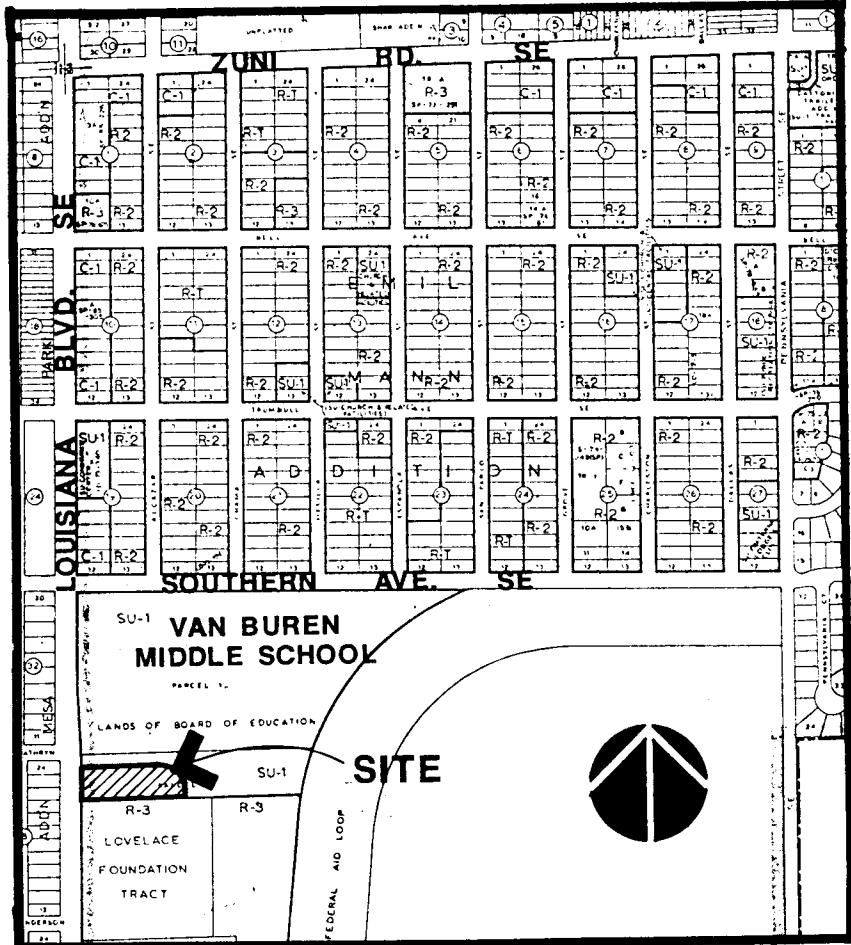


VICINITY MAP
L-19



ADMINISTRATION

MAYOR:

KEN SCHULTZ

CHIEF OF POLICE:

SAM BACA

LEGAL DESCRIPTION

A CERTAIN TRACT OF LAND LOCATED WITHIN THE CORPORATE LIMITS OF THE CITY OF ALBUQUERQUE, NEW MEXICO COMPRISING PARCEL 2, THE WEST 1/2 OF SECTION 30, TOWNSHIP 10 NORTH, RANGE 4 EAST, NMPM, LANDS OF BOARD OF EDUCATION, AS SHOWN ON THE WARRANTY DEED FILED IN THE OFFICE OF THE COUNTY CLERK OF BERNALILLO COUNTY, NEW MEXICO ON AUGUST 2, 1960. BOOK 0554, FOLIO 613, AND BEING MORE PARTICULARLY DESCRIBED AS FOLLOWS: BEGINNING AT NW CORNER OF THE PARCEL HEREIN DESCRIBED, BEING THE NW CORNER OF SAID PARCEL 2, ALSO BEING A POINT ON THE E RIGHT OF WAY LINE OF LOUISIANA BOULEVARD SE; THENCE N 89 DEGREES 29 FEET 17 INCHES E A DISTANCE OF 924.76 FEET TO A POINT ON THE W RIGHT OF WAY LINE OF FEDERAL AID LOOP; THENCE ALONG THE ARC OF A CURVE TO THE LEFT WITH DELTA = 10 DEGREES 24 FEET 20 INCHES, R = 1088.28 FEET AND L = 197.64 FEET ALONG SAID RIGHT OF WAY LINE; THENCE S 89 DEGREES 30 FEET 11 INCHES W A DISTANCE OF 869.64 FEET TO A POINT ON THE E RIGHT OF WAY LINE OF LOUISIANA BOULEVARD SE; THENCE N 0 DEGREES 48 FEET 0 INCHES A DISTANCE OF 187.77 FEET TO THE POINT OF BEGINNING AND CONTAINING 3.8580 ACRES MORE OR LESS.

DESIGN CRITERIA

SEISMIC ZONE	2
CONSTRUCTION TYPE	II-N
OCCUPANCY GROUP	B-2
ZONING	SU-1 (POLICE SUBSTATION)
SQUARE FOOTAGE	9,375 SF
PARKING SPACES REQUIRED	47 SPACES
PARKING SPACES PROVIDED	101 REGULAR 4 HANDICAP

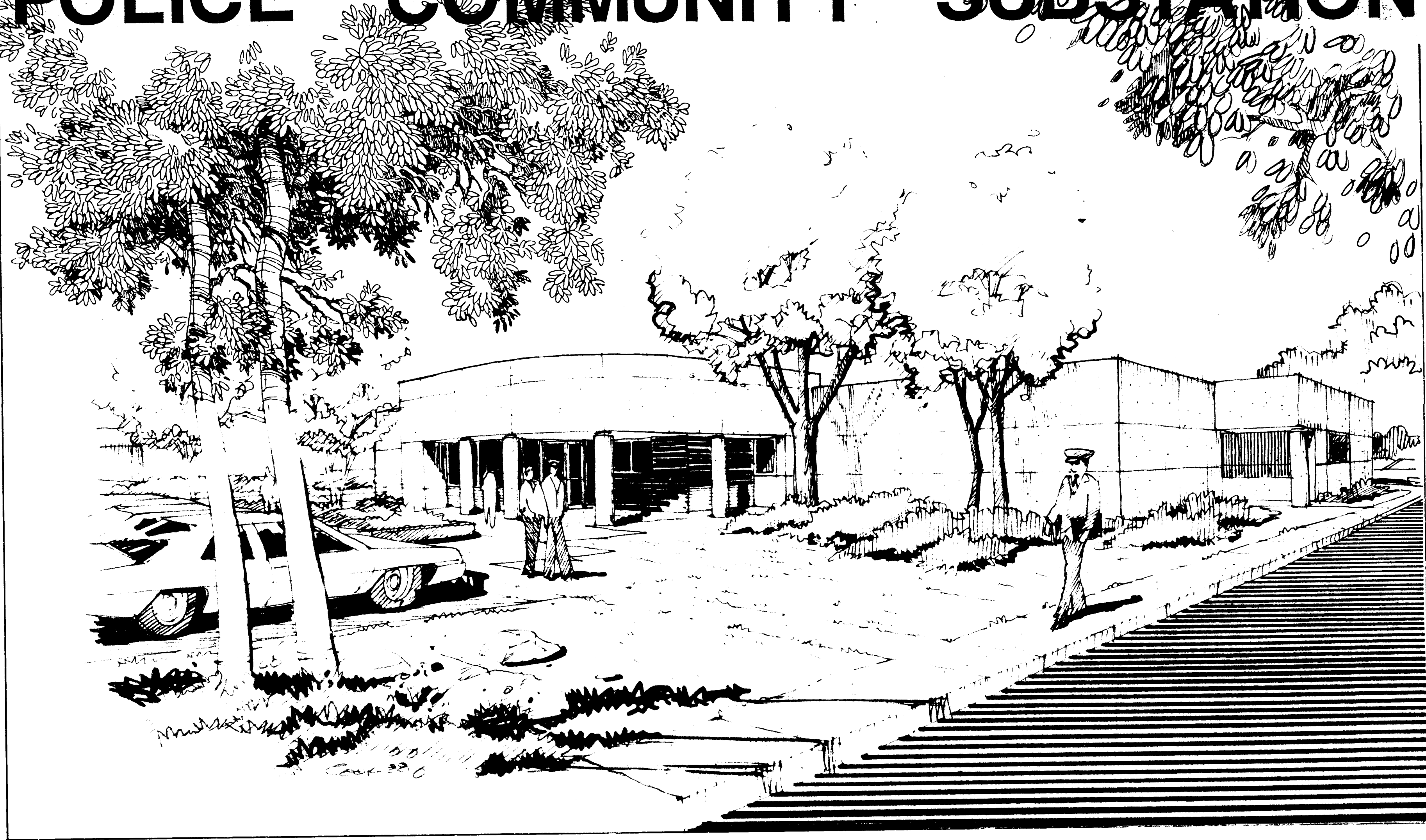
OWNERSHIP OF DOCUMENTS

DRAWINGS AND SPECIFICATIONS AS INSTRUMENTS OF SERVICE ARE AND SHALL REMAIN THE PROPERTY OF THE ARCHITECT WHETHER THE PROJECT FOR WHICH THEY ARE MADE IS EXECUTED OR NOT. THEY ARE NOT TO BE USED BY THE OWNER ON OTHER PROJECTS OR EXTENSIONS TO THIS PROJECT EXCEPT BY AGREEMENT IN WRITING AND WITH APPROPRIATE COMPENSATION TO THE ARCHITECT.

CONSULTANTS

CIVIL	JEFF MORTENSEN & ASSOCIATES, INC.
STRUCTURAL	CHAVEZ-GRIEVE CONSULTING ENGINEERS, INC.
MECHANICAL	PARRA-SOLTYS ENGINEERING, INC.
ELECTRICAL	ALLIED ENGINEERING
LANDSCAPING	DENNIS C. WILKINSON & ASSOCIATES

PHIL CHACON SOUTHEAST AREA
POLICE COMMUNITY SUBSTATION



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C2	ENLARGED PLAN/MISC. DETAILS/ALTERNATE #4
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C4	PAVING IMPROVEMENTS PLAN AND PROFILE
C5	PAVING IMPROVEMENTS PLAN AND PROFILE
C6	PAVING IMPROVEMENTS PLAN AND PROFILE
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E-2	LIGHTING PLAN
E-3	POWER PLAN
E-4	SPECIAL SYSTEMS
E-5	SCHEDULE/LEGEND/RISER

APPROVED FOR CONSTRUCTION

CITY PROJECT NO. 3542

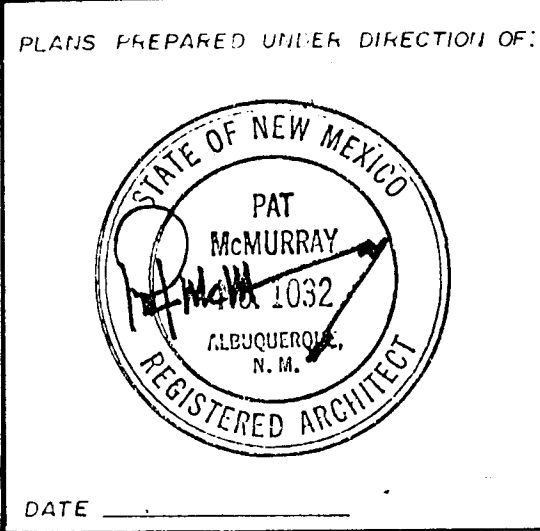
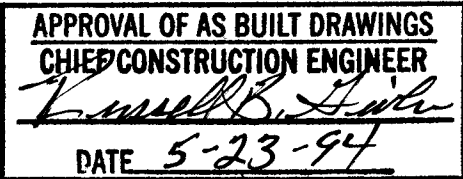
ALBUQUERQUE POLICE DEPARTMENT

DATE

PARKS AND RECREATION DEPARTMENT

DATE

C of A PWD Maps & Records											
1	2	3	4	5	6	7	8	9	10	11	12
26	35	42	01	94							



APPROVED FOR
CONSTRUCTION

Pat McMurray
CITY ENGINEER

PROJECT NO. 3542

SHEET OF

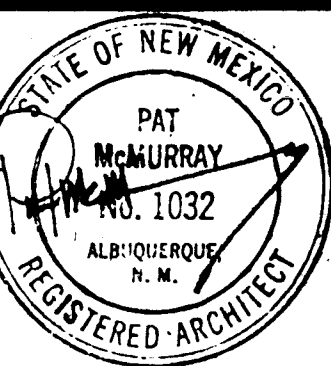
- NOTES: C1
- EXISTING FIRE HYDRANT AS PER CITY SURVEY.
 - PHIL CHACON PARK ENTRY SIGN TO BE LOCATED HERE.
 - EXISTING 6" CONCRETE WALK.
 - APD SIGN SEE ELEVATION 5/C2.
 - NEW HANDICAP RAMP CUT IN EXISTING 6" CONCRETE WALK PER CITY STANDARD DWG. NO. 2441.
 - EXISTING POWER POLE TO REMAIN.
 - PWM EASEMENT AS PER CITY SURVEY.
 - CONCRETE WALK. SCORING AS SHOWN.
 - PROVIDE EXP. JTS. AT ALTERNATE SCORE JTS. SEE SPECIFICATIONS.
 - 6" CHAIN LINK FENCE. SEE DETAIL 7/C1. SEE SPECIFICATIONS.
 - 4" X 4" PLANTER CUT-OUTS W/ NEENAH R-5710 165 SQUARE GATE A/ TYPE U FLAWE.
 - ASPHALT DRIVE INDICATED BY SHADED AREA.
 - HANDICAP SIGNAGE AS PER CITY STANDARDS. LOCATE SIGN 3'-0" FROM CURB AND CENTERED ON PARKING SPACE. 4 NEEDED.
 - BICYCLE RACK (6 BICYCLES). SEE SPECIFICATIONS.
 - ASPHALT PARKING AREA.
 - NEW HANDICAP RAMP AS PER CITY STANDARD DWG. NO. 2441.
 - 6" WALL SEE DETAIL 5/C1.
 - PEDESTRIAN ACCESS. SEE SPECIFICATIONS.
 - REFUSE ENCLOSURE. SEE DETAIL 2/C2.
 - EXISTING 5" CHAIN LINK FENCE.
 - CHAIN LINK ACCESS GATES. SEE SPECIFICATIONS.
 - PROPERTY LINE.
 - TAPERED ALUMINUM FLAGPOLE, 30'-0" IN HEIGHT. SEE DETAIL 6/C1.
 - CONNECT NEW 6'-0" CHAIN LINE FENCE TO EXISTING FENCE.
 - LANDSCAPE AREA.
 - 10" DIAMETER CORRUGATED METAL TUBE.
 - STEEL CENTERING WEDGES.
 - STEEL PLATES. SEE SPECIFICATIONS.
 - GROUNDING ROD. SEE SPECIFICATIONS.
 - CAST ALUMINUM COLLAR SET IN SEALANT BED.
 - WEDGES AS REQUIRED.
 - TAMPED DRY SAND, SCREENED.
 - 4" CONCRETE WALK W/ 6 X 6 10/10 W.W.F., BROOM FINISH, AND TROWEL EDGES. SCORING AS SHOWN TYPICALLY 5'-0" O.C. W/ EXPANSION JTS. AT 10'-0". USE 1/2" EXPANSION JT. MTL. SEE SPECIFICATIONS.
 - 6" X 18" CONT. CONCRETE CURB, W/ (1) #4 BAR CONT. AT TOP AND BOTTOM. 1/2" CHAMFERED EDGES TYP. PROVIDE VERTICAL EXPANSION JOINTS AT 18'-0" O.C. MAX. USING 1/2" EXPANSION JOINT MATERIAL.
 - CITY STANDARD CURB AND GUTTER.
 - 3" ASPHALT ON COMPACTED SUBGRADE. SEE SPECIFICATIONS.
 - 1/2" EXPANSION JOINT MATERIAL W/ SEALANT AT TOP 1/2" MIN.
 - 4" X 1'-6" CONCRETE MOW STRIP W/ 1/2" EXPANSION JOINT AND CAULKING MATERIAL BETWEEN WALL OR BUILDING. SLOPE AWAY FROM STRUCTURE 1/4" PER FOOT.
 - 6" X 8" X 16" CMU W/ 8" SCORED FACE. PAINT. SEE SPECIFICATIONS.
 - 2 #4'S CONT. IN GROUTED BOND BEAM.
 - #4 AT 24" O.C. INTO GROUTED CELLS AND STANDARD DOWELL IN ALTERNATING COURSES.
 - 6" WIDE CMU W/ 8" X 8" SCORED FACE. GROUT CELLS SOLID BELOW GRADE.
 - 2 #4'S AT 24" O.C. E.W.
 - 3 - #4'S CONT.
 - 1/4" CONCRETE PEAK AT TOP OF BOND BEAM TO ALLOW WATER TO DRAIN. PAINT.
 - VISITOR PARKING ONLY SIGN. SEE SPECIFICATIONS.
 - POLICE PARKING ONLY SIGN. SEE SPECIFICATIONS.
 - NEW FIRE HYDRANT.
 - SPLASH BLOCK TYPICAL OF 8. SEE DETAIL 7/C2.
 - 1-1/4" DIA. TOP RAIL.
 - 2" DIA. LINE POST.
 - 2-1/2" DIA. END POST.
 - 9 GAUGE FABRIC KNUCKLE TO KNUCKLE SELVAGE (GALVANIZED).
 - 1/4" X 3/4" BAND TYPICAL.
 - 1/4" X 3/4" FLAT STRETCH BAR.
 - 3000 PSI CONCRETE FOOTING.
 - COMPACT SUBGRADE.
 - 6" X 12" MOW STRIP.
 - CONSTRUCT ASPHALT PAVING CUT-OFF WALL PER CITY STANDARD DETAIL - STANDARD DWG. NO. 2415.

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 35 42 51 64 73 82 91 100

ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

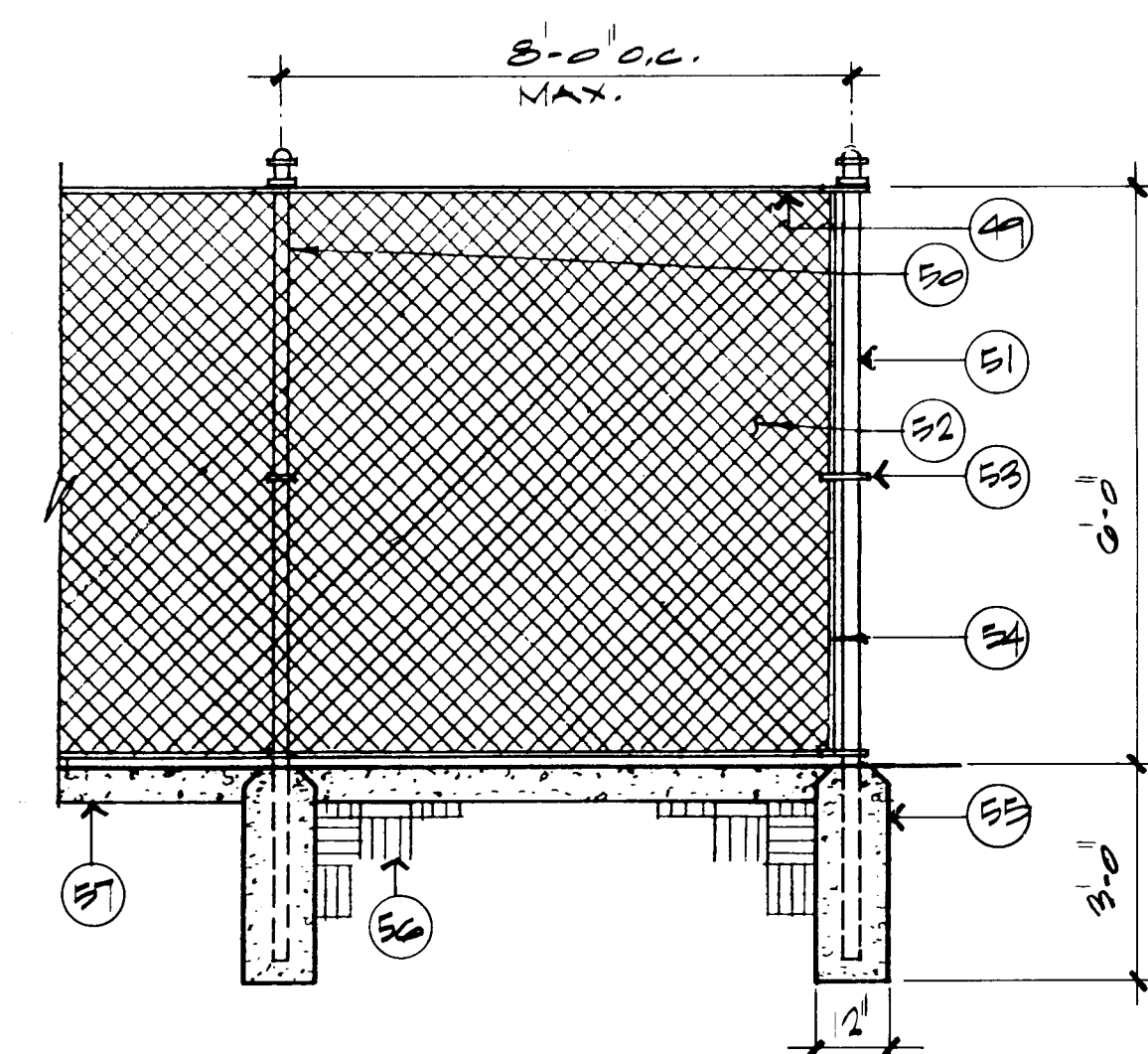
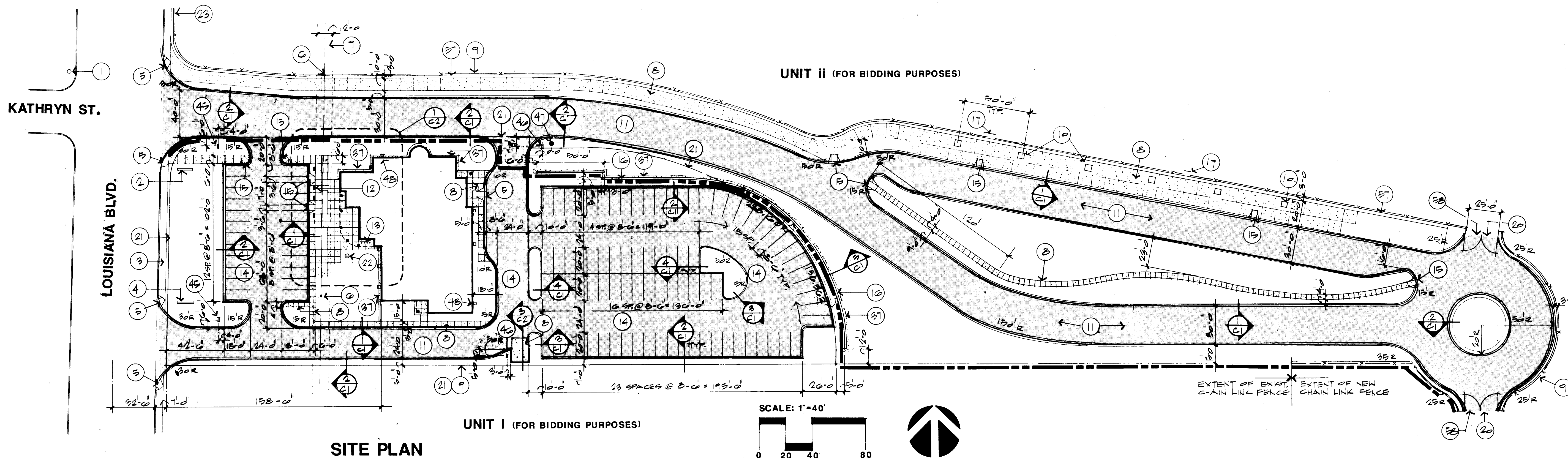
SITE PLAN / DETAILS

THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS

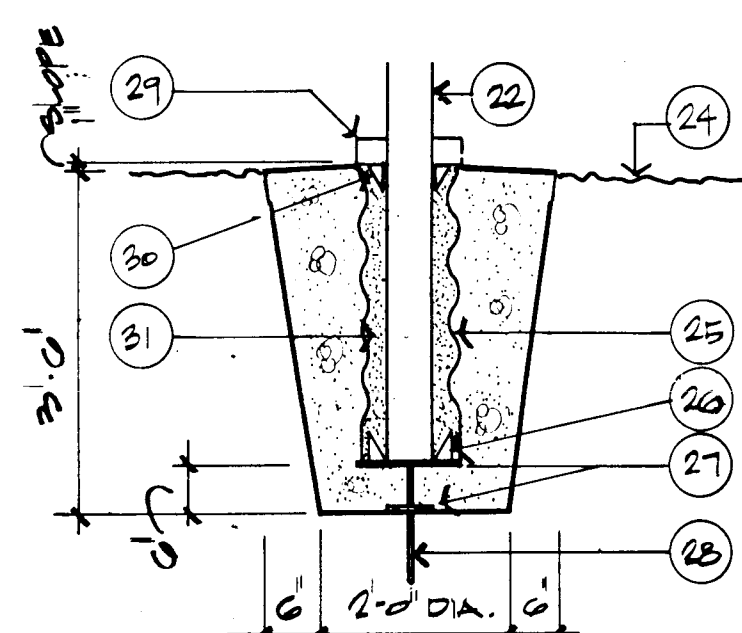


DATE:
NOVEMBER 1988
SHEET #
C1

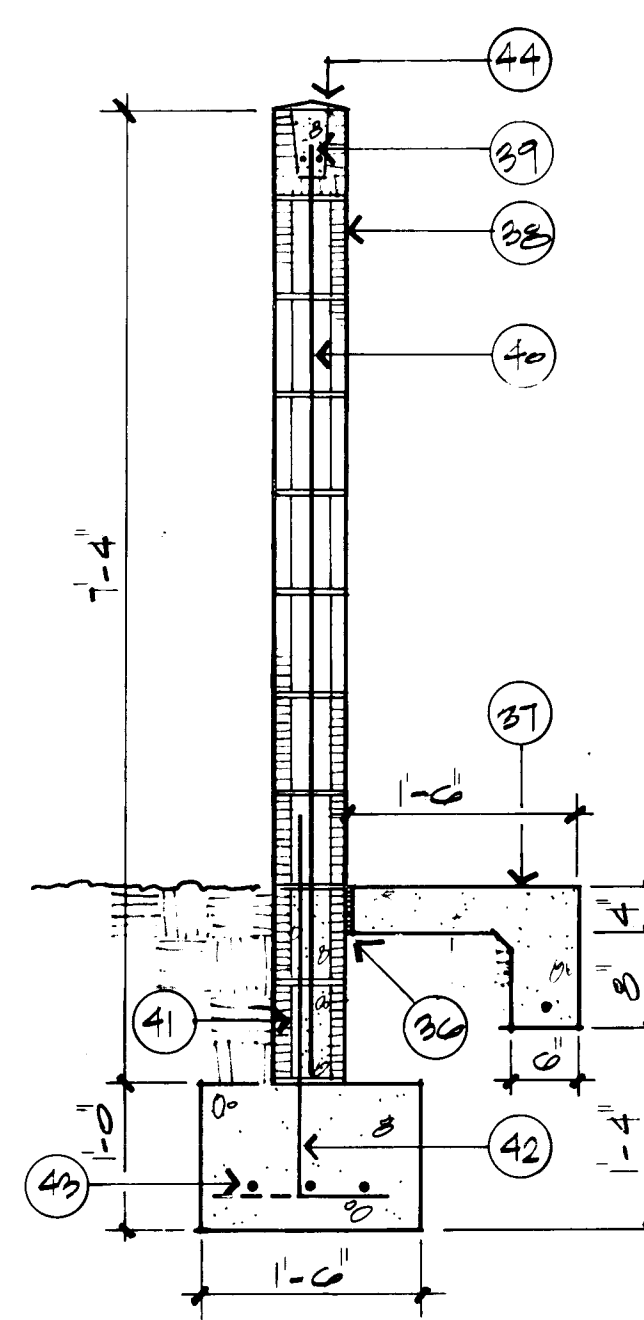
381 GOLD AVENUE SW / SUITE 204 / ALBUQUERQUE, NM 87102



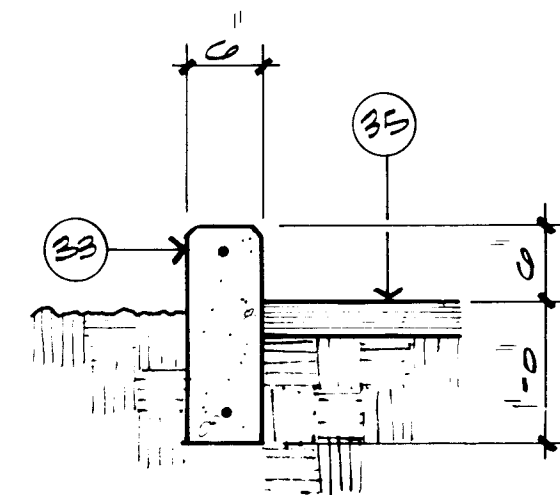
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C1
CHAINLINK FENCE DETAIL
3/4"=1'-0"



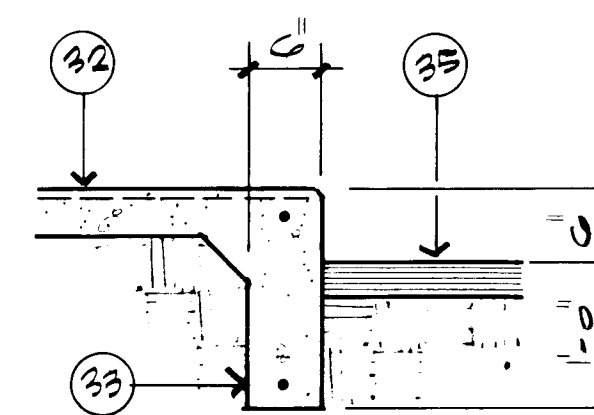
6
C1
FLAGPOLE
1/2"=1'-0"



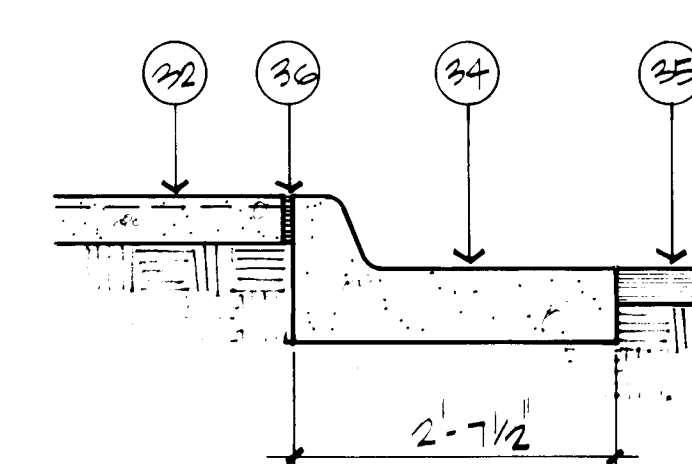
5
C1
DETAIL @ WALL
3/4"=1'-0"



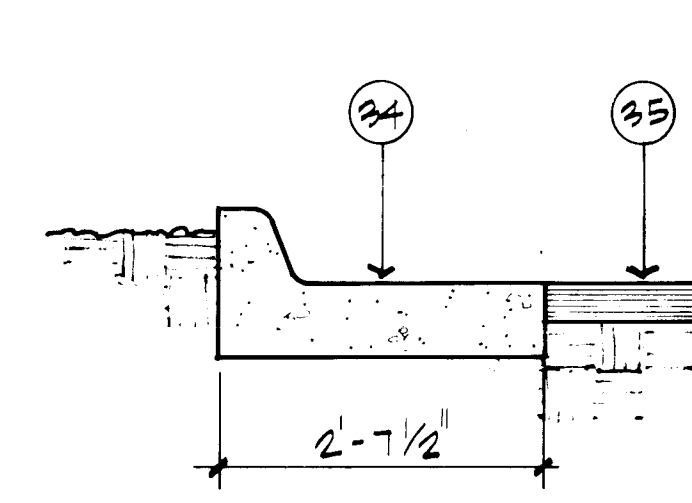
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C1
CURB DETAIL
3/4"=1'-0"



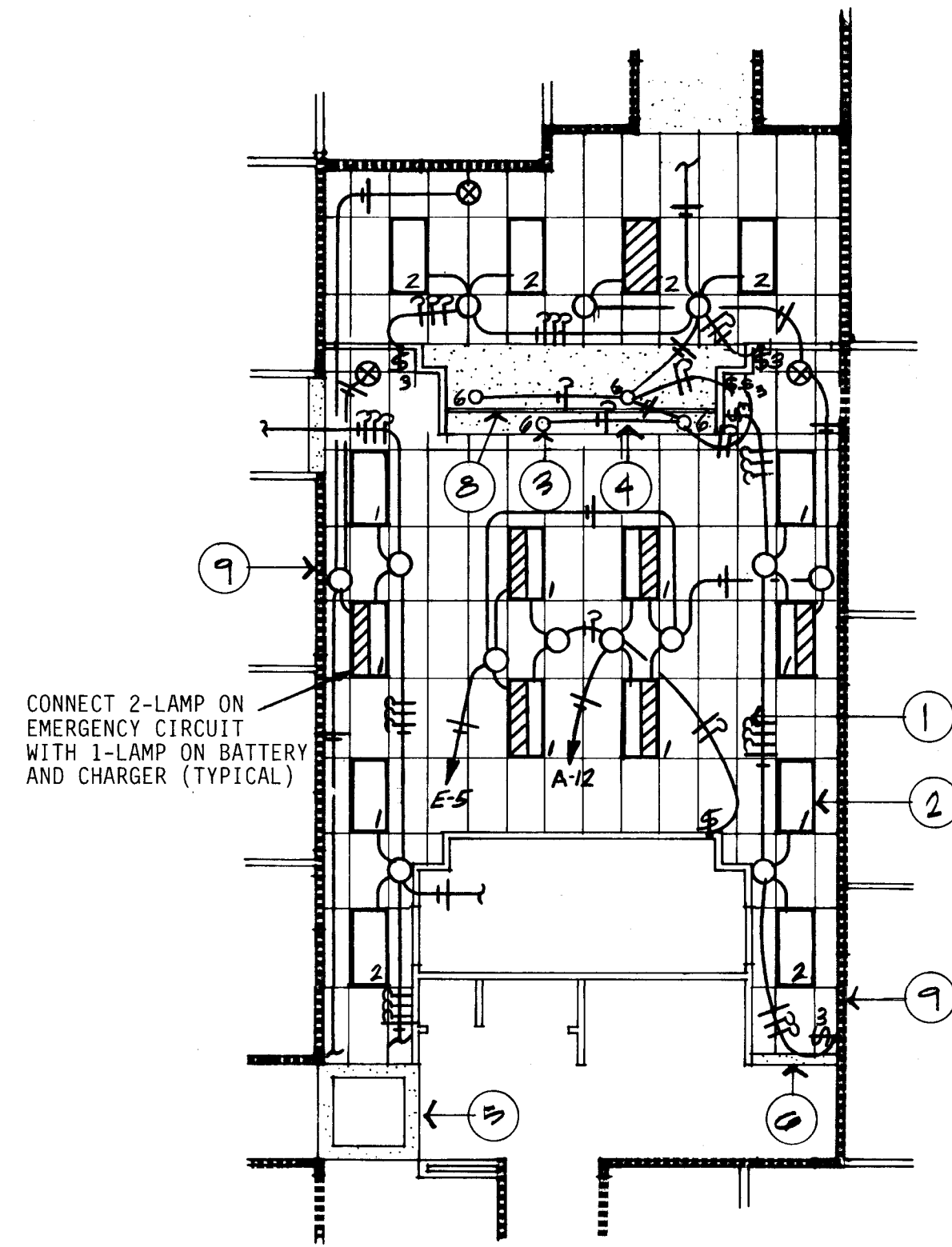
4
C1
CURB DETAIL
3/4"=1'-0"



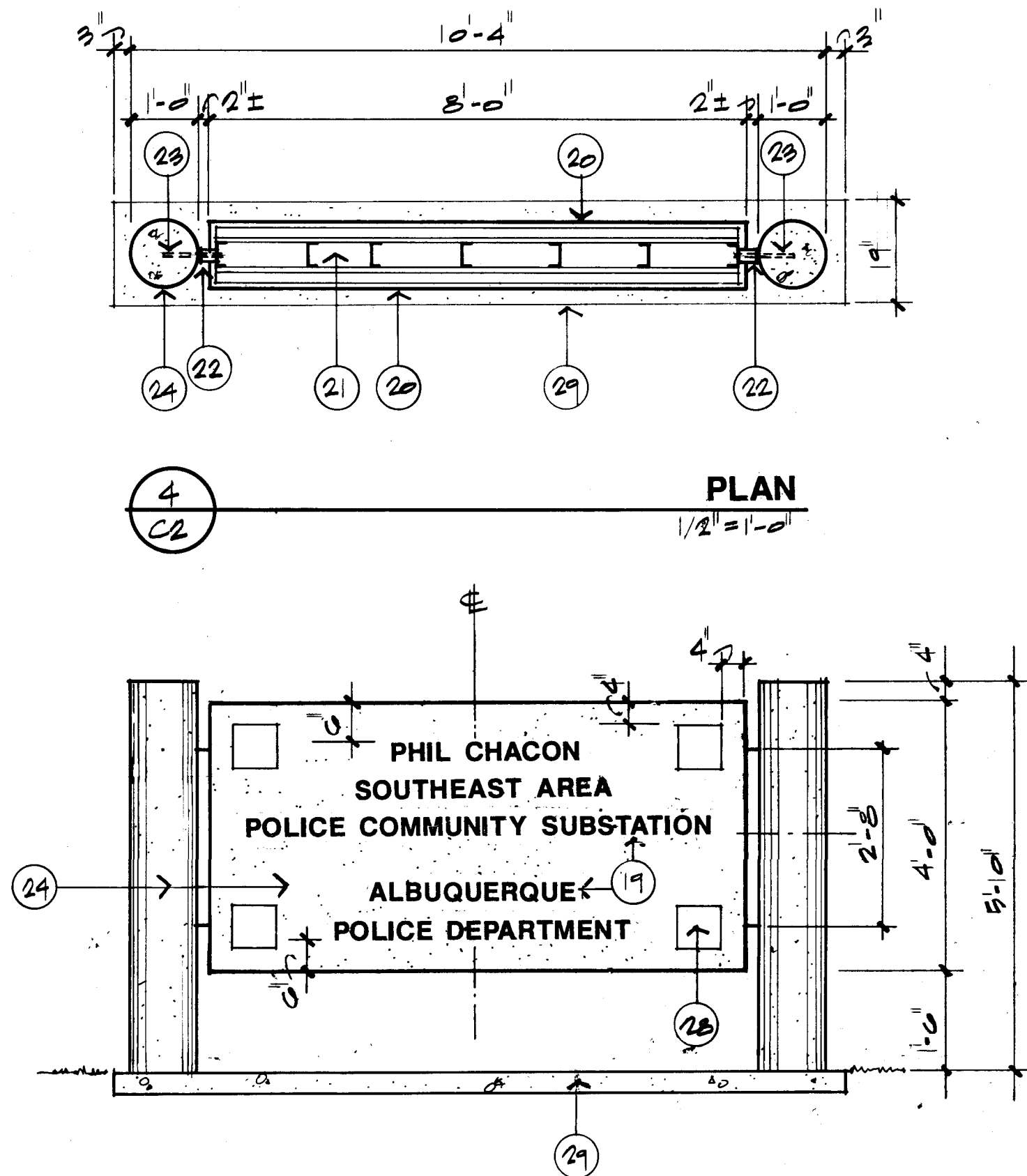
1
C1
CURB & GUTTER
3/4"=1'-0"



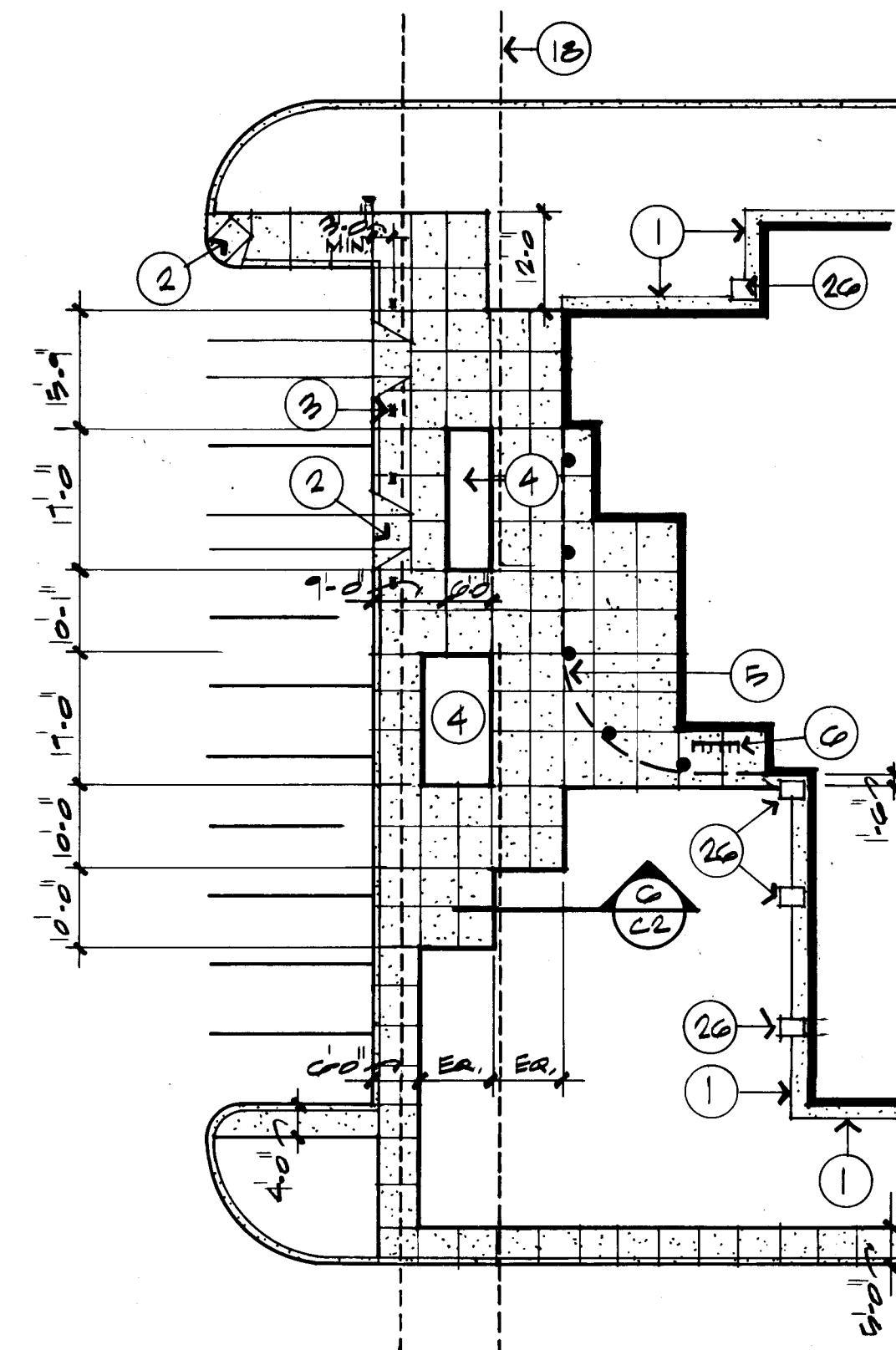
2
C1
CURB & GUTTER
3/4"=1'-0"



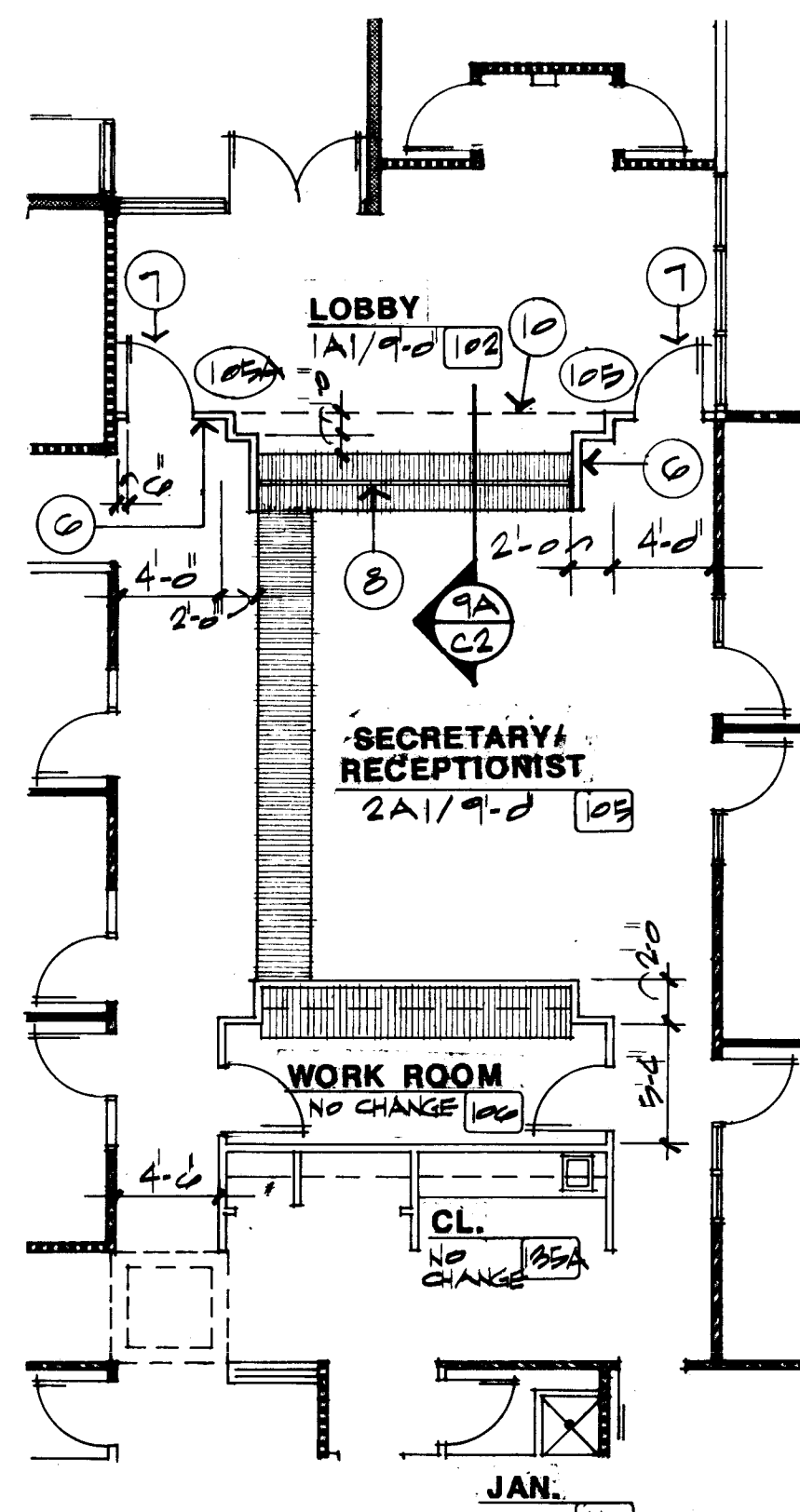
8
C2 **ALTERNATE #5 REFLECTED CEILING PLAN**
(SPECIFICATIONS SECTION 1100) LIGHTING PLAN
1/8"=1'-0"



5
C2 **EXTERIOR SIGN ELEVATION**
1/2"=1'-0"



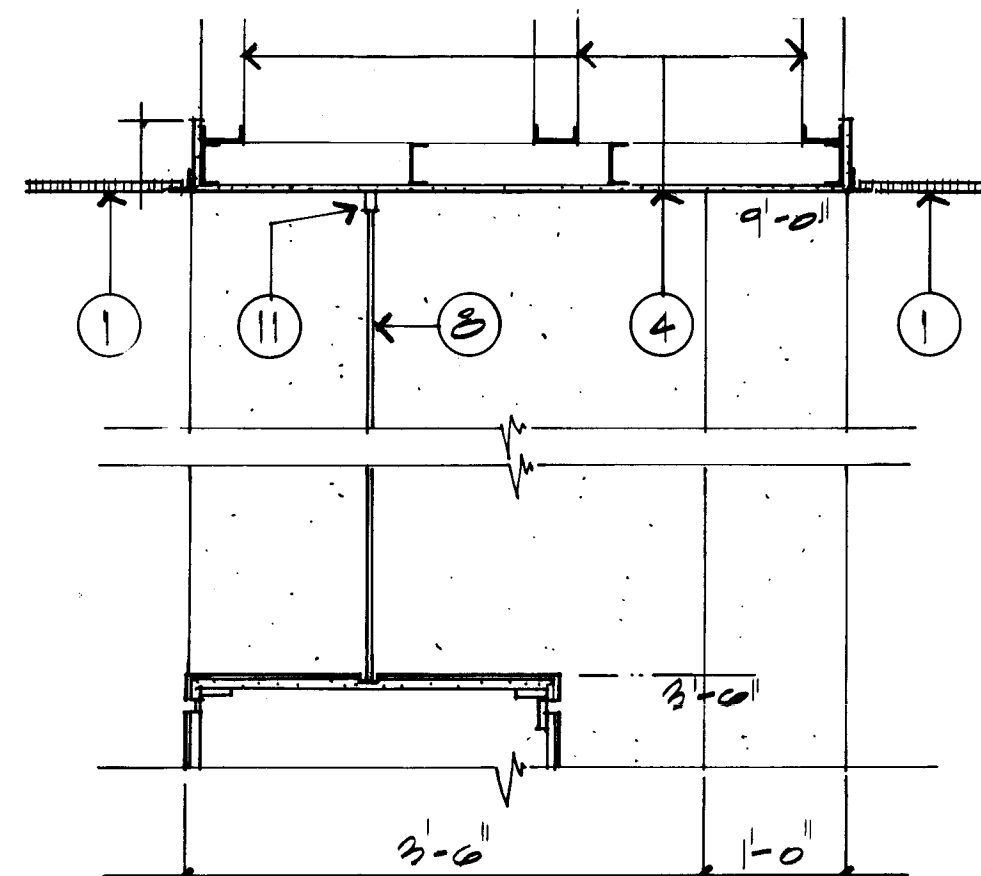
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C2 **ENLARGED PLAN**
1"=2'-0"



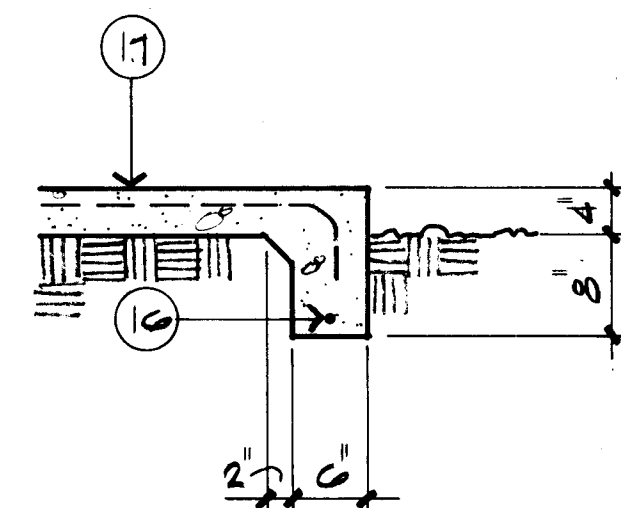
9
C2 **ALTERNATE #5 FLOOR PLAN**
(SPECIFICATIONS SECTION 1100) 1/8"=1'-0"

NOTES: ALTERNATE #5

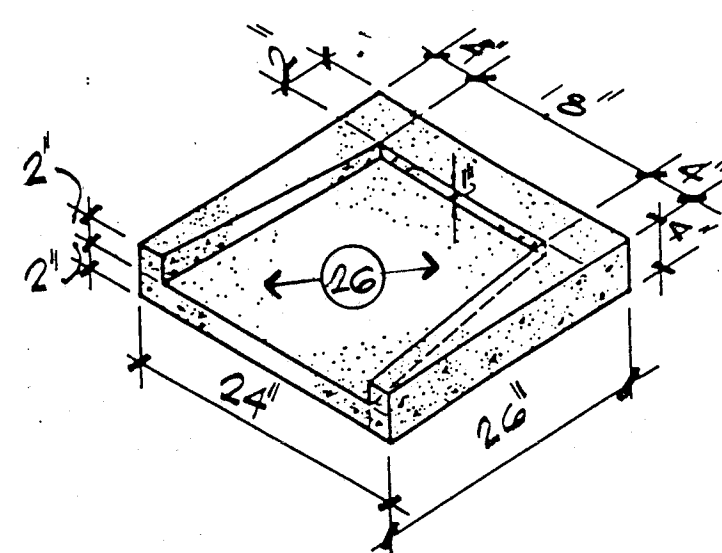
1. ACOUSTICAL LAY-IN CEILING.
2. 2 X 4 FLUORESCENT LIGHT FIXTURE.
3. 6" DIA. LIGHT FIXTURE RECESSED IN GYPSUM BOARD.
4. GYPSUM BOARD CEILING. FRAME W/ 3-5/8" METAL STUDS. SUSPEND FROM STRUCTURE ABOVE.
5. SKYLIGHT, SEE DETAIL 2/A9.
6. 5/8" GYPSUM BOARD OVER 3-5/8" X 25 GA. METAL STUDS AT 24" O.C. TYPICAL INTERIOR PARTITION.
7. 3070 SC-1 BIRCH VENEER FLUSH PANEL DOOR, FRAME B. PROVIDE HARDWARE AS FOLLOWS:
1.5 PR. HINGES 881279 X 4.5 X 4.5 X 652
1 EA. LOCKSET 863-457 X 626 - LESS STRIKE
1 EA. ELECTRIC STRIKE 1460 X 630
1 EA. CLOSER 390E X 689 (INSTALL W/ SNB @ DOOR 123)
1 EA. KICK PLATE 8" X 12" LDW X 630
1 EA. WALL STOP W1276CS X 626
1 EA. PUSH BUTTON PB-710
8. 3/8" TEMPERED GLASS. SEE DETAIL 10/A8.
9. 1-HR. CONSTRUCTION TO EXTEND TO UNDERSIDE OF METAL ROOF DECK.
10. LINE OF GYP. BOARD SOFFIT ABOVE.
11. 1/2" X 2" ALUMINUM FRAME. SECURELY ATTACH TO CEILING.



