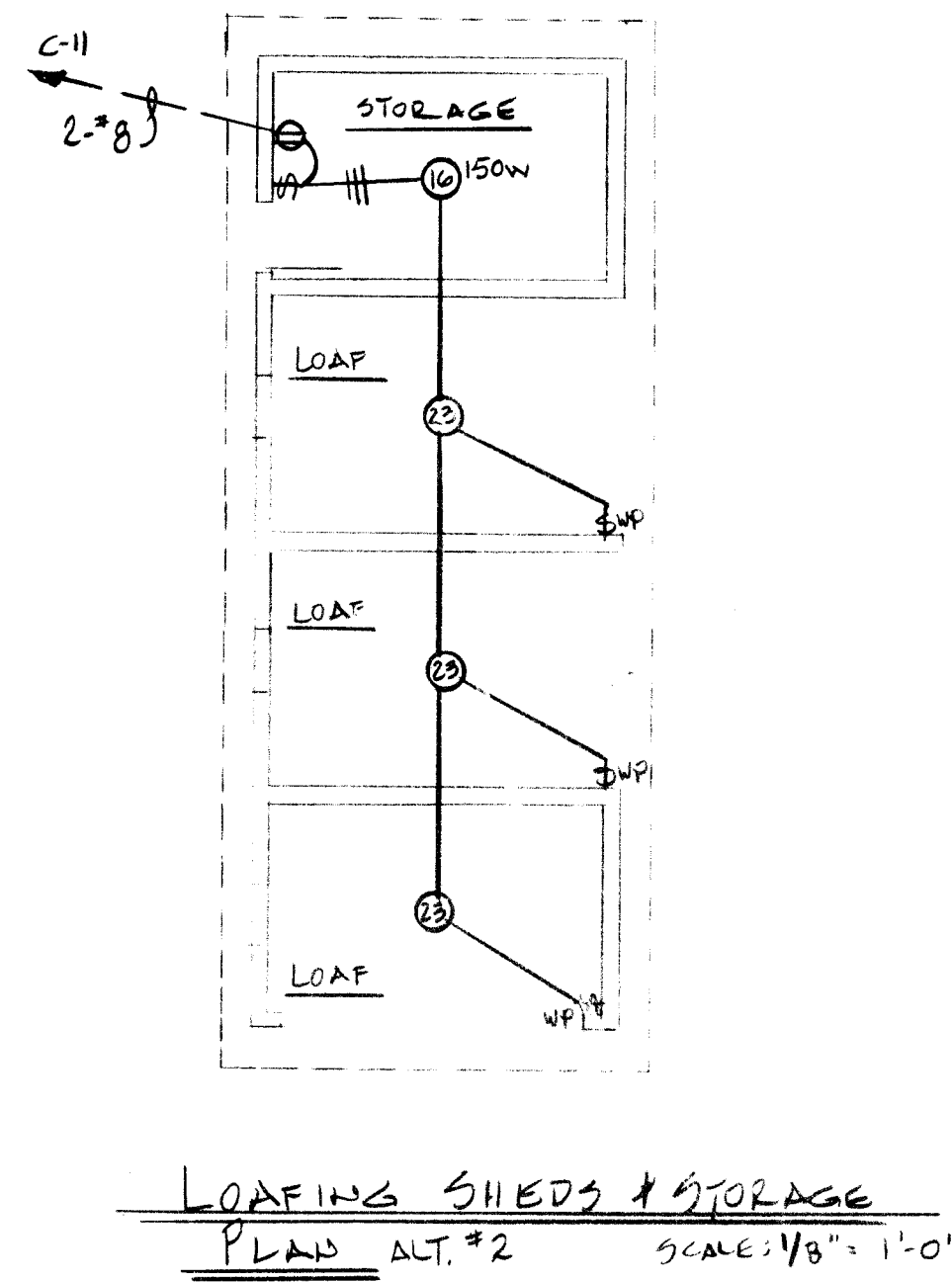
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#### GENERAL NOTES