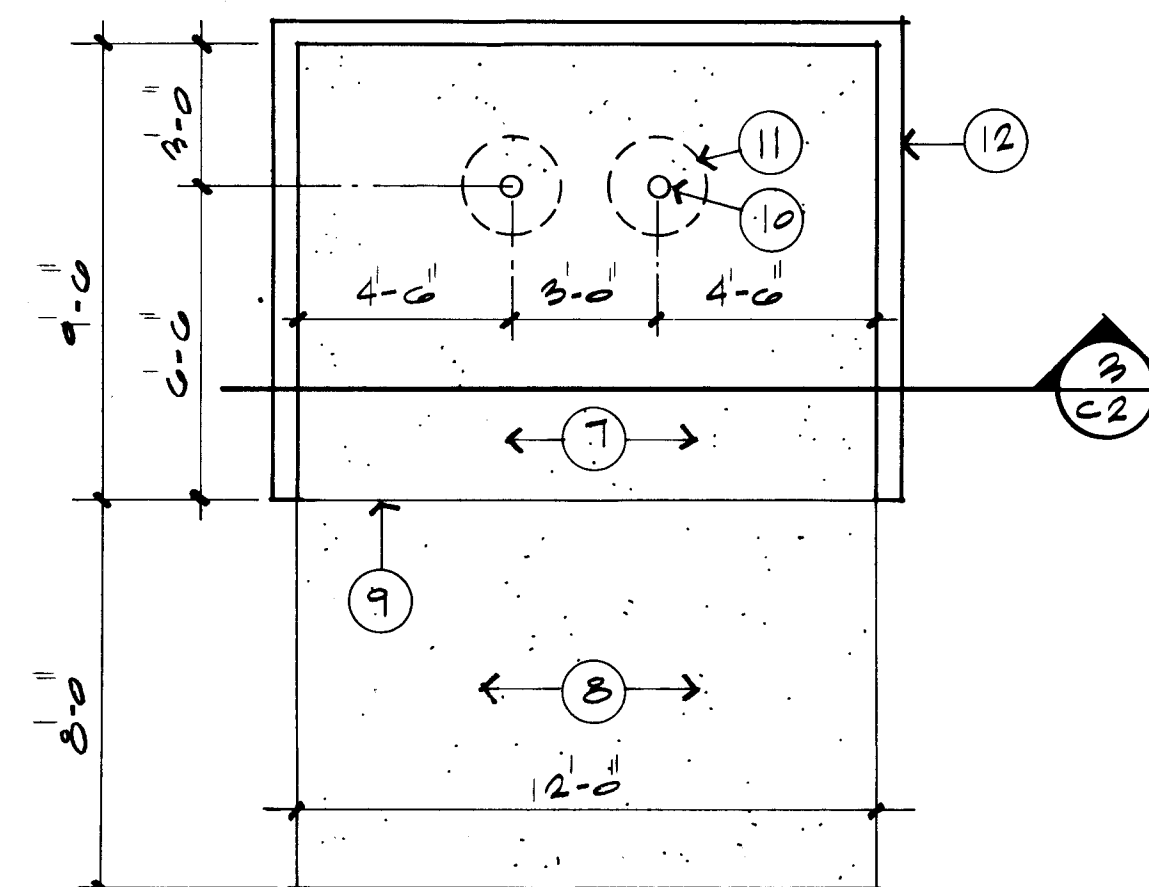
9A
C2 **SECTION @ SOFFIT**
3/4"=1'-0"



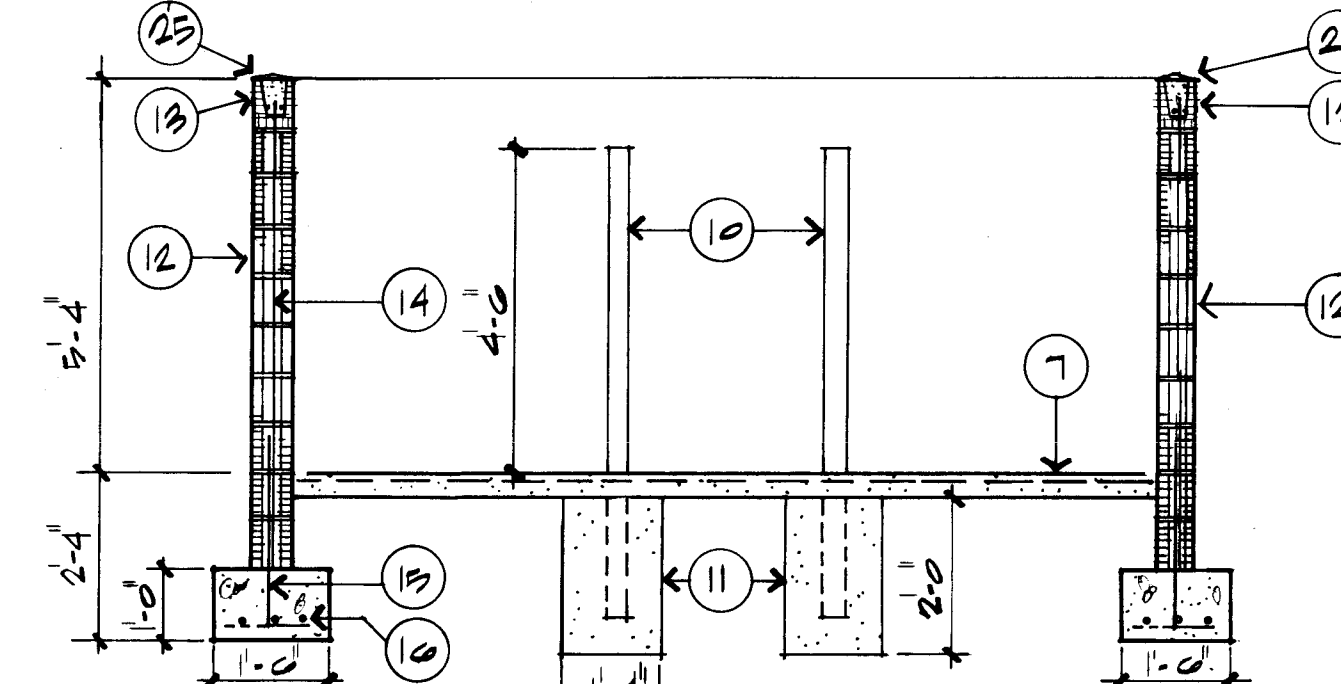
6
C2 **DETAIL @ PLANTING AREA**
3/4"=1'-0"



7
C2 **SPLASHBLOCK DETAIL**
NTS



2
C2 **REFUSE ENCLOSURE PLAN**
1/4"=1'-0"

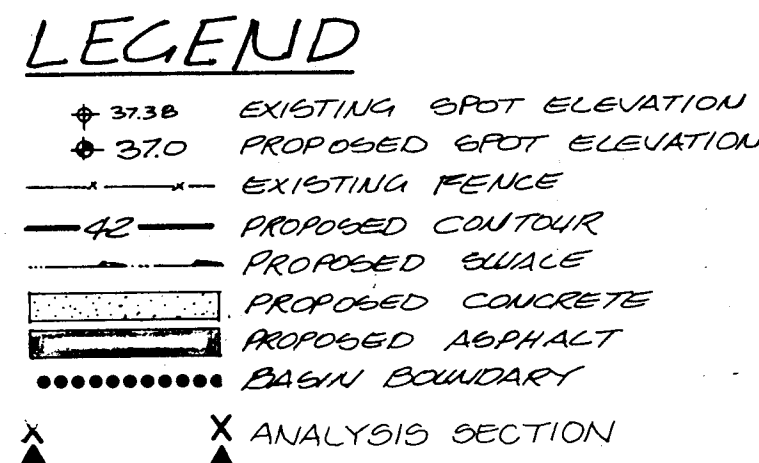
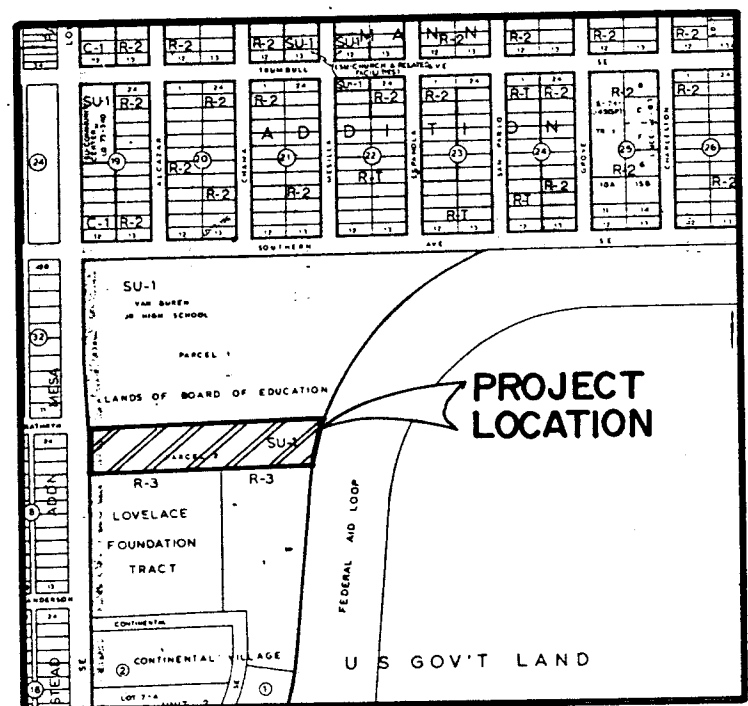


3
C2 **REFUSE ENCLOSURE SECTION**
3/8"=1'-0"

- NOTES: C2
1. 1'-6" MOW STRIP. SEE SIM. DETAIL 5/C1.
 2. HANDICAP RAMP. SEE DETAIL 6/C1.
 3. HANDICAP SIGNAGE AS PER CITY STANDARD, 4 REQUIRED. LOCATE MIN. 3'-0" FROM CURB AND CENTERED IN PARKING SPACE. TYP.
 4. PLANTER. SEE DETAIL 6/C2.
 5. DOTTED LINE INDICATES OVERHANG ABOVE.
 6. BICYCLE RACK (6 BICYCLES). SEE FLOOR PLAN FOR LOCATION.
 7. 4" CONCRETE SLAB, 3,000 PSI, W/ 6 X 6 - 10 X 10 WWF OR EQUAL. SLOPE TO DRAIN 1/8" PER FOOT AWAY FROM WALL.
 8. CONCRETE APRON. 6" THICK, 3,000 PSI, W/ 6 X 6 - 10 X 10 WWF OR EQUAL.
 9. 1/2" EXPANSION JOINT.
 10. 4" O.D. CONCRETE FILLED PIPE.
 11. 6" CONCRETE ALL AROUND PIPE EMBEDDED 2'-0" BELOW SLAB.
 12. 6" CMU WALL W/ 8" X 8" SCORED FACE, PAINT.
 13. 2 #4'S IN GROUTED BOND BEAM.
 14. #4 AT 24" O.C. INTO GROUTED CELLS AND STANDARD DUROWALL AT 16" O.C.
 15. 2 #4'S AT 24" O.C. E.W.
 16. #4'S CONT.
 17. 4" CONCRETE WALK W/ 6 X 6 10/10 WWF, BROOM FINISH.
 18. PAV. EASEMENT AS PER CITY SURVEY.
 19. 3" CAST ALUMINUM BLUE LETTERS. SEE SPECS.
 20. EXTERIOR INSULATION FINISH SYSTEM OVER 5/8" GYPSUM SHEATHING TO MATCH BUILDING.
 21. 4" X 18 GA. STUDS AT 16" O.C.
 22. 3" X 3" X 3/16" STEEL TUBE.
 23. 1/2" X 10" ANCHOR BOLT SET IN COLUMN AT TOP, BOTTOM, AND CENTER LOCATIONS.
 24. 1'-0" DIAMETER CONCRETE COLUMN WITH EXTERIOR FINISH TO MATCH BUILDING.
 25. 1/4" CONCRETE PEAK AT TOP OF BOND BEAM TO ALLOW WATER TO DRAIN. PAINT.
 26. PRE-CAST CONCRETE SPLASH BLOCK, TYPICAL AT ALL ROOF DRAIN LEADERS AS SHOWN ON ROOF PLAN. LOCATE SPLASH BLOCKS FIRST, POUR CONCRETE MOW STRIP TO SPLASH BLOCK - SEAL JOINT W/ 1/4" EXPANSION MATERIAL.
 27. LOCATE SCORE JOINTS AS SHOWN AND TO EXTEND FROM PLANTERS CORNERS IN EACH CASE. FOR OVERALL SCORING SEE SITE PLAN SHEET C1.
 28. 8" X 8" RECESSED TILE. MASTIC TO 5/8" SHEATHING. CAULK ALL AROUND. TYPICAL OF 4 EACH SIDE.
 29. 4" CONC. SLAB

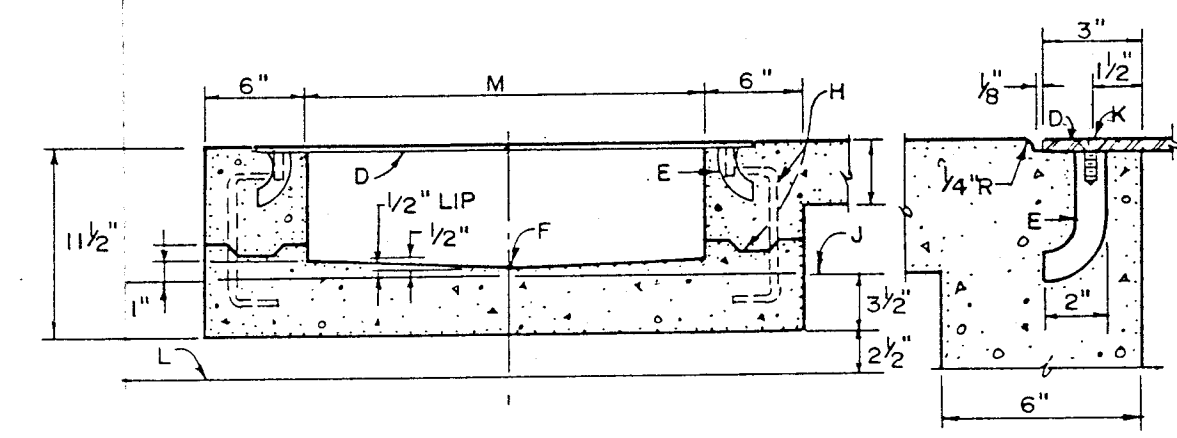
C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 35420394

ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
ENLARGED PLAN MISC. DETAILS		
		DATE: NOVEMBER 1988 SHEET # C2
301 GOLD AVENUE SW/SUITE 104/ALBUQUERQUE, NM 87103		

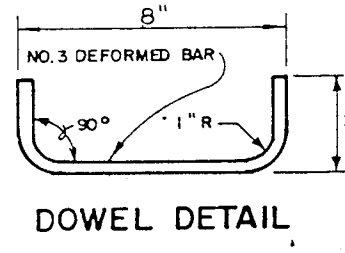


PROJECT BENCHMARK
 ACS MONUMENT T-110. A 3" BRASS CAP SET IN THE SIDEWALK. AMSP GRID COORDINATES:
 Y = 1,479,160.78 ; X = 404,777.77 MAYD 1929.
 BENCHMARK LOCATED AT THE INTERSECTION OF KATHRYN AVE. SE & LOUISIANA BLVD. S.E. AS SHOWN ON THE DRAWING BELOW.
 ELEVATION = 5335.039 FEET (M.S.L.D.)
PROJECT BENCHMARK = T.B.M.

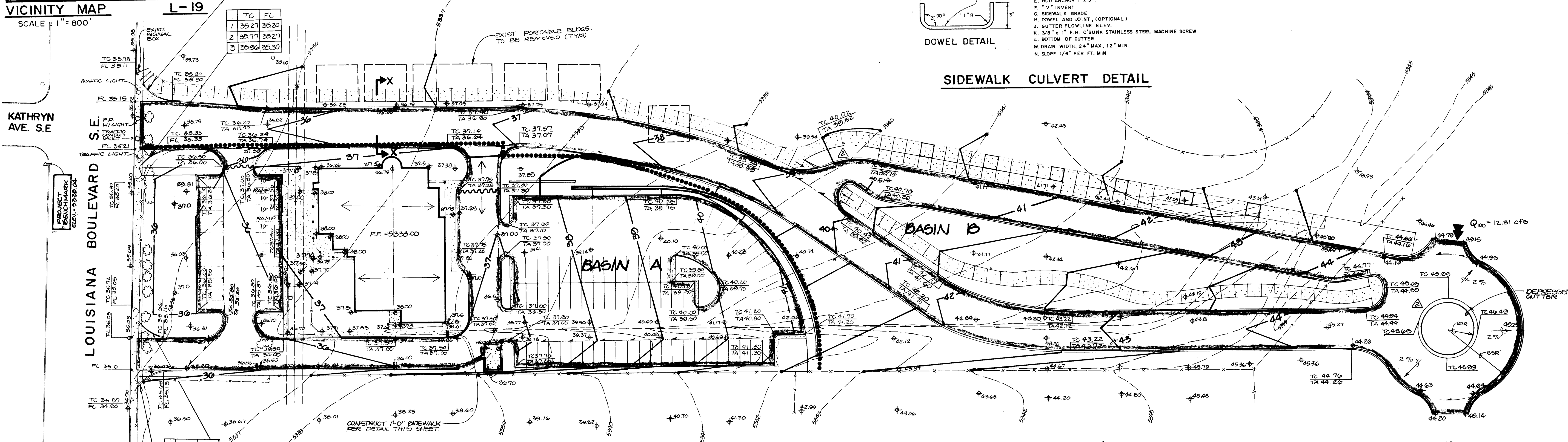
LEGAL DESCRIPTION
 PARCEL 2 LANDS OF BOARD OF EDUCATION.



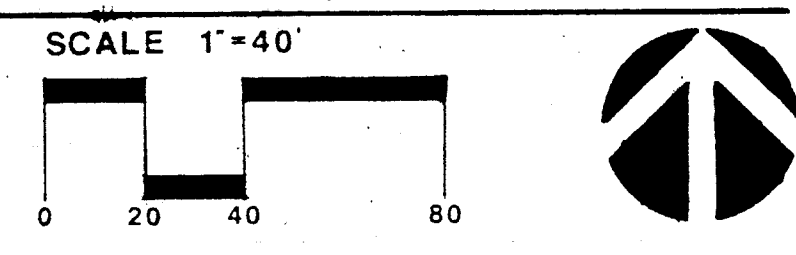
CONSTRUCTION NOTES.
 A. JOIN NEAREST SCORE LINE OR WEAKENED PLANE
 JOINT PLACE 1/2" EXPANSION JOINT MATERIAL.
 B. SIDEWALK OR SETBACK, (VARIABLE).
 C. 3" RADIUS (TYPICAL).
 D. 3/4" CHECKERED STEEL PLATE.
 E. ROD ANCHOR 1" x 5".
 F. 1/4" INVERT.
 G. SIDEWALK GRADE.
 H. DOWEL AND JOINT, (OPTIONAL).
 J. GUTTER FLOWLINE ELEV.
 K. 3/8" x 1" F.H. C/SUNK STAINLESS STEEL MACHINE SCREW
 L. BOTTOM OF GUTTER
 M. DRAIN WIDTH 24" MAX. 12" MIN.
 N. SLOPE 1/4" PER FT. MIN.



SIDEWALK CULVERT DETAIL



GRADING AND DRAINAGE PLAN



SEE SHEETS C4,C5,C6,C7 FOR STREET GRADES

DRAINAGE PLAN

The following items concerning the City of Albuquerque Southeast Area Police Substation Drainage Plan are contained hereon:

1. Vicinity Map
2. Grading Plan
3. Calculations

As shown by the Vicinity Map, the site is located on the east side of Louisiana Boulevard S.E., just south of the Van Buren School site. The site is bounded on the east by the Kirtland Air Force Base, where the Kirtland Detention Pond is constructed. At present, the site is undeveloped with adjoining sites developed.

Review of the Albuquerque Master Drainage Study, Volume II, indicates that the site does not lie within a designated Flood Hazard Area, nor does it contribute runoff to a designated Flood Hazard Area. Furthermore, review of APU 30, an analysis point, located at the intersection of Southern Avenue S.E. and Louisiana Boulevard S.E. indicates that the 100-year depth of runoff is approximately 0.35 feet. The 10-year depth is approximately 0.31 feet. This would indicate that downstream capacity does exist. Looking to the south to Gibson Boulevard S.E., a public storm drain facility has been recently constructed within that roadway to alleviate the flooding of that street. Lastly, the Highland Detention Pond has been constructed to the west to mitigate flooding problems in that area. In conclusion, offsite flows are not a concern due to the fact that the Kirtland Detention Pond accepts and detains any potential offsite flows and downstream capacity exists based upon the aforementioned improvements and conditions. It is based upon this information and the fact that this is an infill site, that the free discharge of runoff from the site is appropriate.

The Grading Plan shows 1) existing and proposed grades indicated by spot elevations and contours at 1'0" intervals, 2) continuity between existing and proposed grades, and 3) the limit and character of the proposed improvements.

As shown by the Grading Plan, the proposed construction consists of a new police substation within Basin A and a new roadway to access the proposed Phil Chacon Park within Basin B. The existing survey information has been provided by the City of Albuquerque Survey Section. As further demonstrated by this plan, both the police substation site and the roadway will drain to Louisiana Boulevard S.E. and discharge the respective runoff via private entrances (driveways). From the existing grades provided, it appears that Basin A will drain to the south within Louisiana Boulevard S.E. and that Basin B will drain to the north within Louisiana Boulevard S.E. Consequently, Basin A would discharge to Gibson Boulevard S.E. and Basin B would discharge to Southern Avenue S.E.

The calculations which appear hereon analyze both the existing and proposed conditions for the 100-year, 6-hour rainfall event. The Rational Method has been used to quantify the peak discharge of runoff and the SCS Method has been used to quantify the volume of runoff generated. Both Methods have been used in accordance with the City of Albuquerque Development Process Manual, Volume II, coupled with the Mayor's Emergency Rule adopted January 14, 1986. As shown by these calculations, an increase in runoff is anticipated due to the proposed construction.

Review of the drainage plan for the Phil Chacon Park (L19-D45) indicates that approximately 12.3 cfs runoff will be discharged into the entrance road (i.e. Basin B). The entrance road will be 30 feet in width and constructed with 6" curb. Using DPM Plate 22.3 D-1 for a slope of 0.007 and a discharge of 21.1 cfs (8.8 + 12.3), a depth of 0.48 feet is anticipated. The street capacity at a depth of 6 inches will be approximately 24.0 cfs.

Ground Cover Information

From SCS Bernalillo County Soil Survey,
 Plate: 31: TgB - Tijeras Gravelly Fine Sandy loam
 Hydrology: Soil Group: B
 Existing Pervious CN = 70 (DPM Plate 22.2 C-2)
 Pasture or Range Land: fair condition)
 Developed Pervious CN = 61 (DPM Plate 22.2 C-2)
 Open Space: good condition)

Time of Concentration/Time to Peak

$T_c = 0.0078 L^{0.77} S^{0.385}$ (Kirpich Equation)
 $T_p = T_c = 10$ min.

Point Rainfall

$P_6 = 2.35$ in. (DPM Plate 22.2 D-1)

Rational Method

Discharge: $Q = C i A$
 where C varies
 $i = P_6 (6.84) T_c^{-0.51} = 4.97$ in/hr
 $P_6 = 2.35$ in (DPM Plate 22.2D-1)
 $T_c = 10$ min (minimum)
 A = area, acres

SCS Method

Volume: $V = 3630 (DRO) A$
 Where DRO = Direct runoff in inches
 A = area, acres

Existing Condition

1. Basin A
 $A_{total} = 75,000$ sf = 1.7 Ac
 $C = 0.40$ (Weighted average per Emergency Rule, 1/14/86)
 $Q_{100} = C i A = 3.4$ cfs
 $\% \text{ impervious} = 0\%$
 Composite CN = 70 (DPM Plate 22.2 C-3)
 DRO = 0.4 in (DPM Plate 22.2 C-4)
 $V_{100} = 3630 (DRO) A = 2,500$ cf

CALCULATIONS

2. Basin B
 $A_{total} = 100,000$ sf = 2.3 Ac
 $C = 0.40$ (Weighted average per Emergency Rule, 1/14/86)
 $Q_{100} = C i A = 4.6$ cfs
 $\% \text{ impervious} = -0\%$
 Composite CN = 70 (DPM Plate 22.2 C-3)
 DRO = 0.4 in (DPM Plate 22.2 C-4)
 $V_{100} = 3630 (DRO) A = 3,400$ cf

Developed Condition

1. Basin A
 $A_{total} = 75,000$ sf = 1.7 Ac
 Roof area = 10,000 sf (0.13)
 Paved area = 48,000 sf (0.64)
 Landscaped area = 17,000 sf (0.23)
 $C = 0.78$ (Weighted average per Emergency Rule, 1/14/86)
 $Q_{100} = C i A = 6.6$ cfs
 $\% \text{ impervious} = 77\%$
 Composite CN = 88 (DPM Plate 22.2 C-3)
 DRO = 1.3 in (DPM Plate 22.2 C-4)
 $V_{100} = 3630 (DRO) A = 8,000$ cf

Comparison

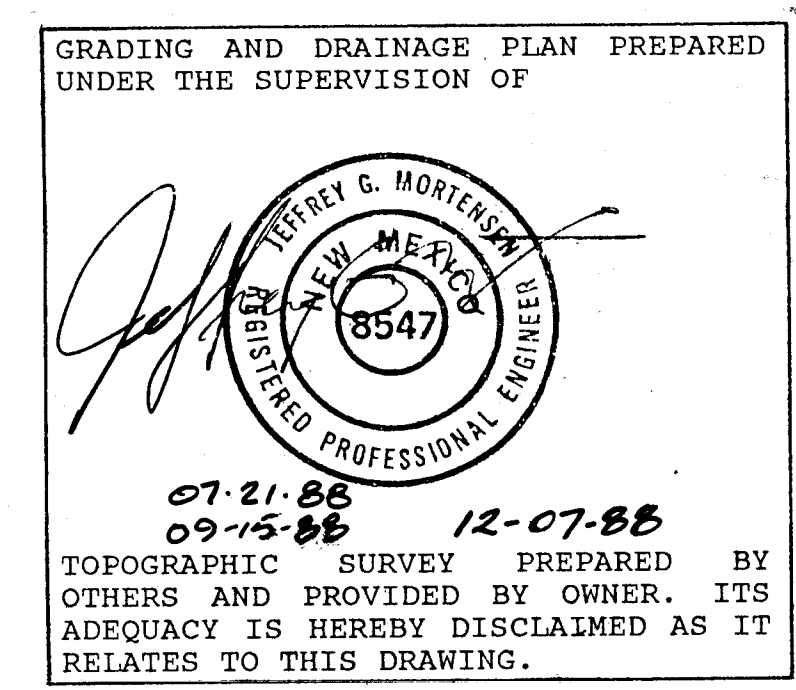
1. Basin A
 $\Delta Q_{100} = 6.6 - 3.4 = 3.2$ cfs (increase)
 $\Delta V_{100} = 8,000 - 2,500 = 5,500$ cf (increase)

2. Basin B

$\Delta Q_{100} = 8.8 - 4.6 = 4.2$ cfs (increase)
 $\Delta V_{100} = 10,900 - 3,400 = 7,500$ cf (increase)

Street Hydraulics

Using DPM Plate 22.3 D-1
 Slope = 0.007 ft/ft
 $Q = 21.1$ cfs (8.8 + 12.3) = $Q_{required}$
 $d = 0.48$ ft
 for street depth = 6"
 $Q_{capacity} = 24.0$ cfs > $Q_{required}$



REVISED 09-15-88
 REVISED 11-88

J.M.A. JOB NO. 880432



JEFF MORTENSEN & ASSOCIATES, INC.
 811 DALLAS N.E. ALBUQUERQUE, NM 87110
 ENGINEERS & ARCHITECTS (505) 265-5611

3542

CONSTRUCTION NOTES:

1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE 765-1234, FOR LOCATION OF EXISTING UTILITIES.
2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
3. 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.
4. ALL CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.
5. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE MANNER ONLY AND SUCH LINES MAY EXIST WHERE NONE ARE SHOWN. IF ANY SUCH EXISTING LINES ARE SHOWN, THE LOCATION IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE INCOMPLETE, OR MAY BE OBSOLETE BY THE TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS UNDERTAKEN NO FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES, MAKES NO REPRESENTATION PERTAINING THERETO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL INFORM ITSELF OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY, AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONDUCTING EXCAVATION, THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES AND REGULATIONS, IF ANY, PERTAINING TO THE LOCATION OF THESE LINES AND FACILITIES.

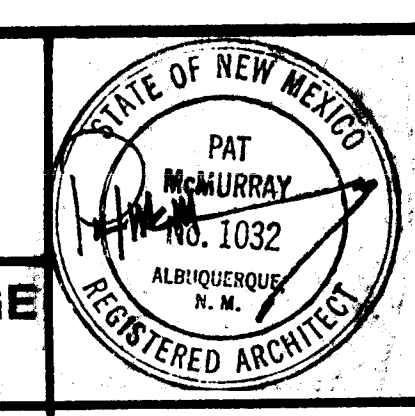
EROSION CONTROL MEASURES

1. 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.
2. 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.
3. THE CONTRACTOR SHALL SECURE "TOPSOIL DISTURBANCE PERMIT" PRIOR TO BEGINNING CONSTRUCTION.

C of A PWD Maps & Records
 26 35420494

ALBUQUERQUE POLICE DEPARTMENT
SOUTHEAST AREA SUBSTATION
GRADING AND DRAINAGE PLAN

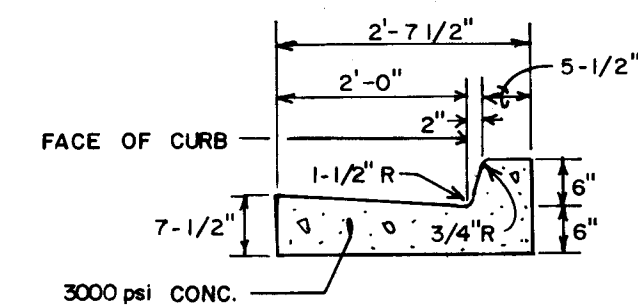
THE BOEHNING PARTNERSHIP
 ARCHITECTS & PLANNERS
 301 GOLD AVENUE SW SUITE 204 ALBUQUERQUE, NM 87102



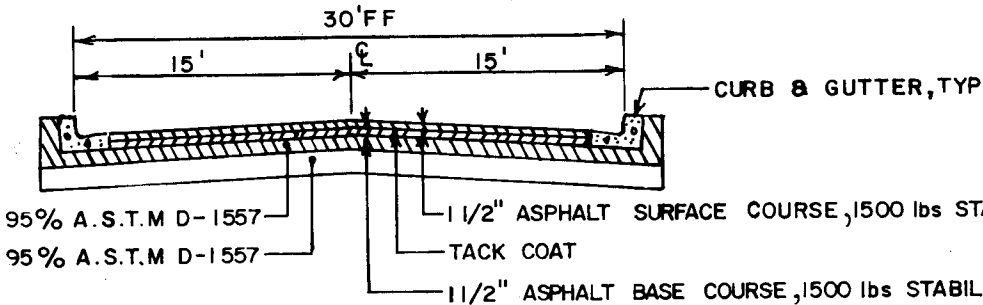
DATE:
NOVEMBER 1988
 SHEET #
C3

LINE	BEARING	DISTANCE
L1	N 37°29'49" W	55.00
L2	S 33°23'55" W	10.13

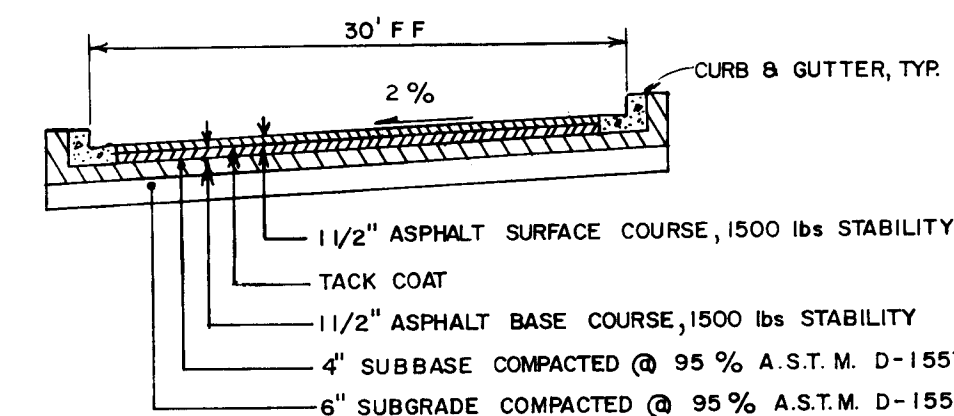
CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	48.46	66°06'16"	42.00	45.81	S 66°27'03" W	27.33



TYPICAL CURB & GUTTER SECTION
SCALE: 1" = 2'-0"

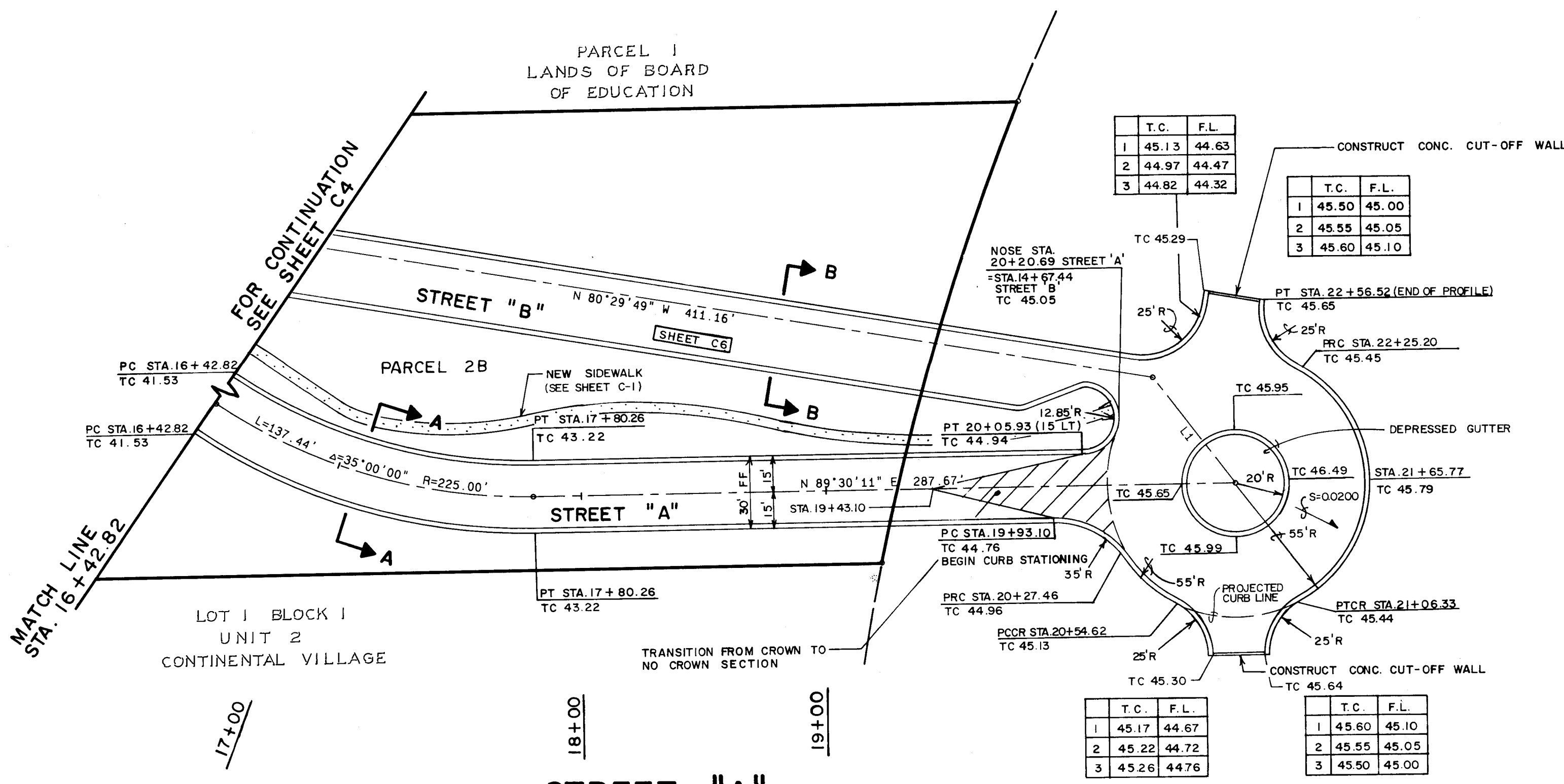


SECTION A-A
SCALE: H: 1" = 10'
V: 1" = 4'-0"



SECTION B-B
SCALE: H: 1" = 10'
V: 1" = 4'-0"

HORIZONTAL SCALE: 1" = 40'
VERTICAL SCALE: 1" = 10'



MATCH LINE - STA. 16+42.82 - FOR CONTINUATION SEE SHEET C-4

MATCH LINE - STA. 16+42.82 - FOR CONTINUATION SEE SHEET C-4

17+00

18+00

19+00

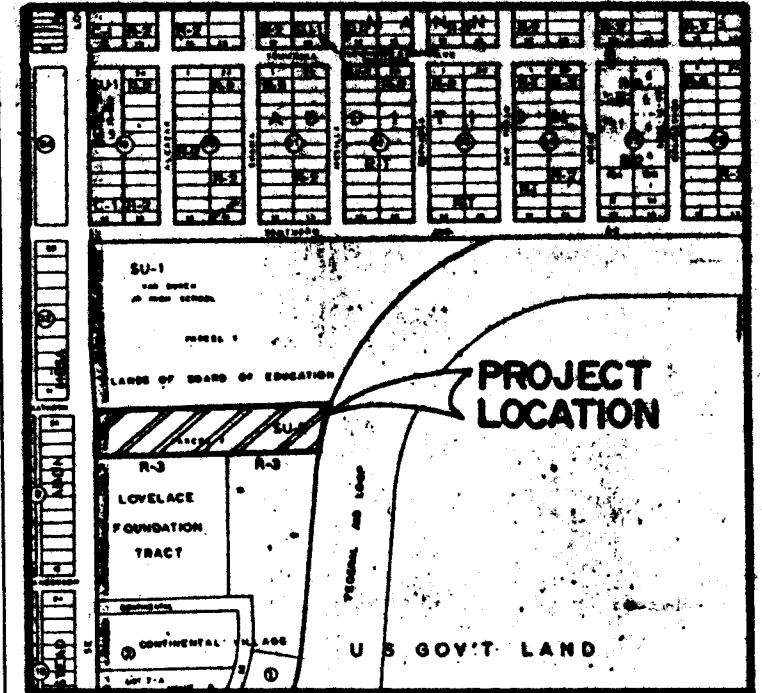
20+00

21+00

22+00

LEFT TOP OF CURB

RIGHT TOP OF CURB



VICINITY MAP
SCALE: 1" = 800'

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- BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
- TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
- CONTRACTOR SHALL COORDINATE WITH THE WATER SYSTEM DIVISION FOR THE EXCAVATION OF THE VALVE SHUT OFF PLAN, NOT LESS THAN TWO (2) WORKING DAYS IN ADVANCE OF ANY WORK THAT MAY AFFECT THE EXISTING PUBLIC WATER UTILITIES.
- ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS OTHERWISE NOTED.
- CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR CONSTRUCTION, 1986.
- CONTRACTOR SHALL LIMIT OPERATION WITHIN ROADWAY TO THE HOURS SPECIFIED BY THE FABRICATING OR CONSTRUCTION CO-ORDINATION ENGINEER AT 768-2552.

STREET PAVING IMPROVEMENTS

- ALL STATIONING IS BASED UPON STREET CENTERLINE EXCEPT THE TURNAROUND AT THE END OF STREET "A" WHICH, STARTING AT THE P.C. OF THE RETURN, SHOWS STATIONS AND CORRESPONDING SLOPES BASED UPON TRUE DISTANCES (I.E., CURB STATIONING).
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- ALL DIMENSIONS OF CURB AND CURB RETURNS ARE SHOWN TO FACE OF CURB.

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 3542 20694

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: PAVING IMPROVEMENTS PLAN & PROFILE
STREET "A", STA. 16+42.82 TO STA. 22+56.52
A.P.D. SOUTHEAST AREA SUBSTATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair	<i>[Signature]</i>	11/1/89			
Trans. Dev.	<i>[Signature]</i>	11/1/89			
Utility Dev.	<i>[Signature]</i>	11/1/89			
Hyperco	<i>[Signature]</i>	11/1/89			
DRAWING NO.	3542	MAP NO.	L-19	SHEET	C5
DESIGNED BY	G.C.J.	DATE	12-1988	RECORDED BY	J.G.M.
DRAWN BY	C.V.M. / R.A.R.	DATE	12-1988	NO.	
CHECKED BY	J.G.M.	DATE	12-1988		



CONTRACTOR		INSPECTORS		FIELD		MICRO-FILM	
NAME	DATE	NAME	DATE	NAME	DATE	NAME	DATE

BENCH MARKS		AS BUILT INFORMATION	
NAME	DATE	NAME	DATE

SURVEY INFORMATION		FIELD NOTES	
NO.	DATE	NO.	DATE

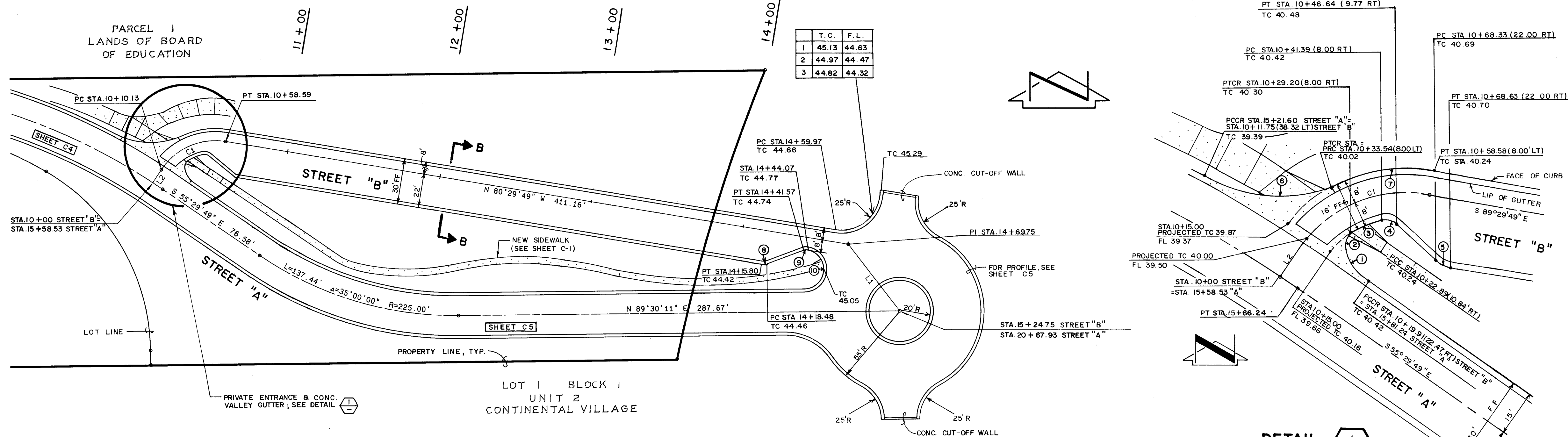
ENGINEER'S SEAL		REVISIONS	
NO.	DATE	NO.	DATE

REVISIONS		DESIGN	
NO.	DATE	NO.	DATE

REVISIONS		DESIGN	
NO.	DATE	NO.	DATE

10948

PARCEL J
LANDS OF BOARD
OF EDUCATION

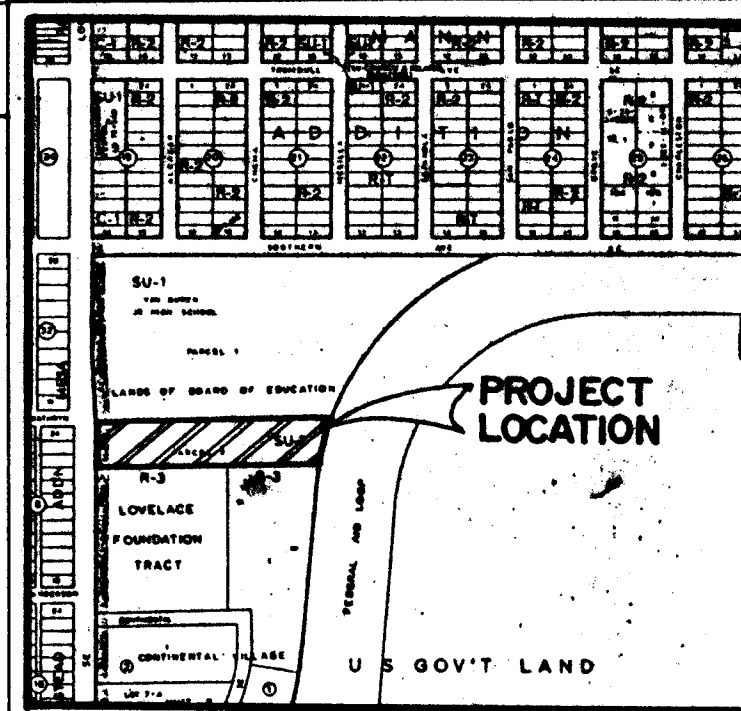
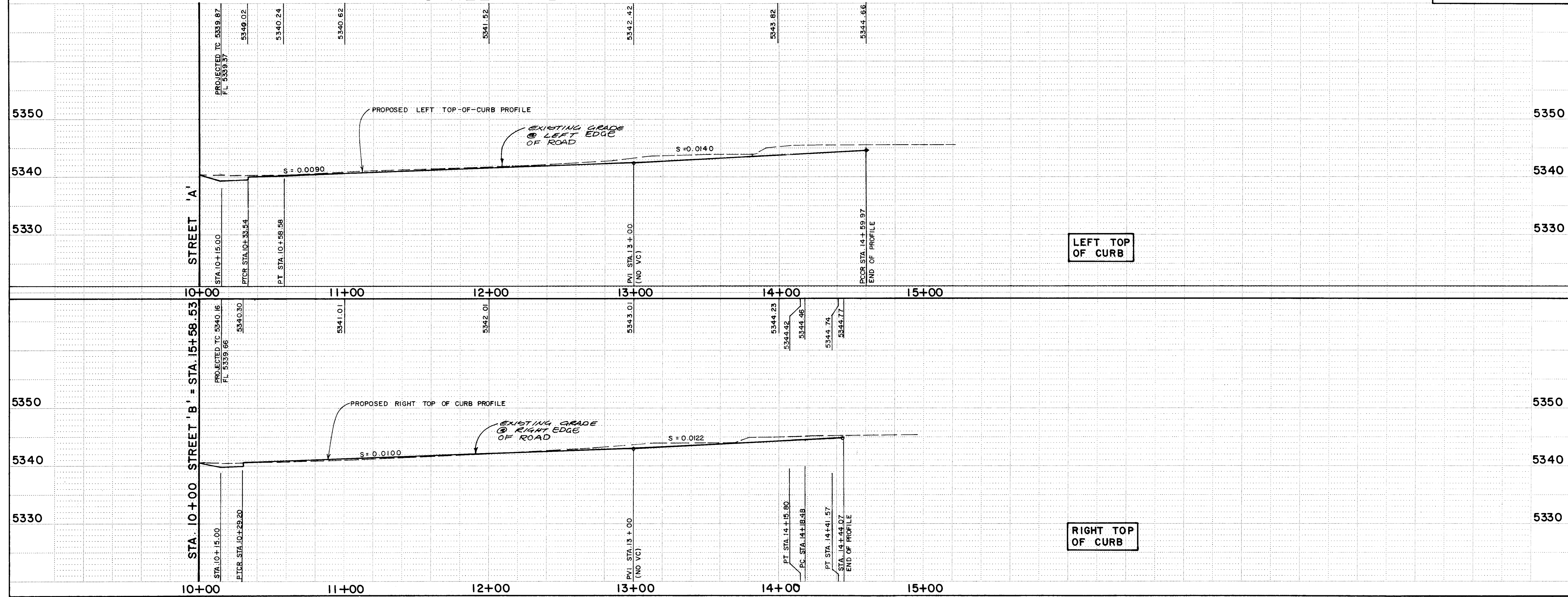


CURVE CURB DATA

CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
1	12.09	46° 10' 27"	15.00	11.76	N 32° 24' 35" W	6.39
2	6.00	68° 44' 10"	5.00	5.65	N 25° 02' 43" E	3.42
3	9.87	16° 38' 02"	34.00	9.84	N 67° 43' 49" E	4.97
4	4.66	53° 27' 21"	5.00	4.50	S 77° 13' 29" E	2.52
5	0.30	01° 41' 51"	10.00	0.30	S 79° 38' 53" E	0.15
6	46.06	52° 46' 39"	50.00	44.45	N 88° 16' 46" W	24.81
7	29.82	34° 10' 17"	50.00	29.38	S 82° 25' 02" W	15.37
8	5.24	30° 00' 00"	10.00	5.18	S 84° 30' 11" W	2.68
9	2.62	30° 00' 00"	5.00	2.59	S 84° 30' 11" W	1.34
10	23.37	104° 11' 16"	12.85	20.28	N 28° 24' 11" W	16.50

STREET "B"

HORIZONTAL SCALE : 1" = 40'
VERTICAL SCALE : 1" = 10'



VICINITY MAP

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STREET PAVING IMPROVEMENTS

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C of A PWD Maps & Records

26 3542 20794

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

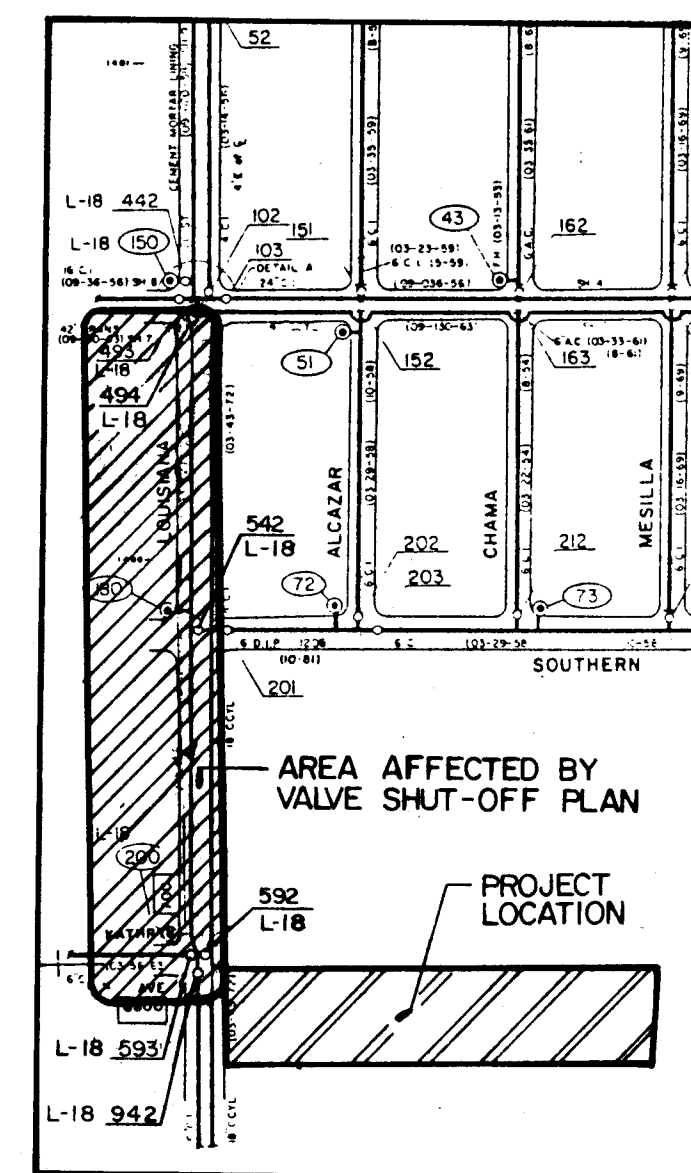
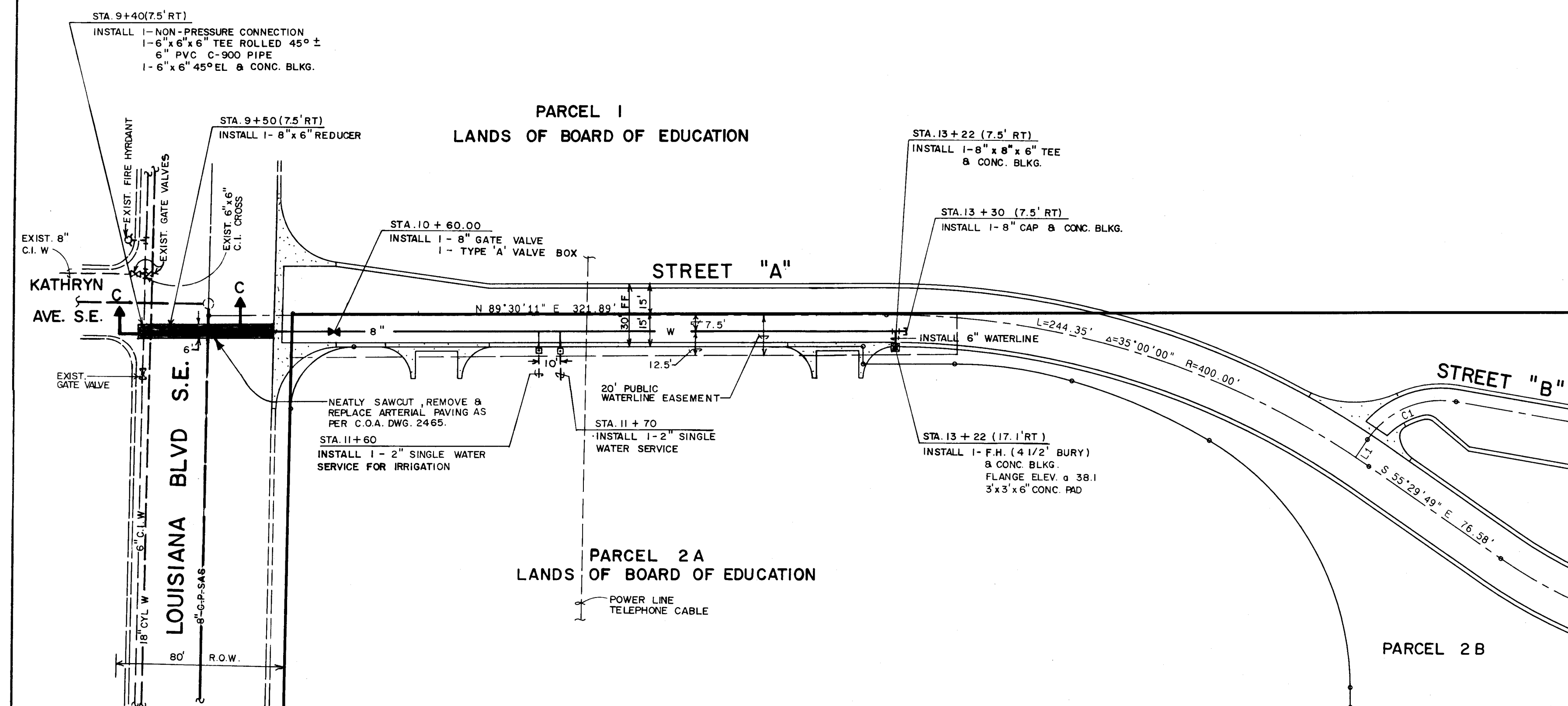
TITLE: PAVING IMPROVEMENTS PLAN & PROFILE
STREET "B", STA. 10+00 TO STA. 15+04.72
A.P.D. SOUTHEAST AREA SUBSTATION

APPROVALS	ENGINEER	DATE	APPROVALS	ENGINEER	DATE
D.R.C. Chair					
Trans. Dev.					
Utility Dev.					
DRAWING NO.	3542	MAP NO.	L-19	SHEET	C6

AS BUILT INFORMATION		BENCH MARKS		SURVEY INFORMATION		ENGINEER'S SEAL	
CONTRACTOR	DATE	ACG. MONUMENT T-118. A 9" Brass Cap Set	DATE	NO.	BY	NO.	BY
				REVISIONS		DESIGN	
				NO. DATE		NO. DATE	
				DESIGNED BY G.C.J.		DATE 12-1988	
				DRAWN BY C.V.M. / R.A.R.		DATE 12-1988	
				CHECKED BY J.G.M.		DATE 12-1988	

LINE	BEARING	DISTANCE
L1	S 33°23'55" W	10.13

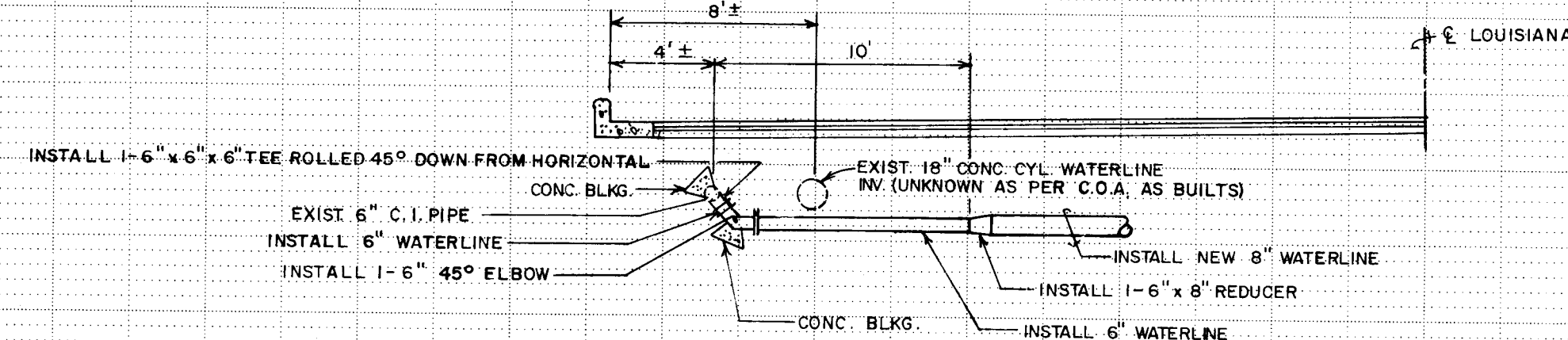
CURVE	ARC	DELTA	RADIUS	CHORD LENGTH	CHORD BEARING	TAN LENGTH
C1	48.46	66°06'16"	42.00	45.81	S 66°27'03" W	27.33



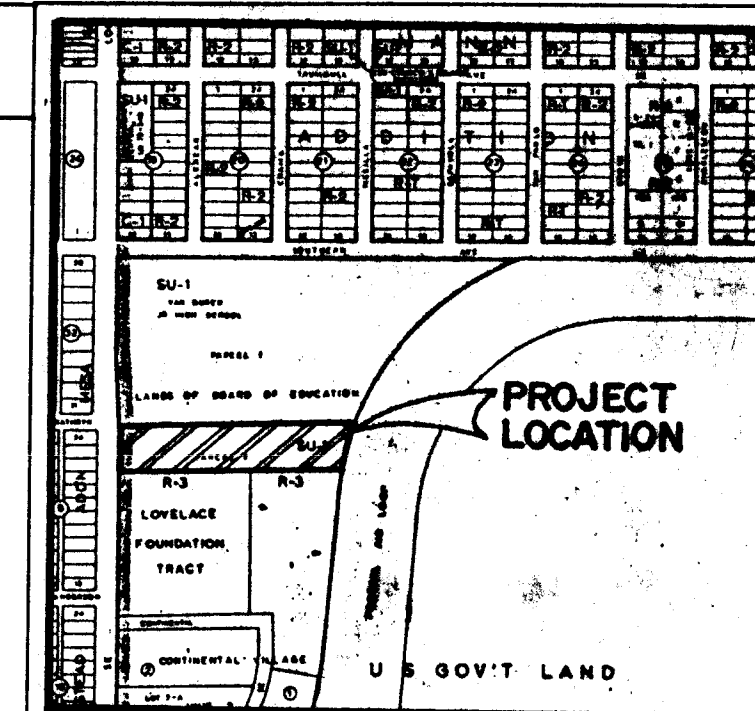
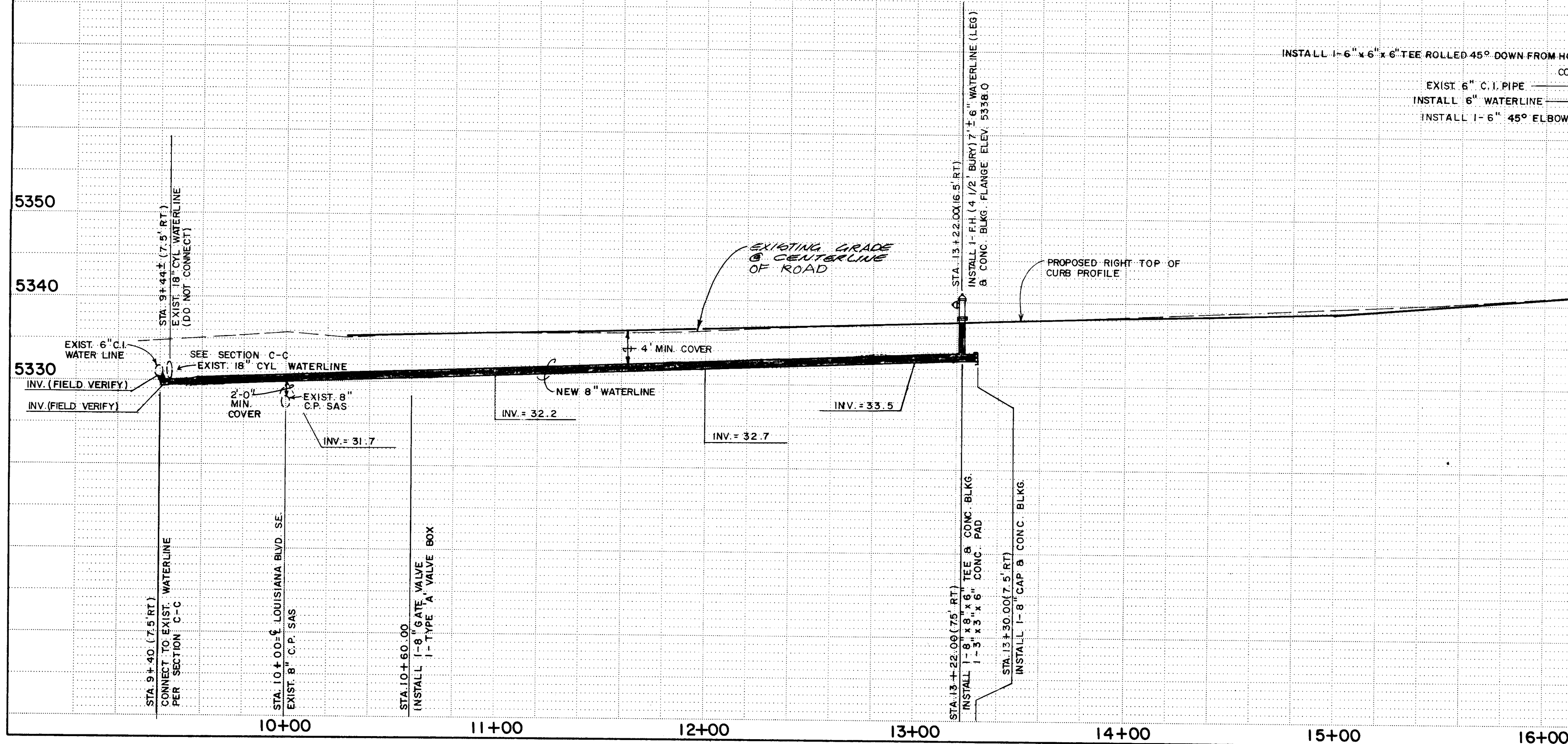
VALVE SHUT-OFF PLAN

1. CLOSE VALVES 942,592,593,542 & 494 TO MAKE THE NON-PRESSURE CONNECTION.
2. THE CONTRACTOR SHALL NOTIFY WATER SYSTEMS 48 HRS. IN ADVANCE OF ANY SHUT-OFFS. ALL SHUT-OFFS SHALL BE PERFORMED BY WATER SYSTEMS.
3. THE CONTRACTOR SHALL PROVIDE ALL RESTRAINTS & THRUST BLOCKS NECESSARY TO EFFECT THE SHUT-OFF & CONNECTION.

HORIZONTAL SCALE : 1" = 40'
VERTICAL SCALE : 1" = 10'



SECTION C-C
SCALE: 1" = 6'-0"



VICINITY MAP

GENERAL NOTES:

1. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT AS OTHERWISE STATED OR PROVIDED FOR HEREON, BE CONFORMED TO THE SPECIFICATIONS WITH THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS - PUBLIC WORKS CONSTRUCTION - 1986.
 2. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL NOTIFY THE LOCATION RECTOR, 765-1234, FOR LOCATION OF EXISTING UTILITIES.
 3. IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE PLANS, THEY SHALL BE PROTECTED AND MAINTAINED IN A MANNER ONLY, AND SUCH LINES MAY EXIST WHERE THERE ARE NONE SHOWN. IF ANY SUCH EXISTING LINES ARE KNOWN, THE CONTRACTOR IS BASED UPON INFORMATION PROVIDED BY THE OWNER OF SAID UTILITY, AND THE INFORMATION MAY BE LOCATED, EXPOSED, OR DESTROYED AT ANY TIME CONSTRUCTION COMMENCES. THE ENGINEER HAS NO RESPONSIBILITY FOR FIELD VERIFICATION OF THE LOCATION, DEPTH, SIZE, OR TYPE OF EXISTING UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES. THE CONTRACTOR SHALL BE RESPONSIBLE THERE TO, AND ASSUMES NO RESPONSIBILITY OR LIABILITY THEREFOR. THE CONTRACTOR SHALL LOCATE THE POSITION OF THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR ON THE AREA OF THE WORK IN ADVANCE OF AND DURING EXCAVATION WORK. THE CONTRACTOR IS FULLY RESPONSIBLE FOR ANY AND ALL DAMAGE CAUSED BY ITS FAILURE TO LOCATE, IDENTIFY AND PRESERVE ANY AND ALL EXISTING UTILITIES, PIPELINES, AND UNDERGROUND UTILITY LINES. IN PLANNING AND CONSTRUCTION OF THE CONTRACTOR SHALL COMPLY WITH STATE STATUTES, MUNICIPAL AND LOCAL ORDINANCES, RULES, AND REGULATIONS CONCERNING ACCESS TO THE LOCATION OF THESE LINES AND FACILITIES.
 4. SHOULD A CONFLICT EXIST BETWEEN THESE PLANS AND ACTUAL FIELD CONDITIONS, THE CONTRACTOR SHALL PROMPTLY NOTIFY THE ENGINEER THEREOF, SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR ALL PARTIES.
 5. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ADJACENT PROPERTIES DURING CONSTRUCTION.
 6. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE CITY OF ALBUQUERQUE CITY, LOCAL LAWS, RULES AND REGULATIONS CONCERNING SAFETY AND HEALTH.
 7. ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
 8. BACKFILL COMPACTION SHALL BE ACCORDING TO SPECIFIED STREET USE.
 9. TACK COAT REQUIREMENTS SHALL BE DETERMINED BY THE CITY ENGINEER.
 10. THE CONTRACTOR SHALL COORDINATE WITH A PROPOSED DIVISION FOR THE EXECUTION OF THE WATER SHUT OFF PLAN, NOT LESS THAN TWO (2) WORKING DAYS IN ADVANCE OF THE WATER SHUT OFF. THE EXISTING PUBLIC WATER UTILITIES.
 11. ALL STATIONING IS BASED ON STREET CENTERLINE UNLESS OTHERWISE NOTED.
 12. CONTRACTOR SHALL ADHERE TO SECTION 19 OF THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR CONSTRUCTION, 1986.
 13. CONTRACTOR SHALL LIMIT OPERATION WITHIN PROXIMITY TO THE CONSTRUCTION CO-ORDINATION BARRICADING AT 768-2552.
- WATER DISTRIBUTION SYSTEM**
1. ALL STATIONING IS BASED ON STREET CENTERLINE.
 2. WATER MAIN SHALL BE PVC C-900 PIPE OR AS APPROVED BY THE CITY OF ALBUQUERQUE CITY ENGINEER. DUCTILE IRON IS AN ACCEPTABLE PIPE MATERIAL IN LINES WITH A MINIMUM COVER OF 5'-0".
 3. WATER LINE SHALL HAVE A MINIMUM COVER OF 4'-0" (FINISH GRADE TO TOP OF PIPE).
 4. ELECTRONIC MARKER DISCS (EMD) SHALL BE INSTALLED IN ACCORDANCE WITH THE STANDARD SPECIFICATION.
 5. REFER TO THE WATER SHUT-OFF PLAN FOR DETAILS RELATING TO THE CONNECTION TO THE EXISTING WATERLINE WITHIN 10' OF THE EXISTING WATERLINE.

C of A PWD Maps & Records

1	2	3	4	5	6	7	8	9	10	11
2	6		3	5	4	2	0	8	9	4

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE: A.P.D. SOUTHEAST AREA SUBSTATION
WATERLINE EXTENSION PLAN & PROFILE

APPROVALS		ENGINEER	DATE	APPROVALS		ENGINEER	DATE
D.R.C. Chair		<i>[Signature]</i>	11/14/89				
Trans. Dev.							
Utility Dev.		<i>[Signature]</i>	11/11/89				
<i>Hydrology</i>		<i>[Signature]</i>	11/11/89				
DRAWING NO.		3542		MAP NO.		1-19	
				SHEET		67 OF	

880434

3542	MAP NO. L-19
------	-----------------

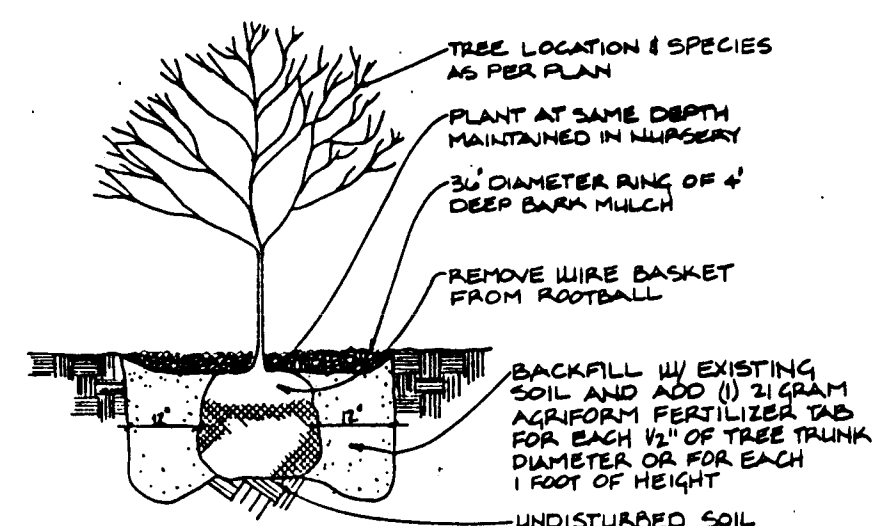
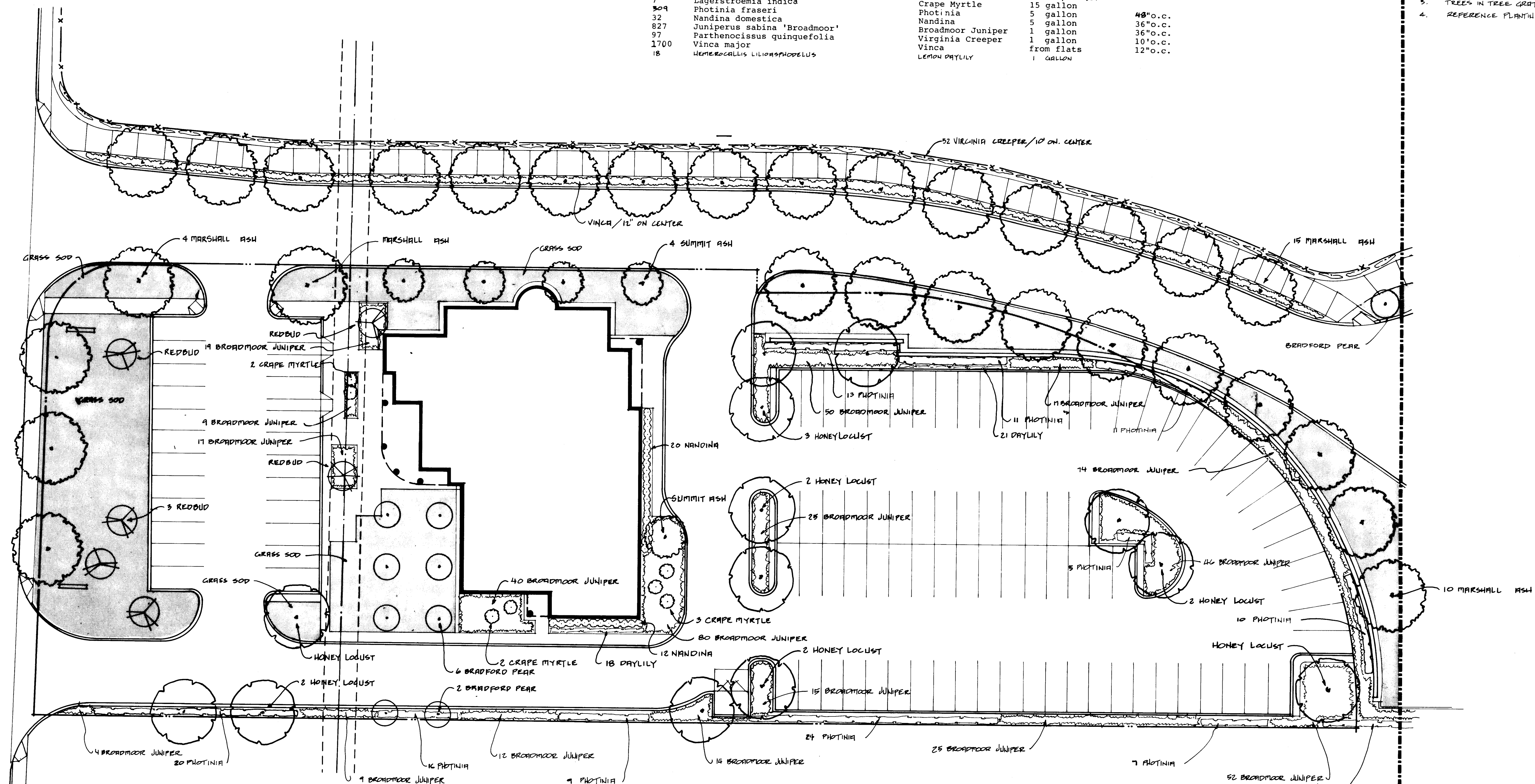
NOVEMBER 1988	
SHEET	OF
C7	

PLANT LEGEND

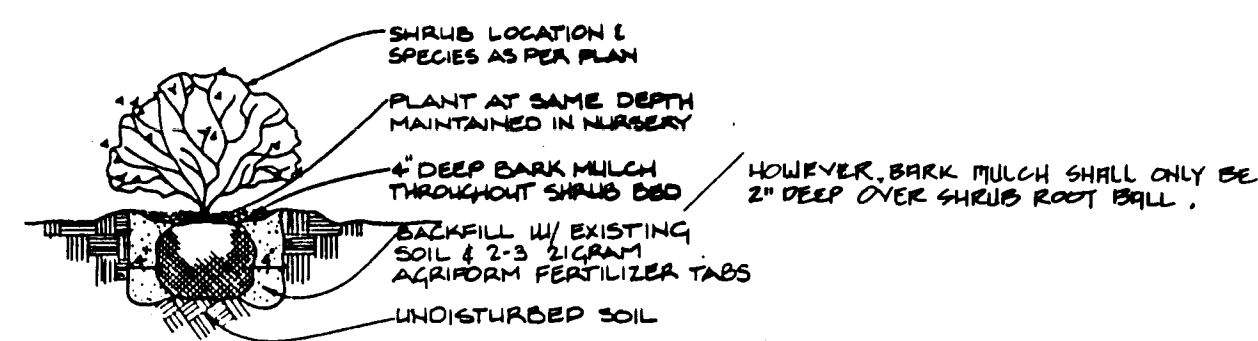
NO.	BOTANICAL NAME	COMMON NAME	SIZE	COMMENTS
6	Fraxinus americana 'Autumn Purple'	Autumn Purple Ash	2" cal., 24" box	
60	Fraxinus pennsylvanica 'Marshall'	Marshall Ash	2" cal., 24" box	
13	Gleditsia triacanthos inermis 'Imperial'	Honey Locust	2" cal., 24" box	
5	Fraxinus pennsylvanica 'Summit'	Summit Ash	2" cal., 24" box	
25	Pyrus calleryana 'Bradford'	Bradford Pear	2" cal., 24" box	
9	Cercis canadensis	Redbud	2" cal., 24" box	
7	Lagerstroemia indica	Crape Myrtle	15 gallon	
309	Photinia fraseri	Photinia	5 gallon	48" o.c.
32	Nandina domestica	Nandina	5 gallon	36" o.c.
827	Juniperus sabina 'Broadmoor'	Broadmoor Juniper	1 gallon	36" o.c.
97	Parthenocissus quinquefolia	Virginia Creeper	1 gallon	10" o.c.
1700	Vinca major	Vinca	from flats	12" o.c.
18	HEMEROCALLIS LILIPHIODELUS	LEMON DAYLILY	1 GALLON	

NOTES

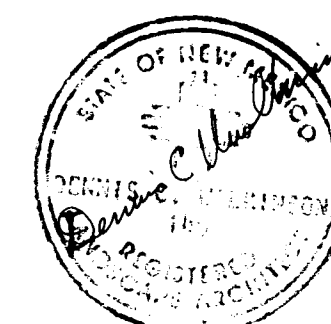
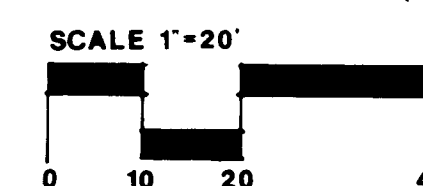
- Broadmoor junipers shall be planted no closer than 24" to any curb or sidewalk.
- Areas which are planted in vinca groundcover shall not receive any bark mulch.
- Trees in tree grates shall receive bark mulch.
- REFERENCE PLANTING DETAILS THIS PAGE.



1 TREE PLANTING DETAIL
N.T.S.



2 SHRUB PLANTING DETAIL
N.T.S.



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LANDSCAPE ARCHITECTURE-DEVELOPMENT PLANNING
P.O. BOX 1542 505/897-7430
CORRALES, NEW MEXICO 87048

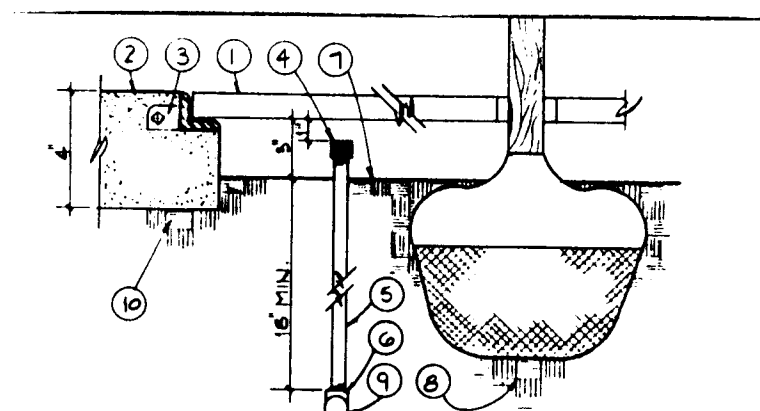
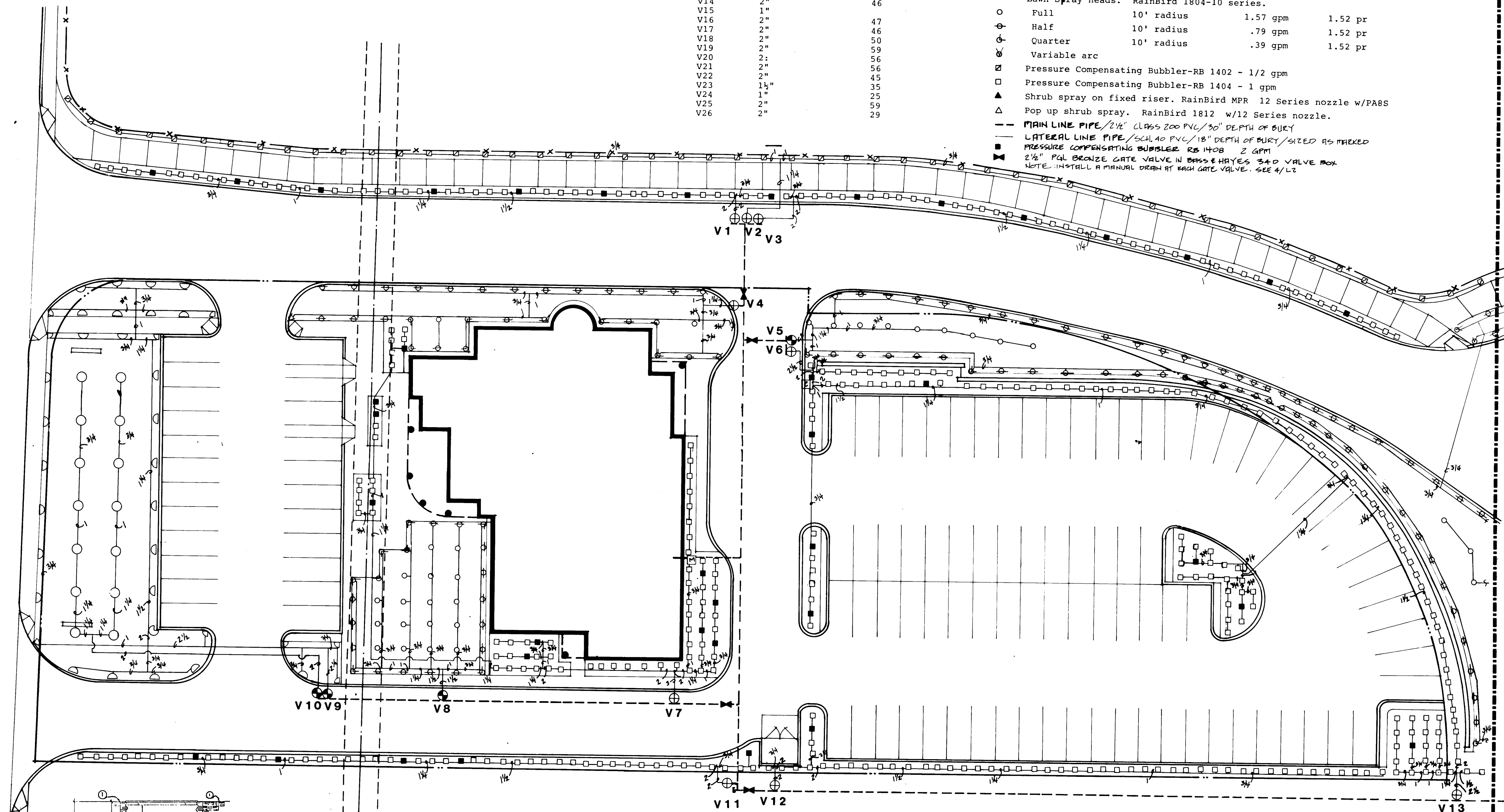
C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 35420994

ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
LANDSCAPE PLAN		
		DATE: NOVEMBER 1988 SHEET # L1

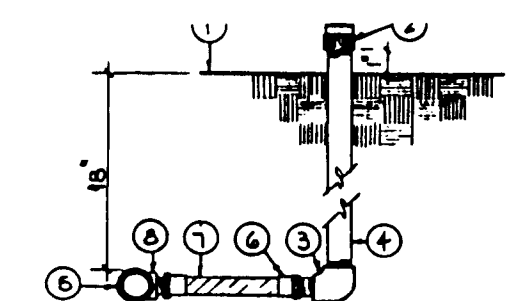
IRRIGATION LEGEND

- | VALVE NO. | SIZE | GPM |
|-----------|------|-----|
| V1 | 2" | 57 |
| V2 | 1" | 26 |
| V3 | 1" | 55 |
| V4 | 1" | 23 |
| V5 | 1½" | 42 |
| V6 | 2" | 64 |
| V7 | 2" | 86 |
| V8 | 1½" | 33 |
| V9 | 2" | 61 |
| V10 | 2" | 52 |
| V11 | 2" | 55 |
| V12 | 2" | 50 |
| V13 | 2" | 72 |
| V14 | 2" | 46 |
| V15 | 1" | |
| V16 | 2" | 47 |
| V17 | 2" | 46 |
| V18 | 2" | 50 |
| V19 | 2" | 59 |
| V20 | 2: | 56 |
| V21 | 2" | 56 |
| V22 | 2" | 45 |
| V23 | 1½" | 35 |
| V24 | 1" | 25 |
| V25 | 2" | 59 |
| V26 | 2" | 29 |

- Independent Station Computer Controller. RainBird ISC- 32
- MASTER VALVE** RainBird 200EFA-CP
- Zone Valve. RainBird PE Series. Sized as marked.
- Zone Valve. RainBird PE-PRS Series. Sized as marked.
- Lawn Spray Heads. RainBird 1804-15 series.
- | | | | |
|---------------|------------|----------|---------|
| Full | 15' radius | 3.70 gpm | 1.58 pr |
| Three quarter | 15' radius | 2.78 gpm | 1.58 pr |
| Half | 15' radius | 1.85 gpm | 1.58 pr |
| Quarter | 15' radius | 0.93 gpm | 1.58 pr |
| Variable arc | | | |
- Lawn Spray Heads. RainBird 1804-10 series.
- | | | | |
|--------------|------------|----------|---------|
| Full | 10' radius | 1.57 gpm | 1.52 pr |
| Half | 10' radius | .79 gpm | 1.52 pr |
| Quarter | 10' radius | .39 gpm | 1.52 pr |
| Variable arc | | | |
- ☒ Pressure Compensating Bubbler-RB 1402 - 1/2 gpm
- ☐ Pressure Compensating Bubbler-RB 1404 - 1 gpm
- ☒ Shrub spray on fixed riser. RainBird MPR 12 Series nozzle w/PASS
- ☒ Pop up shrub spray. RainBird 1812 w/12 Series nozzle.
- MAIN LINE PIPE / 2 1/2" CLASS 200 PVC / 30" DEPTH OF BURY**
- LATERAL LINE PIPE / SCH 40 PVC / 18" DEPTH OF BURY / SIZED AS MARKED**
- PRESSURE COMPENSATING BUBBLER RB 1408 - 2 GPM**
- 2 1/2" PGL BRONZE GATE VALVE IN PASS & HAYES 3/4" VALVE BOX**
- NOTE: - INSTALL A MANUAL DRAW AT EACH GATE VALVE. SEE 4/L2**

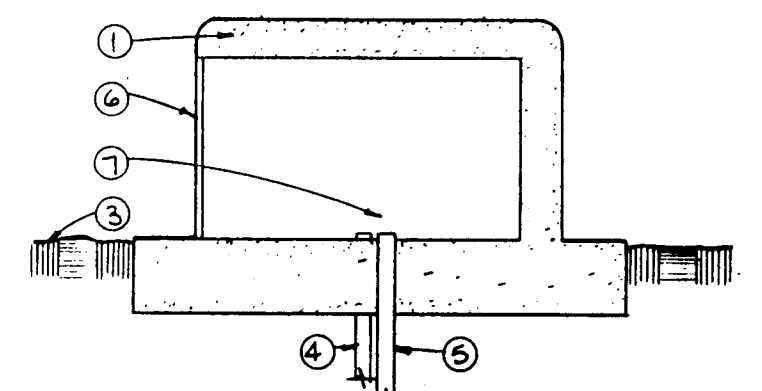
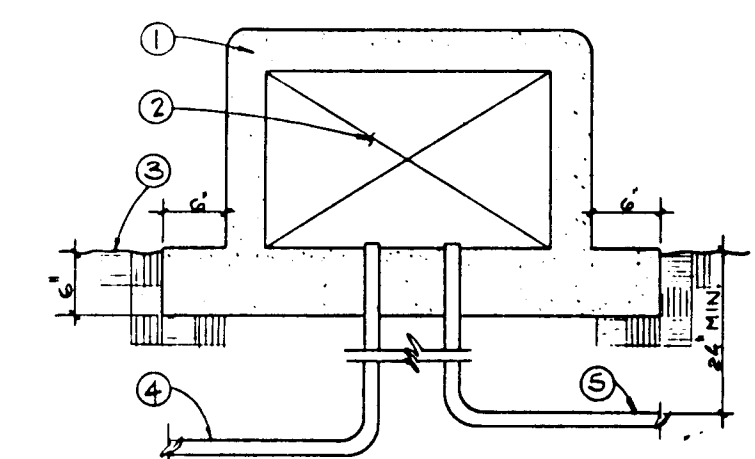


- KEYED NOTES**
- | | |
|-----------------------------|---------------------------------|
| ① TREE GRATE | ④ SCH. 40 FITTING |
| ② 3000 PSI CONCRETE | ⑤ FINISH BRAD |
| ③ TREE GRATE FRAME & ANCHOR | ⑥ BACKFILL AS PER PLANS & SPEC. |
| ④ BUBBLER | ⑦ LATERAL PIPING |
| ⑤ SCH. 80 PVC HOLLOW RIBBLE | ⑧ 90° COMPACTED SUBGRADE |
- ⑤ TREE GRATE AND BUBBLER**
N.T.S.



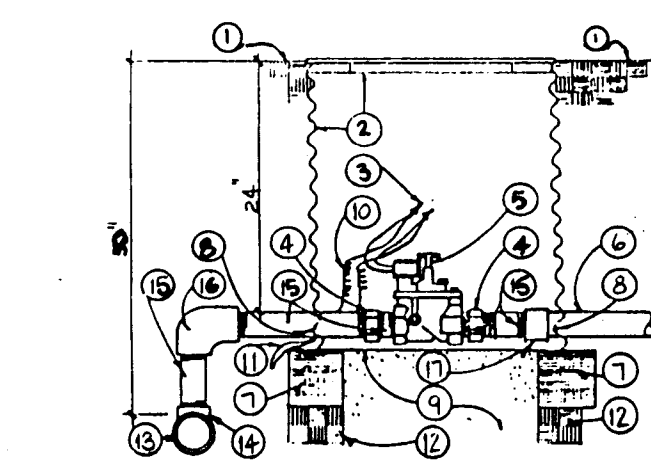
- ### KEYED NOTES
- | | |
|--|-----------------------|
| 1 FINISH GRADE | 5 PVC LATERAL PIPING |
| 2 FLOOD BUNDLES, 1" ABOVE GRADE OR PULCH | 6 PVC NIP ADAPTER |
| 3 SCH 80 PVC ELL | 7 PVC FLEX HOSE (12") |
| 4 SCH 80 PVC RISER | 8 PVC S&S/T TEE |

- 6** **FIXED RISER ASSEMBLY**



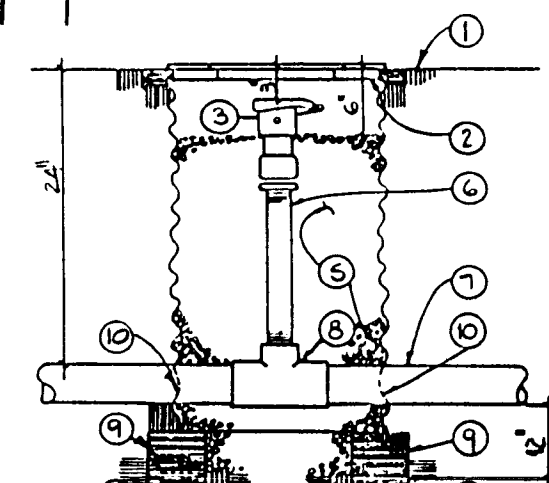
- KEYED NOTES:**
- | | |
|--|---|
| ① Concrete automatic controller vault as manufactured by owner to be purchased by the contractor | ⑥ Direct burial to remote control valve |
| ② Wined steel face plate with lock | ⑦ Steel plate door with lock |
| ③ Set base 1" above finish grade | ⑧ Automatic controller location |
| ④ 120 volt wire in conduit to service connection as per national electric code | |

- 7 AUTOMATIC CONTROLLER VAULT**
4-Z N.T.S.



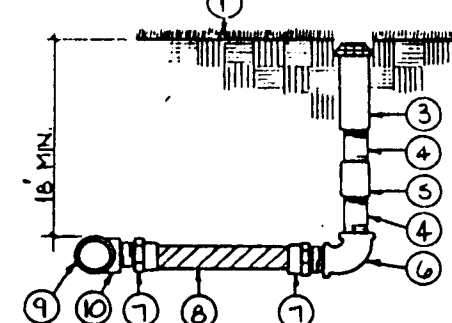
- | <u>KEYED NOTES:</u> | |
|-------------------------------|-------------------------------|
| ① FINISH GRADE | ③ 2 CUBIC FEET 1" DIA. |
| ② STEEL VALVE BOX BASS & | ④ WASTED ROCK |
| HAYES 3-4-0 | ⑤ 36" WIRE EXPANSION COIL |
| SPEARNS DRI-SPLICE CONNECTORS | ⑥ WIRE BUNDLE |
| ④ GALV. UNION | ⑦ COMPACTED SUBGRADE TO 95% |
| ⑤ AUTOMATIC GLOVE (SEE PLAN) | ⑧ MAINLINE |
| ⑥ LATERAL PIPE | ⑨ MAINLINE TEE |
| ⑦ 8"X"16" SOLID CHU | ⑩ GALV. HIPPLE |
| ⑧ CUT OUT FOR LATERAL PIPE | ⑪ MAINLINE ELL |
| | ⑫ SCH. 40 PVC. SHT. EXPANTING |

- 1 AUTOMATIC VALVE ASSEMBLY.**
1.2 N.T.S.



- KEYED NOTES:**
- | | | | |
|-----|---|------|--|
| (1) | FINISH GRADE | (6) | SCR. 80 PVC MOLDED RISER |
| (2) | CORROGATED STEEL VALVE BOX
BASE & WAYS 36" | (7) | MAINLINE |
| (3) | QUICK COUPLING VALVE | (8) | SCR. 40 PVC S&S ¹ - TEN FOR PIPE
2" SMALLER FOR PIPE 2 1/2"
& LARGER USE GASKET TEE |
| (4) | SUBGRADE CONTRACTED TO 95% | (9) | 8" x 16" SOLID OSG |
| (5) | 1" WASHED ROCK | (10) | CUT OUT FOR MAINLINE |

- 2 QUICK COUPLING VALVE ON**
L2 FIXED RISER **N.T.S.**

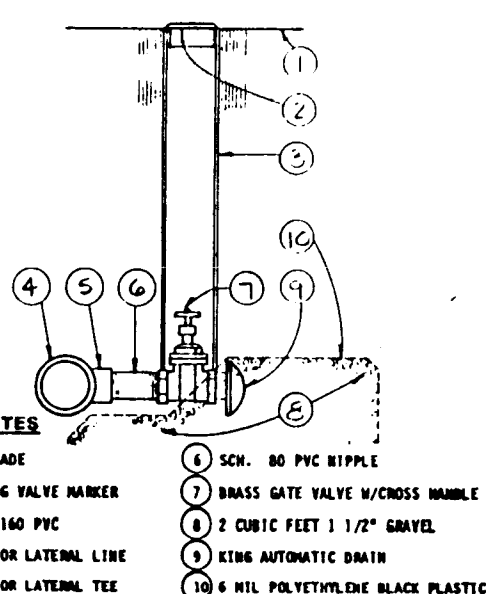


- KEYED NOTES:**

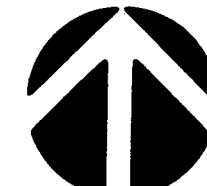
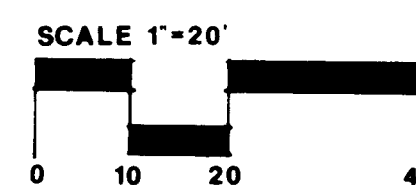
①	FINISH GRADE	⑥	GA.V. E.L.
②		⑦	SCH. 40 PVC MIP ADAPTER
③	SPRINKLER HEAD	⑧	PVC FLEX HOSE (12")
④	SCH. 80 PVC MOLDED NIPPLE (5")	⑨	LATERAL PIPE
⑤	GA.V. COUPLING	⑩	SCH. 40 PVC SXST TEE

NOTE: FLEX CEMENT MUST BE USED AT FLEX HOSE & PVC CONNECTION

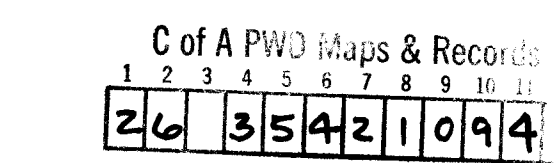
- ② SPRINKLER HEAD W/ FLEX HOSE
L2 RISER ASSEMBLY N.T.S.



- | KEYED NOTES | |
|----------------------------|-------------------------------------|
| 1 FINISH GRADE | 8 SCH. 40 PVC PIPE |
| 2 LOCKING VALVE MARKER | 9 BRASS GATE VALVE W/CROSS HANDLE |
| 3 2" CLASS 160 PVC | 10 CURB FEET 1 1/2" GRAVEL |
| 4 MAINLINE OR LATERAL LINE | 11 EXIS AUTOMATIC DRAIN |
| 5 MAINLINE OR LATERAL TEE | 12 6 MIL POLYETHYLENE BLACK PLASTIC |



31
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—DCW—
LANDSCAPE ARCHITECTURE-DEVELOPMENT PLANNING
P.O. BOX 1542 505/897-7430
CORRALES, NEW MEXICO 87048



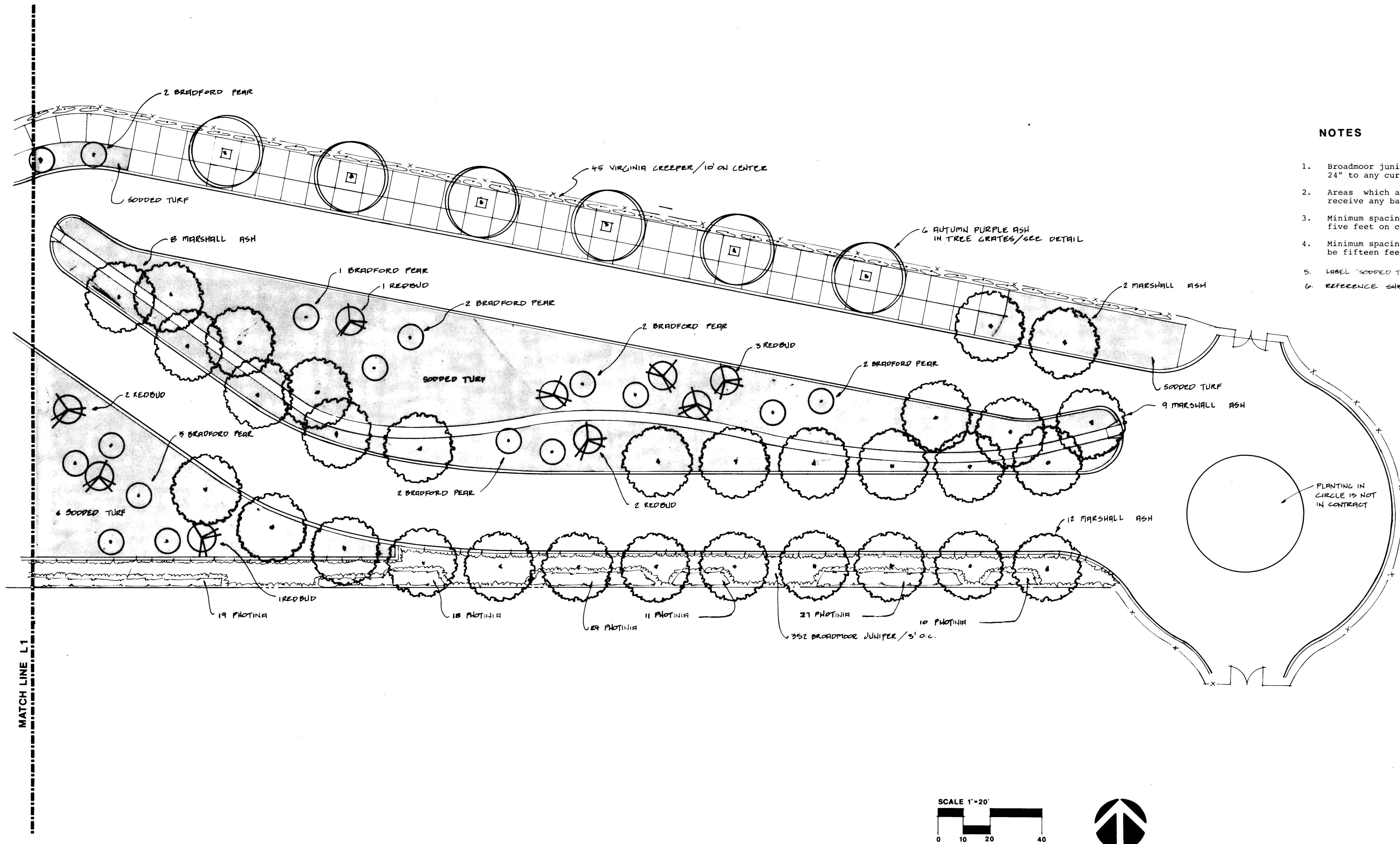
**ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION**

IRRIGATION PLAN



DATE:
NOVEMBER 1988
SHEET # 12

301 GOLD AVENUE SW/SUITE 204/ALBUQUERQUE, NM 87102

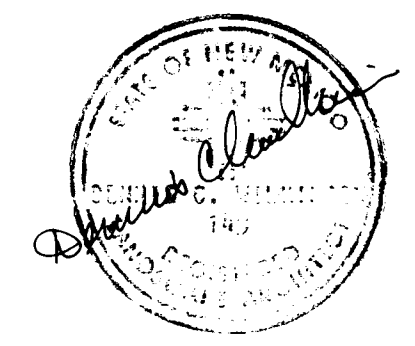


NOTES

1. Broadmoor junipers shall be planted no closer than 24" to any curb or sidewalk.
2. Areas which are planted in vinca groundcover shall not receive any bark mulch.
3. Minimum spacing between Marshalls Ash shall be twenty-five feet on center.
4. Minimum spacing between Redbud and Bradford Pear shall be fifteen feet on center.
5. LABEL "SODDED TURF" ON THIS SHEET IS SAME AS GRASS SOD ON SHEET L1
6. REFERENCE SHEET L1 FOR PLANTING LEGEND & DETAILS.

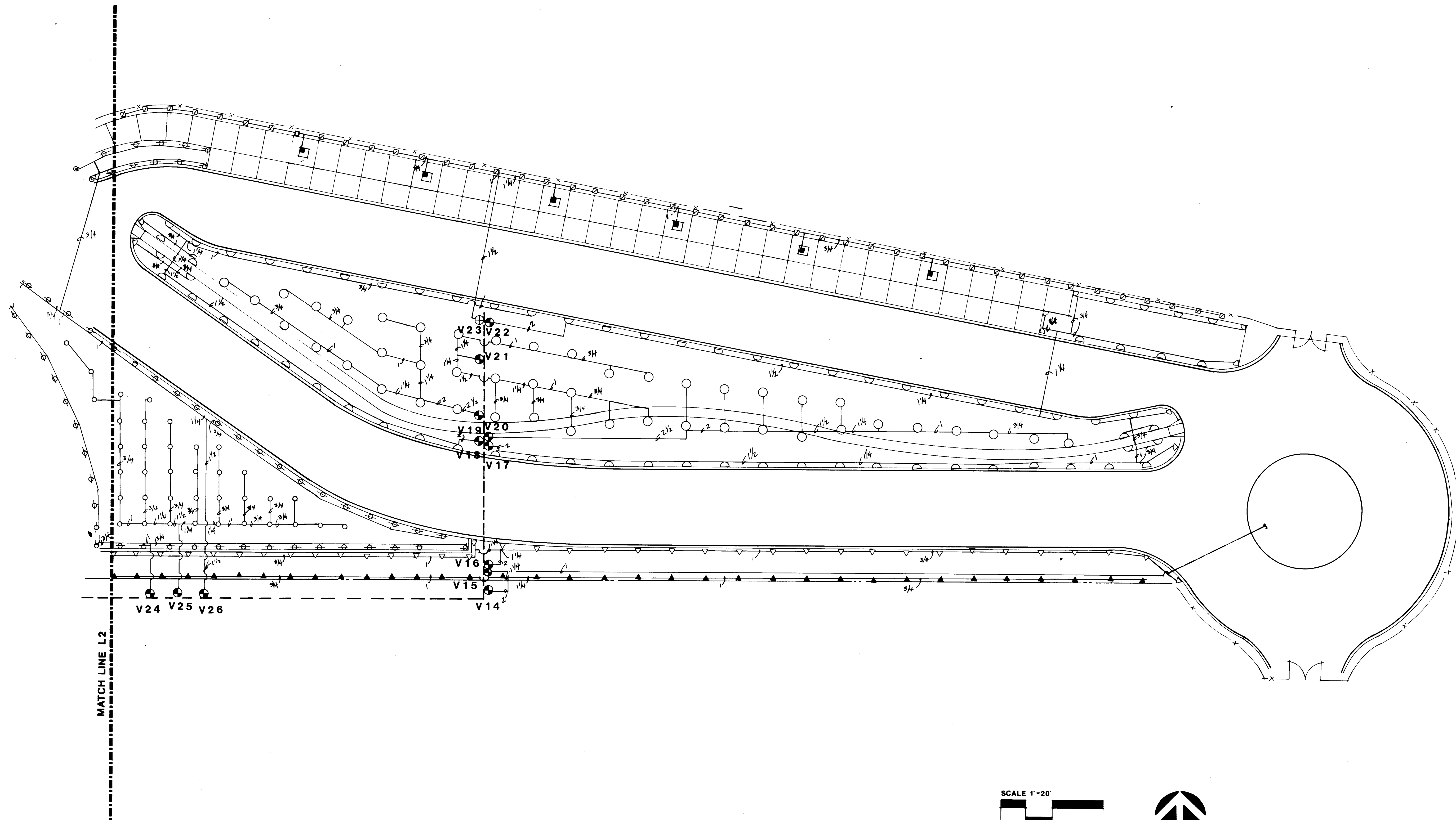
C of A PWD Maps & Records

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26	3	5	4	2	1	1	9	4			



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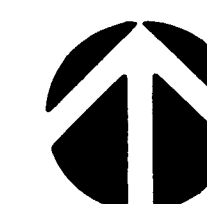
ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION	
PHIL CHACON PARK LANDSCAPE PLAN	DATE: NOVEMBER 1998 SHEET # L2
	341 GOLD AVENUE SW / SUITE 204 / ALBUQUERQUE, NM 87102



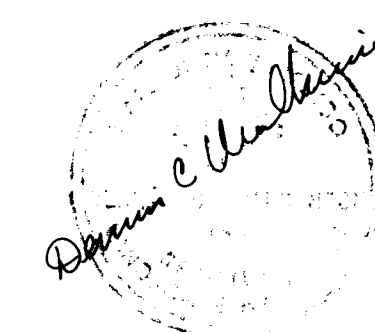
NOTES

1. REFERENCE SHEET L2 FOR LEGEND, NOTES & DETAILS

SCALE 1"=20'



C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 35421294



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LANDSCAPE ARCHITECTURE-DEVELOPMENT PLANNING
P.O. BOX 1542 505/897-7430
CORRALES, NEW MEXICO 87048

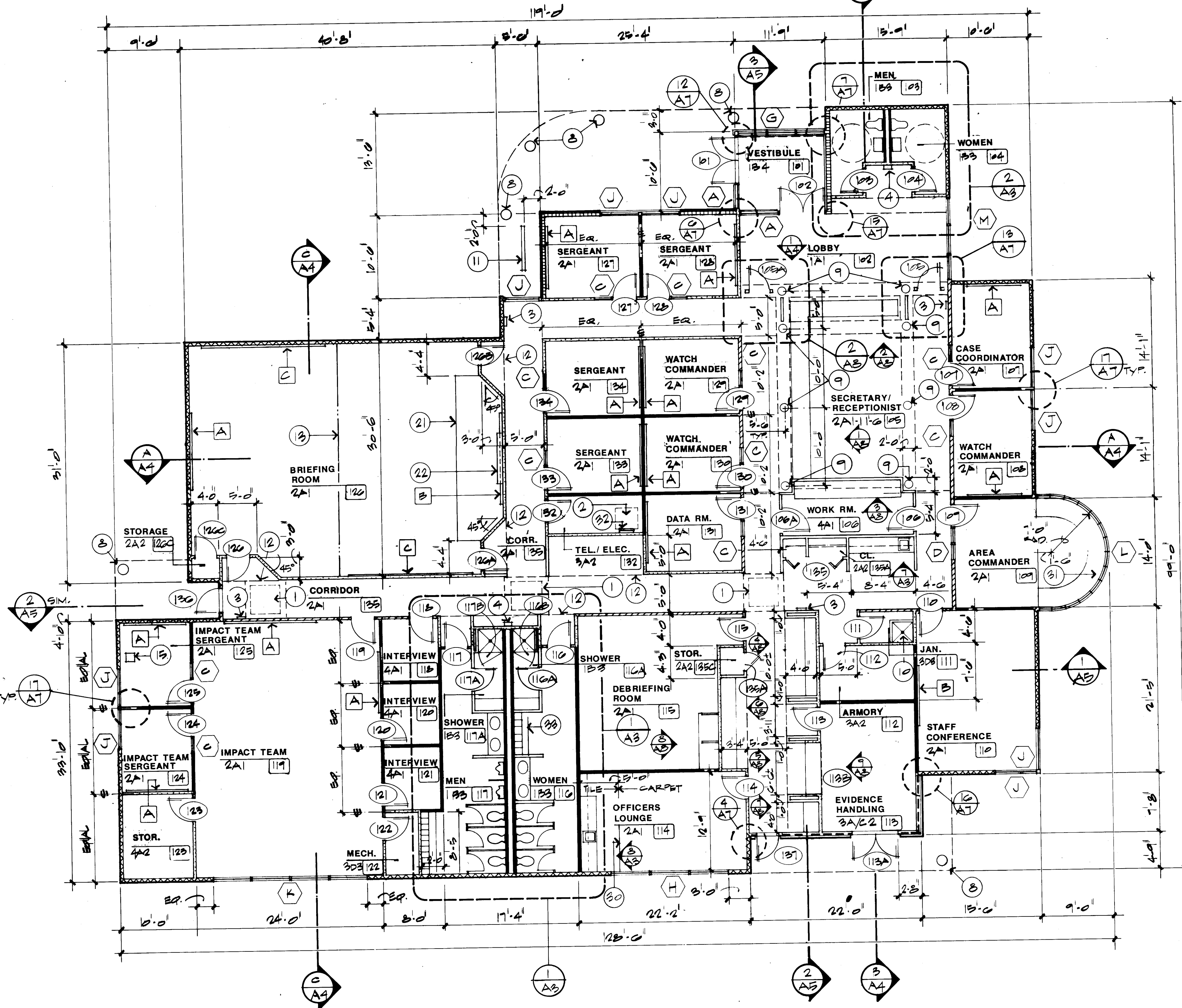
ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION
PHIL CHACON PARK
IRRIGATION PLAN

THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS
301 GOLD AVENUE SW SUITE 204 ALBUQUERQUE, NM 87102



DATE:
NOVEMBER 1988
SHEET #
L4

DOOR SCHEDULE											
DOOR		DETAILS		REMARKS							
NO.	SIZE	TYPE	FRAME	DOOR	HEAD	JAMB	BILL				
101	PR 3070	AL-1	1	A	1/4" TEMP.	SEE ELEV.	5/8"	5/8"	5/8"		
102	PR 3070	AL-1	2	A	1/4" TEMP.	SEE ELEV.	5/8"	5/8"	5/8"		
103	3070	SC-1	10	B			1/8"	1/8"	1/8"		
104	3070	SC-1	10	B			1/8"	1/8"	1/8"		
105	3080	SC-1	3	B			1/8"	1/8"	1/8"		
105A	3080	SC-1	3	B			1/8"	1/8"	1/8"		
106	3070	SC-1	7	B			1/8"	1/8"	1/8"		
106A	3070	SC-1	7	B			1/8"	1/8"	1/8"		
107	3070	SC-1	7	C	1/4" TEMP.	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
108	3070	SC-1	7	C	1/4" TEMP.	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
109	3070	SC-1	7	D	1/4" TEMP.	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
110	3070	SC-1	12	B	1/4" WIRE	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
111	3070	SC-1	15	B			1/8"	1/8"	1/8"		
112	3070	SC-1	7	B			1/8"	1/8"	1/8"		
113	3070	SC-1	15	B			1/8"	1/8"	1/8"		
113A	PR 3070	HM-1	4	E			3/8"	3/8"	3/8"		
113B	8'-0" X 7'-0"	1 HR.	18	B	1/4" WIRE		1/8"	1/8"	1/8"		
114	3070	SC-2	9	B	1/4" WIRE		1/8"	1/8"	1/8"		
115	3070	SC-2	13	B	1/4" WIRE		1/8"	1/8"	1/8"		
116	3070	SC-1	9	B			1/8"	1/8"	1/8"		
116A	3070	SC-1	11	B			1/8"	1/8"	1/8"		
116B	2668	MANU.	18	MANU.	1/4" TEMP.		1/8"	1/8"	1/8"		
117	3070	SC-1	11	B			1/8"	1/8"	1/8"		
117A	3070	SC-1	11	B			1/8"	1/8"	1/8"		
117B	2668	MANU.	18	MANU.	1/4" TEMP.		1/8"	1/8"	1/8"		
118	3070	SC-1	7	B			1/8"	1/8"	1/8"		
119	3070	SC-2	12	B	1/4" WIRE		1/8"	1/8"	1/8"		
120	3070	SC-1	8	B			1/8"	1/8"	1/8"		
121	3070	SC-1	8	B			1/8"	1/8"	1/8"		
122	3070	SC-1	15	B			1/8"	1/8"	1/8"		
123	3070	SC-1	7	B			1/8"	1/8"	1/8"		
124	3070	SC-1	8	C	1/4" TEMP.	1/8"	1/8"	1/8"	1/8"		
125	3070	SC-1	8	C	1/4" TEMP.	1/8"	1/8"	1/8"	1/8"		
126	3070	SC-2	6	B	1/4" WIRE		1/8"	1/8"	1/8"		
126A	3070	SC-2	6	B	1/4" WIRE		1/8"	1/8"	1/8"		
126B	3070	SC-2	6	B	1/4" WIRE		1/8"	1/8"	1/8"		
126C	2670	45 MIN.	16	B			1/8"	1/8"	1/8"		2670 OPENING
127	3070	SC-1	7	C	1/4" TEMP.	1/8"	1/8"	1/8"	1/8"		
128	3070	SC-1	7	C	1/4" TEMP.	1/8"	1/8"	1/8"	1/8"		
129	3070	SC-1	7	C	1/4" TEMP.	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
130	3070	SC-1	7	C	1/4" TEMP.	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
131	3070	SC-1	13	C	1/4" TEMP.	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
132	3070	SC-1	13	C	1/4" TEMP.	1/8" SLM 1/8" SLM	1/8"	1/8"	1/8"		
133	3070	SC-1	7	C	1/4" TEMP.	1/8"	1/8"	1/8"	1/8"		
134	3070	SC-1	7	C	1/4" TEMP.	1/8"	1/8"	1/8"	1/8"		
135	DI-FOLD	SC-3	17	B			1/8"	1/8"	1/8"		7770 OPENING
135A	2670	45 MIN.	16	B			1/8"	1/8"	1/8"		
136	3070	HM-1	5	T			3/8"	3/8"	3/8"		
137	3070	HM-1	5	T			3/8"	3/8"	3/8"		



FLOOR PLAN

SCALE 1/8" = 1'-0"

SECTION

PARTIAL ELEVATION

PROJECTION SCREEN VALANCE

2' = 1'-0"

PLATFORM FRAMING

1/4" = 1'-0"

TACKBOARD

1/4" = 1'-0"

WRITING SURFACE

WRITING SURFACE/TACKBOARD

GENERAL NOTES: A1
A. ALL DIMENSIONS ARE TO FACE OF STUD, CMU, OR CENTERLINE OF WALL, UNLESS NOTED OTHERWISE.