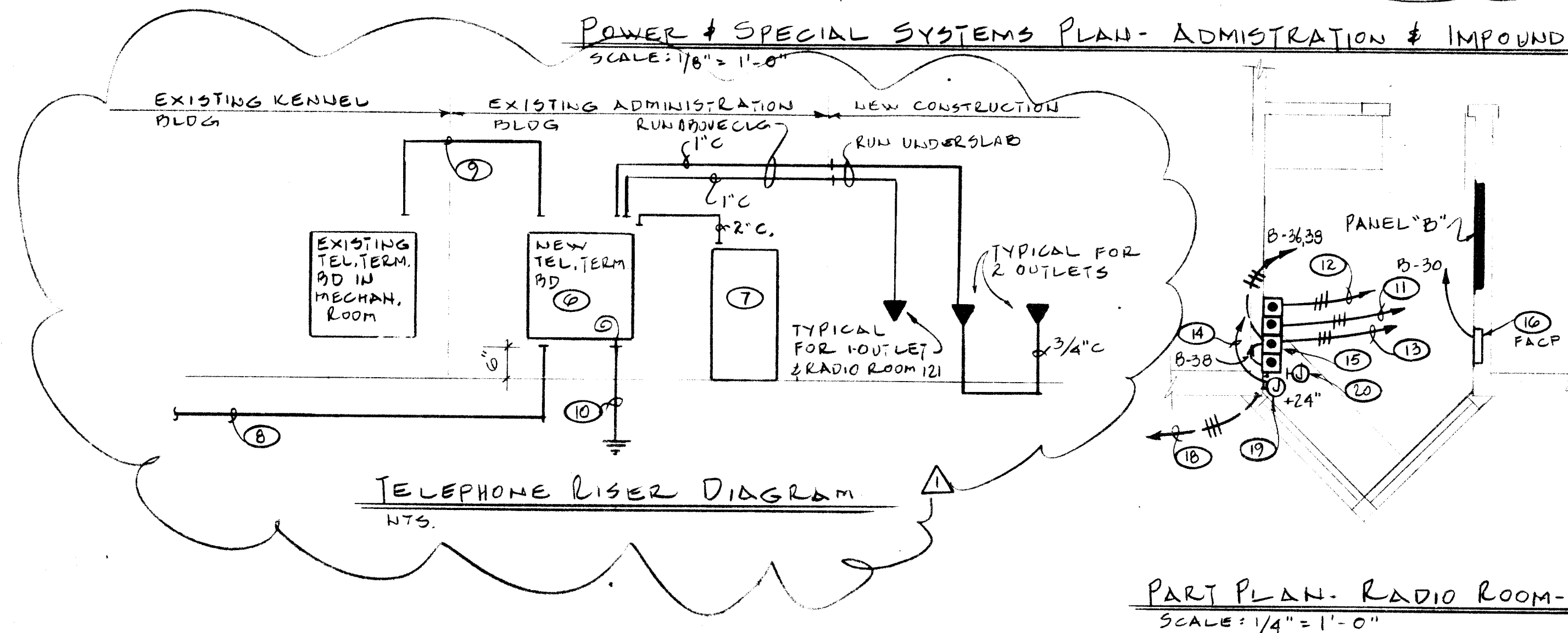
- CONDUIT: 1/2" MINIMUM SIZE; ENT OR EMT CONCEALED ABOVE GRADE, PVC SCHEDULE 40 BELOW GRADE OR EMBEDDED IN CONCRETE; RIGID WHERE EXPOSED, SEE SPECS.
- WIRE: #12 AWG MINIMUM SIZE, THHN INSULATION, COPPER CONDUCTORS, ALUMINUM WILL NOT BE PERMITTED.