NOTES:

- 4'-0" X 4'-0" SKYLIGHT. SEE DETAIL 2/A9.
- ROOF HATCH. SEE DETAIL 1/A9.
- FIRE EXTINGUISHER AND CABINET. MOUNT 4'-0" A.P.F. TO CENTER OF CABINET. 4 REQUIRED.
- ELECTRIC WATER COOLER. SEE MECH. 2 REQUIRED.
- 1/4" WIRE GLASS.
- 1/4" TEMPERED GLASS, TINT @ EXTERIOR, CLEAR @ INTERIOR.
- 1/4" TEMPERED GLASS, OBSCURE PATTERN.
- 1'-6" DIAMETER COLUMN. SEE DETAIL 6/A6. SEE STRUCTURAL FOR LOCATIONS.
- 1'-0" DIAMETER COLUMN. SEE DETAIL 3/A6.
- MOP SINK. SEE MECH.
- BICYCLE RACK. SEE SPECIFICATIONS.
- SOFFIT AT 7'-2" HT. SEE REFLECTED CEILING PLAN.
- FOLDING PARTITION SEE STRUCTURAL FOR TYPE.
- FOR LOCATION AND SPECIFICATIONS FOR TYPE.
- CARRY GYP. BOARD TO UNDERSIDE OF ROOF DECK ON INSIDE OF ROOMS ONLY.
- FLOOR SAFE. SEE FOUNDATION PLAN FOR LOCATION. SEE SPECIFICATIONS.
- PORCELAIN ENAMEL WRITING SURFACE.
- TACKBOARD.
- ALUMINUM TRIM, ALL SIDES.
- SEE FLOOR PLAN FOR EXACT LOCATIONS. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS AND CONDITIONS. CENTER BOARDS ON WALL UNLESS OTHERWISE NOTED.
- FINISH FLOOR LINE.
- PLATFORM. SEE FRAMING PLAN THIS SHEET.
- PROJECTION SCREEN VALANCE, CENTER ON WALL, SEE DETAIL THIS SHEET.
- 2' X 12'S AT 12" O.C. W/ 3/4" T & G PLYWOOD FLOORING, SCREWED AND GLUED. SECURE TO SLAB. CARPET FLOOR AND FRONT TO MATCH CARPET IN ROOM. NOTE LOCATION OF ELECTRICAL OUTLETS IN FRONT AND IN FLOOR LOCATIONS. SEE ELECTRICAL.
- ENTIRE VALANCE TO BE MADE OF 1" NOMINAL RED OAK W/ CLEAR NATURAL FINISH. RELIEVE ALL FRONT EDGES TO A ROUND EDGE. COUNTERSINK ALL EXPOSED SCREWS AND FILL HOLES FLUSH.
- METAL STUD WALL.
- SCREW THROUGH AT EACH STUD.
- (3) EQUALLY SPACED BRACES, SCREWED BOTH SIDES.
- ROLL-UP PROJECTION SCREEN. SEE SPECIFICATIONS.
- VINYL REDUCER STRIP.
- CREDENZA. SEE DETAIL 5/A5.
- ACCESS LADDER. SEE DETAIL 1/A7.
- CONCRETE BENCH. SEE DETAIL 5/A6.

FINISH SCHEDULE

FLOOR/BASE	WALLS	CEILING
1 CERAMIC TILE & BASE	A GYPSUM BOARD, PAINT	1 ACOUSTICAL LAY-IN
2 CARPET W/ VINYL BASE	B M. R. GYPSUM BOARD CERAMIC TILE	2 GYPSUM BOARD, PAINT
3 SEALED CONCRETE W/ VINYL BASE	C CMU, PAINT	3 M. R. GYPSUM BOARD, PAINT
4 VINYL TILE W/ VINYL BASE	D M. R. GYPSUM BOARD, PAINT	4 EXTERIOR INSULATION FINISH SYSTEM

SPACE NUMBER	ASSEMBLY HALL
SPACE DESCRIPTION	ASSEMBLY HALL
FLOOR FINISH	1/1
WALL FINISH	1/1
CEILING	1/1
CEILING HEIGHT	1/1

NOTE:
ALL CEILING HEIGHTS TO BE 9'-0" UNLESS NOTED OTHERWISE OR DETAILED OTHERWISE, SEE REFLECTED CEILING PLAN.

WALL LEGEND

- EXTERIOR INSULATION FINISH SYSTEM OVER 6" X 18 GA. STEEL STUDS @ 16" O.C.
- CERAMIC TILE OVER SUBSTRATE ON 6" X 18 GA. STEEL STUDS @ 16" O.C.
- CERAMIC TILE OVER 8" CMU.
- 5/8" TYPE "X" GYPSUM BOARD OVER 6" X 25 GA. METAL STUDS @ 24" O.C. CARRY TO UNDERSIDE OF ROOF DECK (1-HR. WALL CONSTRUCTION).
- 5/8" GYPSUM BOARD OVER 3-5/8" X 25 GA. METAL STUDS @ 24" O.C. (TYPICAL INTERIOR PARTITION).
- 5/8" TYPE "X" GYPSUM BOARD OVER 3-5/8" X 25 GA. METAL STUDS @ 24" O.C. CARRY TO UNDERSIDE OF ROOF DECK (1-HR. WALL CONSTRUCTION).
- 2-1/2" X 25 GA. METAL STUDS @ 24" O.C. WITH 3" SOUND ATTENUATION BLANKETS AND 2 LAYERS 5/8" GYPSUM BOARD ONE SIDE AND 1 LAYER 5/8" GYPSUM BOARD OTHER SIDE, CARRY TO UNDERSIDE OF ROOF DECK.

C of A PWD Maps & Records
26 35 42 113 94

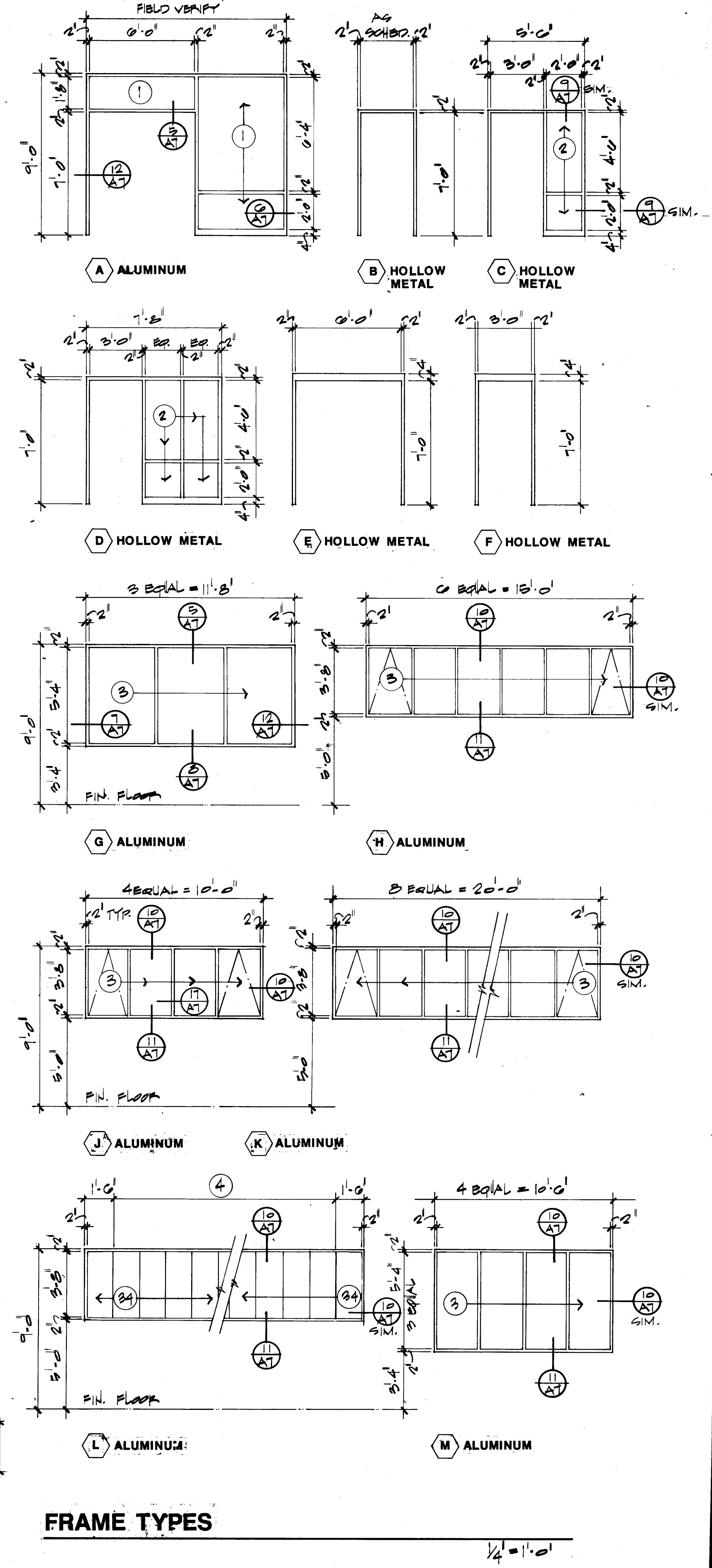
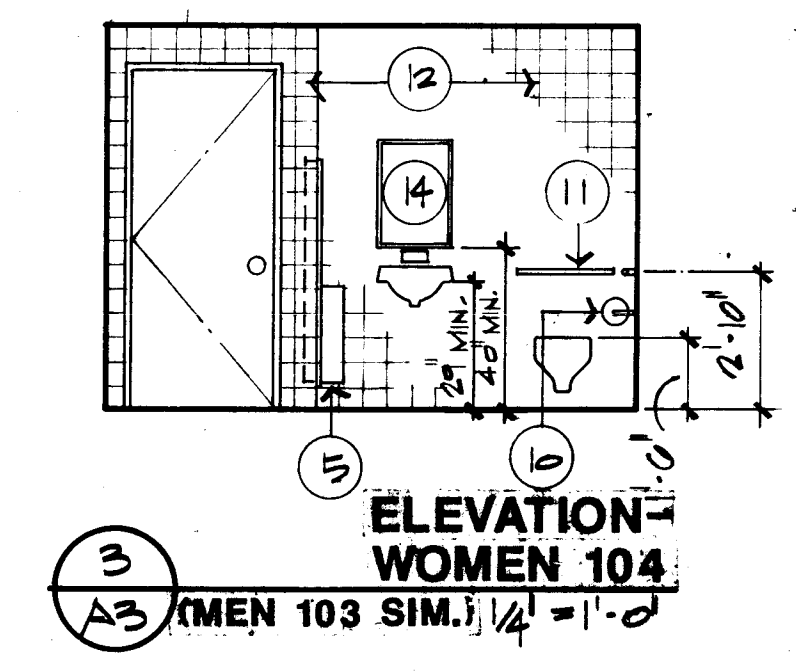
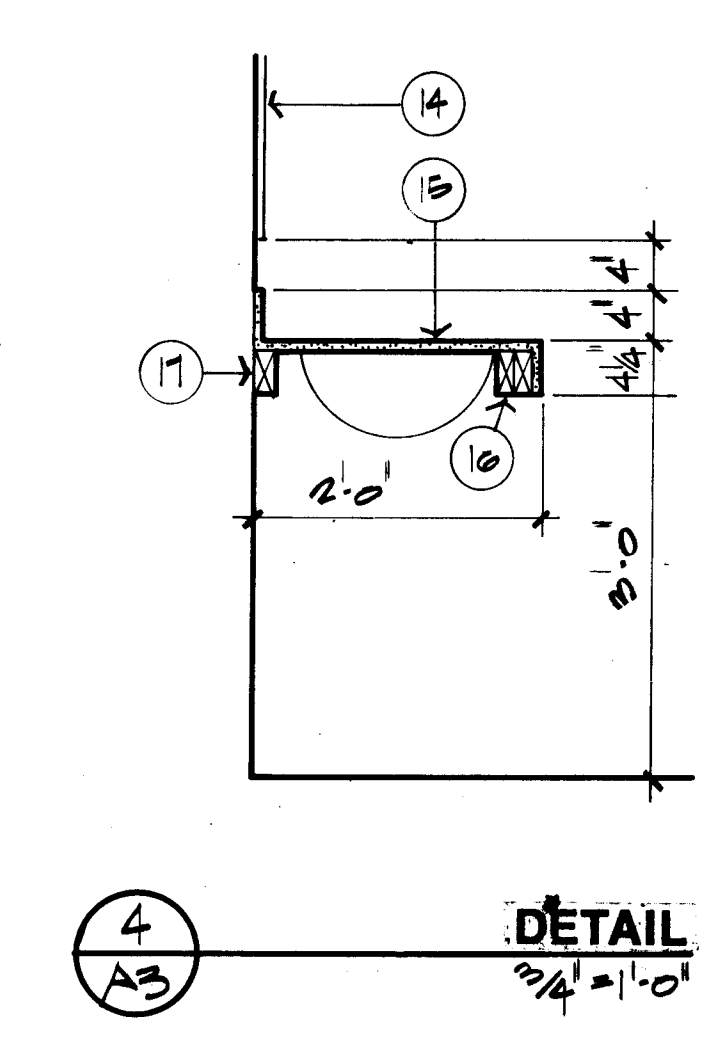
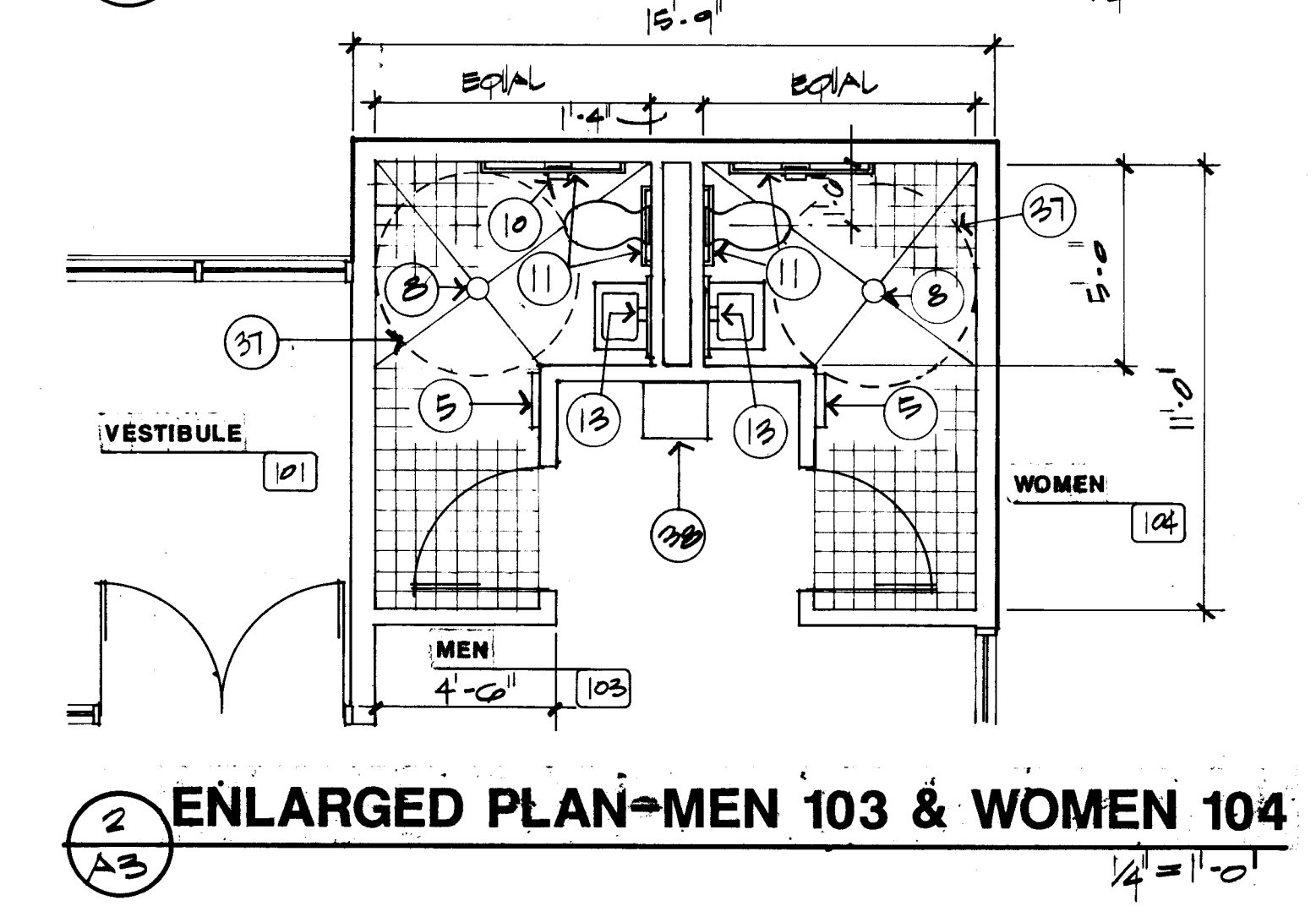
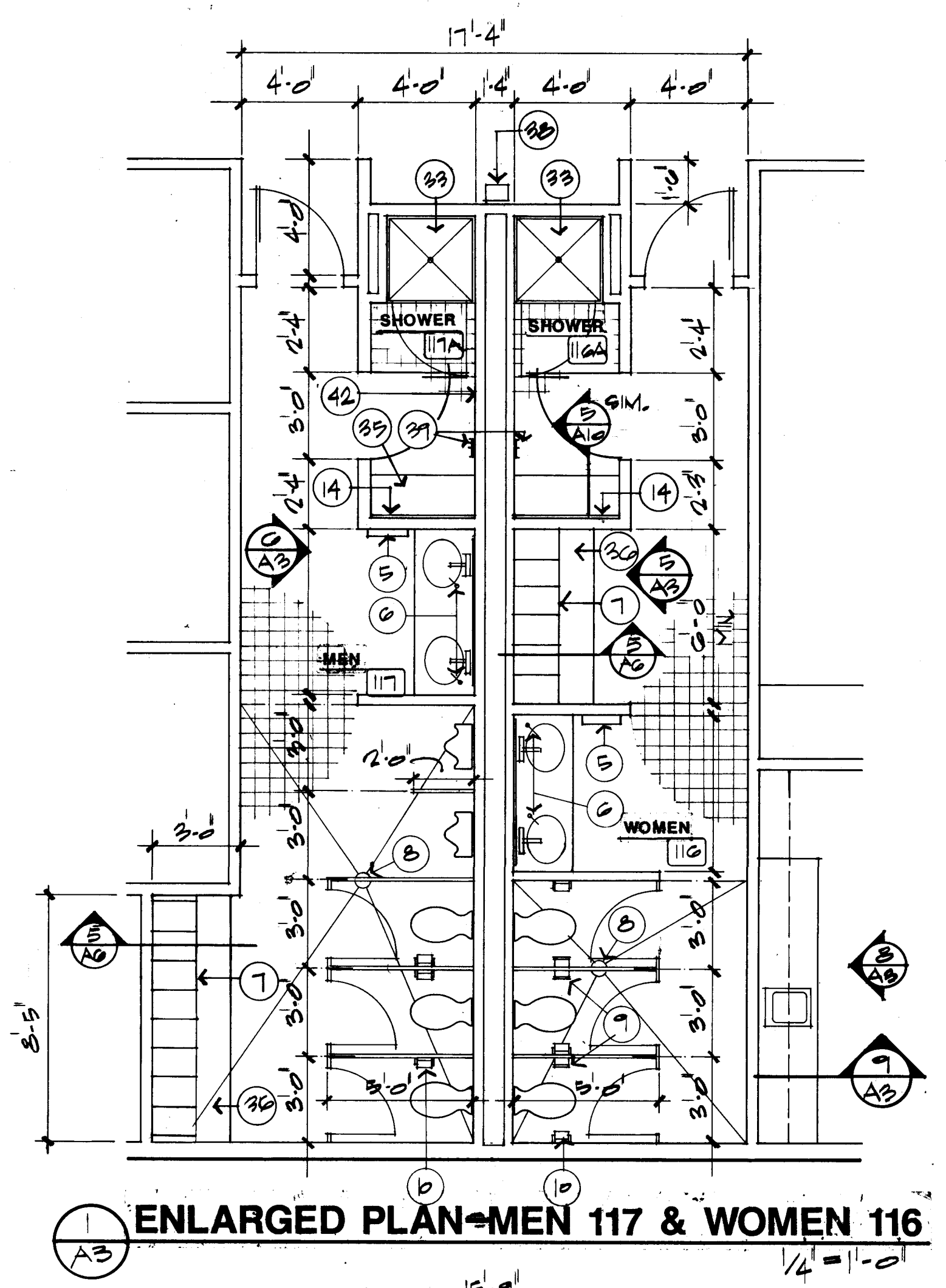
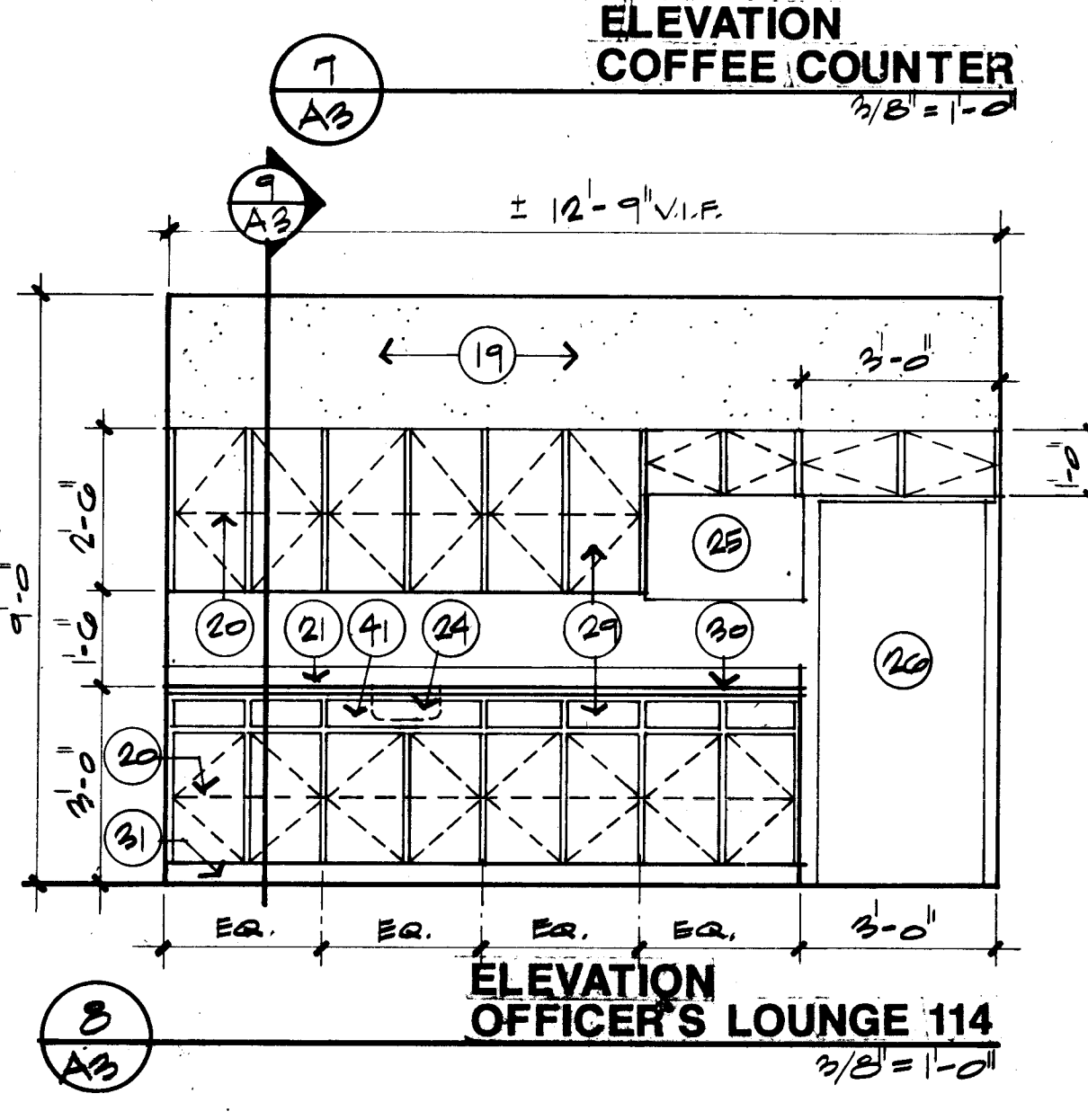
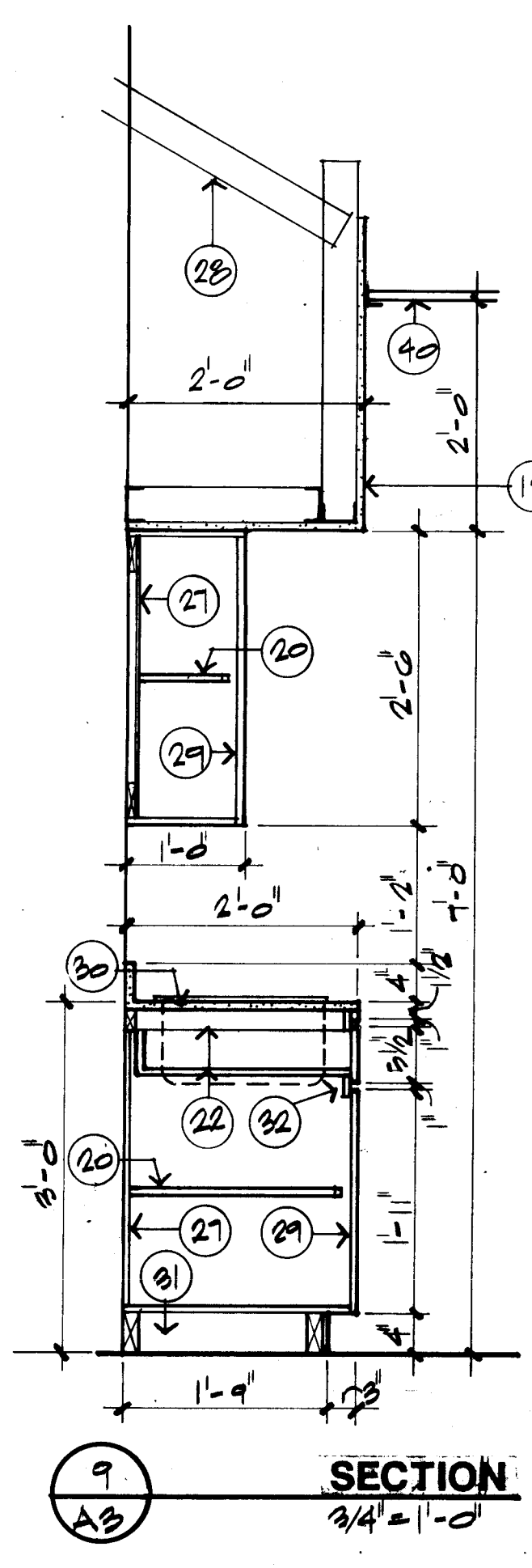
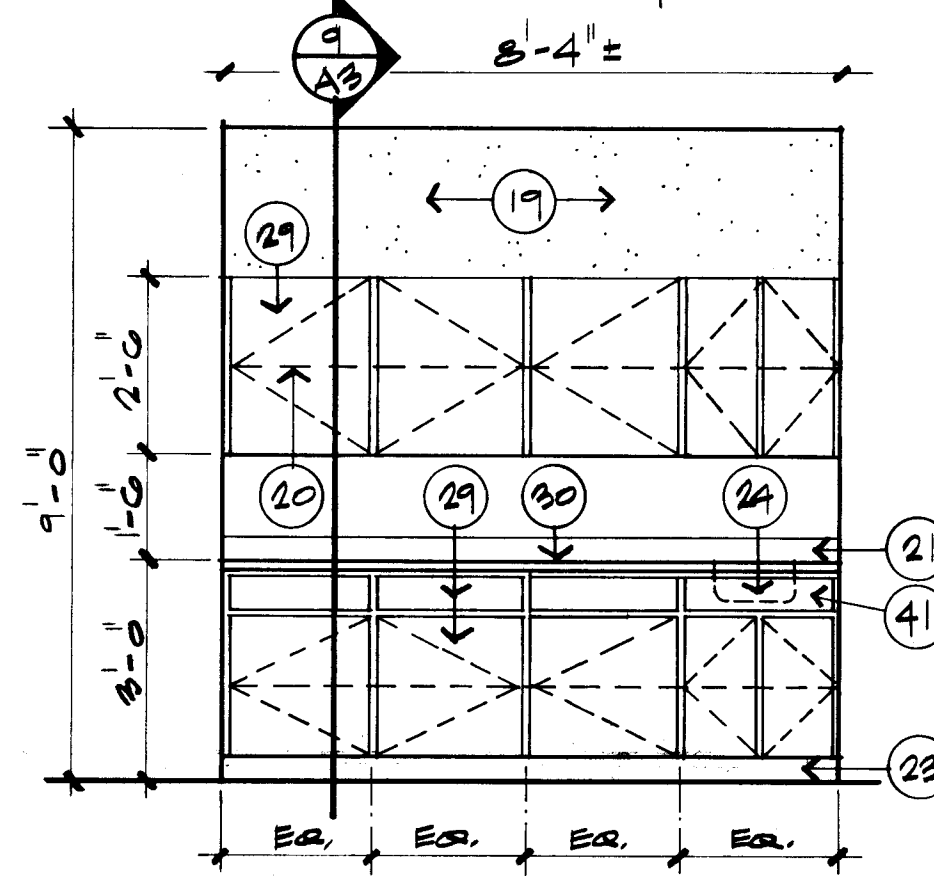
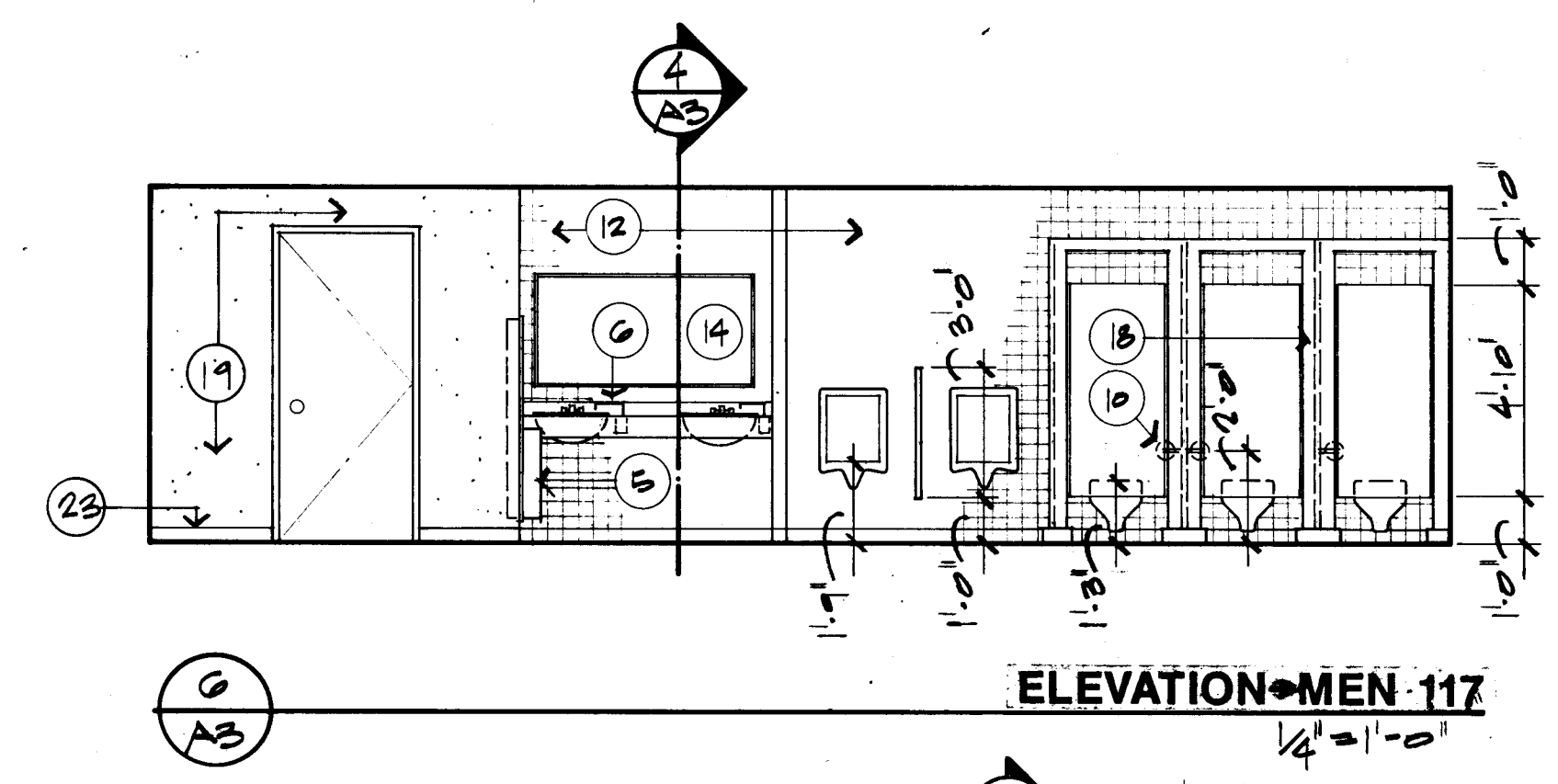
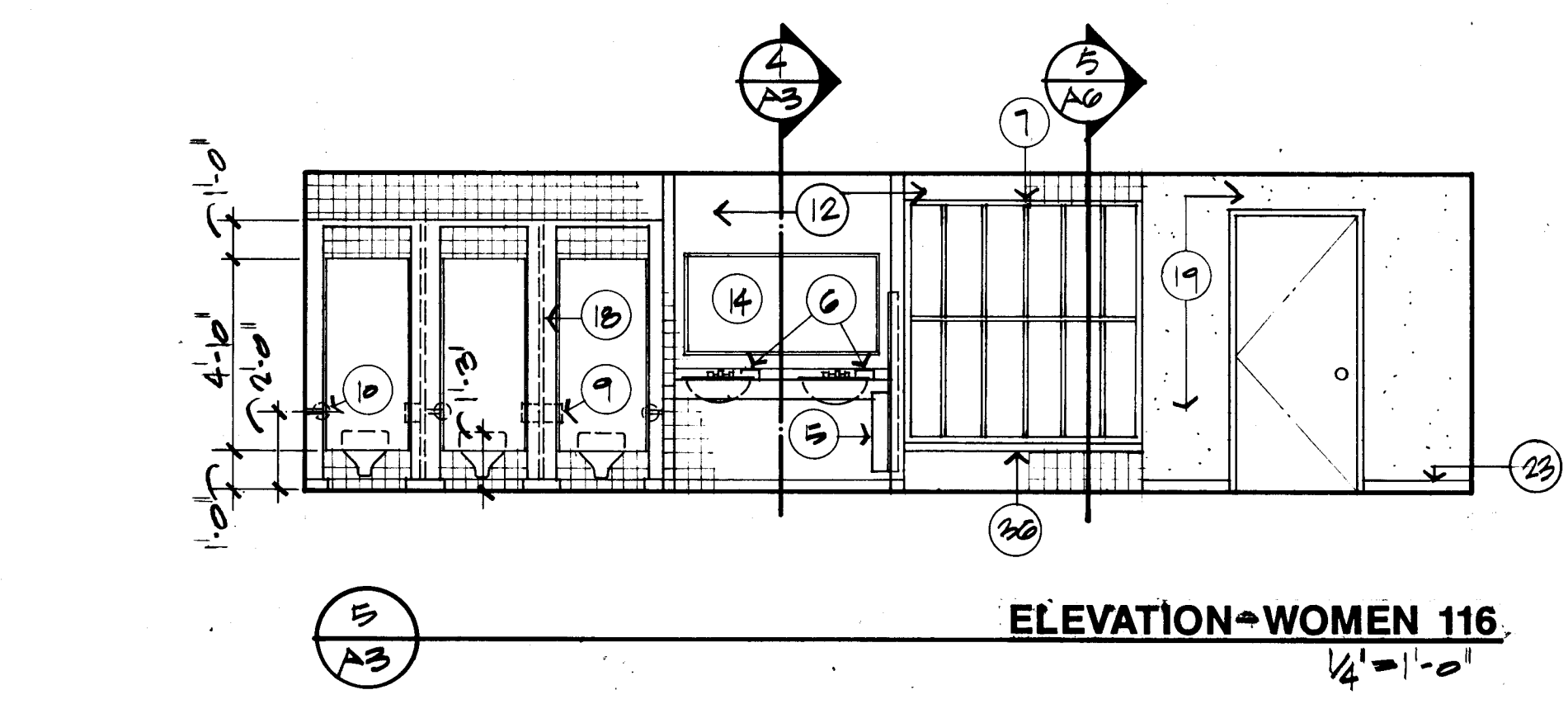
ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

FLOOR PLAN

THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS
301 GOLD AVENUE SW SUITE 201 ALBUQUERQUE, NM 87102

STATE OF NEW MEXICO
PAT MCMURRAY
REGISTERED ARCHITECT
N.M.

DATE:
NOVEMBER 1988
SHEET #
A1



- NOTES: A3
- TEMPERED GLASS: DOOR 101 - 1" INSULATED GLASS W/ 1/4" BLUE TINT EXTERIOR; 1/4" CLEAR INTERIOR. DOOR 102 - 1" INSULATED GLASS W/ 1/4" CLEAR EACH SIDE. SEE SPECIFICATIONS.
 - 1" WIRE SAFETY GLASS.
 - 1" INSULATED GLASS W/ 1/4" BLUE TINT FLOAT EXTERIOR; 1/4" CLEAR FLOAT INTERIOR. SEE SPECIFICATIONS.
 - THIS SECTION OF FRAME SHOWN IN ONE PLANE. SEE FLOOR PLAN FOR RADII, 12 EQUAL SECTIONS.
 - TOWEL DISPENSER AND WASTE RECEPTACLE. MOUNT AT MANUFACTURER'S RECOMMENDED HEIGHT.
 - SOAP DISPENSER MOUNTED ON COUNTER TOP.
 - 12" X 18" X 72" DOUBLE TIER METAL LOCKERS. SEE SPECIFICATIONS.
 - FLOOR DRAIN. SEE FOUNDATION PLAN AND MECHANICAL.
 - FEMININE WIPER DISPOSAL. TYPICAL OF 3.
 - TOILET PAPER DISPENSER.
 - GRAB BARS.
 - CERAMIC TILE.
 - SURFACE MOUNTED SOAP DISPENSER.
 - MIRROR. SEE SPECIFICATIONS.
 - PLASTIC LAMINATE OVER 3/4" PARTICLEBOARD.
 - DOUBLE 2 X 4, ANCHOR @ EACH END TO SIDE WALLS.
 - 2 X 4 CLEAR.
 - METAL TOILET PARTITION.
 - 5/8" TYPE "X" GYP. BOARD ON METAL STUDS @ 16" O.C.
 - UNEXPOSED SHELVES. 3/4" INDUSTRIAL STRENGTH PARTICLEBOARD W/ PLASTIC LAMINATE ALL EXPOSED FACES.
 - 4" PLASTIC LAMINATE BACKSPLASH.
 - DRAWERS, SIDES, BACK, AND BOTTOMS TO BE 1/2" PARTICLEBOARD W/ PLASTIC LAMINATE FACE AND ON ALL EXPOSED EDGES.
 - VINYL BASE.
 - SINK. SEE MECHANICAL.
 - MICROWAVE. NOT IN CONTRACT.
 - REFRIGERATOR. NOT IN CONTRACT.
 - UNEXPOSED CABINET BACKS. 1/2" PARTICLEBOARD.
 - METAL STUD, BRACE TO STRUCTURE.
 - FRONT PANELS (DOORS, DRAWERS, AND FIXED PANELS). 3/4" PARTICLEBOARD W/ PLASTIC LAMINATE ALL EXPOSED EDGES.
 - COUNTERTOP. PLASTIC LAMINATE OVER 3/4" PARTICLEBOARD. TO INCLUDE FRONT LIP, BACK AND SIDE SPLASHES, WHERE APPLICABLE.
 - BASE UNITS TO REST ON (2) CONTINUOUS 4" HIGH SUPPORTS W/ VINYL BASE ON ALL EXPOSED FACES AT KICK SPACES, EXCEPT WHERE OTHERWISE NOTED.
 - 3/4" HARDWOOD FRAME W/ PLASTIC LAMINATE ON ALL EXPOSED SURFACES.
 - SHOWER STALL. SEE MECHANICAL.
 - 1/4" BLUE TINT FLOAT GLASS W/ SILICON BUTT JOINTS.
 - CONCRETE BENCH. SEE DETAIL.
 - CONCRETE BENCH. SEE DETAIL 5/A6 (SIMILAR).
 - 5'-0" MIN. DIA. FOR HANDICAP REQUIREMENT.
 - ELECTRIC WATER COOLER. SEE SPECIFICATIONS.
 - CLOTHES HOOKS. SEE SPECIFICATIONS.
 - ACOUSTICAL CEILING.
 - FIXED PANEL.

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 35 42 15 9 4

**ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION**

**FRAME TYPES/ENLARGED
PLANS/ELEVATIONS**

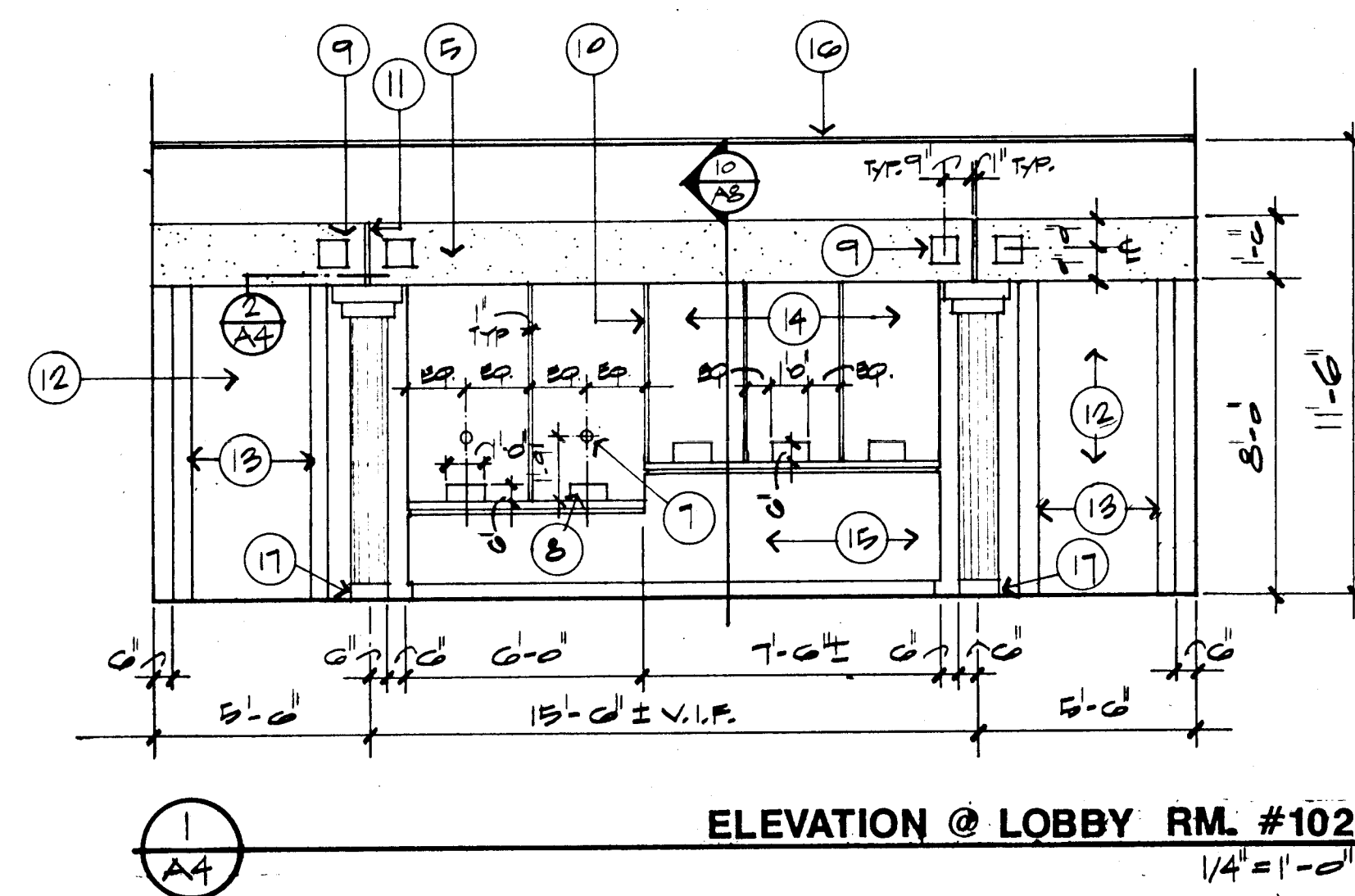
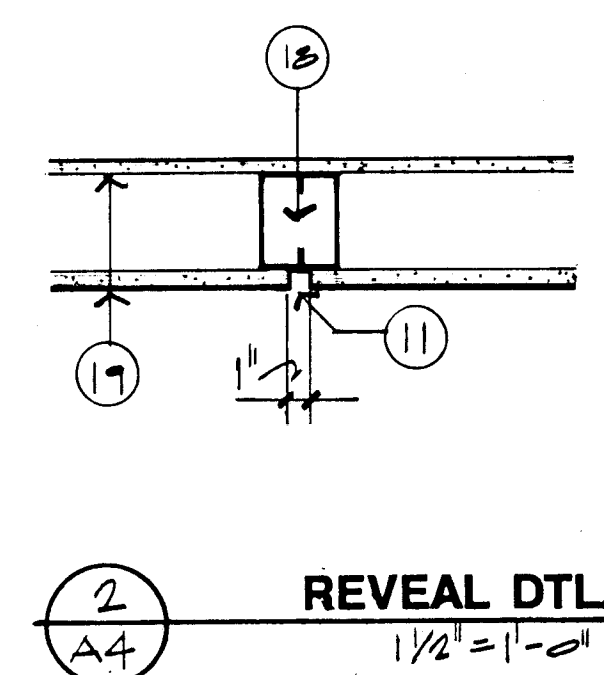
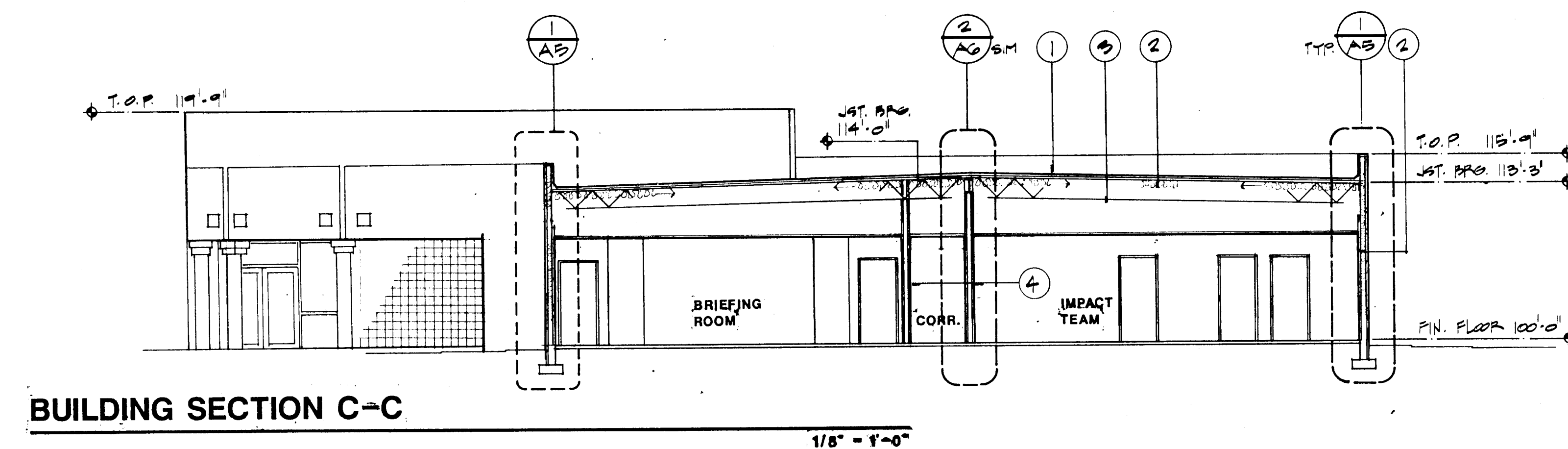
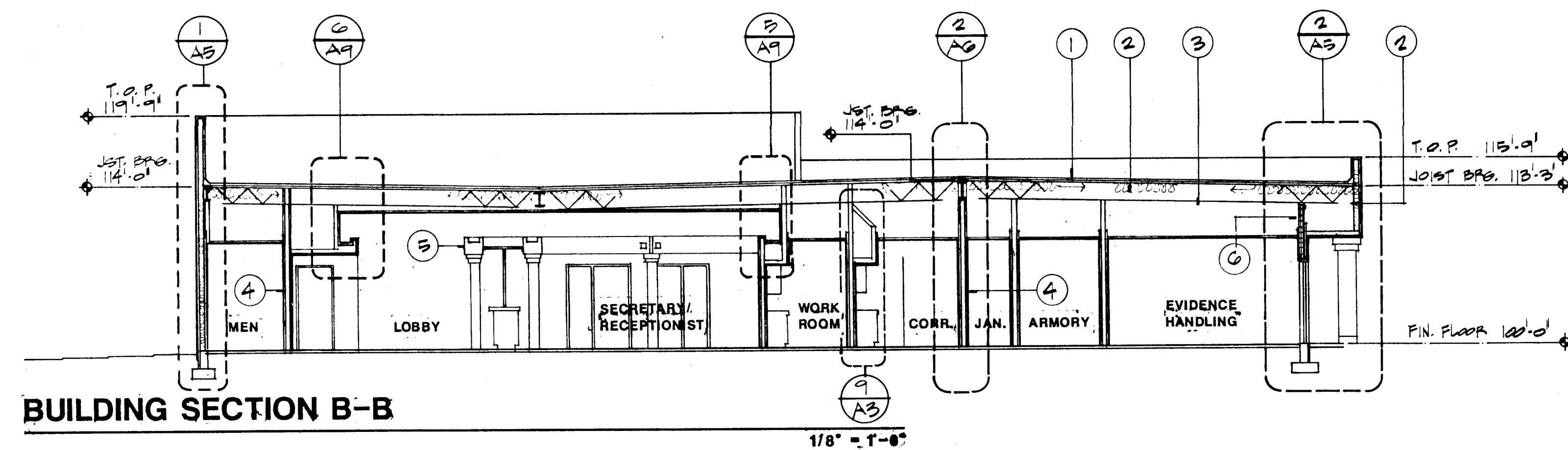
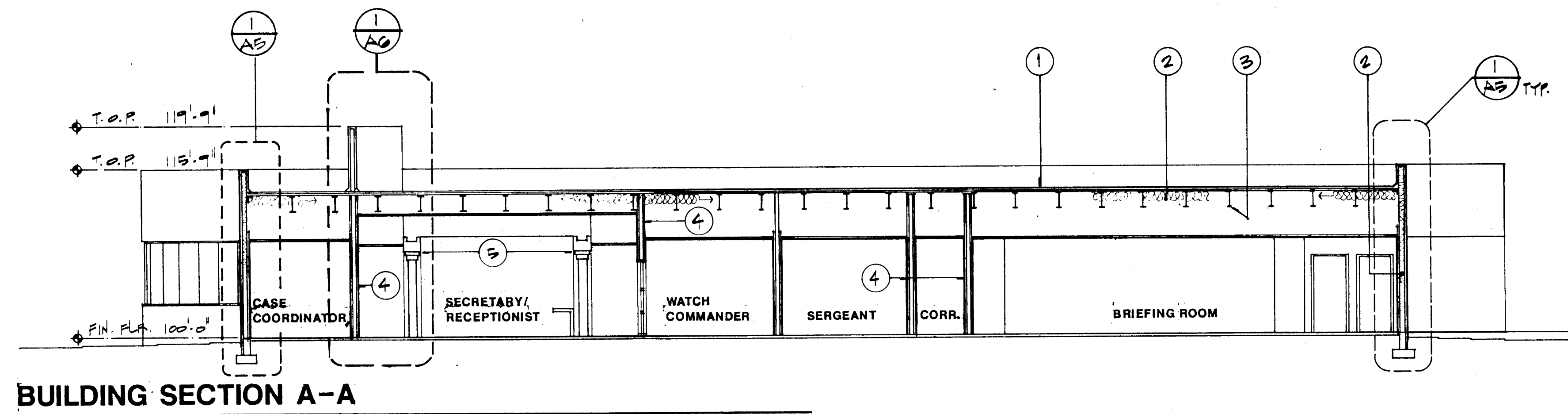
**THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS**

341 GOLD AVENUE SW SUITE 104 ALBUQUERQUE, NM 87102

STATE OF NEW MEXICO
PAT. MCMURRAY
NO. 1032
REGISTERED ARCHITECT

DATE:
NOVEMBER 1990

SHEET #
A3



- NOTES: A4
1. BUILT-UP ROOF. SEE SPECIFICATIONS.
 2. BATT INSULATION. R-19.
 3. STEEL JOIST. SEE STRUCTURAL.
 4. EXTEND 1-HR. WALL CONSTRUCTION TO UNDERSIDE OF ROOF DECK ABOVE. SEE FLOOR PLAN FOR LOCATIONS.
 5. LIGHT SHELF. SEE DETAIL 1/A6. SEE REFLECTED CEILING PLAN AND FLOOR PLAN.
 6. 8" CMU WALL CONSTRUCTION.
 7. 4" DIA. SPEAK HOLE, WHERE SHOWN.
 8. 8" X 12" CUT-OUT, WHERE SHOWN.
 9. 8" X 8" CERAMIC TILE MASTIC APPLIED TO SURFACE OF LIGHT SHELF. EDGES OF TILE TO BE PAINTED.
 10. 1" SPACE BETWEEN 3/8" TEMPERED GLASS PANELS, TYPICAL.
 11. 1" W X 1/2" D METAL REVEAL.
 12. DOOR AS SCHEDULED.
 13. 6" X 3" X 1/4" STEEL TUBE FRAME. ANCHOR TO FLOOR SLAB W/ EMBEDDED STEEL PLATE. SEE DETAIL 21/A7.
 14. GLAZING - 3/8" TEMPERED PLATE. GRIND EDGES SMOOTH.
 15. PLASTIC LAMINATE VENEER OVER 3/4" PARTICLEBOARD.
 16. ACOUSTICAL LAY-IN CEILING.
 17. 4" STRAIGHT VINYL BASE TYPICAL AT INTERIOR COLUMNS.
 18. DOUBLE 4" METAL STUDS BEHIND EACH REVEAL. PAINT.
 19. 5/8" GYP. BOARD.

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10
26 35 42 16 9 4

**ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION**

BUILDING SECTIONS

**THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS**

301 GOLD AVENUE SW SUITE 304 ALBUQUERQUE, NM 87102-1101

STATE OF NEW MEXICO
PAT
McMURRAY
1032
ALBUQUERQUE,
N.M.
REGISTERED ARCHITECT

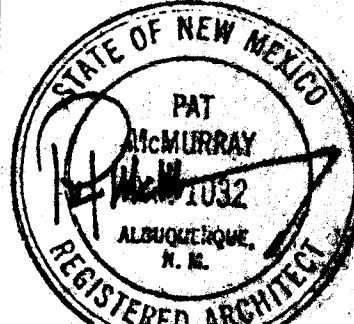
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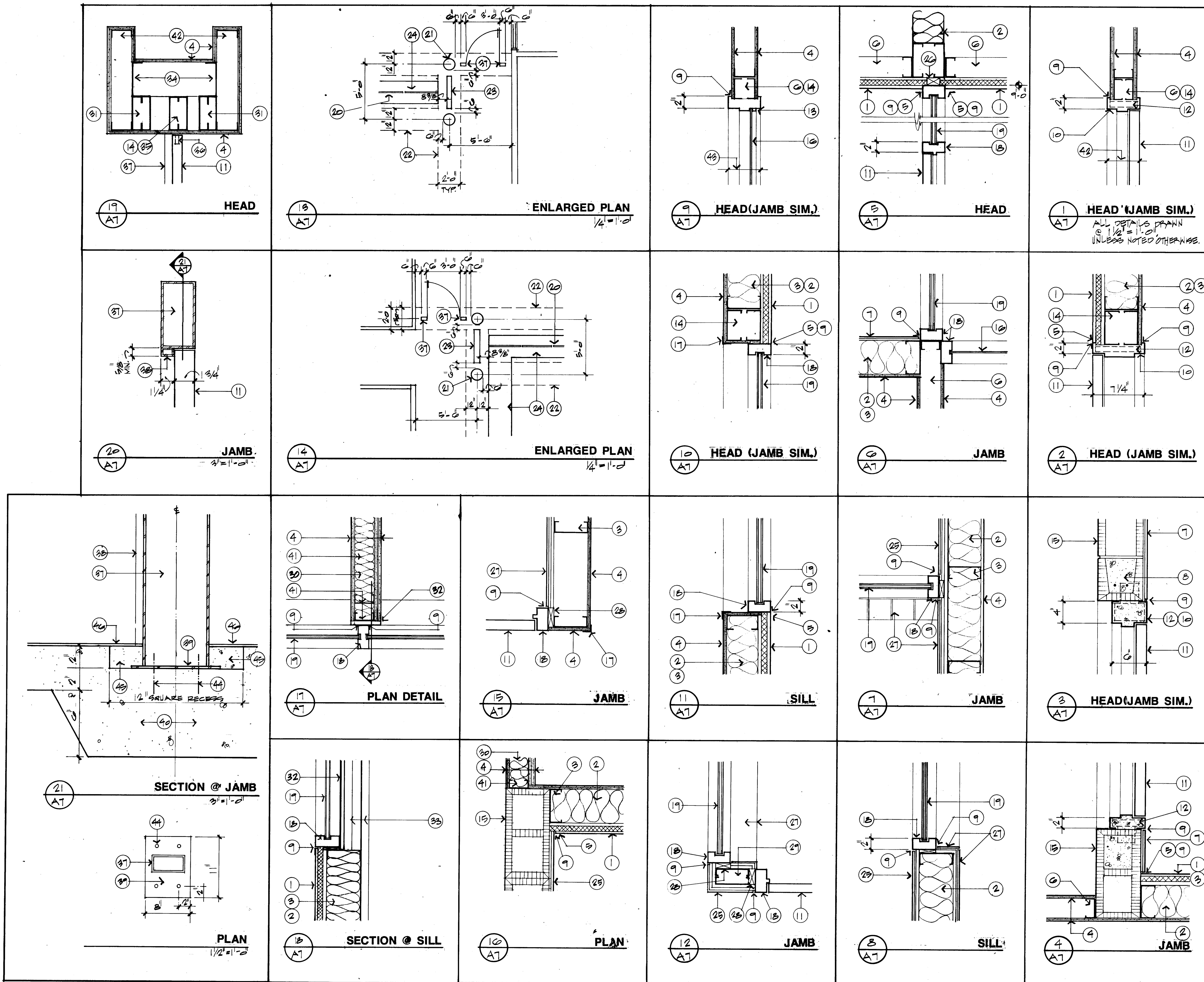
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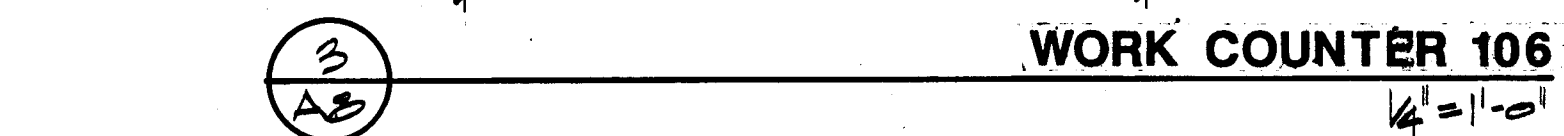
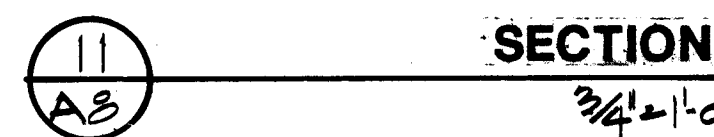
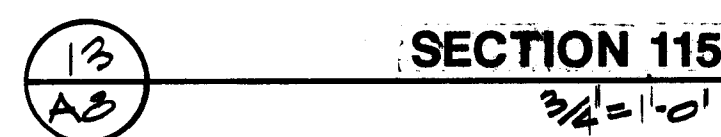
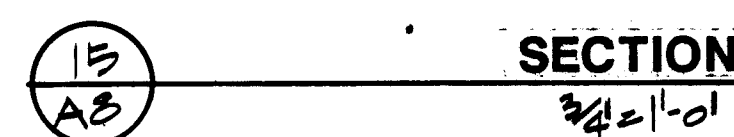
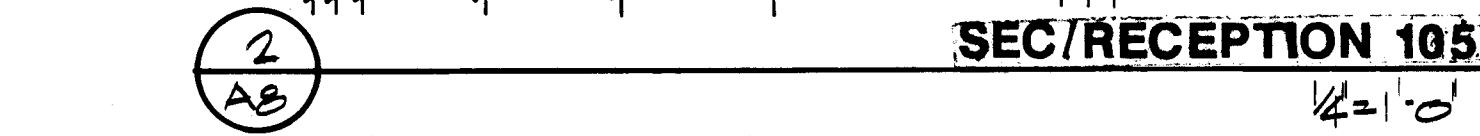
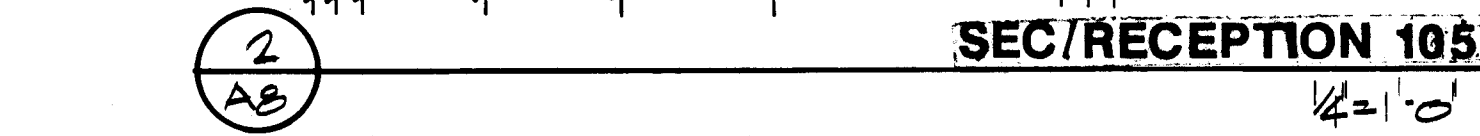
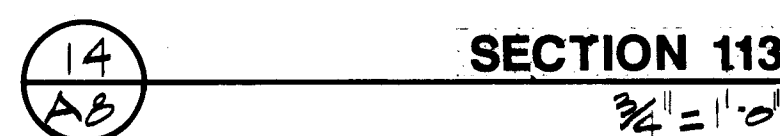
- 301 GOLD AVENUE SW/SUITE 204/ALBUQUERQUE, NM 87102

- NOTES: A7
1. EXTERIOR INSULATION FINISH SYSTEM ON 5/8" EXTERIOR GYPSUM SHEATHING. SEE SPECIFICATIONS.
 2. R-19 BATT INSULATION.
 3. 6" X 18 GA. STEEL STUDS @ 16" O.C.
 4. 5/8" GYPSUM BOARD.
 5. WRAP EDGES AND FINISH PER MANUFACTURER'S RECOMMENDATIONS.
 6. 3-5/8" X 25 GA. METAL STUDS @ 24" O.C.
 7. EXTERIOR CERAMIC TILE THIN SET ON CMU WALL W/ WATERPROOF MEMBRANE. SEE SPECIFICATIONS.
 8. CMU BOND BEAM. SEE STRUCTURAL.
 9. CAULK, 1/4" MIN. (TYP.). COLOR AS SELECTED BY ARCHITECT.
 10. HOLLOW METAL FRAME.
 11. DOOR AS SCHEDULED.
 12. JAMB ANCHOR, MIN. 3 PER JAMB.
 13. HOLLOW METAL WINDOW STOP.
 14. DOUBLE STUD AT HEADER (CONT.).
 15. 8" CMU.
 16. 1/4" CLEAR GLASS. SEE SPECIFICATIONS.
 17. CORNER BEAD (TYP.).
 18. ALUMINUM FRAME.
 19. 1" INSULATING GLASS, TINT. SEE SPECIFICATIONS.
 20. 3/8" TEMPERED GLASS. SEE DETAIL 10/A12.
 21. COLUMN. SEE DETAIL 1/A6.
 22. LINE OF LIGHT SHELF ABOVE.
 23. 6" METAL STUD WALL W/ 5/8" GYPSUM BOARD EACH SIDE.
 24. COUNTER TOP. SEE DETAIL 10/A12.
 25. EXTERIOR CERAMIC TILE SET ON 1/2" GLASS MESH MORTAR UNIT OVER 30# FELT ON 5/8" EXTERIOR GYPSUM SHEATHING.
 26. BLOCKING.
 27. CERAMIC TILE SET ON 1/2" GLASS MESH MORTAR UNIT OVER 5/8" GYPSUM BOARD.
 28. BLOCKING AS NEEDED.
 29. 2 - 6" X 18 GA. STL. STUDS.
 30. 3" SOUND ATTENUATION BLANKETS.
 31. DOUBLE C6 X 16 GA.
 32. 5/8" GYPSUM SHEATHING. TAPE, FLOAT, AND PAINT.
 33. 3-5/8" X 25 GA. METAL STUDS.
 34. 6" X 25 GA. METAL STUDS @ 24" O.C.
 35. CENTER DOUBLE STUD HEADER OVER DOOR TO PROVIDE BACKING FOR CONCEALED DOOR CLOSER.
 36. CONCEALED DOOR CLOSER. SEE SPECIFICATIONS.
 37. 6" X 3" X 3/16" STEEL TUBING, SECURE TO SLAB W/ STEEL PLATE. SEE DETAIL 21/A7.
 38. STL. DOORSTOP WELD TO STL. TUBE. GRIND SMOOTH ALL WELDS TO RECEIVE PAINT.
 39. 8" X 11" X 1/2" PL.
 40. THICKENED SLAB @ TS FRAME. SEE STRUCTURAL.
 41. 2-1/2" X 25 GA. METAL STUDS AT 24" O.C. SEE WALL LEGEND SHT. A1.
 42. 4" X 16 GA. MTL. STUDS AT 16" O.C. W/ 5/8" GYP. BOARD.
 43. FRAME WIDTH VARIES. SEE WALL LEGEND SHEET A1 FOR STUD SIZE.
 44. 4 - 1/2" DIA. X 3-1/2" EXPANSION ANCHORS EMBEDDED IN CONCRETE.
 45. GROUT TO ACCOMMODATE CERAMIC TILE.
 46. CERAMIC TILE.

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
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ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
DOOR AND WINDOW DETAILS ENLARGED PLANS		
		DATE: NOVEMBER, 1988
301 GOLD AVENUE SUITE 204 ALBUQUERQUE, NM 87102		SHEET # A7

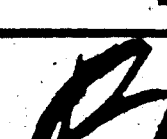


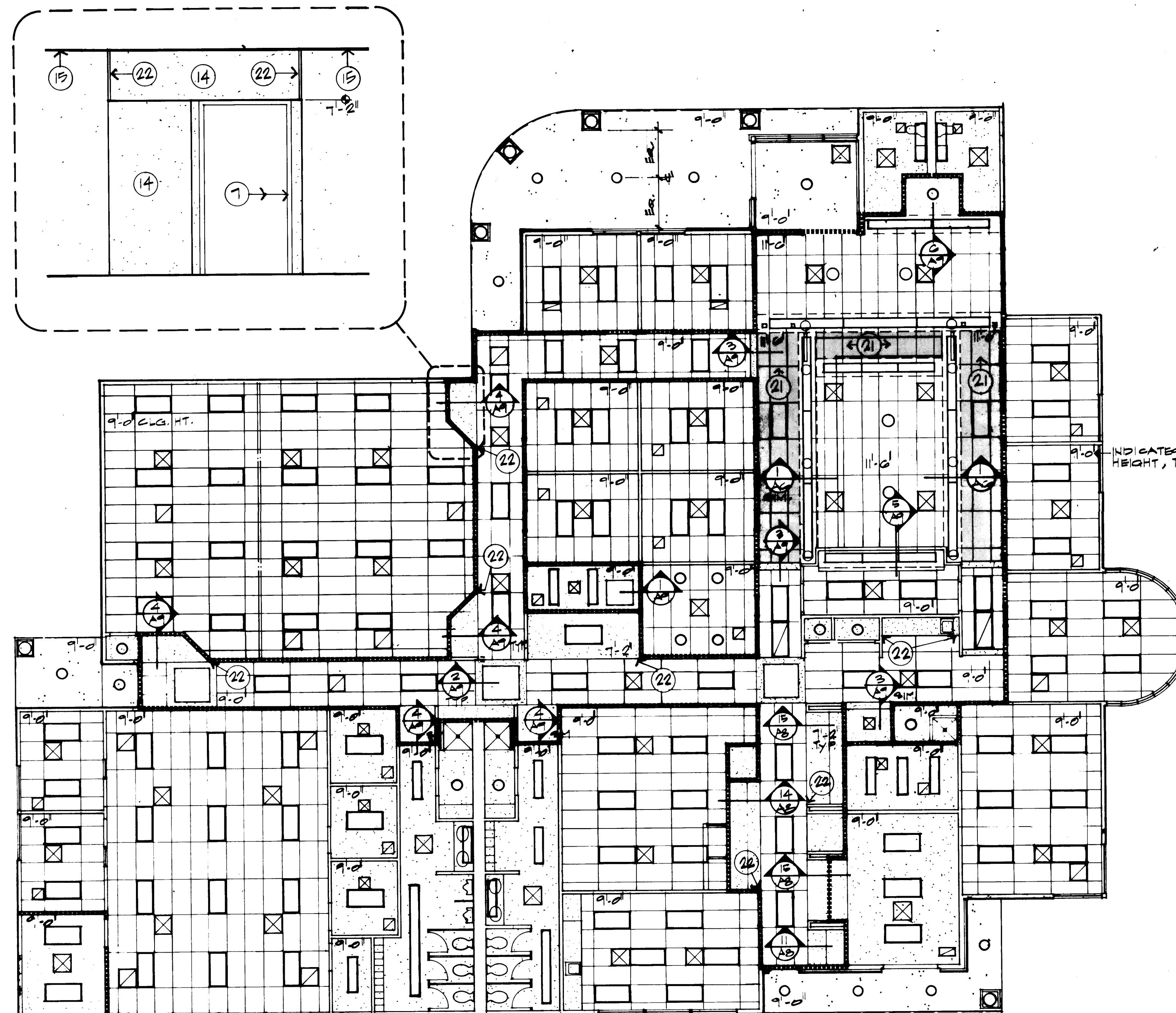
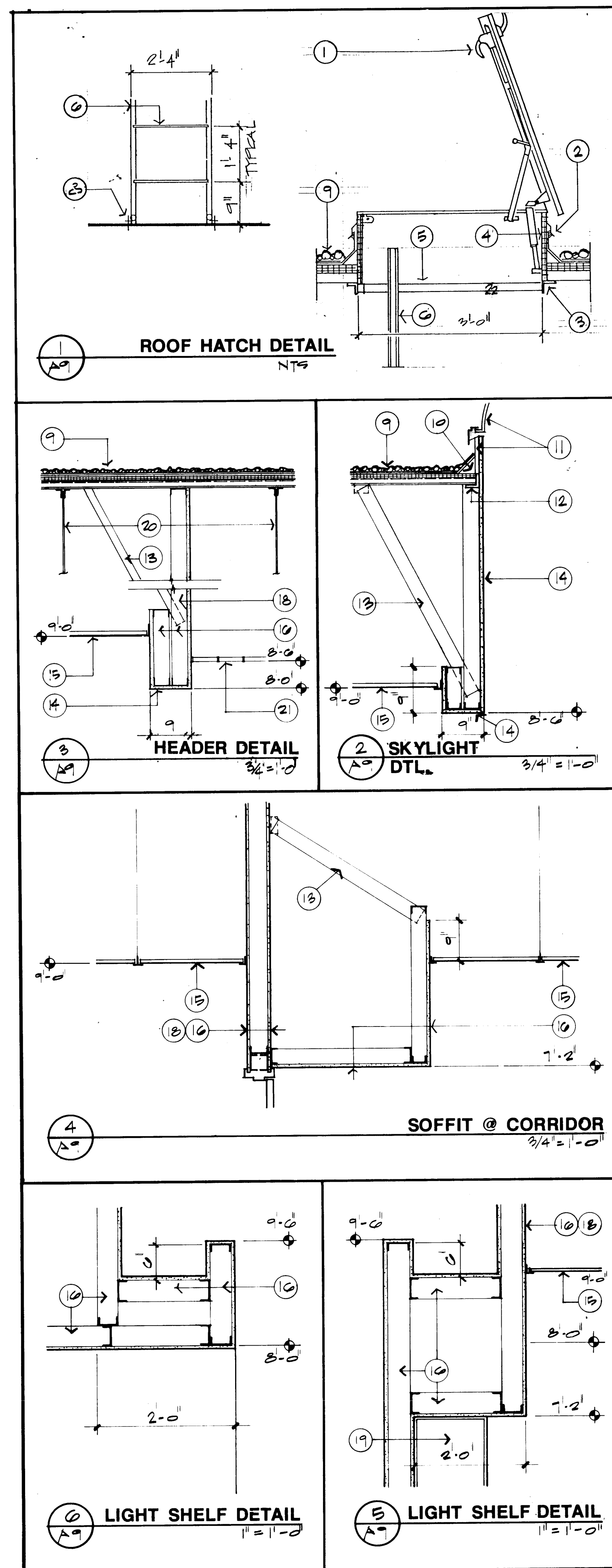


- NOTE: AS
1. 5/8" TYPE "X" GYP. BOARD ON METAL STUDS @ 16" O.C.
2. 24 GA. METAL ENCLOSURE AROUND COILING DOOR, PAINT.
3. COUNTERTOPS. PLASTIC LAMINATE OVER 3/4" PARTICLEBOARD. TO INCLUDE FRONT LIP, BACK AND SIDE SPLASHES, WHERE APPLICABLE.
4. DR. DRS. SIDES, BACK, AND BOTTOMS TO BE 1/2" PARTICLEBOARD W/ PLASTIC LAMINATE EACH SIDE.
5. 2 X 4 CLEAT.
6. BASE UNITS. TO REST ON (2) CONTINUOUS 4" HIGH SUPPORTS W/ VINYL BASE ON ALL EXPOSED FACES AT KICK SPACES. EXCEPT WHERE OTHERWISE NOTED.
7. ACOUSTICAL CEILING, SEE ROOM FINISH SCHEDULE.
8. FRONT PANELS (DOOR, DRAWERS, AND FIXED PANELS): 3/4" PARTICLEBOARD W/ PLASTIC LAMINATE VENEER BOTH SIDES AND ALL EXPOSED EDGES.
9. 6" X 6" PAINTED CEILING GRID. SEE SPECIFICATIONS.
10. EXPOSED CABINET BACKS. 1/2" PARTICLEBOARD W/ PLASTIC LAMINATE VENEER.
11. ADJUSTABLE SHELVES. 3/4" PARTICLEBOARD W/ PLASTIC LAMINATE VENEER BOTH SIDES AND EDGES.
12. DUPLEX OUTLET 54" A.F.F. AND 12" FROM REAR WALL. ONE EACH SIDE.
13. DEPTH OF MAILBOXES TO BE 16" CLEAR.
14. 3/4" PLYWOOD DIVIDER W/ 1/2" FABRIC COVERED ACOUSTICAL BOARD EACH SIDE W/ 1 X BIRCH TRIM TYPICAL.
15. GLAZING. 3/8" TEMPERED PLATE. GRIND EDGES SMOOTH.
16. 4" DIAMETER HOLE, TYPICAL.
17. VINYL BASE.
18. 4" BACK SPLASH.
19. PROVIDE KEY LOCK ON RIGHT PANEL DOOR EACH SIDE. SEE SPECIFICATIONS.
20. PROVIDE INTERIOR LOCK (SAME AS EVIDENCE STORAGE) ON EACH LEFT SIDE PANEL. SEE SPECIFICATIONS.
21. 6" WIDE X 3" HIGH OPENING IN FIXED PANEL.
22. KNEE SPACE.
23. OPEN STORAGE.
24. 3/4" FRAMING MEMBER W/ PLASTIC LAMINATE ON EXPOSED SURFACES.
25. FILE HOLDERS, FOUR (4) TOTAL, AS SHOWN. SEE SECTION INDICATED).
26. FILE HOLDER. 1/2" PARTICLEBOARD W/ PLASTIC LAMINATE BOTH SIDES AND EDGES 10" WIDE X 12" HIGH.
27. 8" X 8" CERAMIC TILE. MASTIC TO SURFACE OF LIGHT SHELF. LOCATE AS SHOWN. PAINT EDGES OF TILE.
28. DOOR FRAME BEYOND SHOWN DOTTED.
29. FIXED PANEL.
30. ADDED SUPPORT AS REQUIRED @ OVERHEAD DOOR JAMB.
31. STEEL ANGLE JAMB PER MANUFACTURER'S RECOMMENDATIONS.
32. 1" W X 1/2" D REVEAL. SEE DETAIL 2/A4.
33. 1/2" X 2" ALUMINUM FRAME, SECURELY ATTACH TO CEILING.
34. 1/2" W X 1/2" D GLAZING NOTCH.
35. 3" X 6" X 1/4" STEEL TUBE FRAME. ANCHOR TO FLOOR SLAB W/ 1/2" X 3-1/2" X 1/2" PLATE W/ (4) 1/2" DIA. X 3-1/2" EMBEDDED EXPANSION ANCHOR BOLTS. SEE DETAIL 21/A7.
36. 6" X 12" CUT OUT WHERE SHOWN.
37. 4" STRAIGHT VINYL BASE TYPICAL AT ALL INTERIOR COLUMNS.
38. KEYED LOCK. SEE SPECIFICATIONS.
39. FIXED PANEL.
40. DOOR FRAME BEYOND SHOWN DOTTED.
41. 1/2" METAL CONTROL JOINT TYPICAL WHERE SOFFIT ABUTS ADJOINING WALL.
42. IF ALTERNATE NO. 5 IS ACCEPTED, THIS CEILING AREA WOULD BE A GYP. BOARD SOFFIT. THE ALUMINUM FRAME FOR THE GLASS (NOTE 33) WOULD THEN BE SECURED TO THE GYP. BOARD SOFFIT AS REQUIRED. SEE 9/C2.

C of A PWD Maps & Records

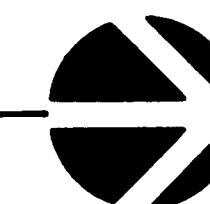
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ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION	
INTERIOR ELEVATIONS/ DETAILS	DATE: NOVEMBER 1988
 THE BOEHNING PARTNERSHIP ARCHITECTS & PLANNERS	SHEET # A8
361 GOLD AVENUE SW/SUITE 204/ALBUQUERQUE, NM 87102	



REFLECTED CEILING PLAN

SCALE 1/8" = 1'-0"



- NOTES: A9
1. PRE-MANUFACTURED ROOF HATCH W/ INTEGRAL CURB. SEE SPECIFICATIONS.
 2. 26 GA. G.I. FLASHING AND COUNTERFLASHING.
 3. 3" X 3" X 1/4" ANGLE.
 4. 1" RIGID INSULATION ALL AROUND INSIDE OF CURB.
 5. STEEL ANGLE TAB 3" WIDE WELDED TO FRAME AND BOLT TO LADDER W/ 1-1/2" DIAMETER BOLTS.
 6. LADDER SUPPORTS SHALL BE VERTICAL STEEL CHANNELS 3" X 3" X 1/4" X REQUIRED LENGTH DRILLED TO RECEIVE STANDARD WEIGHT STEEL PIPE RUNG 3/4" DIAMETER. WELD ON OUTSIDE AND GRIND SMOOTH.
 7. DOOR AND FRAME AS SCHEDULED.
 8. 2" X 2" CLIP ANGLES BOLTED TO FLOOR AND WELDED TO LADDER.
 9. BUILT UP ROOF ON 1" RIGID INSULATION OVER METAL DECK.
 10. CANT STRIP.
 11. SKYLIGHT W/ INSULATED CURB. SEE SPECIFICATIONS.
 12. ANGLES. SEE STRUCTURAL.
 13. 3-5/8" STEEL STUD BRACE, ATTACH TO UNDERSIDE OF METAL DECK.
 14. 5/8" TYPE "X" GYPSUM BOARD.
 15. LAY-IN ACOUSTICAL CEILING. SEE SPECIFICATIONS.
 16. 3-5/8" X 25 GA. METAL STUDS @ 24" O.C. W/ 5/8" GYPSUM BOARD.
 17. LIGHT FIXTURE. SEE ELECTRICAL.
 18. CARRY STUDS AND GYPSUM BOARD TO UNDERSIDE OF DECK.
 19. OVERHEAD CABINET. SEE PLAN.
 20. STRUCTURAL STEEL JOISTS. SEE STRUCTURAL.
 21. 6" X 6" LAY-IN GRID CEILING AT 8'-6" HEIGHT. SHOWN SHADED ON REFLECTED CEILING PLAN.
 22. 1/2" METAL CONTROL JOINTS TYPICAL @ ALL SOFFITS WHERE SOFFIT ABUTS ADJOINING WALL. SEE ELEVATION THIS SHEET.

LEGEND:

- GYPSUM BOARD CEILING
- ACOUSTICAL LAY-IN CEILING
- STUCCO SOFFIT
- SKYLIGHT, SEE DETAIL 2/A9
- LIGHT FIXTURE, SEE ELECTRICAL
- SUPPLY AIR DIFFUSER, SEE MECHANICAL
- RETURN AIR DIFFUSER, SEE MECHANICAL
- 1 HR. WALL CONSTRUCTION TO EXTEND TO UNDERSIDE OF METAL ROOF DECK

C of A PWD Maps & Records
26 13542211941

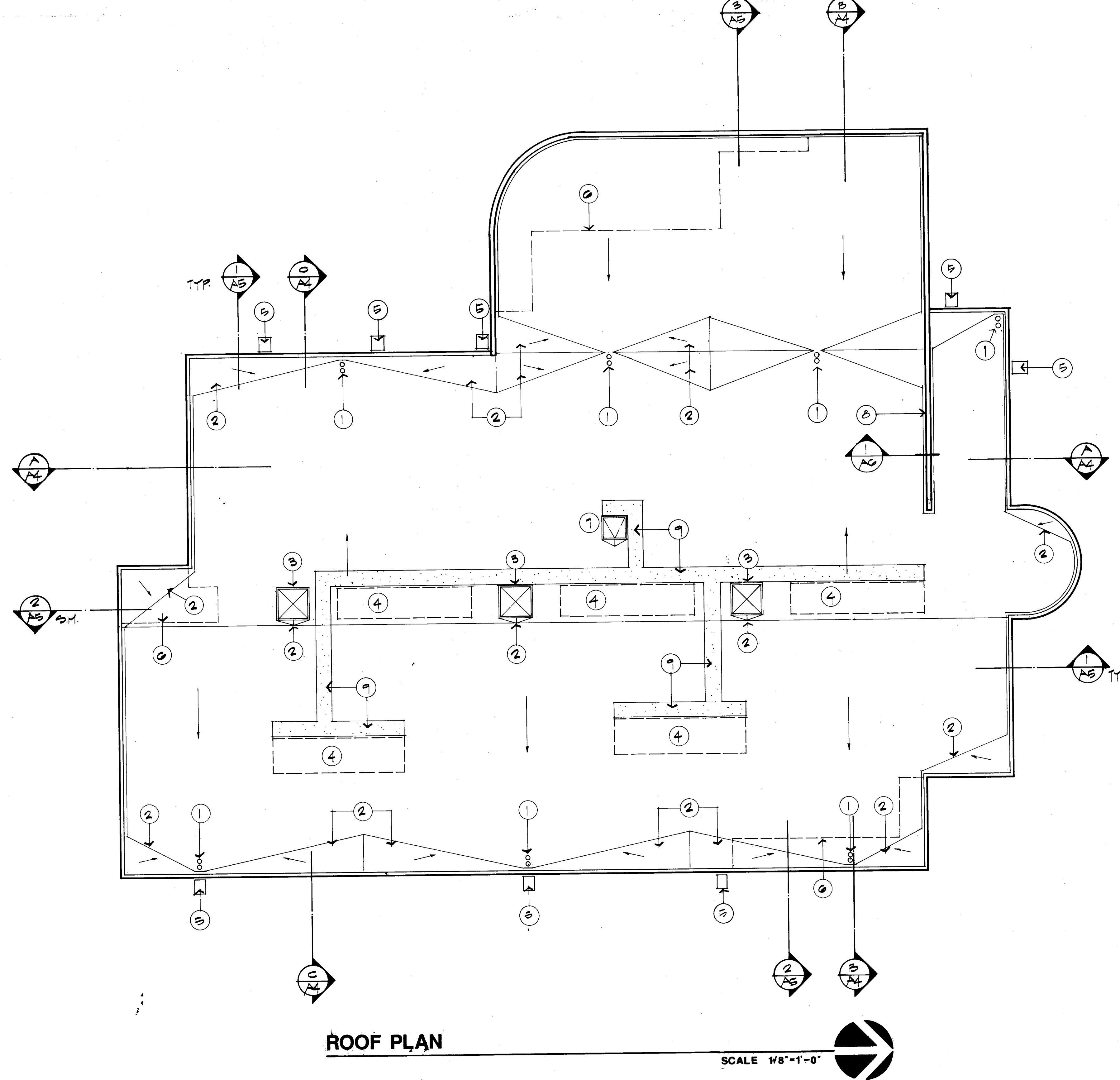
**ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION**

**REFLECTED CEILING
PLAN/DETAILS**

**THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS**



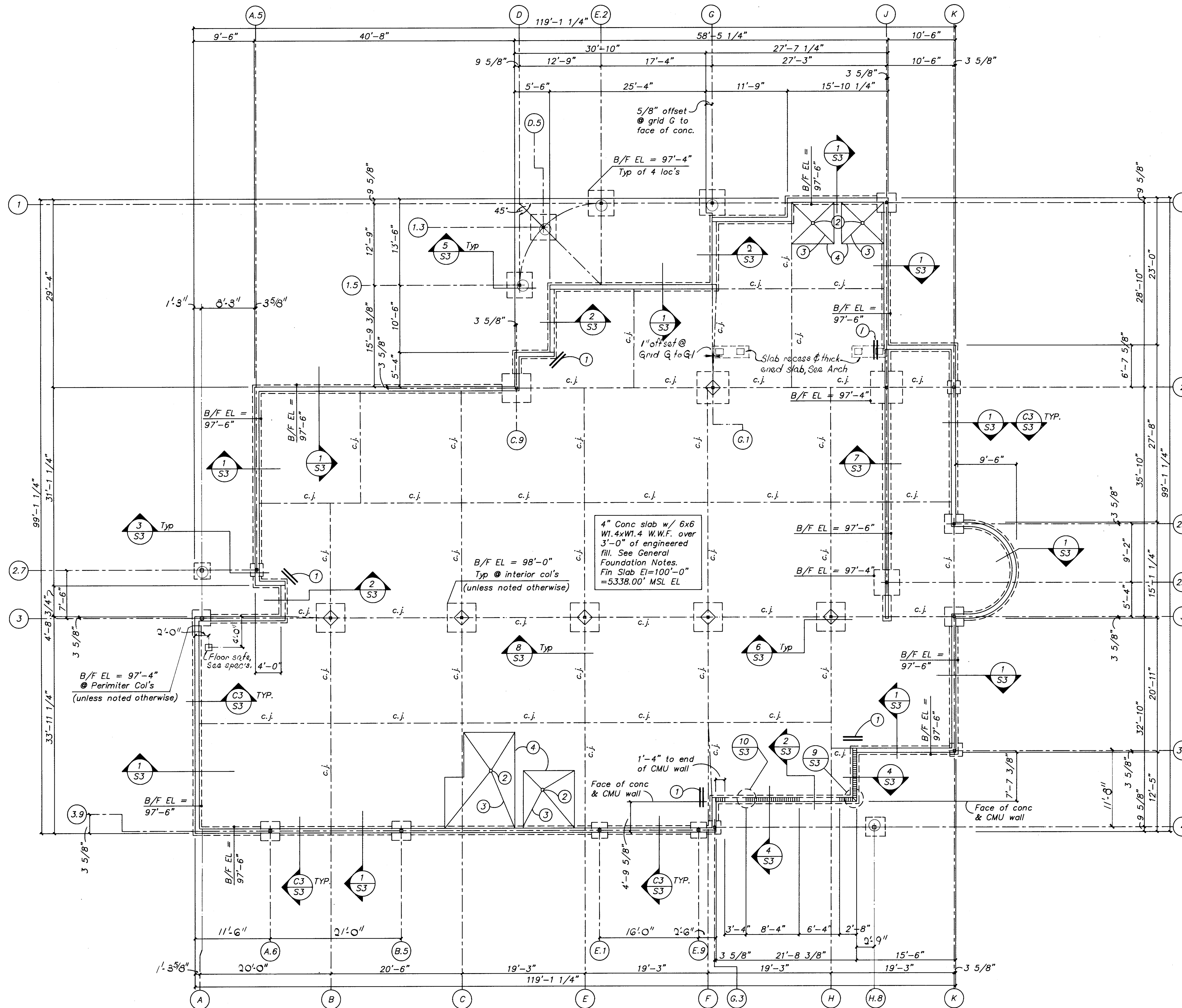
DATE:
NOVEMBER 1998
SHEET #



- NOTE: A10
1. ROOF DRAIN W/ OVERFLOW DRAIN. SEE MECHANICAL DRAWINGS. SEE ELEVATIONS SHEET A2 FOR LOCATION - AVOID AESTHETIC JOINTS AS SHOWN.
 2. BUILT-UP CRICKET, SLOPE 1/4"/FT. MIN.
 3. SKYLIGHT. SEE DETAIL, SHEET A9.
 4. MECHANICAL UNITS. SEE MECHANICAL DRAWINGS.
 5. PRE-CAST CONCRETE SPLASHBLOCK, 2'-2"W X 2'-2"L. TYPICAL @ ROOF DRAIN LEADERS. SEE DETAIL 7/C2.
 6. LINE OF WALL BELOW, SHOWN DASHED.
 7. ROOF HATCH. SEE DETAIL, SHEET A9.
 8. PARAPET HIGH WALL.
 9. ROOF TOP WALK PATH, SEE SPECIFICATIONS. NOTE: GENERAL CONTRACTOR TO COORDINATE W/ MECHANICAL CONTRACTOR FOR LOCATION OF SERVICE SIDE TO UNITS AND PROVIDE WALK PATH TO THAT SIDE.

C of A PWD Maps & Records
 1 2 3 4 5 6 7 8 9 10 11 12
 26 35422294

ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
ROOF PLAN AND DETAILS		
		DATE: NOVEMBER 1988
301 GOLD AVENUE SW SUITE 204 ALBUQUERQUE, NM 87102		SHEET # A10



MARK	SIZE	REINF. e.w.
A/2.7	2'-6"sq x 1'-0" dp	3-#4
A/3	2'-6"sq x 1'-0" dp	3-#4
A.5/2.7	2'-0"sq x 1'-0" dp	3-#4
A.6/3.9	3'-0"sq x 1'-0" dp	4-#4
B/3	4'-6"sq x 1'-0" dp	7-#4
B.5/3.9	3'-0"sq x 1'-0" dp	4-#4
C/3	4'-6"sq x 1'-0" dp	7-#4
C.9/2	3'-6"sq x 1'-0" dp	5-#4
D/1.5	2'-6"sq x 1'-0" dp	3-#4
D.5/1.3	2'-6"sq x 1'-0" dp	3-#4
E.1/3.9	2'-6"sq x 1'-0" dp	3-#4
E/3	4'-3"sq. x 1'-0"dp.	6-#4
E.2/1	3'-0"sq. x 1'-0"dp.	4-#4
E.9/3.9	2'-6"sq x 1'-0" dp	3-#4
F/3	4'-3"sq. x 1'-0"dp.	6-#4
G/1	3'-6"sq. x 1'-0"dp.	5-#4
G.1/2	5'-6"sq x 1'-0" dp	7-#5
G.3/4	2'-6"sq x 1'-0" dp	3-#4
H/3	3'-9"sq x 1'-0" dp	5-#4
H.8/4	3'-0"sq. x 1'-0"dp.	4-#4
J/1	3'-0"sq. x 1'-0"dp.	4-#4
J/2	3'-9"sq. x 1'-0"dp.	5-#4
J/2.8	2'-0"sq x 1'-0" dp	3-#4
K/2	2'-6"sq x 1'-0" dp	3-#4
K/2.6	2'-6"sq x 1'-0" dp	3-#4
K/3	3'-0"sq. x 1'-0"dp.	4-#4
K/3.6	2'-6"sq x 1'-0" dp	3-#4

MARK	SIZE	TYPE
A/2.7	18"Ø	D
A/3	8" x 16"	A
A.5/2.7	8" x 16"	A
A.6/3.9	8" x 16"	A
B.5/3.9	8" x 16"	A
C.9/2	8" x 8" x 8"	B
D/1.5	18"Ø	D
D.5/1.3	18"Ø	D
E.1/3.9	8" x 16"	A
E.2/1	18"Ø	D
E.9/3.9	8" x 16"	A
G/1	18"Ø	D
G.3/4	8" x 16"	A
H.8/4	18"Ø	D
J/1	8" x 16"	A
J/2	8" x 16"	A
J/2.8	8" x 16"	A
K/2	8" x 16"	A
K/2.6	8" x 8" x 8"	B
K/3	8" x 8" x 8"	B
K/3.6	8" x 8" x 8"	B

- KEYED NOTES
- 2'-0" x 3'-0" in Slab.
 - Floor drain, see Arch & Plumbing dw'gs for location.
 - Slab warp line.
 - Outline of sloped slab.

C of A PWD Maps & Records
26 3542 2394

ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

FOUNDATION PLAN

THE BOEHRING
PARTNERSHIP
ARCHITECTS & PLANNERS

DATE:
NOVEMBER 1994

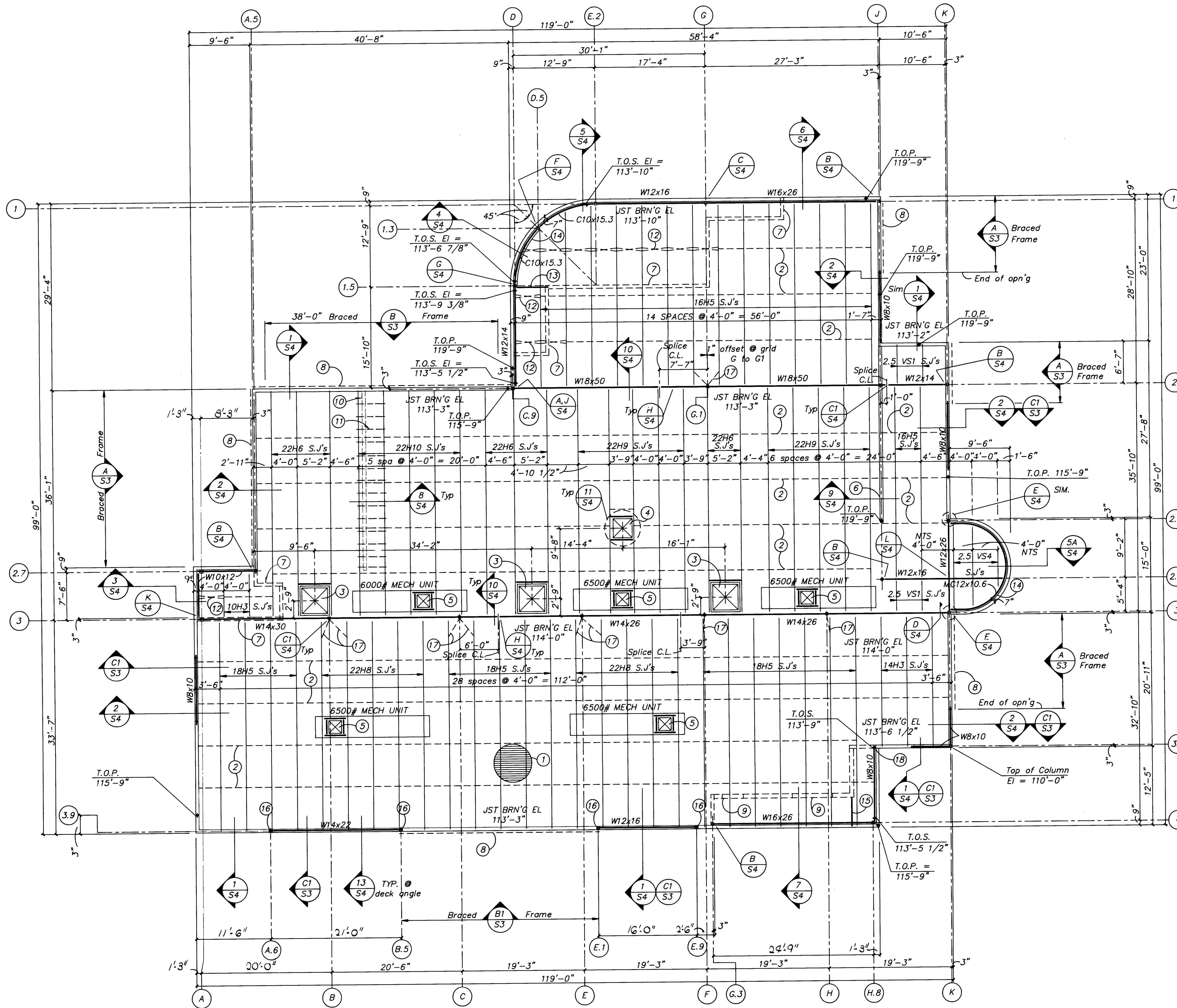
SHEET #
S1



FOUNDATION PLAN

1/8" = 1'-0"





- KEYED NOTES
- 1 1/2" Type B 22 ga nestable metal deck w/ painted finish. Connect to supports parallel to ribs w/ 6 - 5/8" puddle welds per 36" wide sheet & w/ 5/8" puddle welds @ 6" o.c. @ other supports
 - Horizontal Bridging, L 1 1/4 x 1/8, locate as shown on plan.
 - Skylight opening, see det 11/S4.
 - Roof Hatch Opening, See detail 11/S4
 - Mechanical Opening, See detail 11/S4
 - Full height interior metal stud wall, see sect 9/S4
 - Metal stud wall below.
 - Line of Braced Frame, see Elev Views Sht S3
 - CMU Lintel, see det Sht S3
 - Moveable partition below, see Arch.
 - Moveable partition support frame, see detail 8/S4
 - Cross Bridging, L 1 1/4 x 1 1/4 x 1/8, locate as shown on plan.
 - Header Joist: 2 - Cont J6x16 ga unpunched jsts. Bearing on 2 - C6x18 ga studs at wall, weld to cont track & dbl stud at fascia. Bott of header El = soffit jst brng El - see Arch.
 - Cont rolled TS 2 1/2 x 2 1/2 x 1/4 atop rolled channel, see sect. 4/S4.
 - Header Joist: 2 - Cont J6x16 ga unpunched jsts. Weld to cont track & dbl stud at fascia & bear on clip L 4x4x3/8x0'-6" w/2 - 1/2" x 4" embed exp anch's at CMU wall. Bott of header El = soffit jst brng El - see Arch.
 - TS Column, see schedule, at each end of opening as shown.
 - Diagonal L 3 x 3 x 1/4 Weld to top chord of st. jst. and to bott. flange of st. beam
 - Provide 2 - C6x18 ga studs w/ TD 6x16 ga track @ C.L. of beam bearing.