#### KEYED NOTES

- TO EXISTING PANEL "A" CONNECT TO 2 SPARE CIRCUITS IN PUL "A" WHICH IS LOCATED IN THE MECHANICAL ROOM AT THE FAR END OF THE KENNEL PORTION OF THIS BUILDING.
- 3/4" C. STUBBED OUT 12" BEYOND BLDG. & CAPPED. STUB UP TO APPROX 48" AFF INSIDE BLDG.
- FOR CONNECTION TO IRRIGATION SYSTEM CONTROLLER, UP 5'-0" ABOVE FLOOR.
- EXISTING THRU-WALL EXHAUST FAN RELOCATED BY MECH. CONTRACTOR, RECONNECT TO EXIST. CIRCUIT AS REQ'D. ELEC. CONTR. SHALL DISCONNECT FAN AT EXIST. LOCATION.
- DISCONNECT EXISTING CONDENSING UNIT & RECONNECT AS REQ'D AFTER RELOCATION BY MECH. CONTR.
- INSTALL NEW PLYWOOD BACKBOARDS ON 3 WALLS OF CLOSET. BOTTOM 18" ABOVE FLOOR & TOP AT CEILING.
- RELOCATED TEL. RECORDING MACHINE.
- 2" C. TO PROPERTY LINE, SEE SITE PLAN & NOTE (19) ON SHT E-1
- 2" C. ABOVE CEILING, TERMINATE BOTH ENDS AS REQUIRED FOR TEL. RECORDER.
- #6 GROUND CONDUCTOR IN 1/2" C. FOR TEL. CO. USE & AS REQ'D BY TEL. CO.
- TO DOOR #1 CONTROLLER, WIRE SO THAT EITHER CONTROL POINT WILL OPEN OR CLOSE DOOR.
- SAME AS (11) EXCEPT TO DOOR #2.
- TO RELOCATED GATE OPERATOR, SEE ELEC. SITE PLAN ON SHT E-1
- 1/2" C. UP TO ROOF, TERMINATE 12" ABOVE ROOF & CAP. INSTALL CONDUIT STUB THEN ROOF NEAR CENTER LINE OF ROOF IN NORTH-SOUTH DIRECTION, FOR FUTURE RADIO ANTENNA.
- REMOTE CONTROL STATIONS FOR 2 SLIDING GATES & 2 OVERHEAD DOORS, MATCH PRESENT CONTROLS & FLUSH MOUNT IN WALL, PROVIDE ENGRAVED NAMEPLATES FOR EACH CONTROL.
- NEW FIRE ALARM CONTROL PANEL, EDWARDS #2281-201 WITH #1526-53A STAND BY BATTERY & #2284-1 BACK BOX & #2284-2 FLUSH TRIM, TOP OF PANEL AT 6'-0" ABOVE FLOOR.
- CONNECT TO EXISTING FIRE ALARM DEVICES IN EXISTING BLDG. REMOVE EXISTING FIRE ALARM CONTROL PANEL, REPLACE EXIST. HORNS WITH NEW HORN/STROBE UNITS, SEE SYMBOLS. (3 REQ'D)
- TO EXISTING GATE OPERATOR (NORTHGATE) SEE SITE PLAN, SHT E-1.
- FOR FUTURE RADIO ANTENNA CONNECTIONS TO BASE STATION.
- FOR C.C.T.V. SYSTEM, ROUTE ALL CAMERA WIRING TO THIS POINT IN CONDUIT, PROVIDE CAMERA POWER AS REQUIRED.

#### POWER & SPECIAL SYSTEMS PLAN- ADMINISTRATION & IMPOUND AREAS

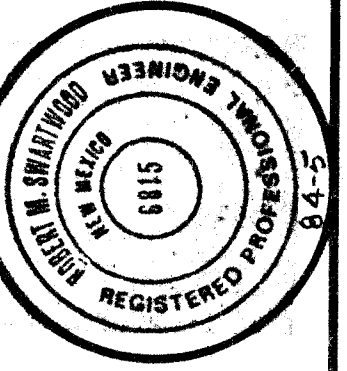
SCALE: 1/8" = 1'-0"



#### PART PLAN- RADIO ROOM-121

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

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