COLUMN SCHEDULE		
MARK	SIZE	B.PL TYPE
A/2.7	TS 3x3x1/4	A
A/3	TS 4x4x3/16	A
A.5/2.7	TS 4x4x3/16	A
A.6/3.9	TS 4x4x3/16	A
B/3	TS 4x4x5/16	C
B.5/3.9	TS 4x4x3/16	A
C/3	TS 4x4x5/16	C
C.9/2	TS 4x4x3/16	B
D/1.5	TS 3x3x1/4	C
D.5/1.3	TS 3x3x1/4	C
E/3	TS 4x4x5/16	C
E.1/3.9	TS 4x4x3/16	A
E.2/1	TS 3x3x1/4	C
E.9/3.9	TS 4x4x3/16	A
F/3	TS 4x4x5/16	C
G/1	TS 3x3x5/16	C
G.1/2	TS 4x4x5/16	C
G.3/4	TS 4x4x3/16	A
H/3	TS 4x4x5/16	C
H.8/4	TS 3x3x1/4	C
J/1	TS 4x4x3/16	A
J/2	TS 4x4x3/16	A
J/2.8	TS 4x4x3/16	A
K/2	TS 4x4x3/16	A
K/2.6	TS 4x4x3/16	B
K/3	TS 4x4x3/16	B
K/3.6	TS 4x4x3/16	B

ROOF FRAMING PLAN

1/8" = 1'-0"

C of A PWD Maps & Records
1 2 3 4 5 6 7 8 9 10 11 12
26 35 42 44 44

ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

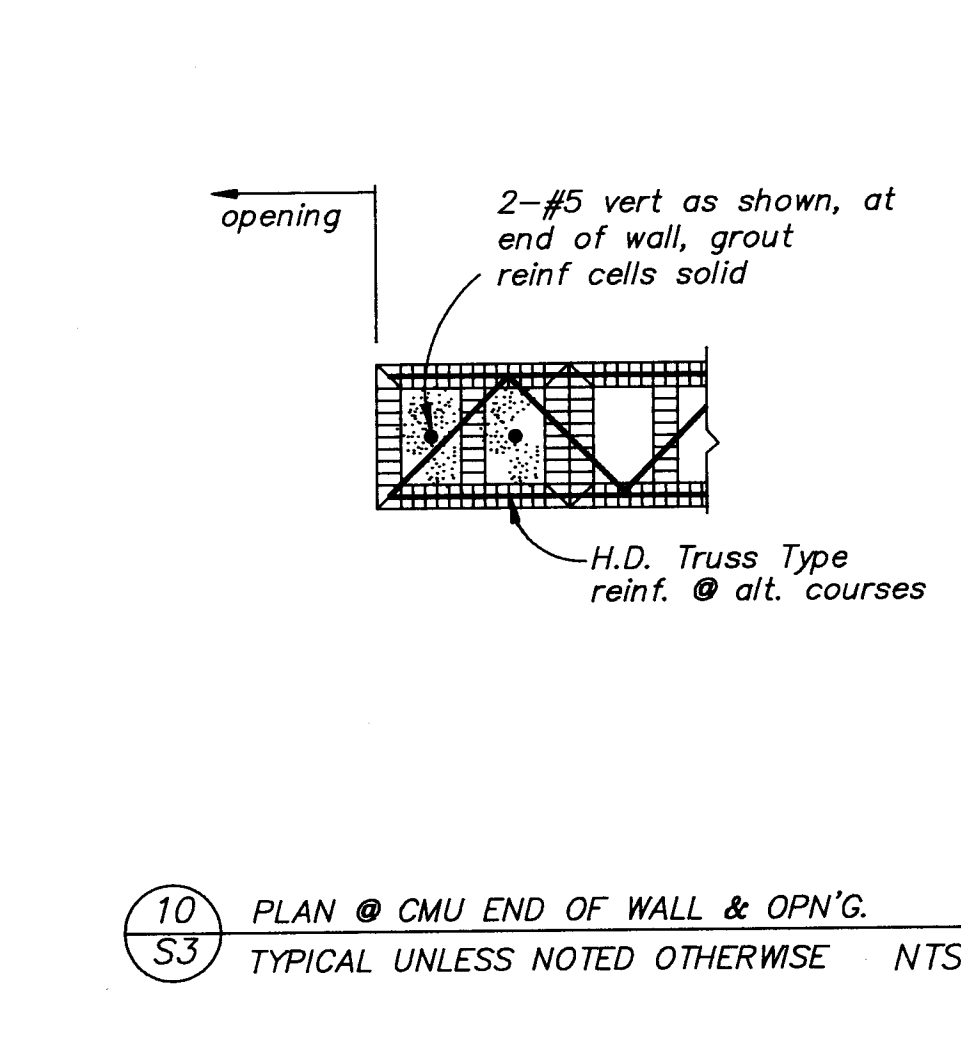
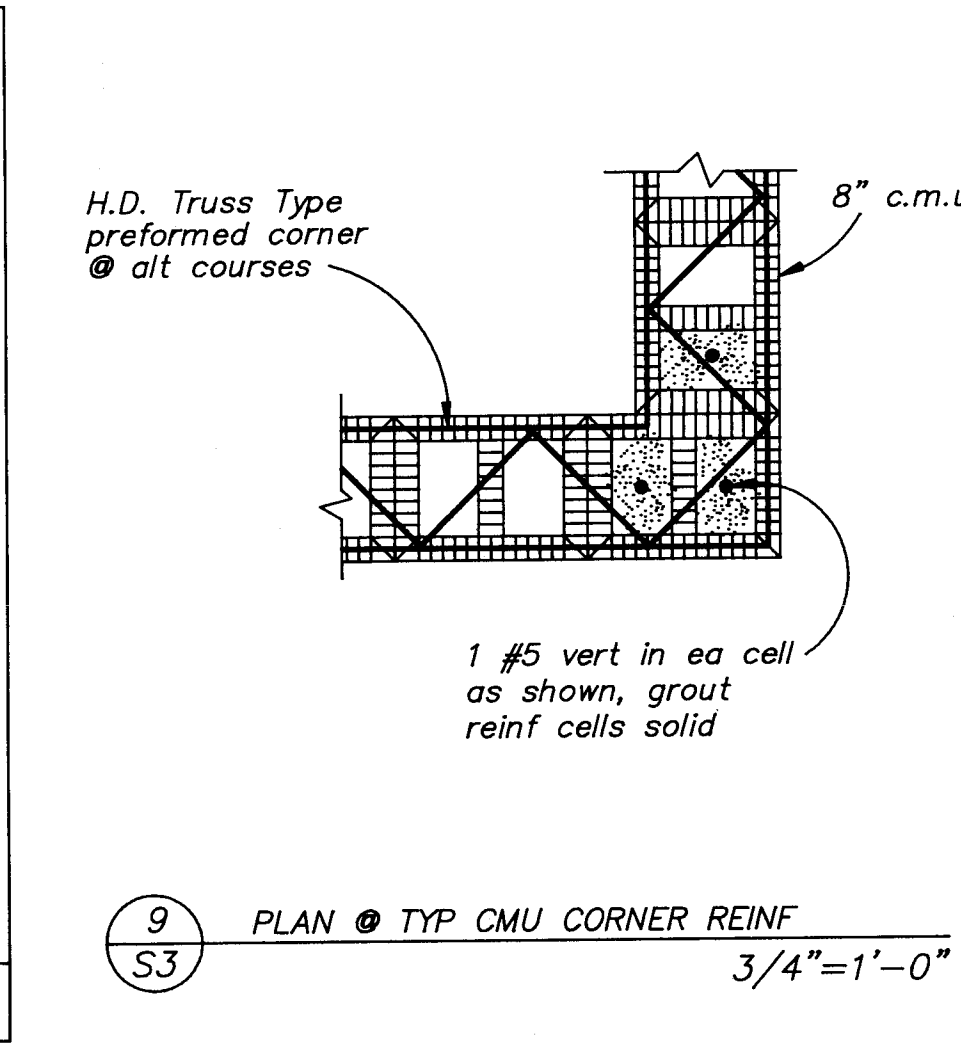
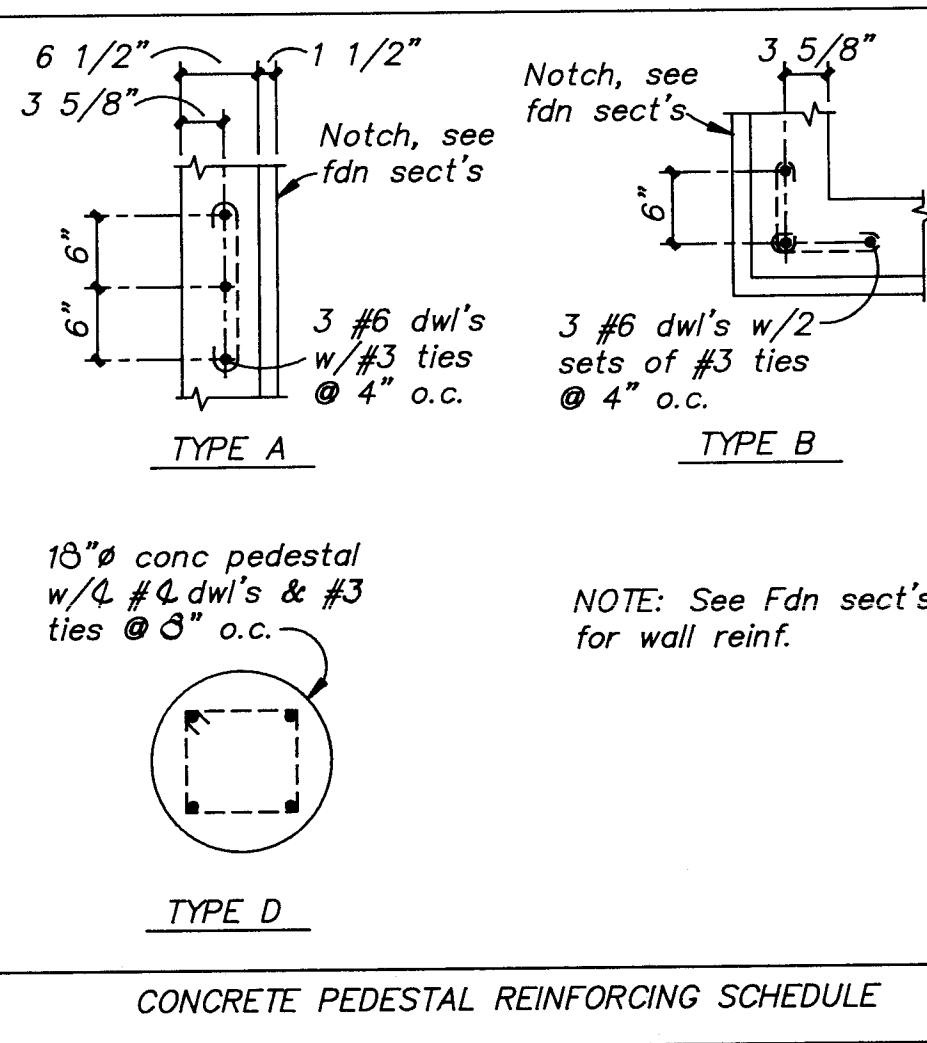
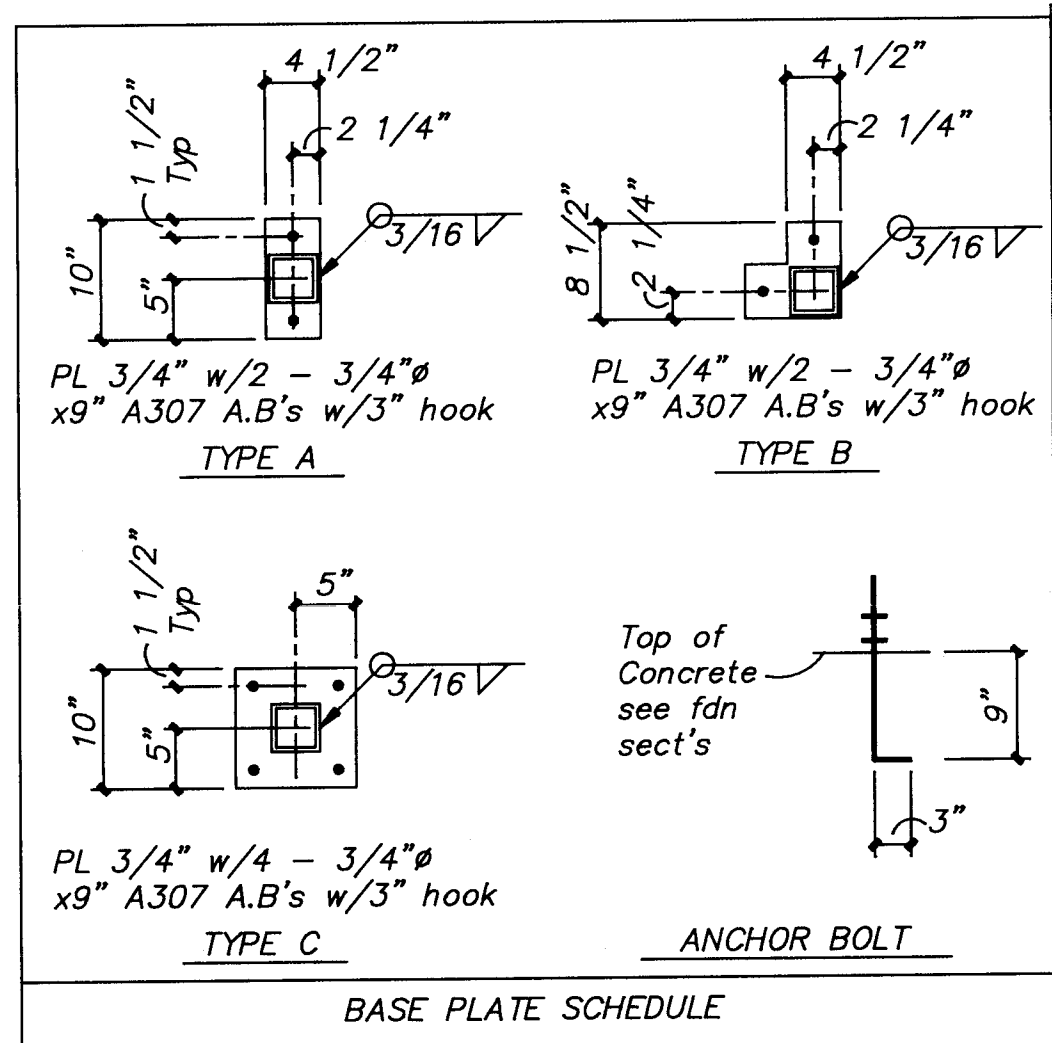
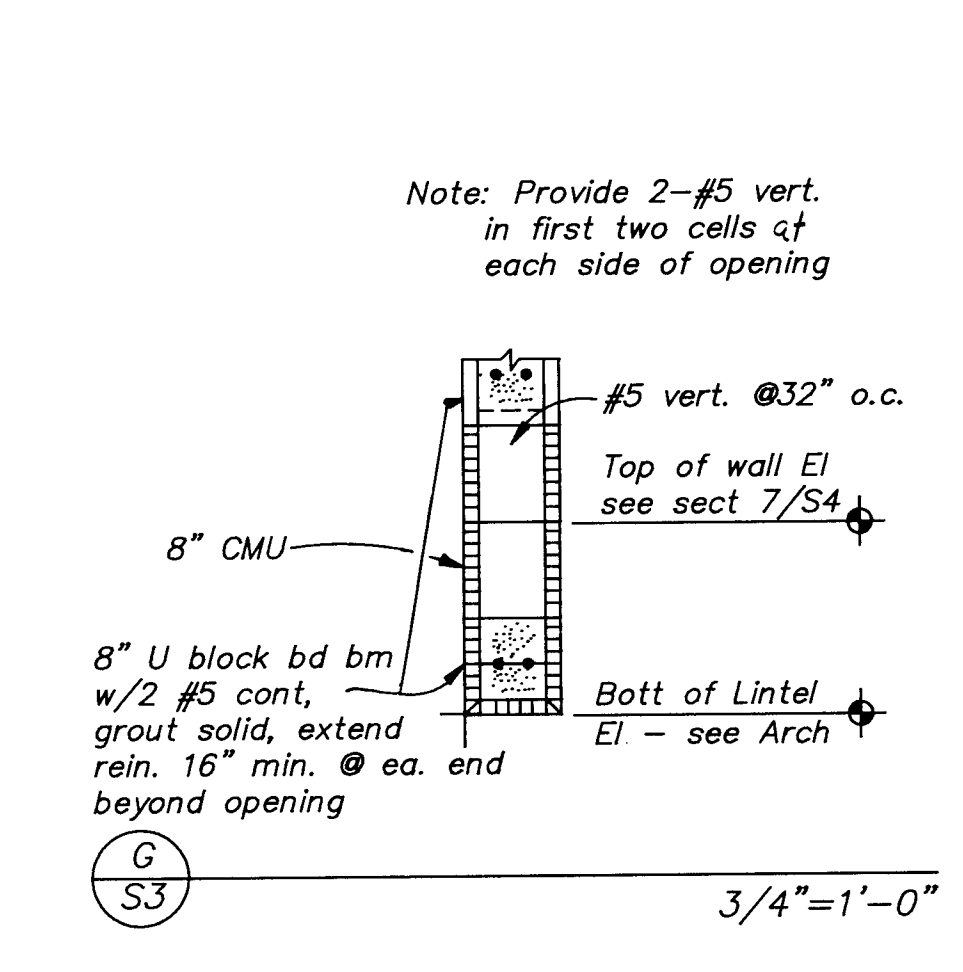
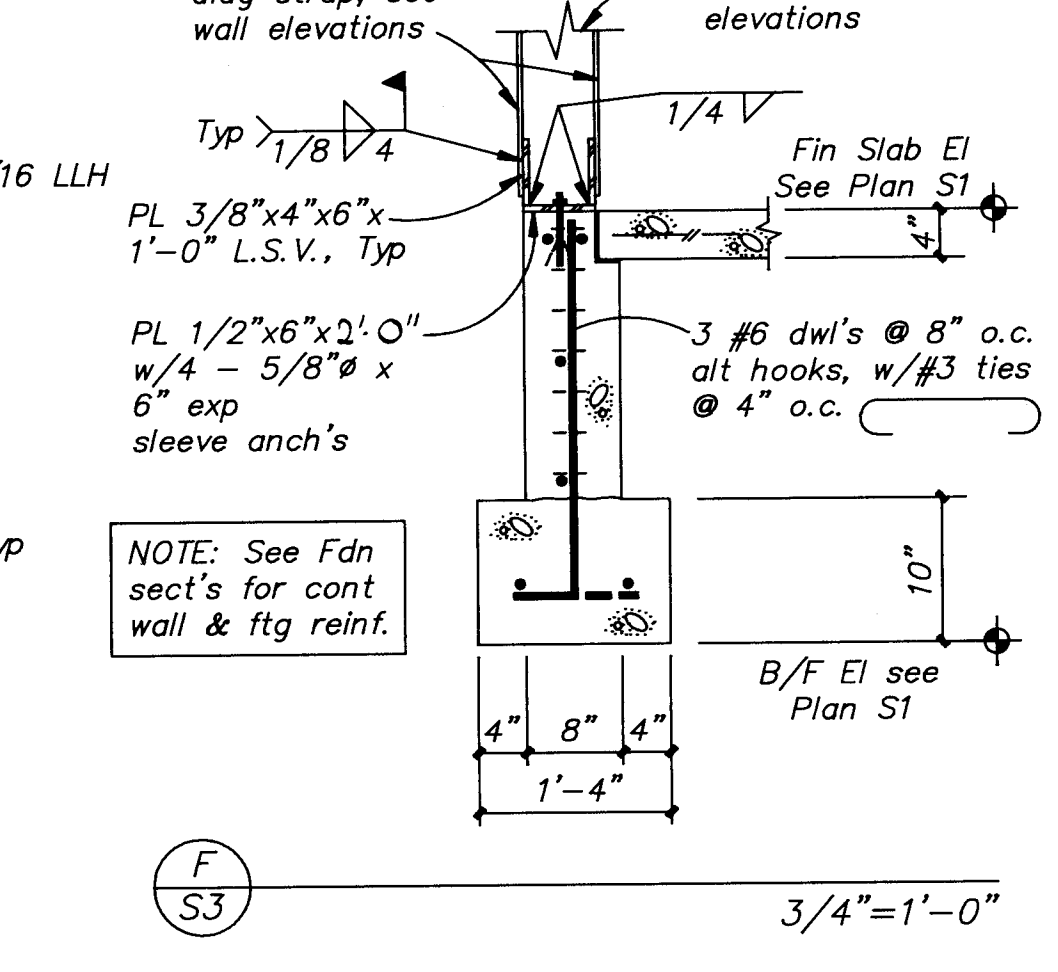
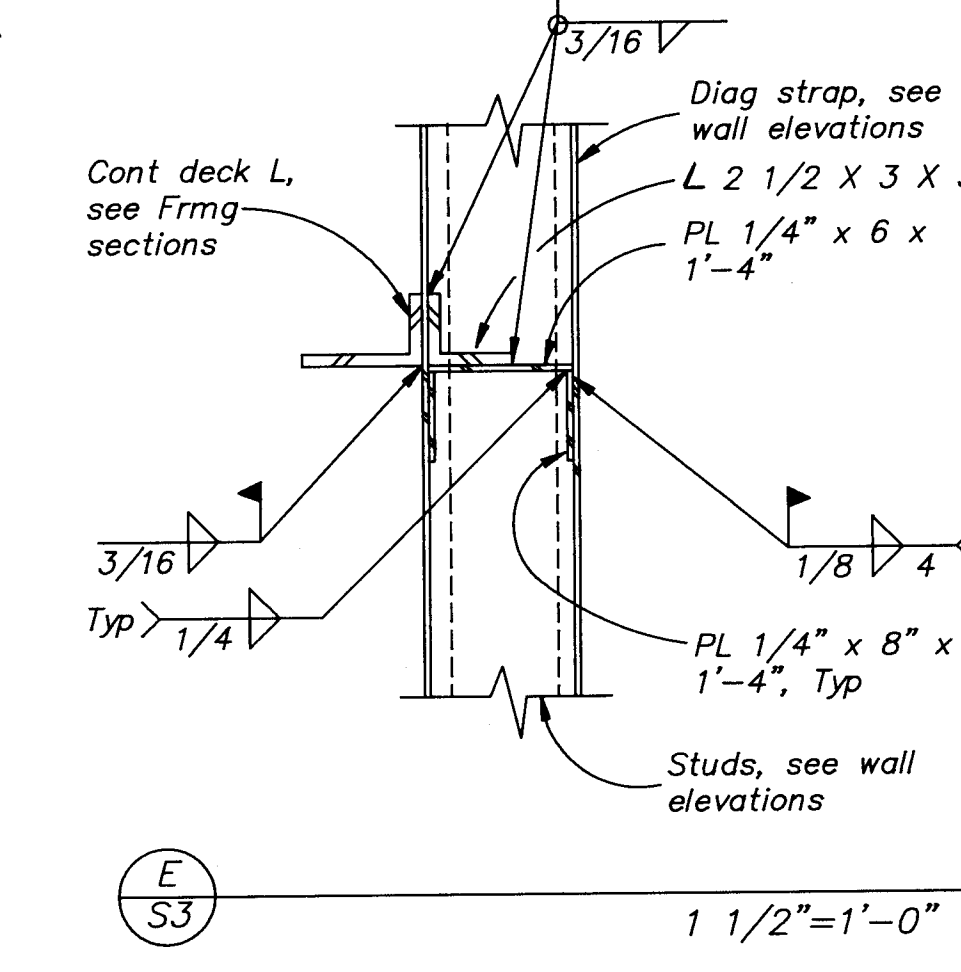
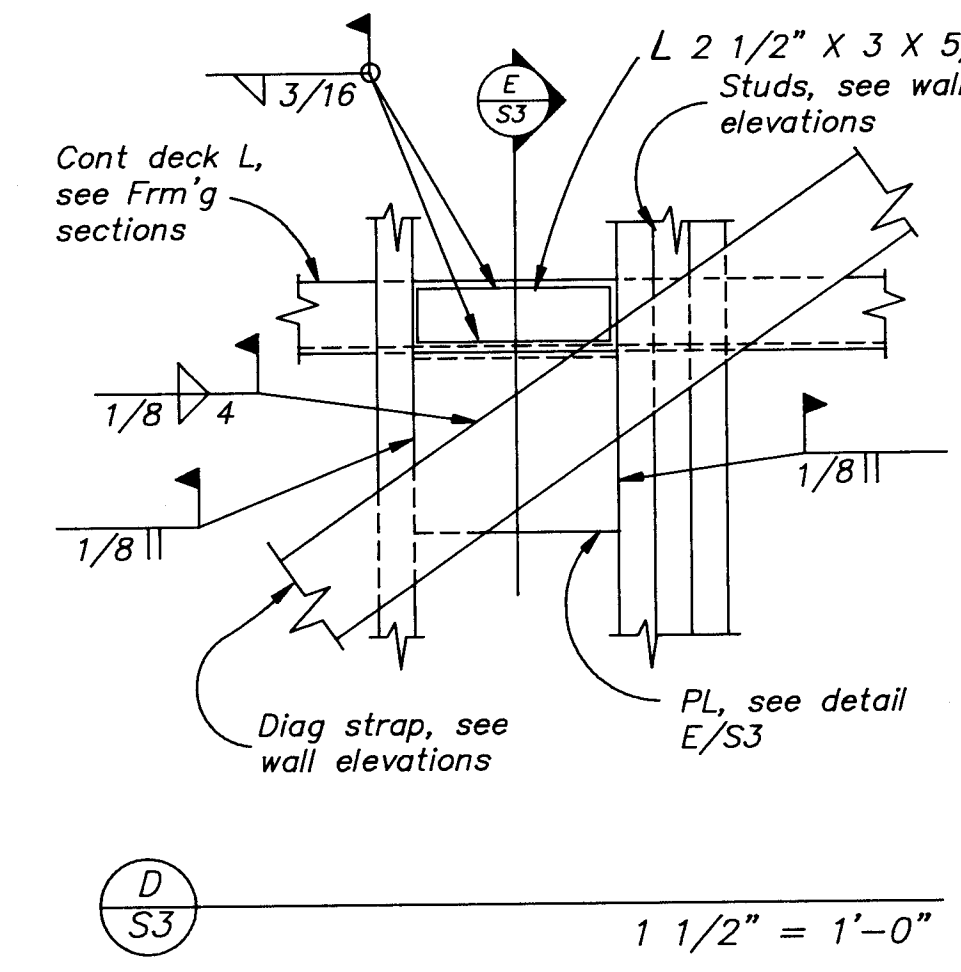
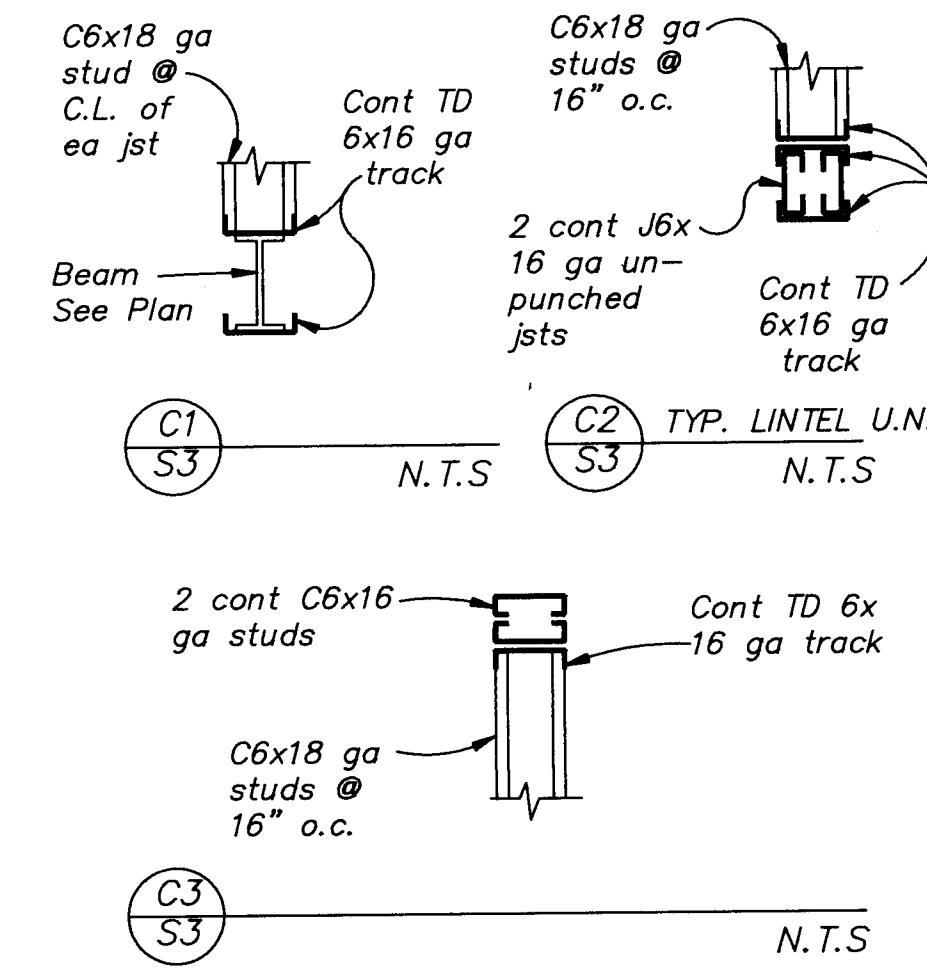
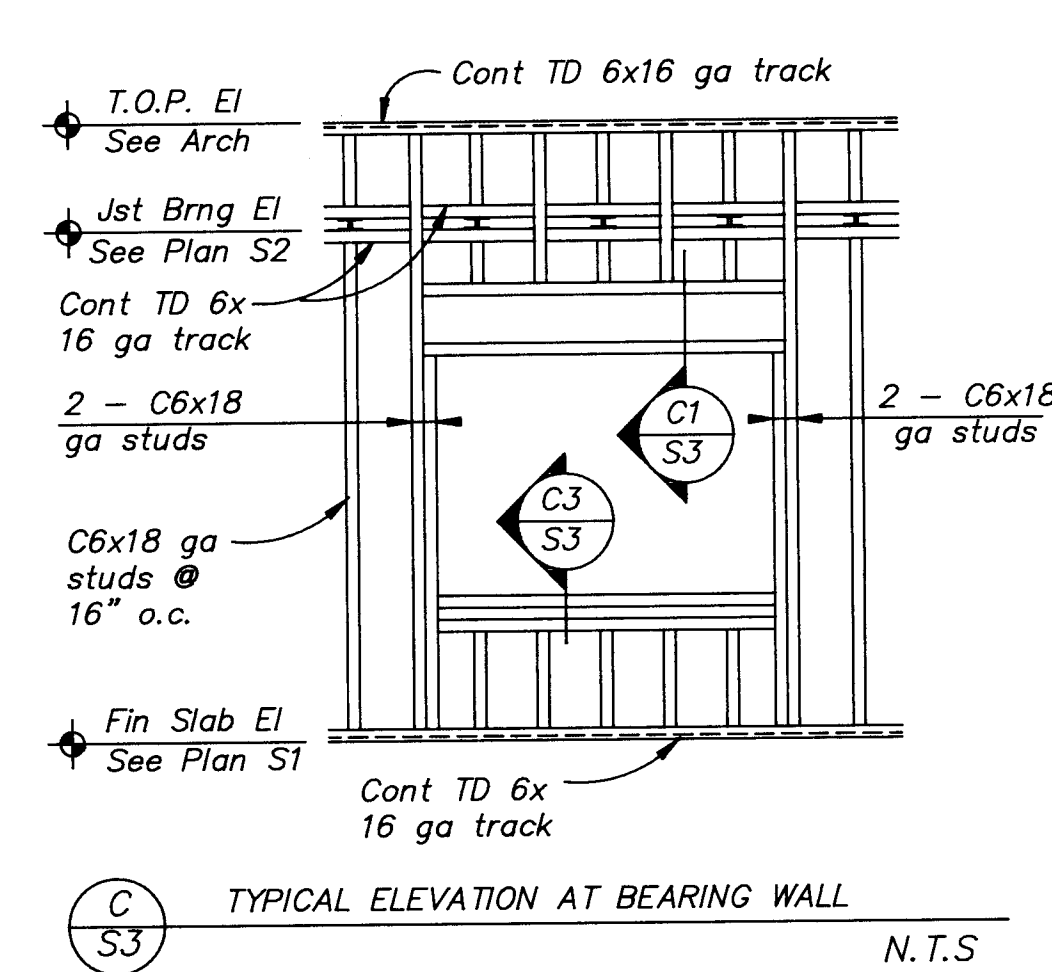
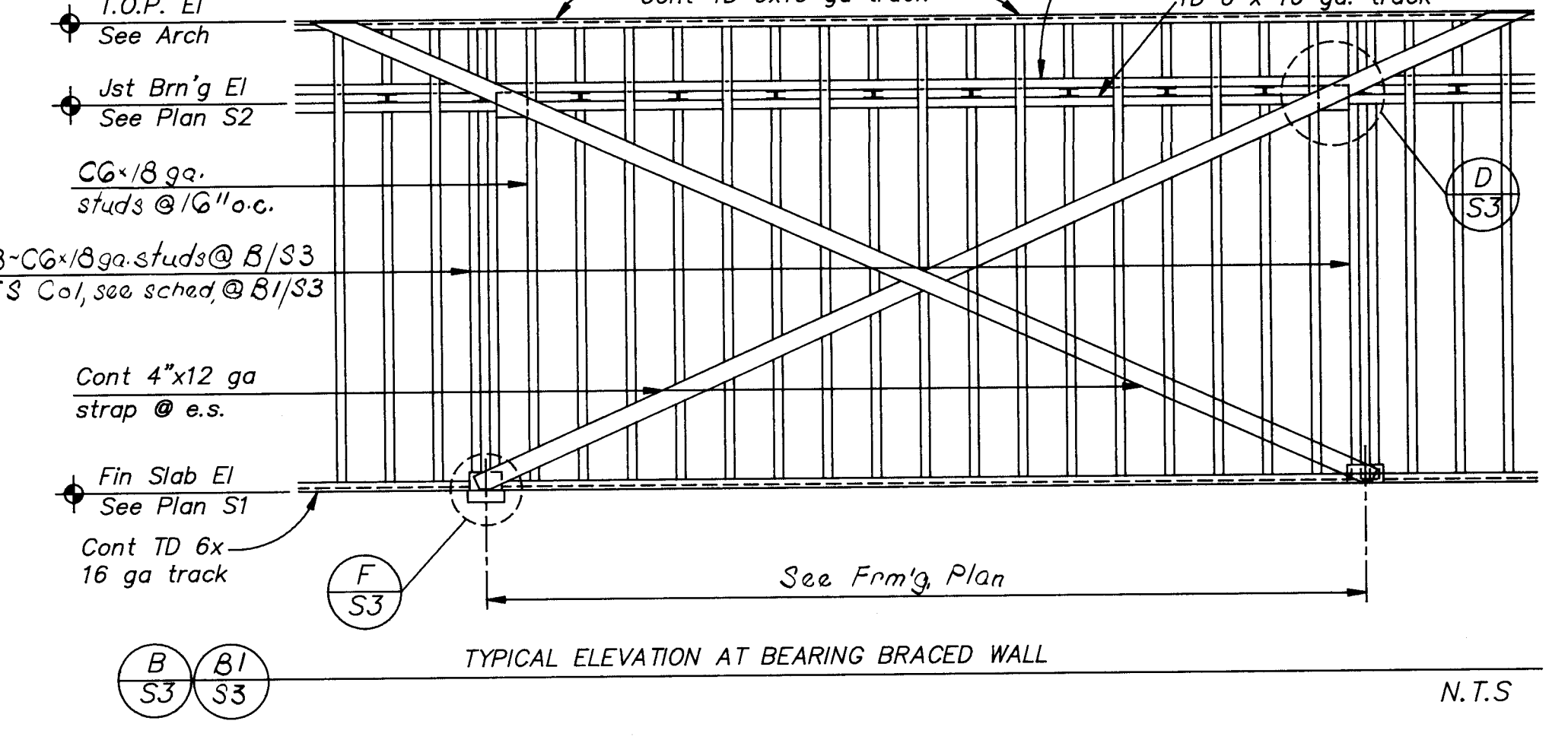
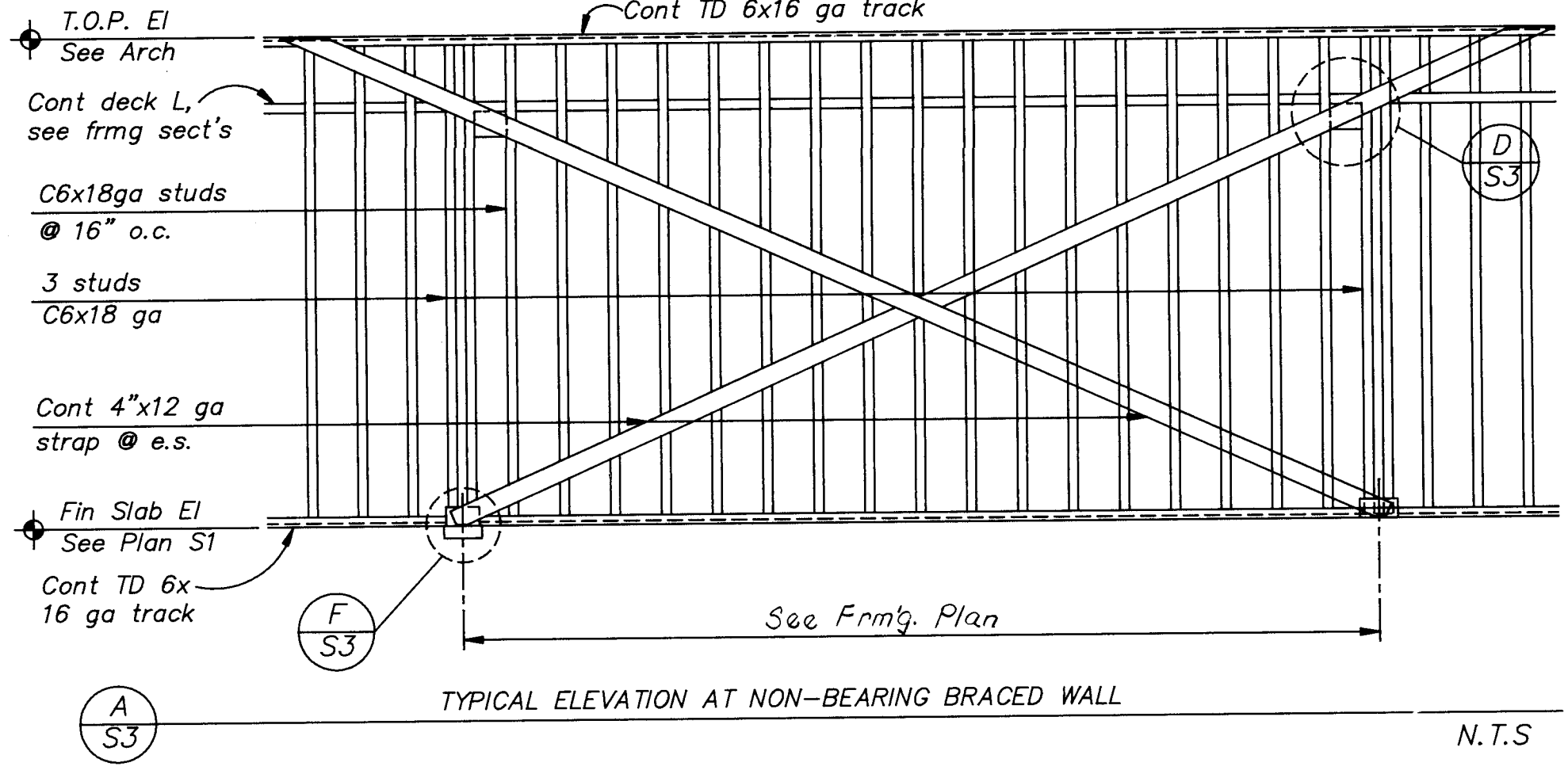
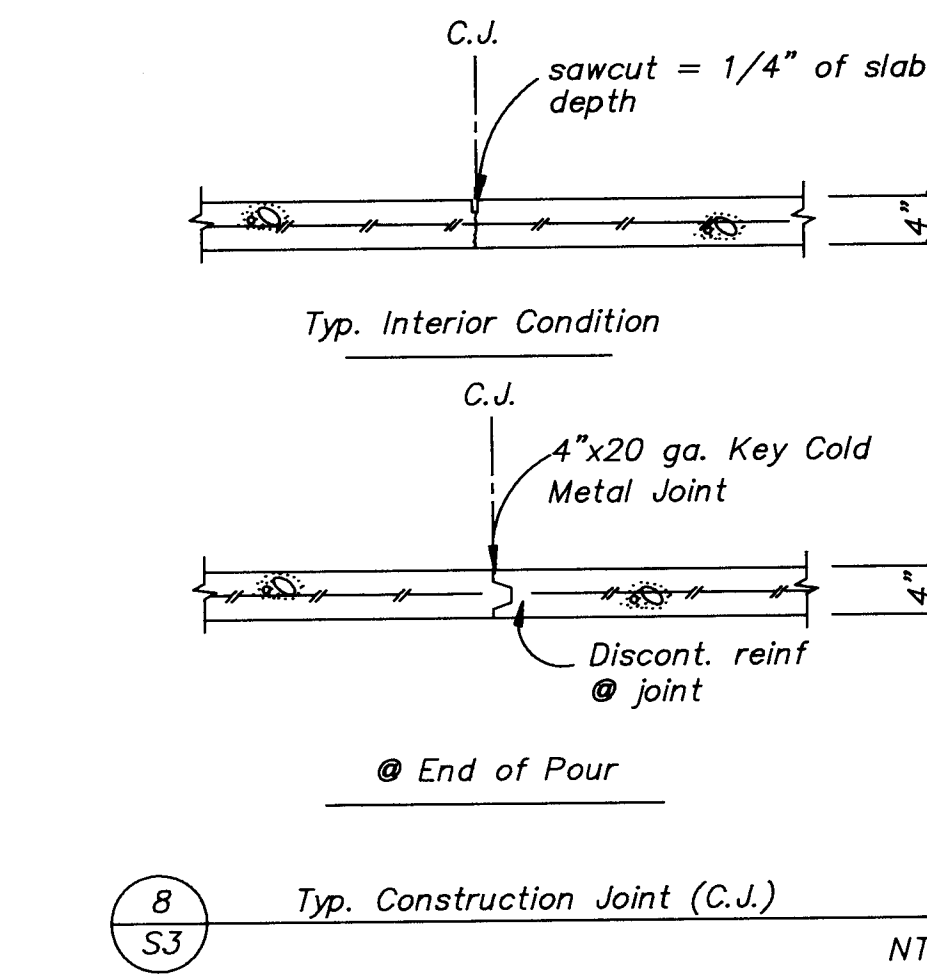
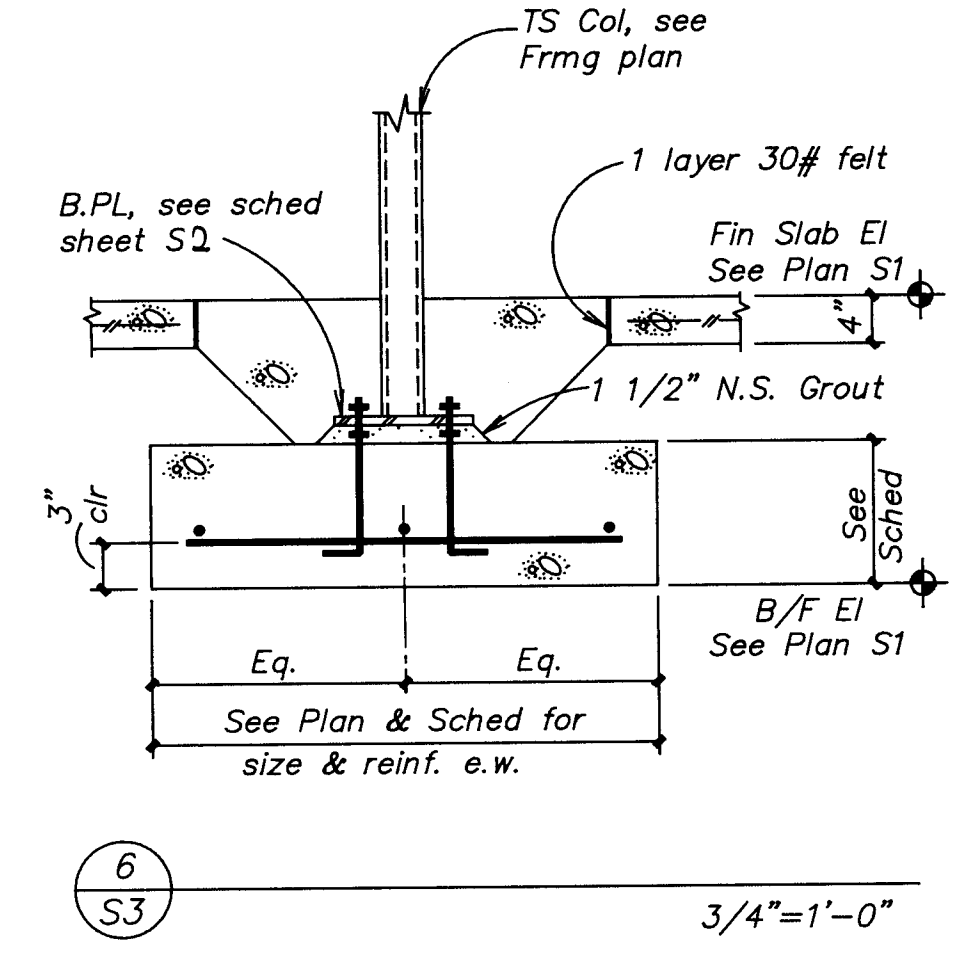
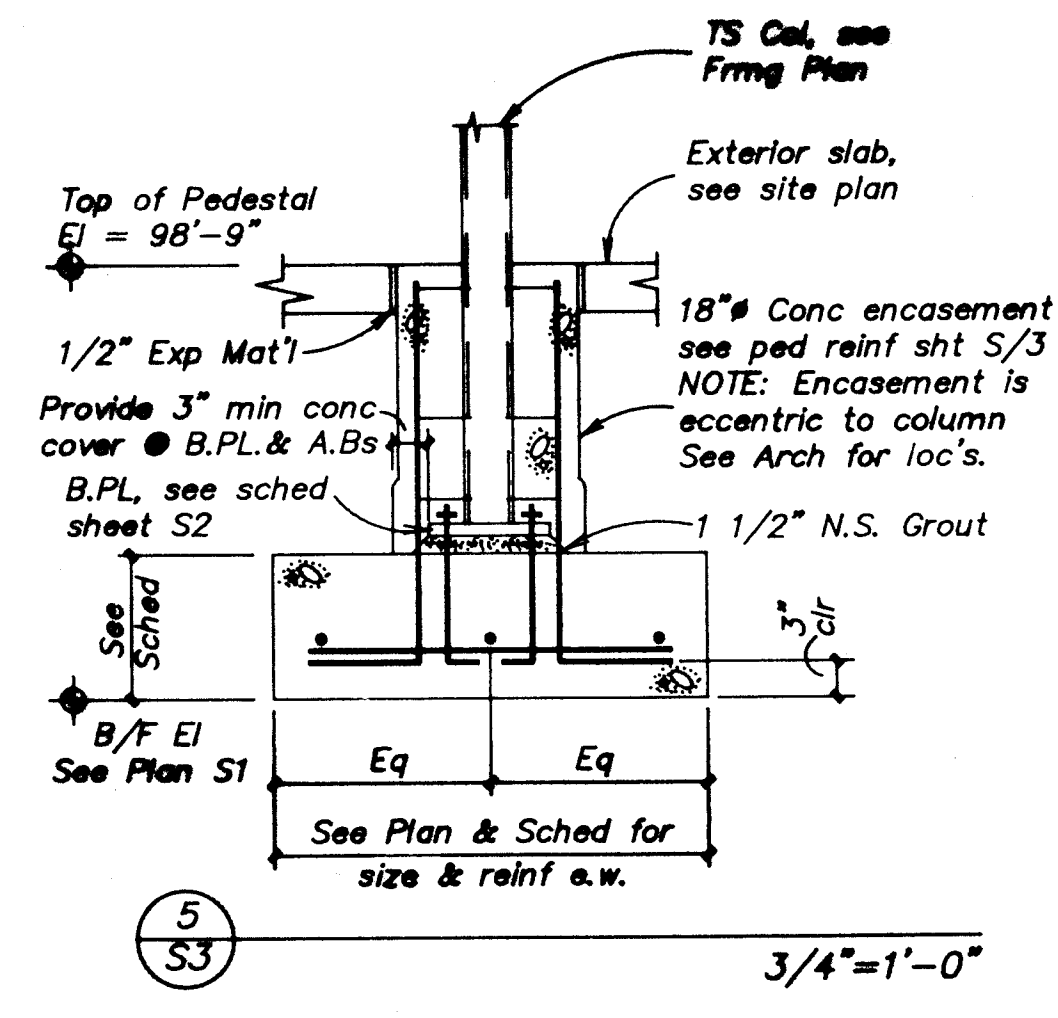
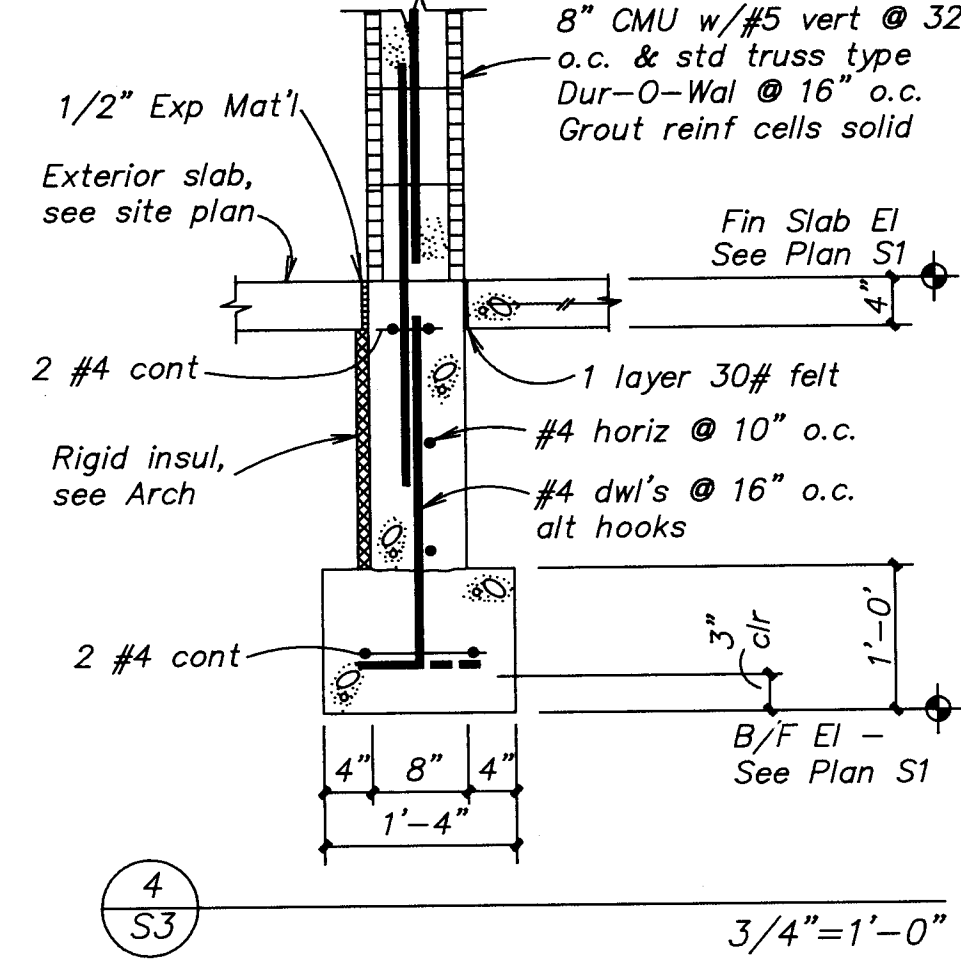
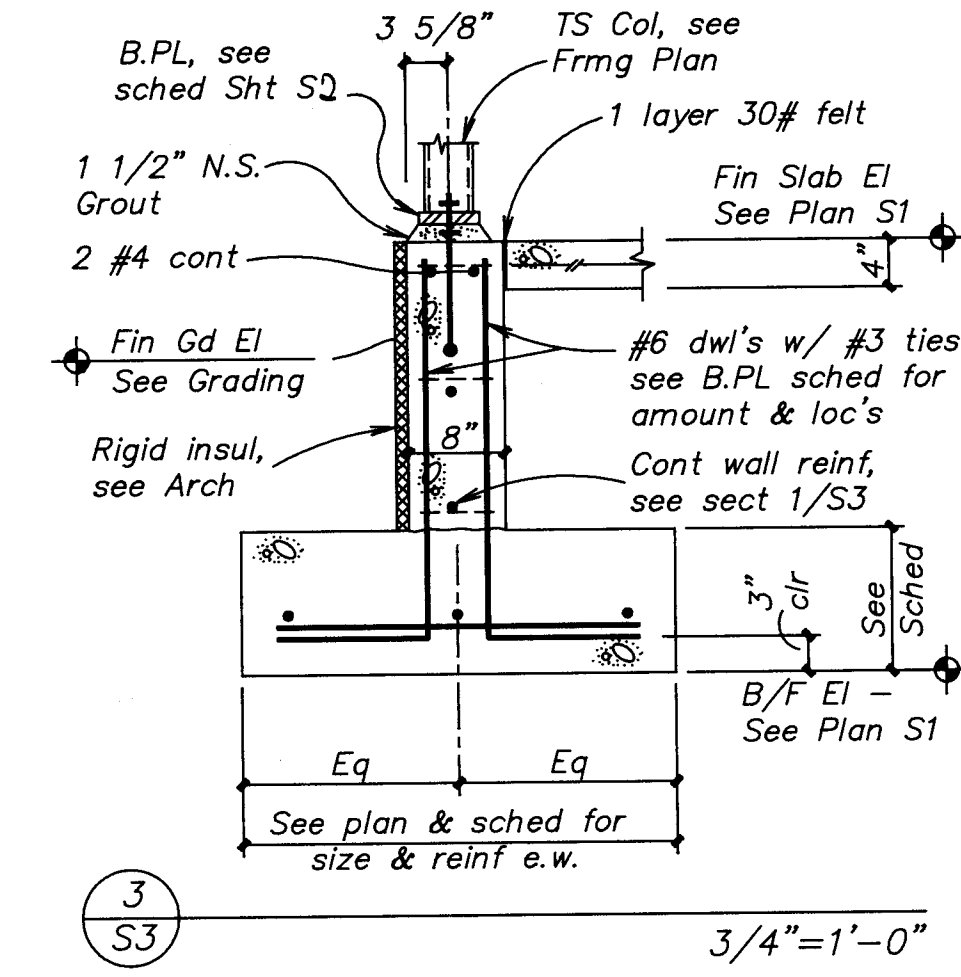
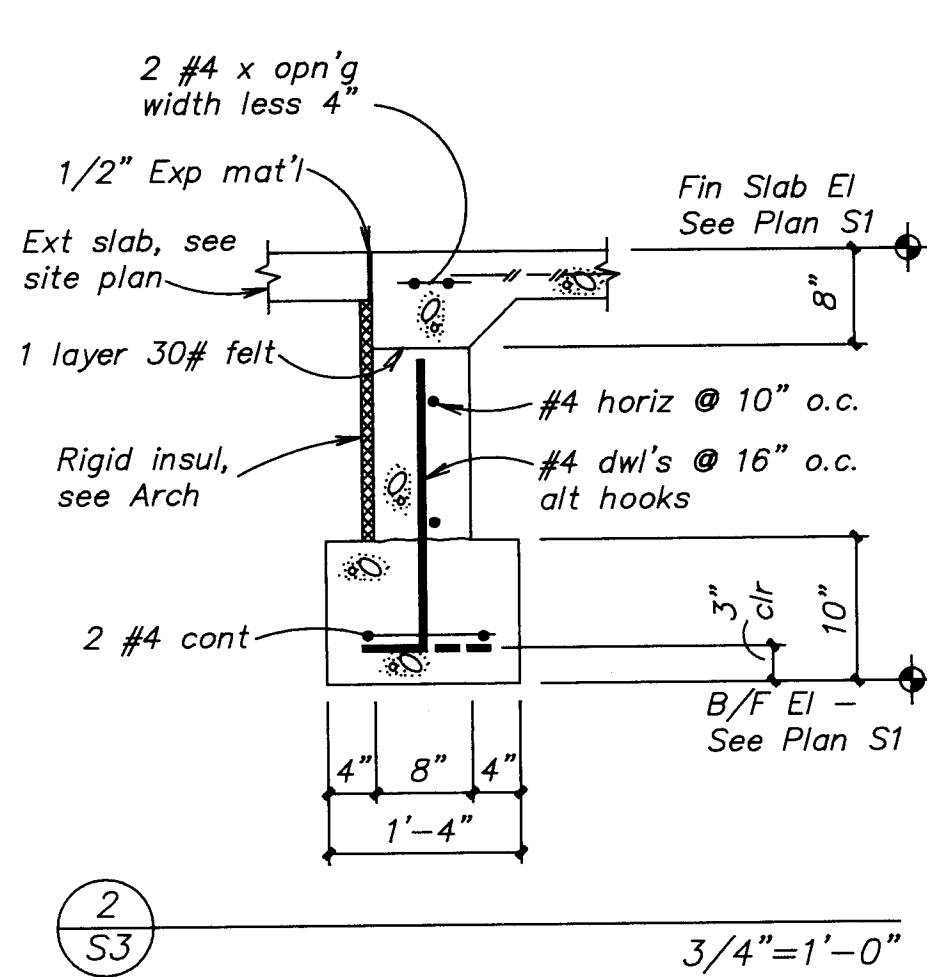
DAVID H. GRIFFIN
STATE OF
NEW MEXICO
REGISTERED
PROFESSIONAL ENGINEER
NO. 6127

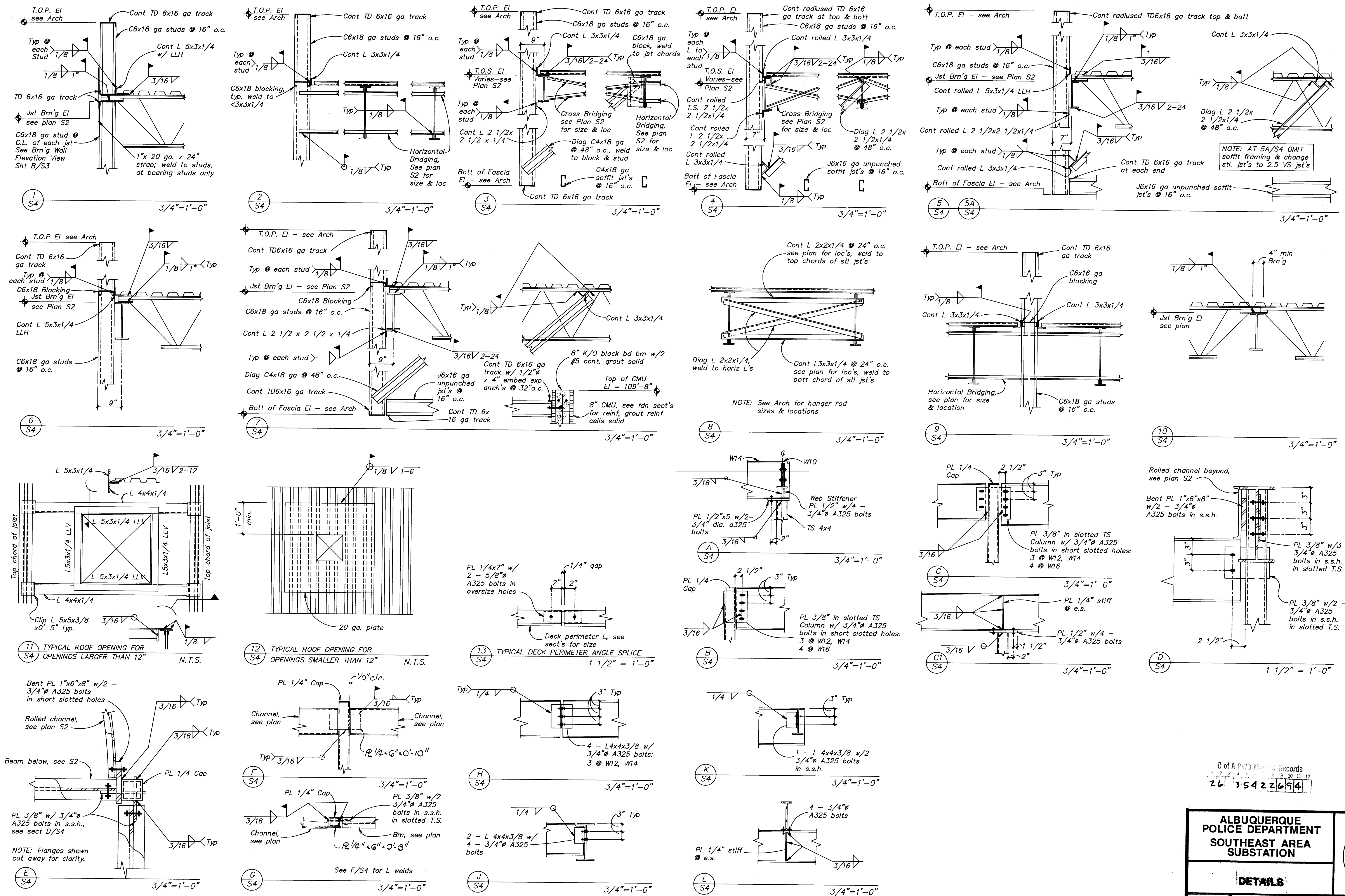
ROOF FRAMING PLAN

THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS
360 GOLD AVENUE, SUITE 100, ALBUQUERQUE, NM 87102

DATE:
NOVEMBER 1988

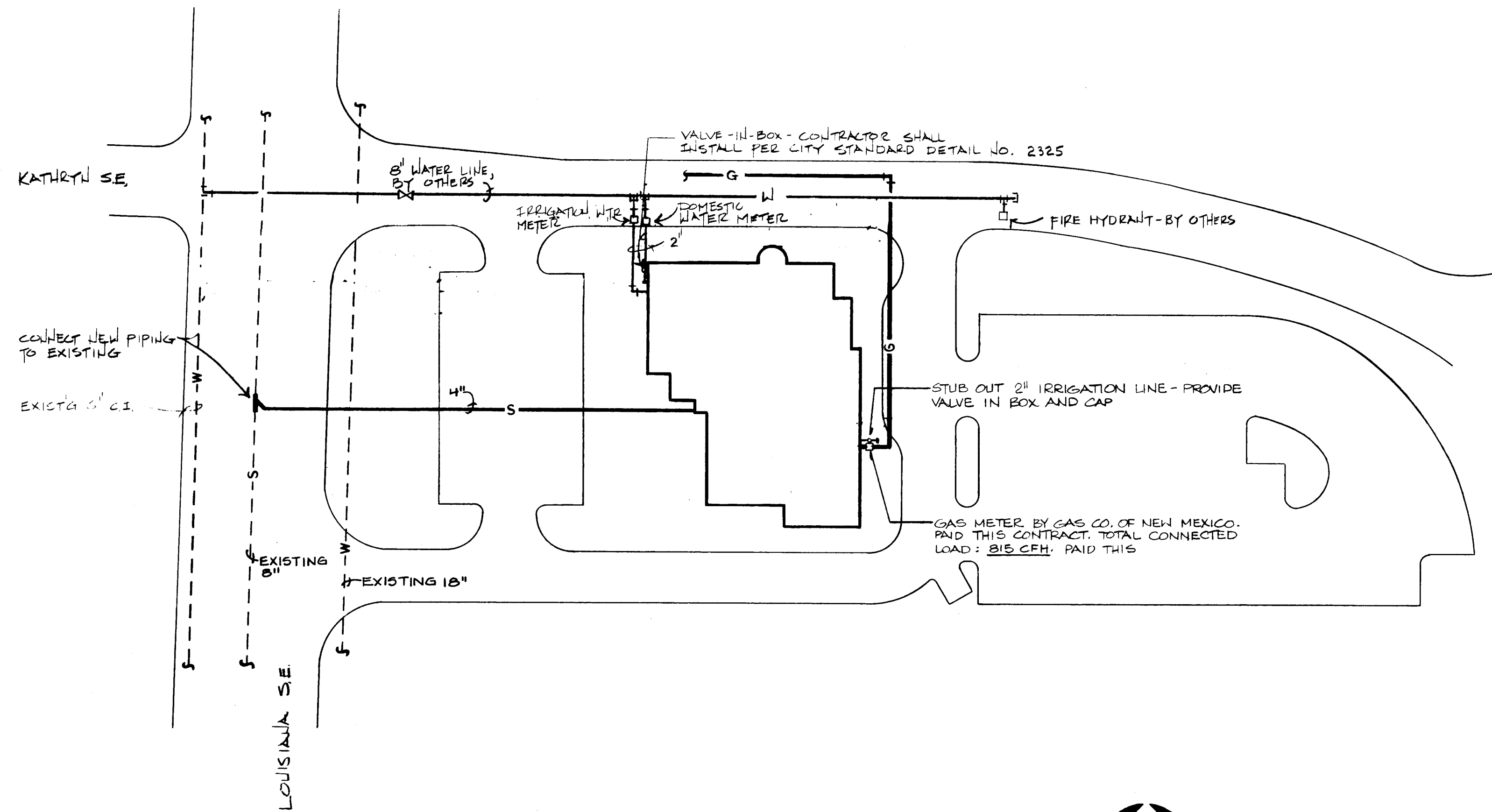
SHEET #
S2





Of A TWO MAPS Records
26 35422694

ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
DETAILS		
		DATE: NOVEMBER 1988
SHEET # S4		301 GOLD AVENUE SW SUITE 301 ALBUQUERQUE, NM 87102



UTILITY SITE PLAN

SCALE: 1" = 40'-0"



General Notes:

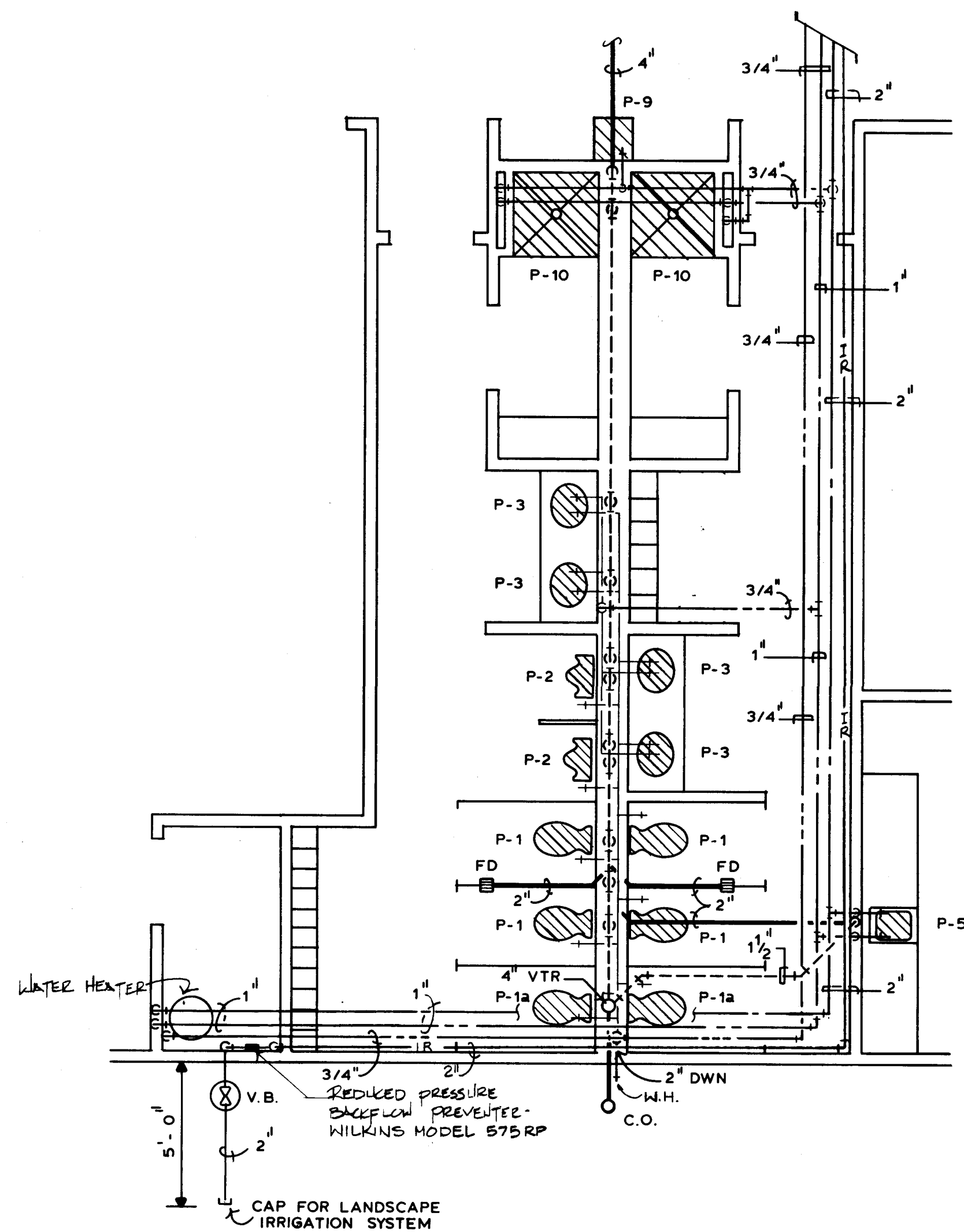
- Contractor to verify exact size, location and depth of all existing utilities.

C of A PWD Maps & Records

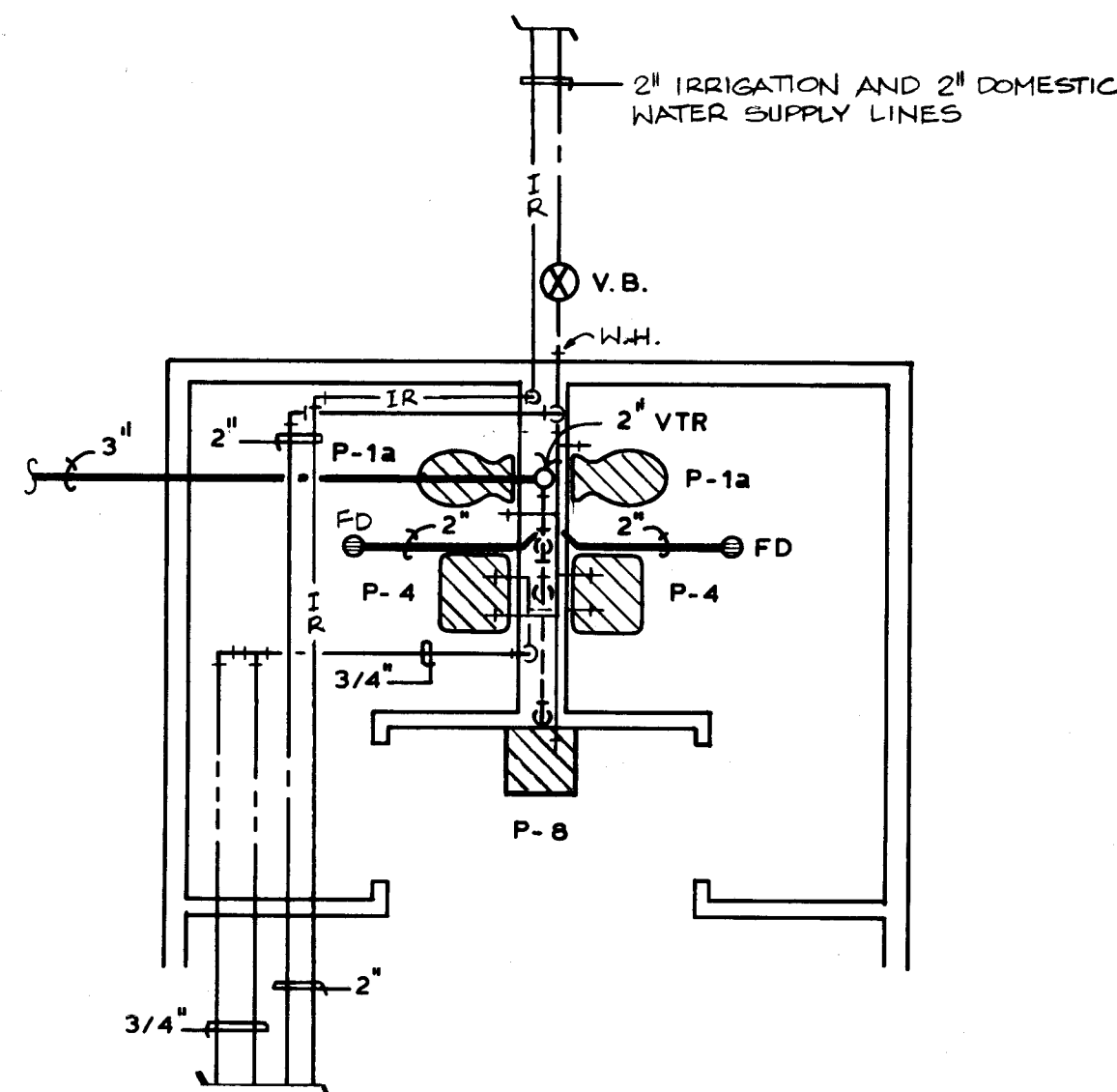
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ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
SITE UTILITY PLAN		
		DATE: NOVEMBER 1988 SHEET #

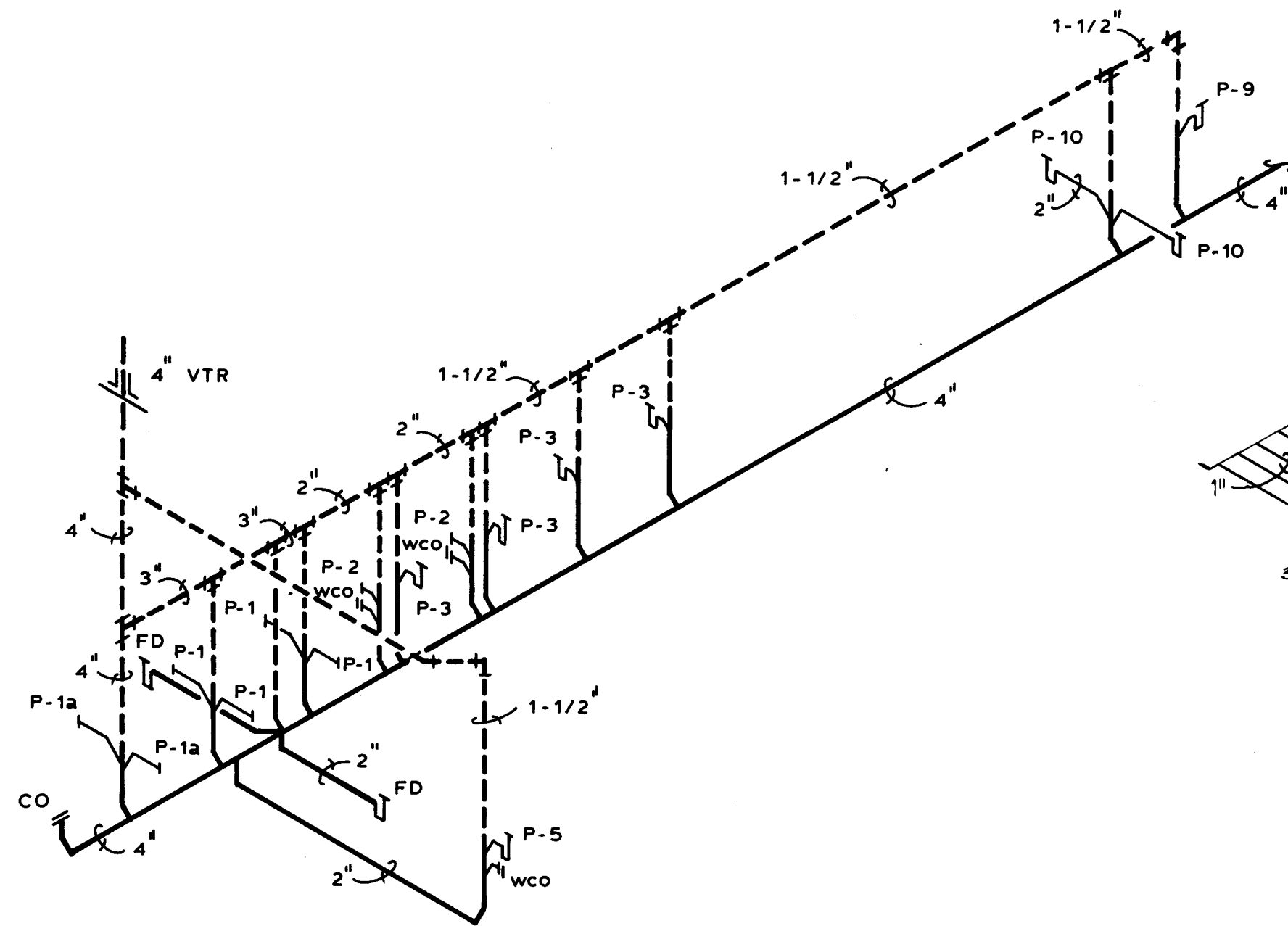
381 GOLD AVENUE SW / SUITE 304 ALBUQUERQUE, NM 87102



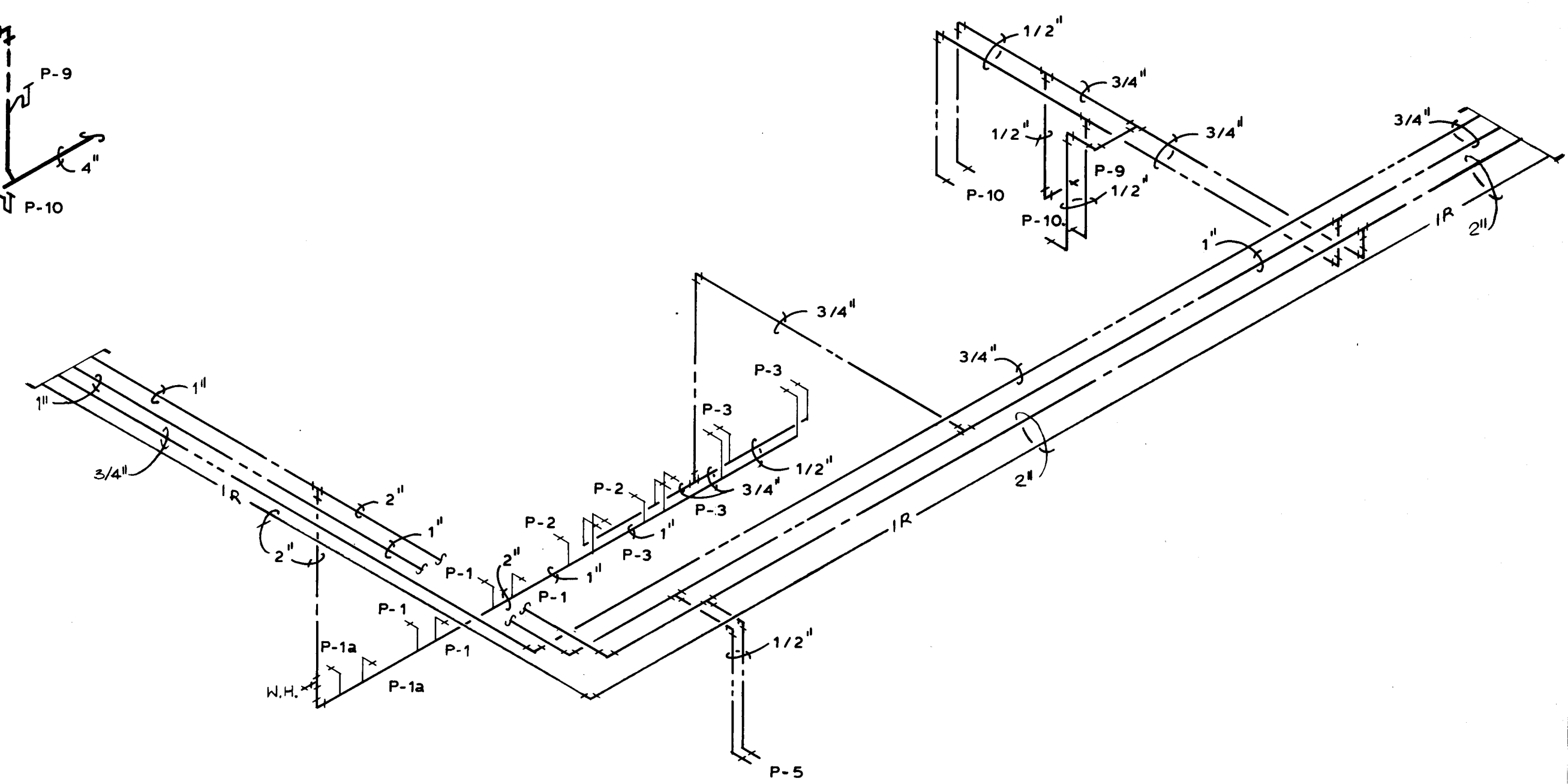
ENLARGED PLUMBING PLAN "B"
SCALE: 1/4" = 1'-0"



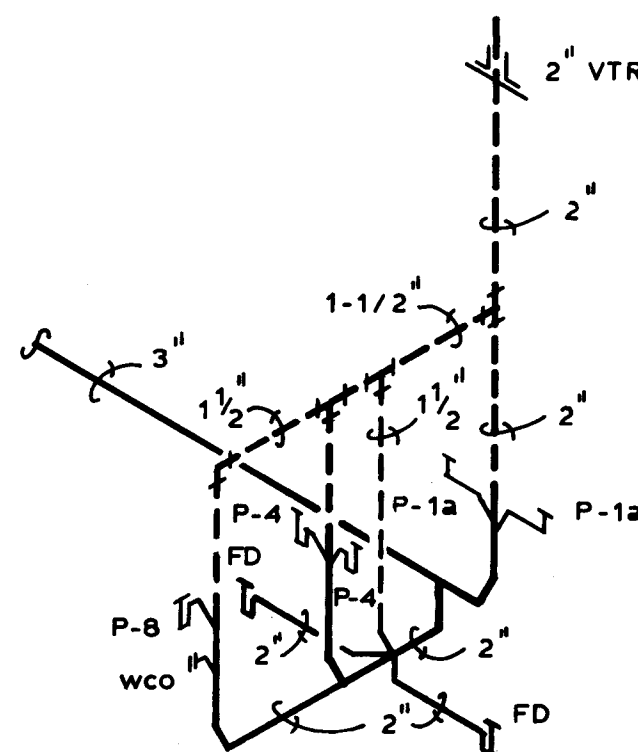
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SCALE: 1/4" = 1'-0"



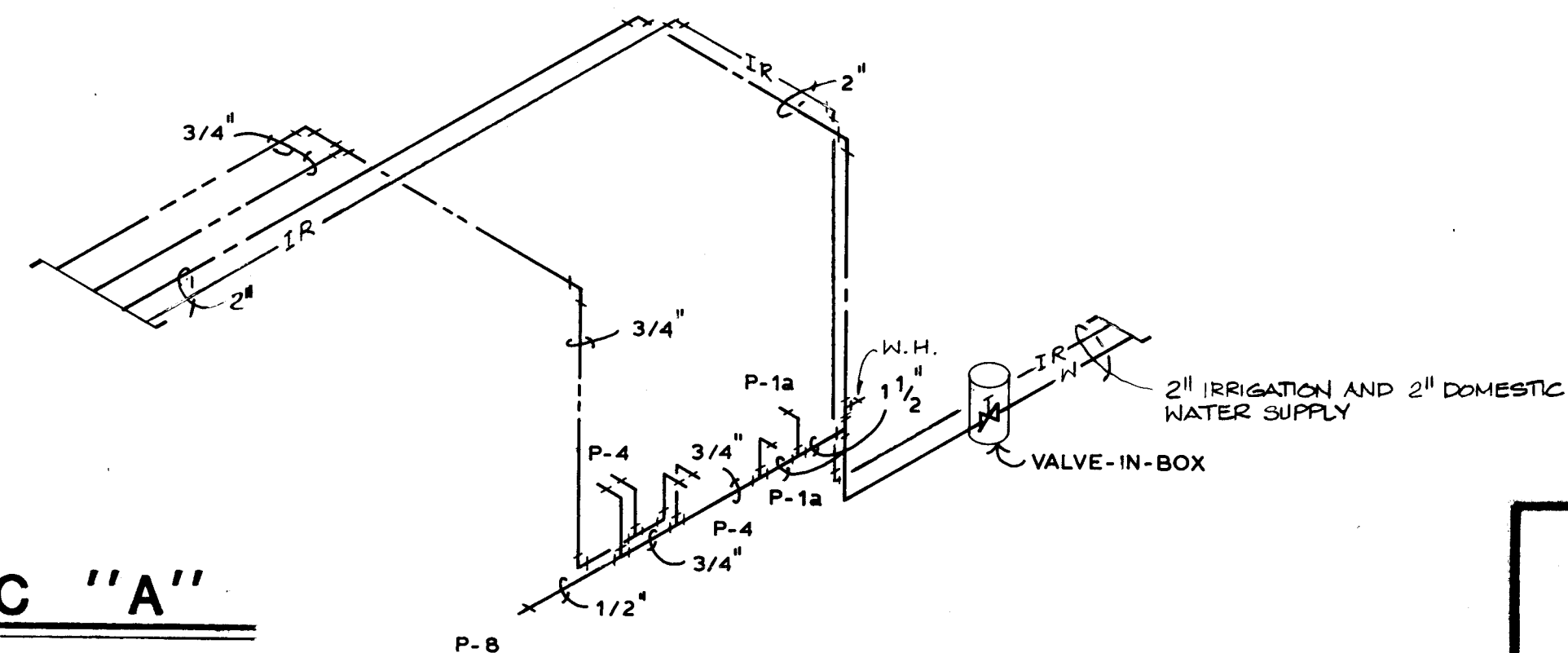
WASTE AND VENT PIPING ISOMETRIC "B"
NO SCALE



WATER PIPING ISOMETRIC "B"
NO SCALE



WASTE AND VENT PIPING ISOMETRIC "A"
NO SCALE



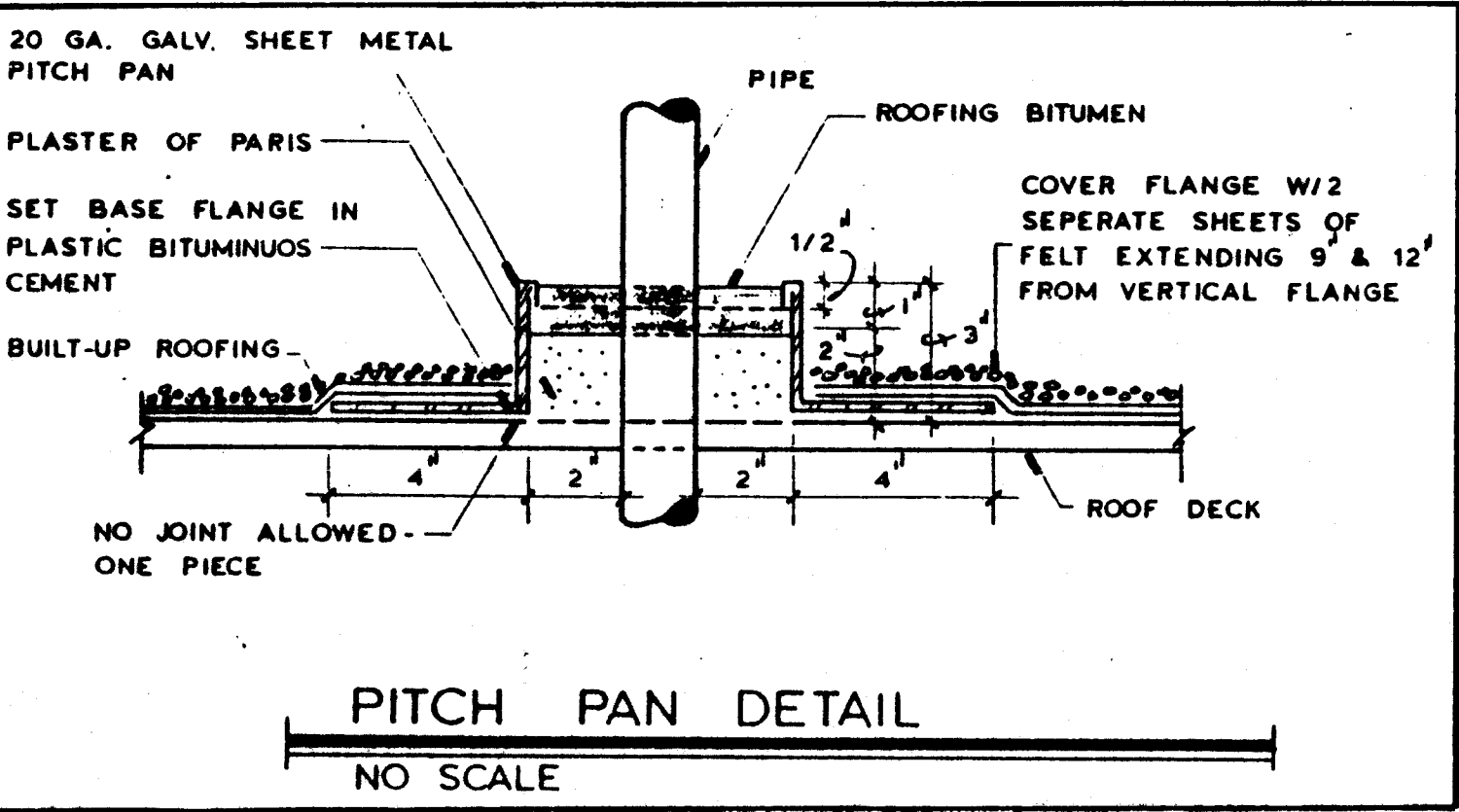
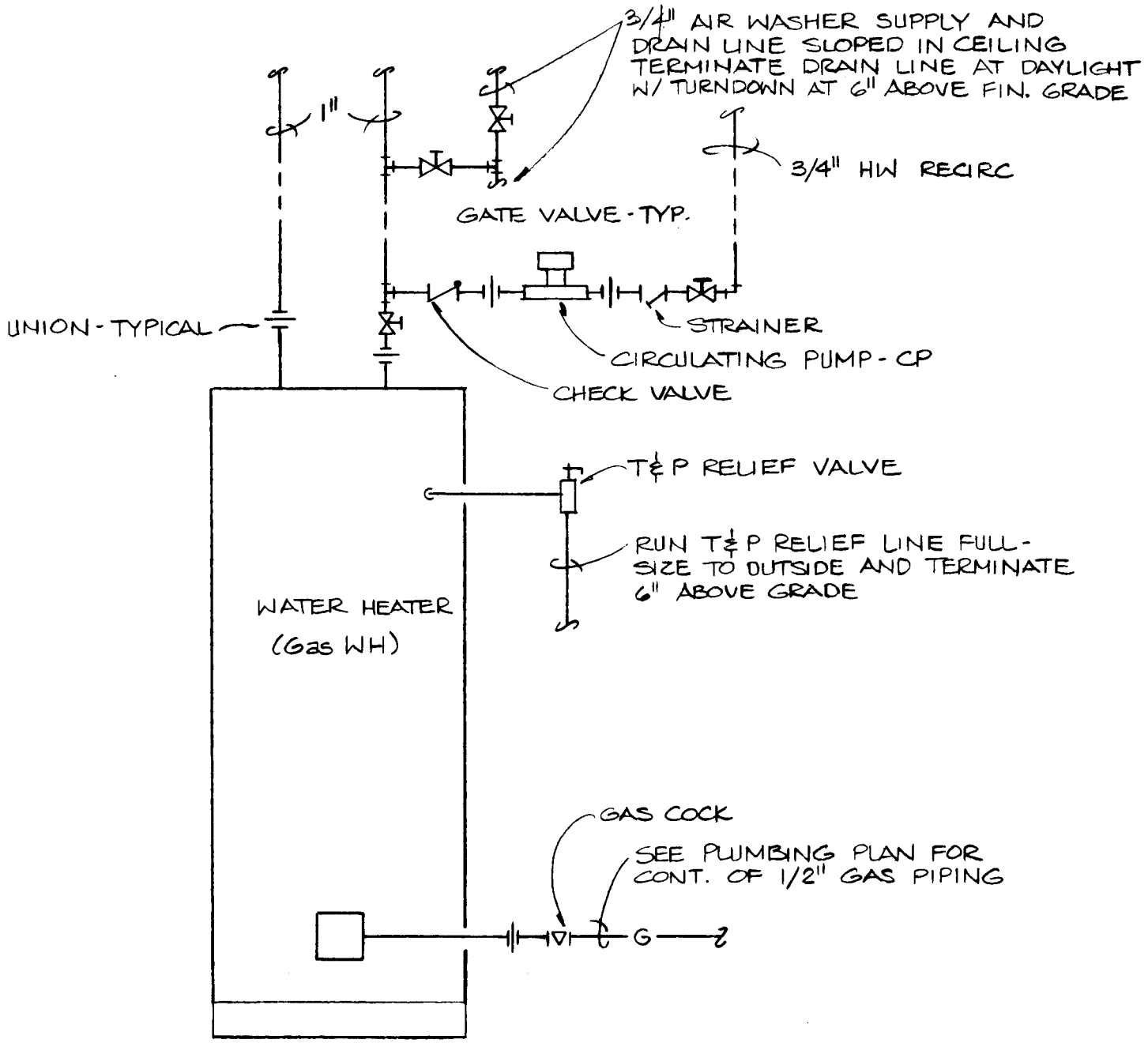
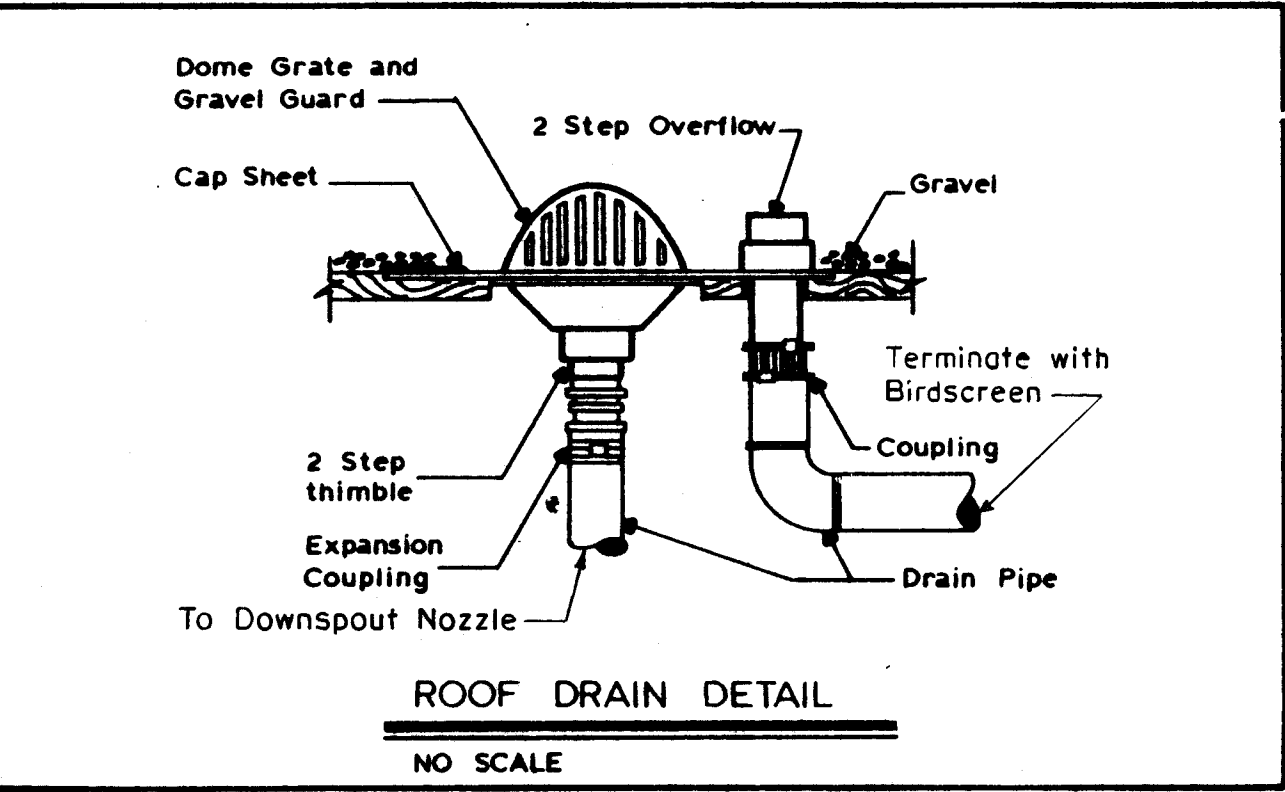
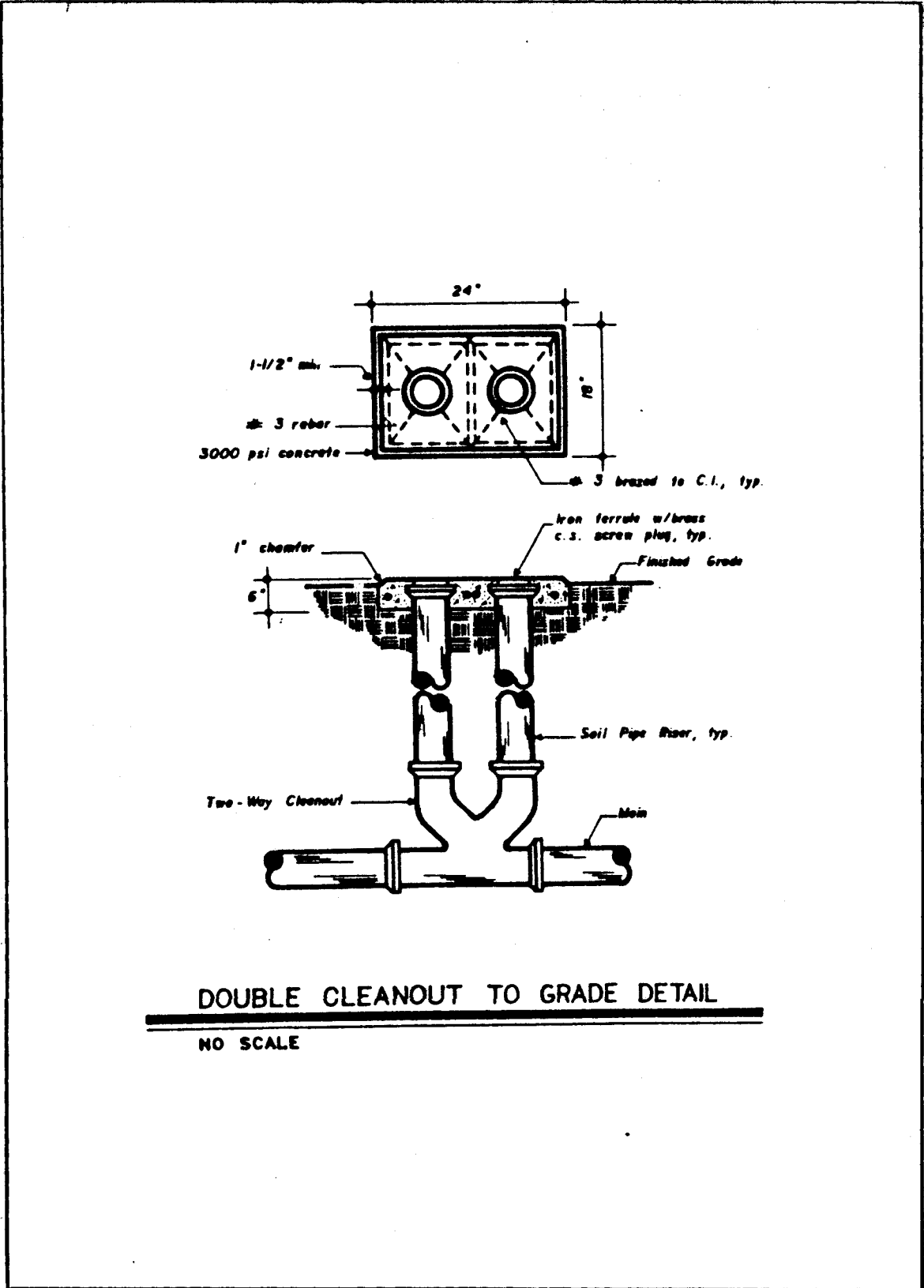
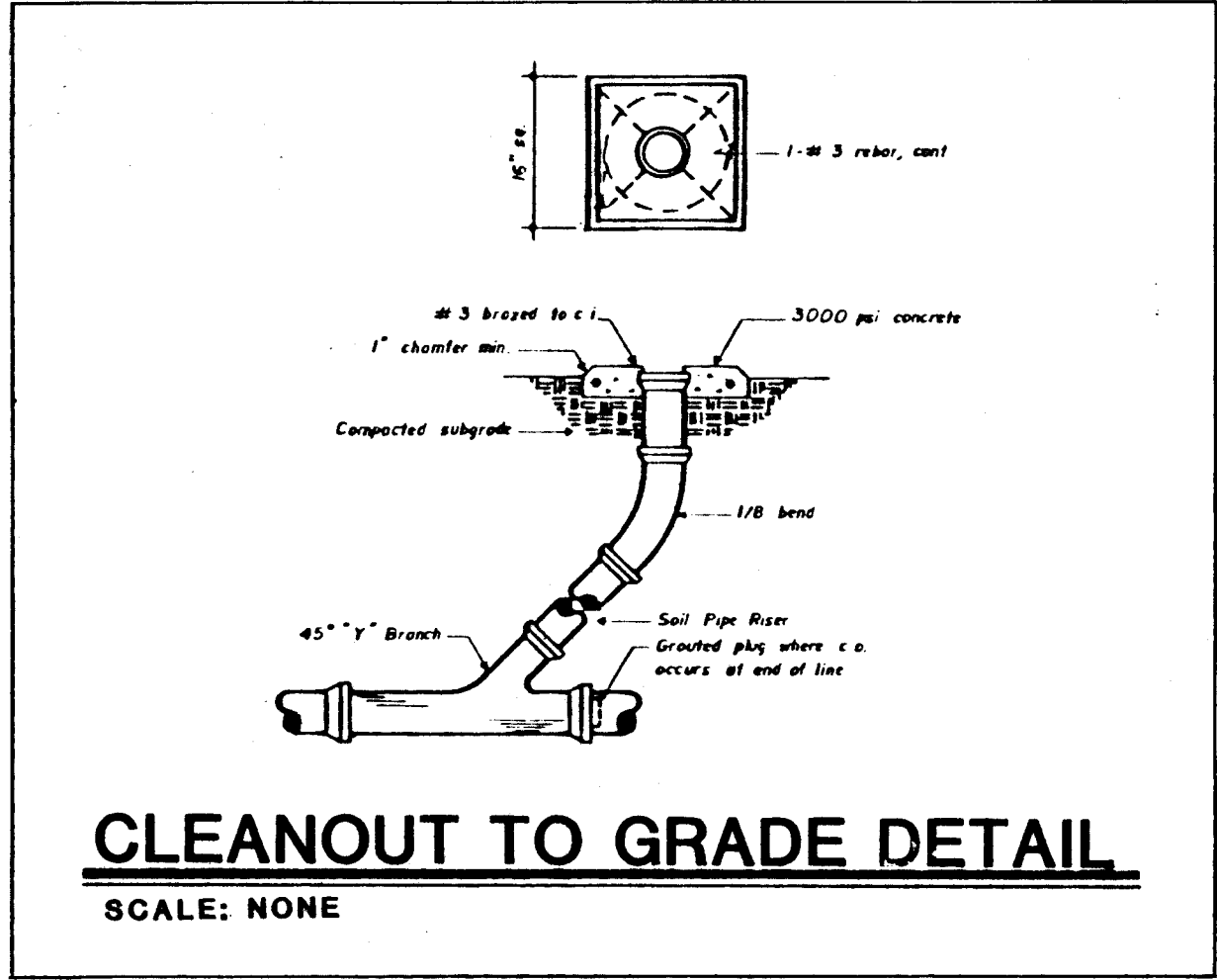
WATER PIPING ISOMETRIC "A"
NO SCALE

C of A PWD Maps & Records
26 35423094

ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
ENLARGED PLANS RISER DIAGRAMS		
		DATE: NOVEMBER 1994 SHEET: 4

FIXTURE SCHEDULE	
SYMBOL	DESCRIPTION
P-1	Water Closet: American Standard "Afwall Toilet" No. 2477.016, vitreous china, siphon jet, wall mounted toilet. Sloan Royal 110-3 flush valve. Church 5321.112 Moltex open front seat less cover with 3140 stainless steel hinge posts with concealed checks. Provide bolt caps.
P-1a	Water Closet Handicapped: Same as above except mount 18" high.
P-2	Urinal: American Standard "Washbrook" No. 6501.010 vitreous china, wall hung urinal. Sloan Royal 186-11 flush valve. Wade W-452 carrier.
P-3	Lavatory: American Standard "Aqualyn" No. 0476.028 vitreous china, self-rimming countertop lavatory with front overflow. No. 2103.588 centerset faucet with chrome handles, grid, drain, 3-1/2" spout aerator, 1-1/4" tailpiece, 2-1/2 gpm flow restrictor. Provide P-trap and wall stops. Insulate P-trap and hot water piping.
P-4	Lavatory: American Standard "Declyn" No. 0321.026 wall mounted vitreous china lavatory with front overflow and wall hanger. Provide with No. 2350.023 centerset faucet with aerator, 2-1/2 gpm flow restrictor and chrome finish, No. 2411.015 integral perforated grid drain with tailpiece. Furnish with Zurn No. Z-1224 support plate. Provide P-trap and wall stops. Insulate P-trap and hot water piping. Mount 34" above finished floor.
P-5	Sink: Elkay, Lustertone Model LR-1918, single compartment, 18 gauge, stainless steel, type 302-self rim. Provide 3 faucet holes, LK-2400 two handle deck mount faucet w/8" swing spout, aerator, crystalac handles. LK-35 waste fitting.
P-6	Bar Sink: Elkay Lustertone Model BLR-150C, single compartment, 18 gauge - type 302-self rim w/LK-2223 deluxe 2 handle bar faucet with 9-7/8" high swing spout and LK-36 small basket strainer. Provide P-trap and wall stops.
P-7	Service Basin: Fiat Model MSB-2424, 24" x 24" molded stone service basin with No. 874 cast brass drain body, No. 302 16 ga. stainless steel combination dome strainer and lint basket, No. 830-AA service faucet with vacuum breaker, integral stops, wall brace, pail hook and 3/4" hose thread, 832-AA long rubber hose and bracket, 889-CC mop hanger. Provide stainless steel backsplash.
P-8	Electric Water Cooler: Elkay Model EHF-8 wall hung water cooler with self-closing pushbar on front of unit. Capacity of 7.6 gph of 50°F drinking water at 90°F room temperature and 80°F inlet water temperature. 1/5 hp pump @ 120v-1ø, 5 amps. Provide wall stop, P-trap and Zurn ZR-1225 carrier.
P-9	Electric Water Cooler: Elkay Model EWA-8, wall mounted, capacity of 8.9 gph of 50°F drinking water at 90°F room temperature and 80°F inlet water temperature. 1/6 hp pump @ 120v-1ø, 3.3 amps. Provide wall stop, P-trap.
P-10	Shower: (H.C.) Universal Rundle, one piece fiberglass construction, Model 6937, 36" x 36" x 84" acid resistant white w/2 soap dishes, grab bar. Provide Kohler K-7226T shower trim, K-7371 shower head and Zurn Z-415 shower drain.
WCO	Wall Cleanout: Zurn Z-1460-8.
R.D.	Roof Drain: Tech Specialties Model No. T0001 (o.a.e.) drain with dome grate and overflow. Provide expansion coupling.
D.N.	Downspout Nozzle: Zurn Z-199 with wall flange.
W.H.	Wall Hydrant: Zurn Z-1310. Non-freeze, anti-siphon with operating key.
F.C.O.	Floor Cleanout: Zurn Z-1400-2.
GasWH	Water Heater: Natural gas fired, AGA approved with heavy steel tank, glass lining, protective magnesium rod, intake tube, fiberglass insulation, 75 gallon storage capacity, 68 gph recovery at 100°F temperature rise, 75,100 BTUH input, complete with ASME temperature and pressure relief valve, fully automatic controls with safety shut-off, and a ten year warranty. Furnish with 6" diameter Metalbestos type 'B' flue thru roof with vent cap. A.O. Smith model BT-80, National, State, Rheem or approved equal.
C.P.	Circulating Pump: The pump shall be single stage, vertical split case, in all bronze construction, pump internals shall be serviced without disturbing piping connections, furnished with enclosed impeller, mechanical seal with ceramic seat, flexible coupling and a resilient mounted motor. 10 gpm at 10 ft. head with 120v., 1-phase motor, complete with an in-line aquastat to turn on at 90°F and shut-off at 110°F. Taco model 0010B, Bell & Gossett, Armstrong or approved equal.
FD	Floor Drain: Zurn Z-415.

PLUMBING SCHEDULE					
SYMBOL	DESCRIPTION	C.W.	H.W.	WASTE	VENT
P-1	Water Closet	1"	---	3"	2"
P-1a	Water Closet (H.C.)	1"	---	3"	2"
P-2	Urinal	3/4"	---	2"	1-1/2"
P-3	Lavatory	1/2"	1/2"	2"	1-1/2"
P-4	Lavatory	1/2"	1/2"	2"	1-1/2"
P-5	Sink	1/2"	1/2"	2"	1-1/2"
P-6	Bar Sink	1/2"	1/2"	2"	1-1/2"
P-7	Service Basin	1/2"	1/2"	3"	2"
P-8	Electric Water Cooler	1/2"	---	2"	1-1/2"
P-9	Electric Water Cooler	1/2"	---	2"	1-1/2"
P-10	Shower	1/2"	1/2"	2"	1-1/2"
W.C.O.	Wall Cleanout	---	---	As Req'd.	---
R.D.	Roof Drain	---	---	As Req'd.	---
D.N.	Downspout Nozzle	---	---	As Req'd.	---
W.H.	Wall Hydrant	3/4"	---	---	---
F.C.O.	Floor Cleanout	---	---	As Req'd.	---
FD	Floor Drain	---	---	2"	1-1/2"



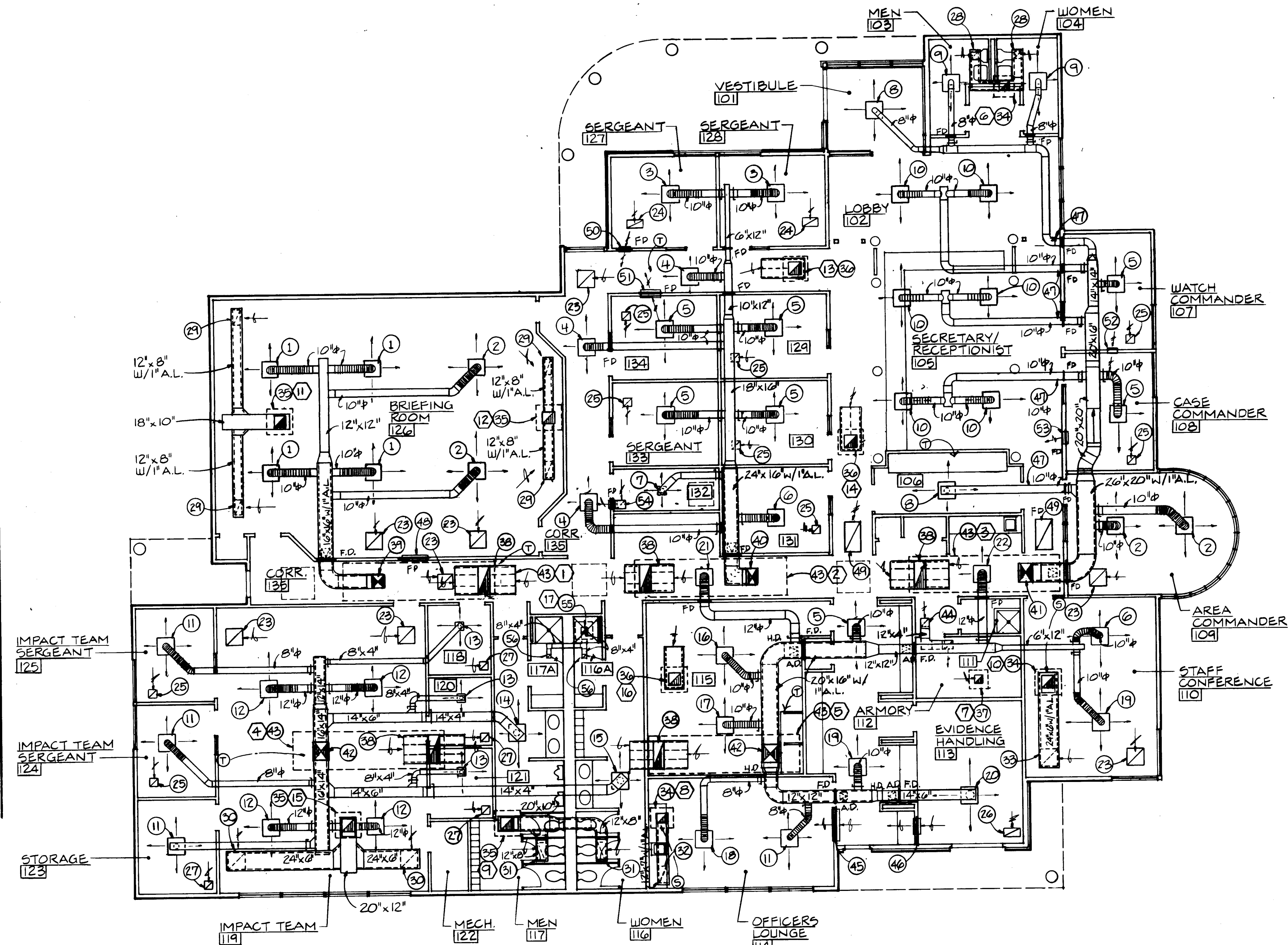
C of A PWD Map
1 2 3 4 5 6 7 8 9 10 11 12
26 35 4 23 194

ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION	
SCHEDULES DETAILS	
	DATE: NOVEMBER 1994 SHEET # 1
301 GOLD STREET, N.W. SUITE 101 ALBUQUERQUE, NM 87102	

Keyed Notes:

- 1 330 CFM [A]
- 2 340 CFM [A]
- 3 280 CFM [A]
- 4 345 CFM [A]
- 5 250 CFM [A]
- 6 275 CFM [A]
- 7 130 CFM [B]
- 8 200 CFM [B]
- 9 160 CFM [B]
- 10 350 CFM [F]
- 11 220 CFM [A]
- 12 400 CFM [A]
- 13 125 CFM [A]
- 14 425 CFM [B]
- 15 400 CFM [B]
- 16 315 CFM [A]
- 17 320 CFM [A]
- 18 230 CFM [A]
- 19 260 CFM [A]
- 20 360 CFM [B]
- 21 510 CFM [A]
- 22 500 CFM [A]
- 23 24" x 24" R.A. GR. [C]
- 24 24" x 12" R.A. GR. [C]
- 25 12" x 12" R.A. GR. [C]
- 26 24" x 12" R.A. GR. [E]
- 27 12" x 12" R.A. GR. [E]
- 28 12" x 12" EXH. GR. [E], 175 CFM, WITH 12" x 8" DUCT W/1" A.L.
- 29 24" x 12" EXH. GR. [E], 500 CFM
- 30 24" x 24" EXH. GR. [E], 700 CFM
- 31 24" x 12" EXH. GR. [E], 475 CFM
- 32 24" x 12" EXH. GR. [E], 400 CFM

- 33 24" x 24" EXH. GR. [E], 550 CFM
- 34 14" x 14" DUCT UP THRU ROOF TO EXHAUST FAN
- 35 18" x 18" DUCT UP THRU ROOF TO EXHAUST FAN
- 36 18" x 18" DUCT UP THRU ROOF TO EXHAUST FAN ALSO SEE TYP. SOUND TRAP DETAIL ON SHEET M-2.
- 37 12" x 12" EXH. GR. [E] W/12" x 12" EXH. DUCT UP THRU ROOF TO EXHAUST FAN
- 38 TYPICAL SOUND TRAP BOOT FOR RETURN AIR. SEE DETAIL ON SHEET M-2
- 39 FAN DISCHARGE OPENING SHALL TRANSITION TO 16" x 16" THRU ROOF TO CEILING SPACE
- 40 FAN DISCHARGE OPENING SHALL TRANSITION TO 24" x 16" THRU ROOF TO CEILING SPACE
- 41 FAN DISCHARGE OPENING SHALL TRANSITION TO 26" x 20" THRU ROOF TO CEILING SPACE
- 42 FAN DISCHARGE OPENING SHALL TRANSITION TO 24" x 18" THRU ROOF TO CEILING SPACE
- 43 OUTLINE OF HEATING AND COOLING UNIT ON ROOF
- 44 (2) TWO 12" x 12" TRANS. GRILLE [E] W/12" x 14" TRANSFER DUCT
- 45 44 x 20 RETURN AIR OPENING W/F.D. ABOVE IN CEILING SPACE
- 46 22" x 16" RETURN AIR OPENING W/F.D. ABOVE IN CEILING SPACE
- 47 DUCTWORK SHALL RUN THRU JOIST WEB OPENING
- 48 36" x 18" RETURN AIR OPENING W/F.D. ABOVE IN CEILING SPACE
- 49 48" x 24" R.R. GR. [C]
- 50 16" x 14" RETURN AIR OPENING W/F.D. ABOVE IN CEILING SPACE
- 51 28" x 18" RETURN AIR OPENING W/F.D. ABOVE IN CEILING SPACE
- 52 14" x 6" RETURN AIR OPENING ABOVE IN CEILING SPACE
- 53 16" x 10" RETURN AIR OPENING W/F.D. ABOVE IN CEILING SPACE
- 54 12" x 12" R.A. GR. [D] W/12" x 4" TRANSFER DUCT W/F.D. ABOVE IN CEILING SPACE
- 55 8" x 8" EXH. DUCT UP THRU ROOF TO EXHAUST FAN.
- 56 8" x 8" EXH. GRILLE [E], 60 CFM.



MECHANICAL FLOOR PLAN

SCALE 1/8"=1'-0"

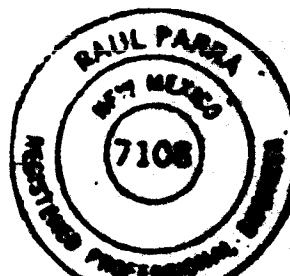
NOTE: F.D. INDICATES FIRE DAMPER

C of A PWD Maps & Plans
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ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

MECHANICAL PLAN

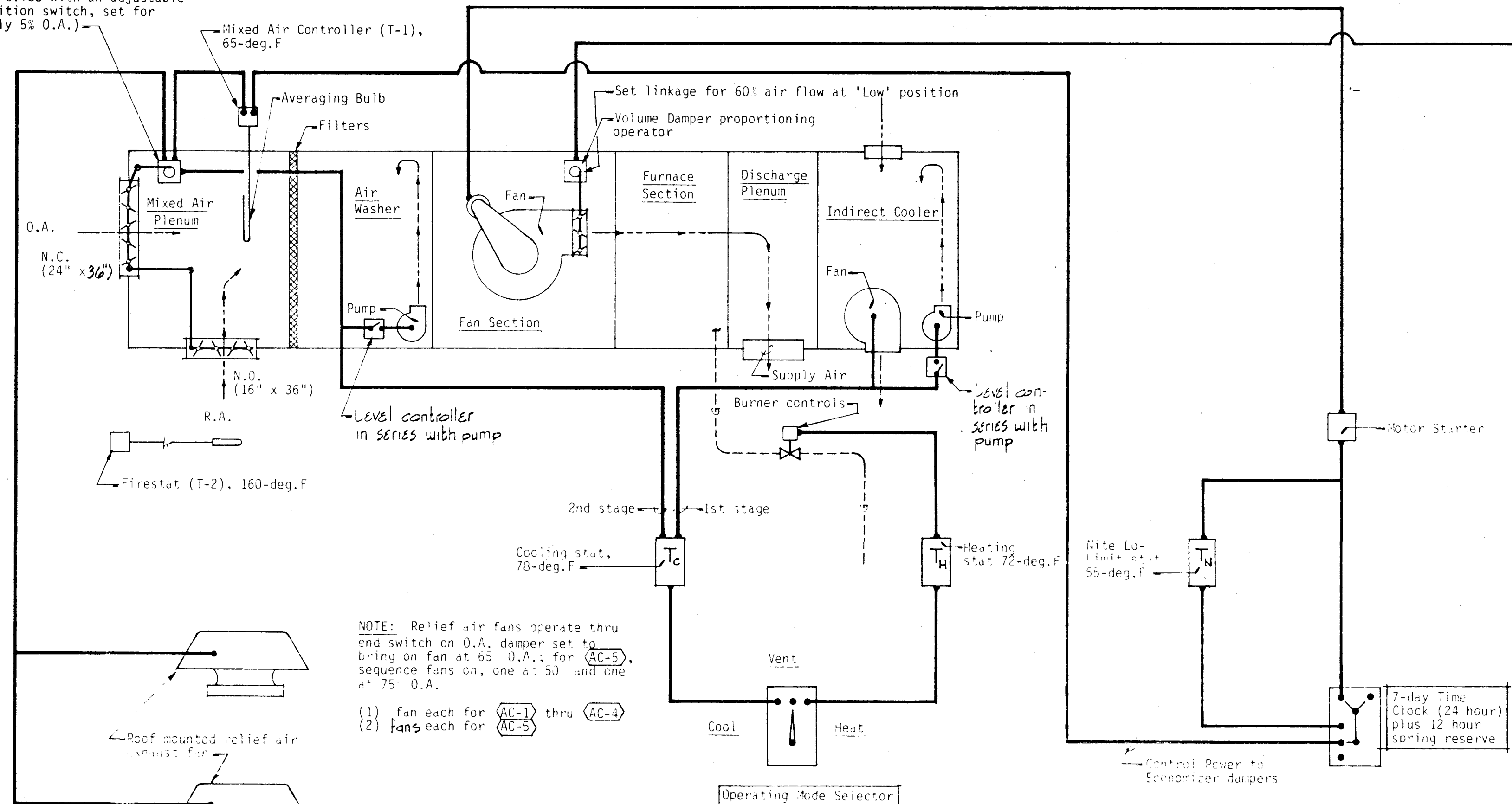
THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS



DATE:
NOVEMBER 1999
SHEET #
M-1

301 GOLD AVENUE SW SUITE 301 ALBUQUERQUE, NM 87102

Proportioning damper motor with adjustable min. O.A. dial. Provide slave motor if necessary for second damper. (Provide with an adjustable minimum position switch, set for approximately 5% O.A.)



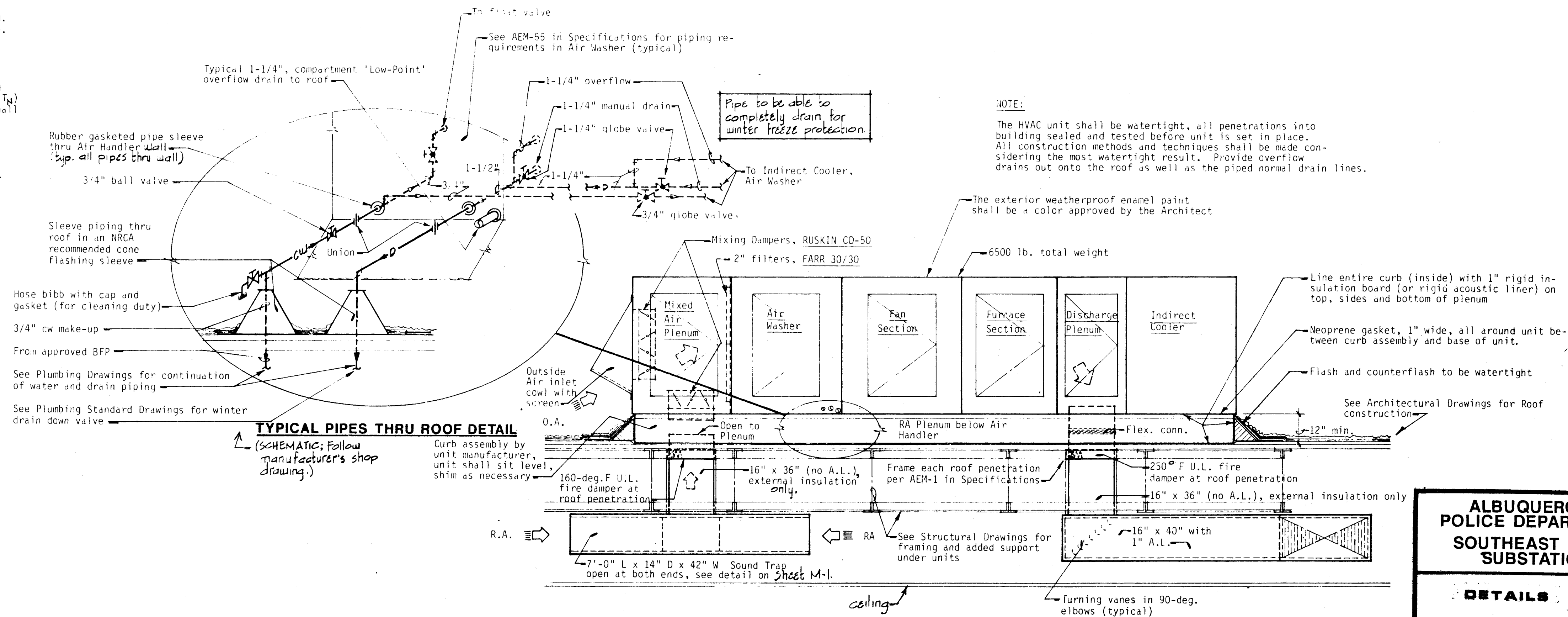
NOTE: Relief air fans operate thru end switch on O.A. damper set to bring on fan at 65 O.A.; for (AC-5), sequence fans on, one at 50 and one at 75 O.A.
(1) fan each for (AC-1) thru (AC-3)
(2) fans each for (AC-4) & (AC-5)

AIR HANDLING UNIT CONTROLS AC-1 THRU AC-5

NOT TO SCALE

SEQUENCE OF OPERATION:

- The time clock supplies control power for constant fan operation during occupied period. The time clock allows the O.A. economizer dampers to function during the occupied cycle.
- The "Operating Mode" selector switch should be manually positioned to provide cooling, ventilation only, or heating.
- When switched to "Heat", the heating thermostat (T_H) will cycle the gas burner. During "Un-occupied" periods when the time clock has the supply fan off, low limit nite stat (T_N) shall bring on the burner and the fan, if temperature drops to 55-deg.F. The burner shall be interlocked such that the gas cycle will fire only if the fan is running.
- When switched to "Vent", the fan runs, and the economizer damper system cycles; no heating or cooling operates.
- When switched to cool, the two-stage cooling stat (T_C) shall sequence on the air washer water pump (Stage 2) and the indirect cooler pump and fan (Stage 1). The O.A. damper goes to full open (and the return damper full closed) on a call for cooling.
- The economizer dampers shall cycle to bring in O.A. during cool weather, cooling the mixed air to 65-deg.F (controlled by T-1). They will function only when the fan is running. A minimum O.A. setting will be part of the damper motor. As the outdoor air damper is cycled gradually open, the relief fan will cycle on at 65 O.A. Two fans sequence on in series for Unit (AC-5).
- The firestat (T-2) shall shut down the fan if the R.A. temperature reaches 160-deg.F.
- Lo volume shall be used for heating. Hi volume should be used for cooling. Hi or lo volume may be used for ventilation. During cold weather, the volume switch should be kept in the low position.



TYPICAL AIR HANDLING UNIT DETAIL

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

NOTES: (AIR HANDLER CONTROLS)

- This diagram is schematic only, intended to identify operation sequence. Actual wiring shall be accomplished in accordance with the HVAC manufacturer's diagrams.
- All safety devices such as float switches, relays, etc. shall be furnished and installed in accordance with the HVAC manufacturer's recommendations.
- Each control device shall have a label (epoxy glued or bolted to device).
- Interlock relief fans such that they sequence from end switches on damper operator.
- Interlock the furnace gas burner to cycle on only when the supply fan is running.
- Furnish low limit float switches (McDonnell-Miller quality level) to be wired in series with each water pump.
- Interlock the economizer damper cycle to function only when supply fan is running and to shut-off economizer during un-occupied periods (2nd set of contacts in time clock).
- Two (2) of the relief-exhaust fans shall be switches to allow occupants to use them for room exhaust as well as relief discharge. These are:
Fan (EF-6) operating with unit (AC-5).
Fan (EF-7) operating with unit (AC-5).
These "ON-AUTO" switches shall be wall mounted in the rooms the fans exhaust from.

- Carefully group all controls in a typical orderly arrangement for each unit. Submit scale layout of each control wall grouping for Architect's approval and then see that electrical rough-in work follows the proper pattern. The subcontractors can see a typical installation of this type at the recently built Northeast Heights Police Substation.

HVAC UNIT	RELIEF AIR FANS
(AC-1)	(EF-8)
(AC-2)	(EF-9)
(AC-3)	(EF-10)
(AC-4)	(EF-11)
(AC-5)	(EF-6) & (EF-7)

ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

DETAILS

THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS

DATE:
NOVEMBER 1988

SHEET #

M-2

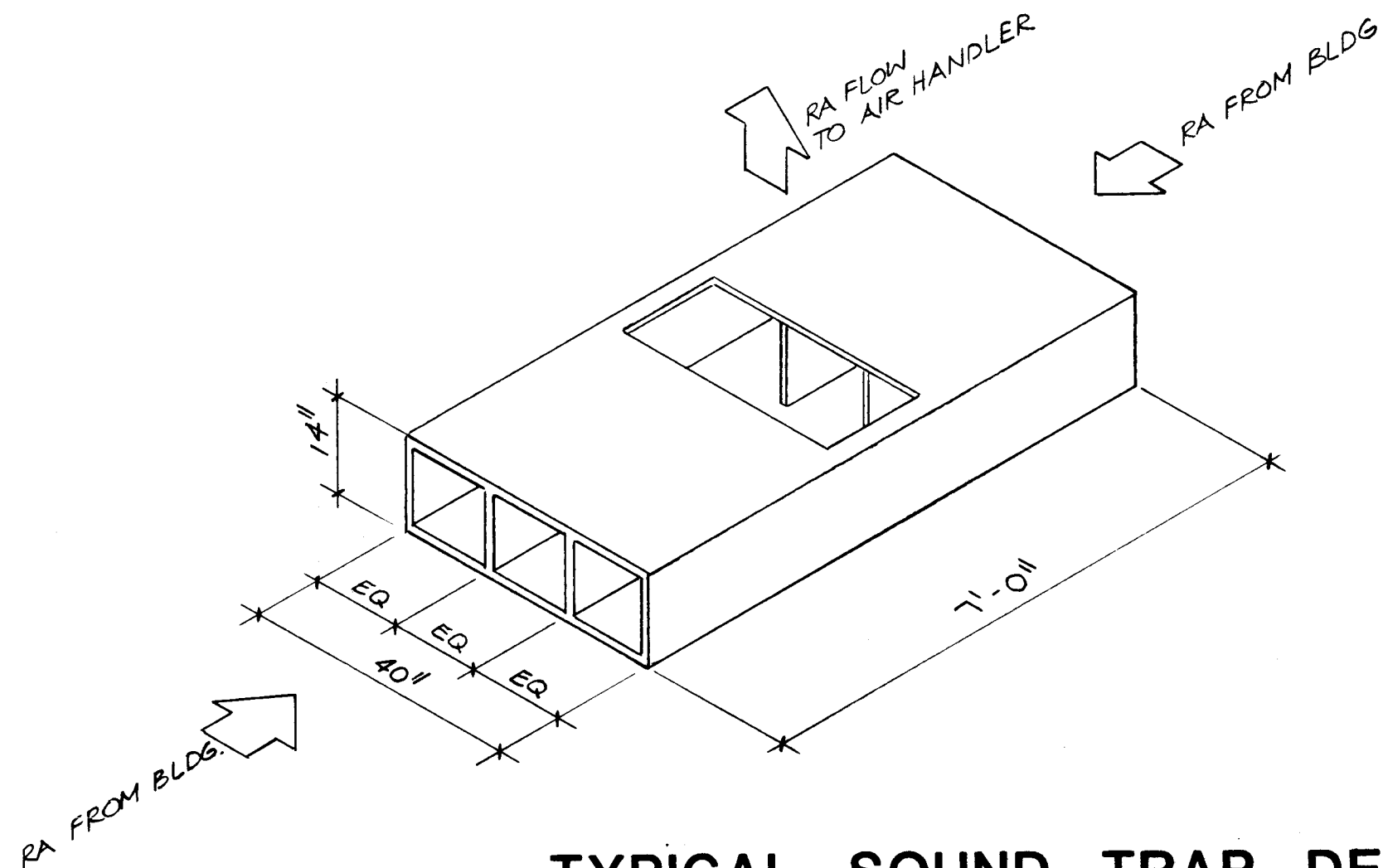


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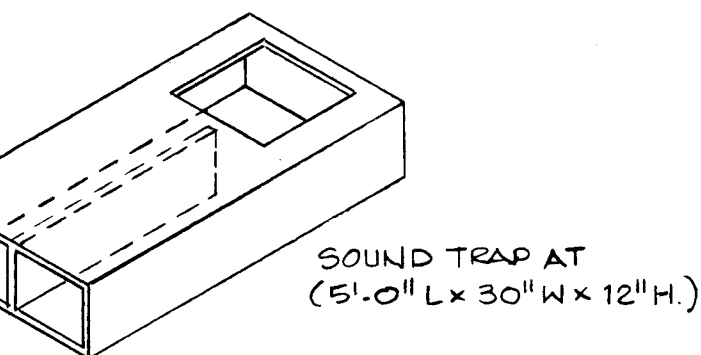
301 GOLD AVENUE SUITE 104 ALBUQUERQUE, NM 87102

MECHANICAL EQUIPMENT SCHEDULE						
SYMBOL	DESCRIPTION					
1 thru 5	HEATING AND COOLING UNIT: Complete factory fabricated assembly including outside air intake cowl with screen, mixing box with dampers (RUSKIN CD-50), 2" filter rack with renewable media and permanent filter frames, indirect heat exchanger cooling assembly (with fan, louvers, screens, filters, pump, piping, double walled welded basin, heat exchanger, etc.) natural gas fired stainless steel furnace section complete with AGA approved controls (orificed for operation at 5000' elevation), deep cell air washer section (complete with media, pump, piping, double walled welded basin), supply air fan section with centrifugal AMCA rated fan, adjustable V-belt drive, spring vibration isolator base assembly, fan motor, top horizontal discharge arrangement; furnish complete pre-wired control system using proportioning devices (HONEYWELL Series 90). See Control Schematic Diagrams with Sequence of Operation for control functions. Each cabinet section of the unit shall be insulated (1-1/2" fiberglass interior rigid material). Each section shall have conveniently sized and positioned, hinged, double wall access doors with latches. Furnish steel roof base frame assembly. The manufacturer's field engineer shall supervise the installation, direct the electrical subcontractor's effort to assure proper wiring connections, start-up, test units and submit typed report, with features equal to or better than noted in this Specification. See details for further information. Electric power shall be 240v-1ph-60cy. The indirect cooler shall cool from 96°F db to 86°F db, the air washer from 86°F db and 61 °F wb to 64 °F db. The unit shall be completely waterproofed and factory leak tested. Furnish all motor starters, controllers, relays, fusible disconnects, etc. Provide (2) years complete warranty and (2) years water treatment (chemical feeder and bleed control). FACE, SUN or AZTEC units will be approved. Provide all specified features. Each unit shall have volume control capability furnished which shall include dial (with set position for low volume and high volume air flow). The equipment supplier will furnish the controls subcontractor work effort as part of this subcontract. No switches or control devices shall be exposed to the outdoor weather, furnish weatherproof enclosed panel with hinged and latched door.					
SYMBOL	HI SPEED *CFM AT "E" ESP	SUPPLY FAN HP (MIN.) (240v-1ph)	FAN HP (120v-1ph)	(FURNACE) BTUH SEA LEVEL INPUT RATING		
1	2000 @ .45"	3	1/2	150,000		
2	3000 @ .55"	3	1/2	150,000		
3	4000 @ .55"	3	1/2	200,000		
4	3400 @ .45"	3	1/2	150,000		
5	3500 @ .55"	3	1/2	150,000		
SYMBOL	WEIGHT	ZONE	(SUPPLY FAN @ HI-SPD) INTERLOCK WITH	WATER PUMPS (HP) DIRECT INDIRECT		
1	6000	3	11 & 12	1/8	1/2	
2	6500	2	16	1/8	1/2	
3	6500	1	15	1/8	1/2	
4	6500	4	13	1/8	1/2	
5	6500	5	14	1/8	1/2	
6 thru 16	EXHAUST FAN: Weatherproof low profile fan for roof mounting on curb, aluminum construction, furnish with unit mounted disconnect, anti-backdraft damper, birdscreen, adjustable V-belt drive, hinged hood, AMCA rated, 120v-1ph-60cy. GREENHECK Series.					
SYMBOL	MODEL	CFM @ "TSP"	(MIN.) HP	(APPROX.) RPM	EXHAUST DUTY	
6	LB-10	350 @ .375"	1/4	900	TOILET 103 & 104	
7*	LD-80-G	150 @ .375"	1/30	1300	ARMORY 112	
8	LB-10	400 @ .25"	1/4	900	OFFICERS LOUNGE 114	
9	LB-14	950 @ .375"	1/4	810	TOILET 116 & 117	
10	LB-10	550 @ .25"	1/4	900	STAFF CONFERENCE 110	
11	LB-14	1000 @ .25"	1/4	725	BRIEFING ROOM 126	
12	LB-14	1000 @ .25"	1/4	765	BRIEFING ROOM 126	
13	LB-14	1400 @ .25"	1/4	900	RELIEF FAN 4	
14	LB-14	1400 @ .25"	1/4	900	RELIEF FAN 5	
15	LB-14	1400 @ .25"	1/4	900	RELIEF FAN 3	
16	LB-14	1400 @ .25"	1/4	900	RELIEF FAN 2	
17*	LD-65-G	95 @ .25"	1/60	1300	SHOWERS 16A & 17A	
Note: Exhaust Fan 1 and 17 are to be direct drive. Exhaust fan 17 is to be furnished with an explosion-proof motor, non-sparking fan wheel, vented out of the airstream.						

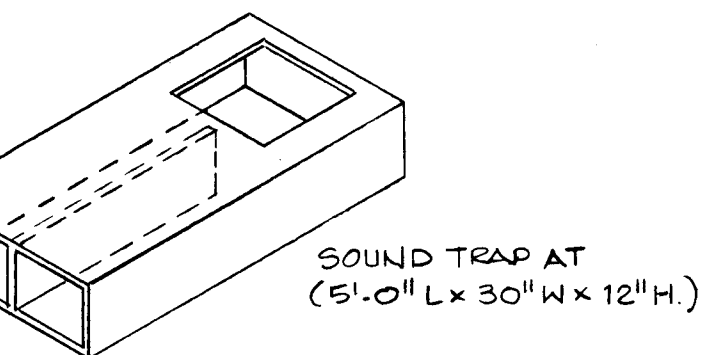
Note: Exhaust Fan 7 and 17 are to be direct drive. Exhaust fan 17 is to be furnished with an explosion-proof motor, non-sparking fan wheel, vented out of the airstream.



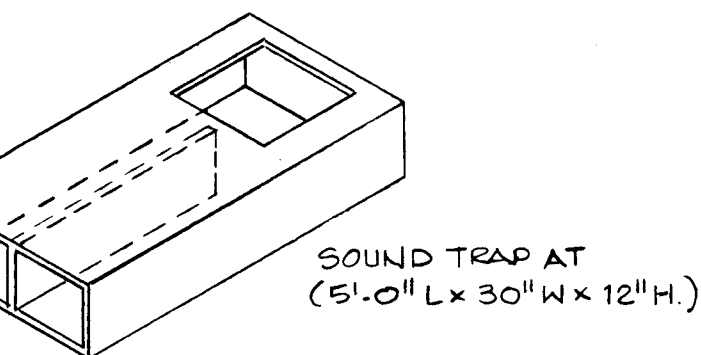
TYPICAL SOUND TRAP DETAIL
NO SCALE



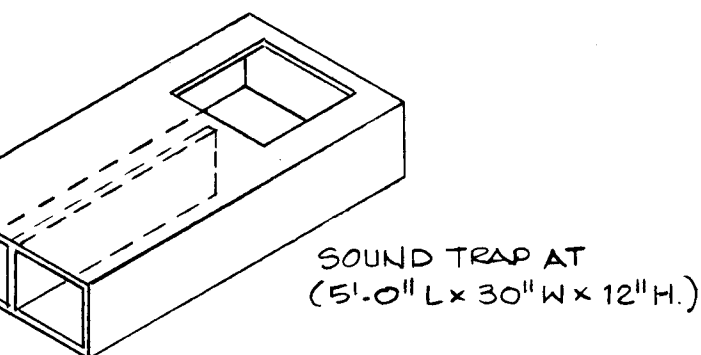
SOUND TRAP AT (5'-0" L x 30" W x 12" H.)



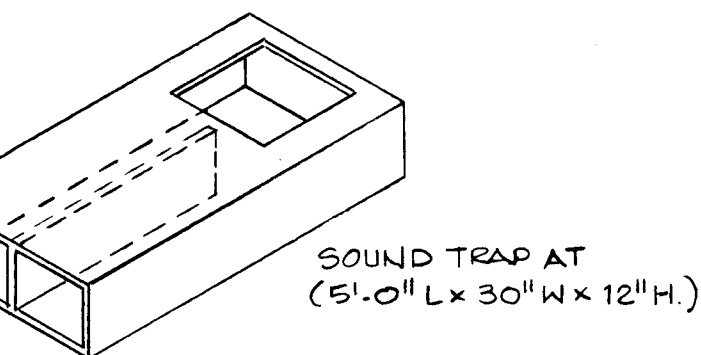
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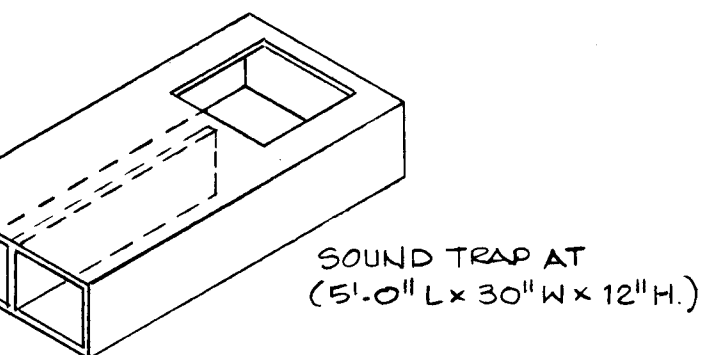
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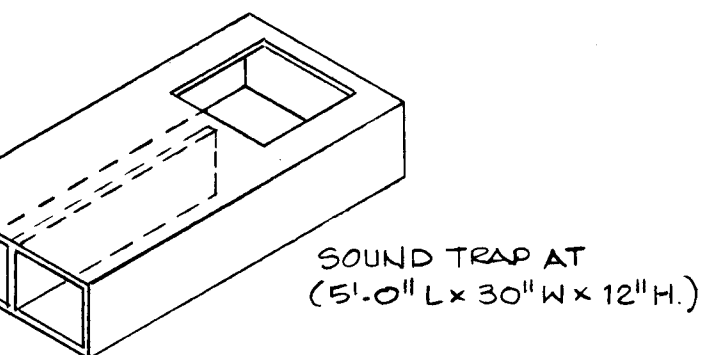
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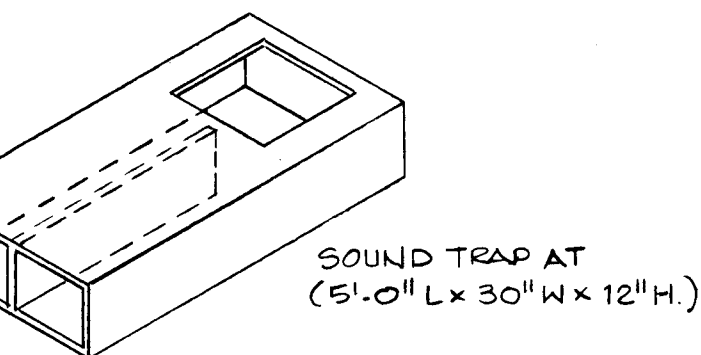
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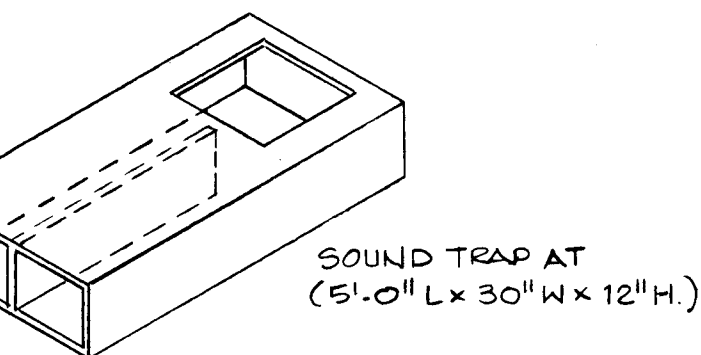
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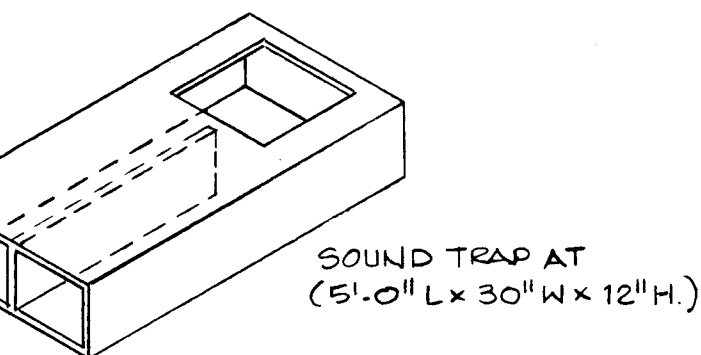
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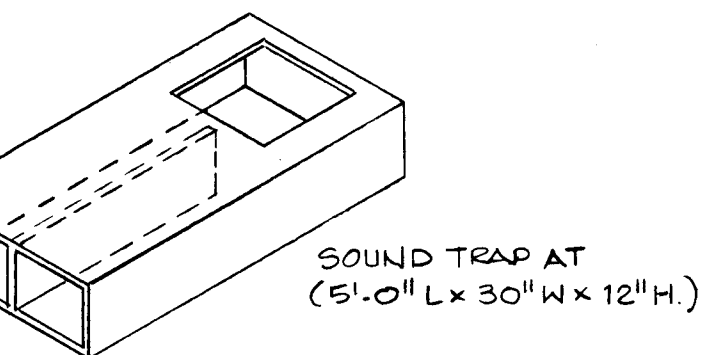
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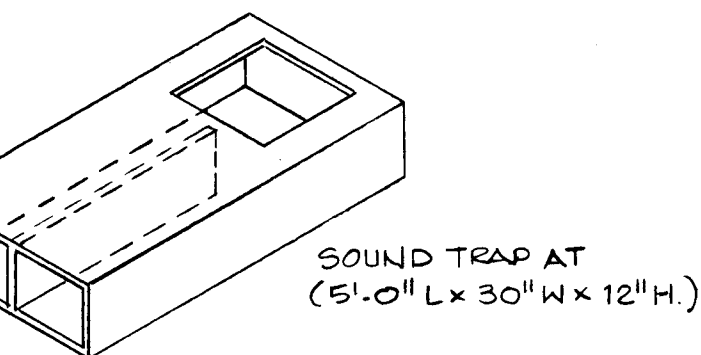
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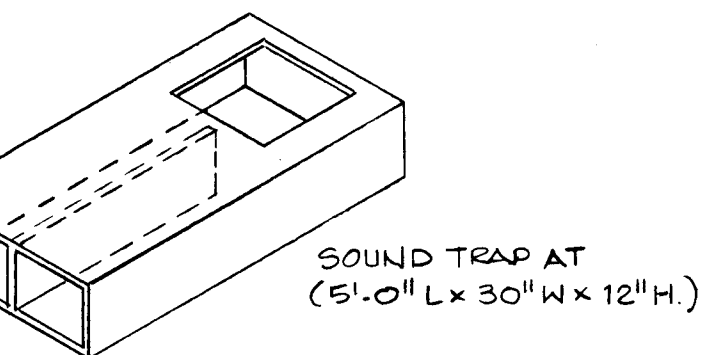
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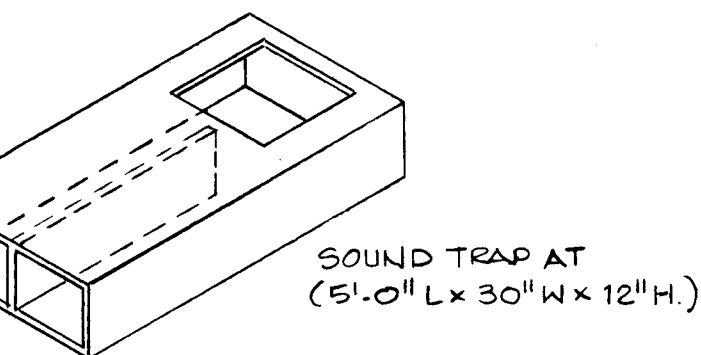
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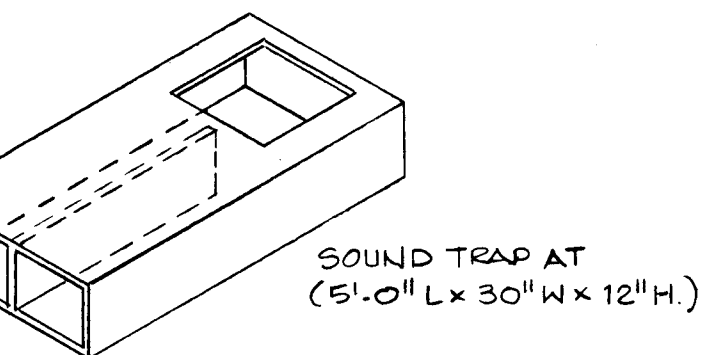
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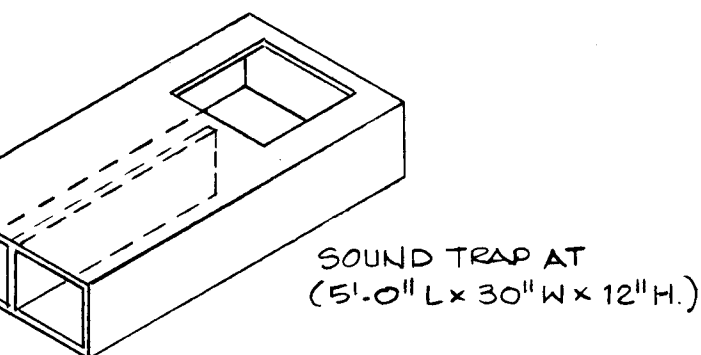
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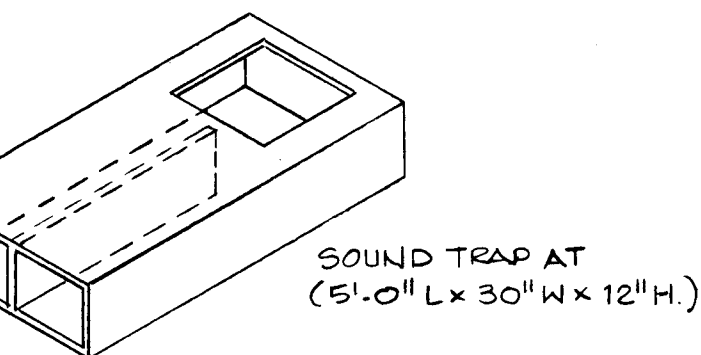
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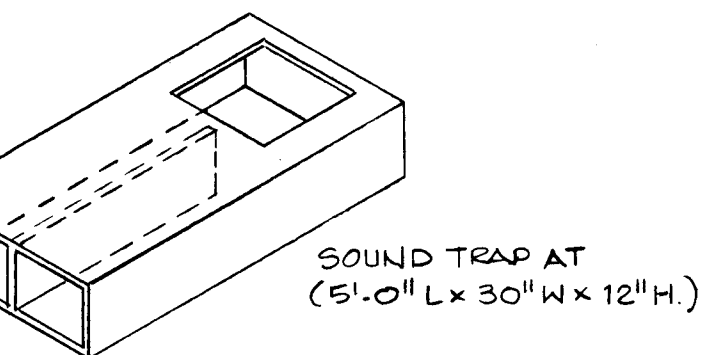
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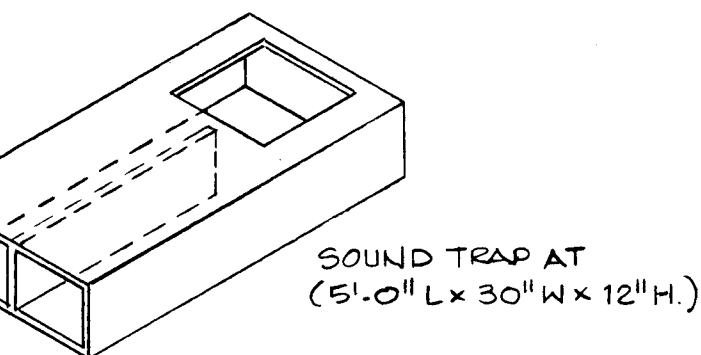
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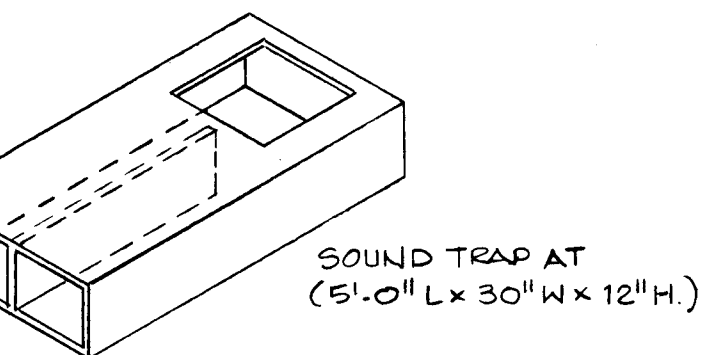
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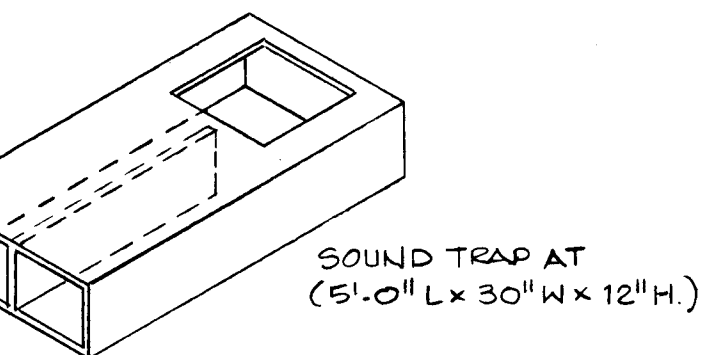
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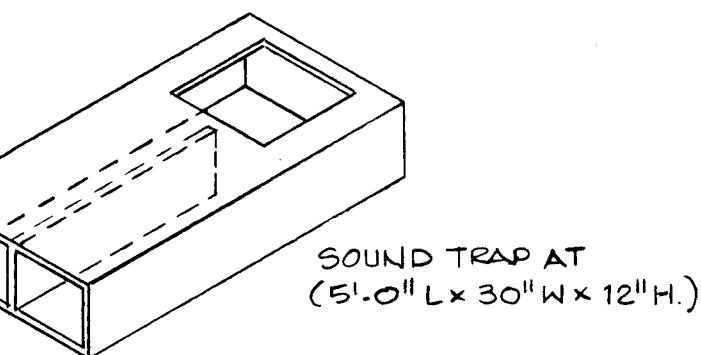
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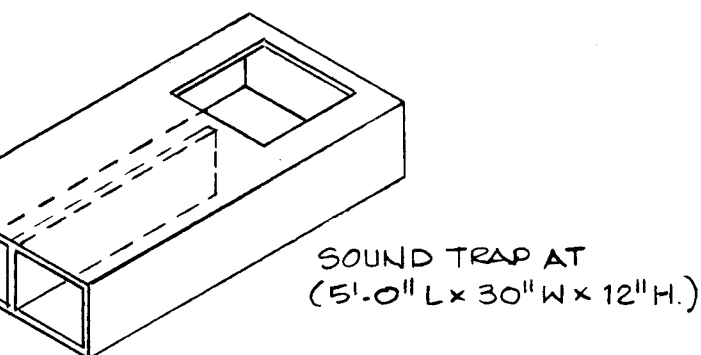
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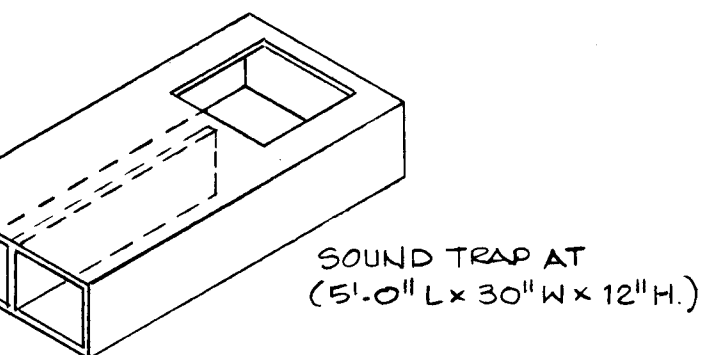
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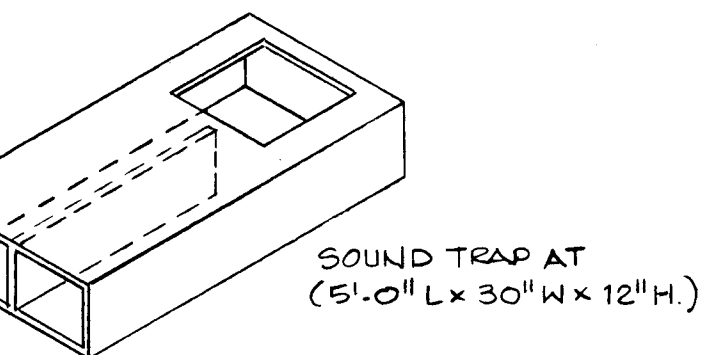
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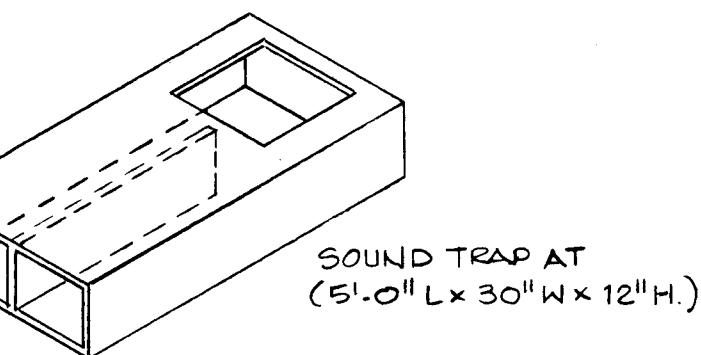
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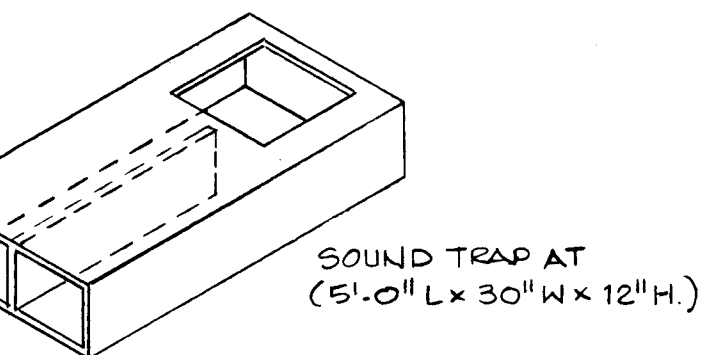
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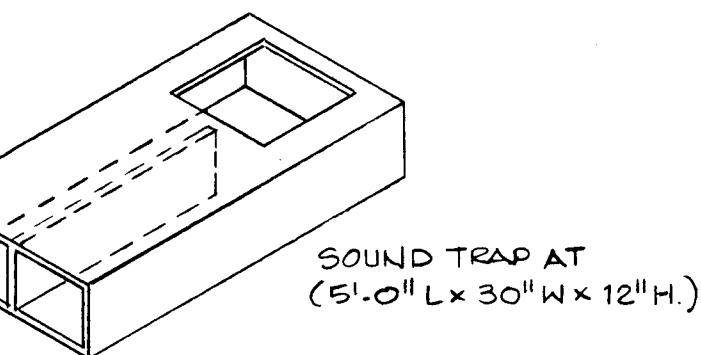
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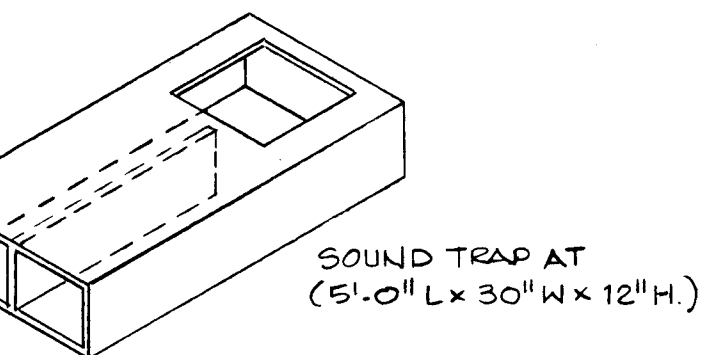
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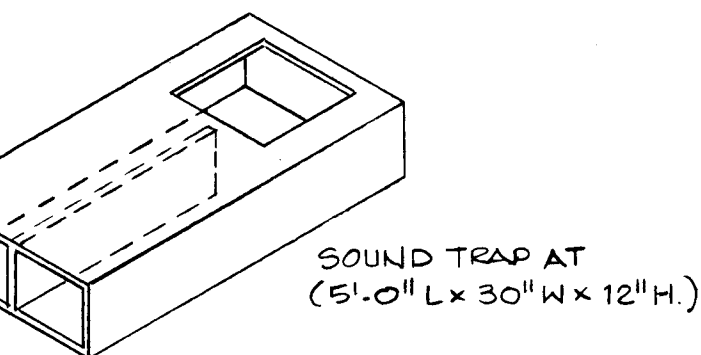
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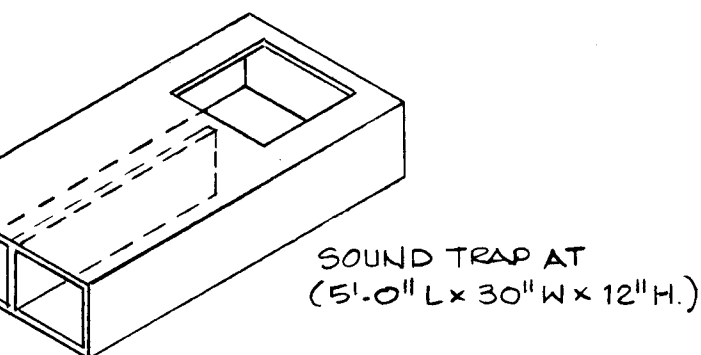
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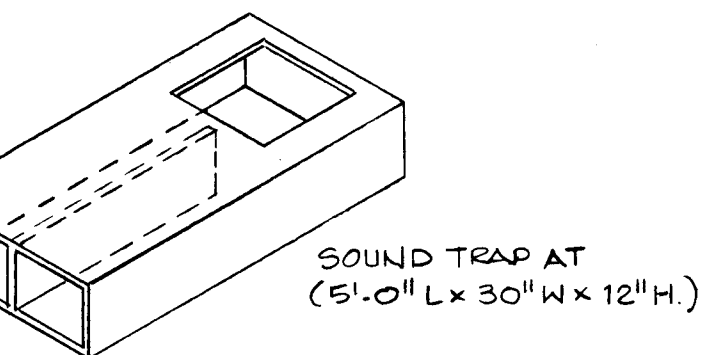
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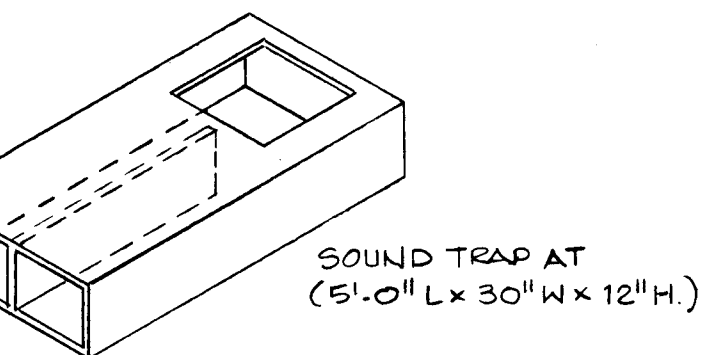
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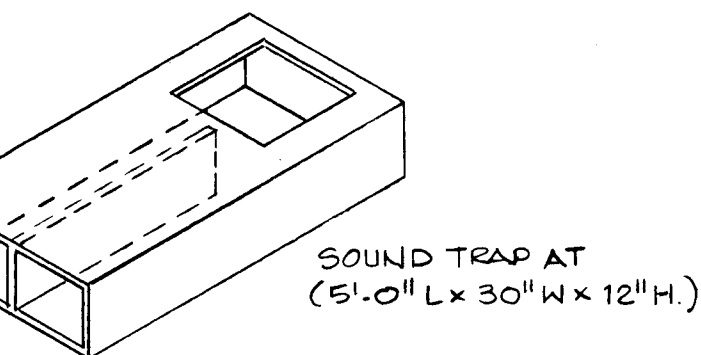
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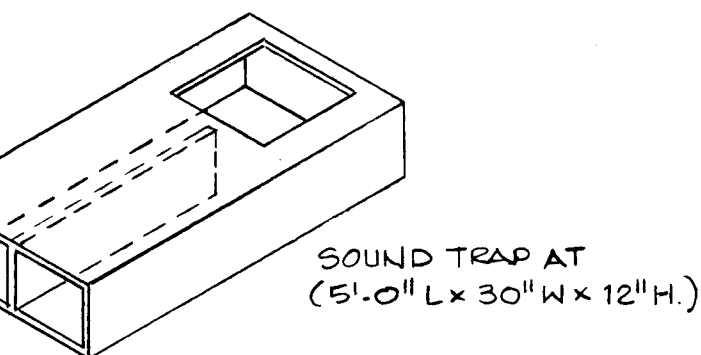
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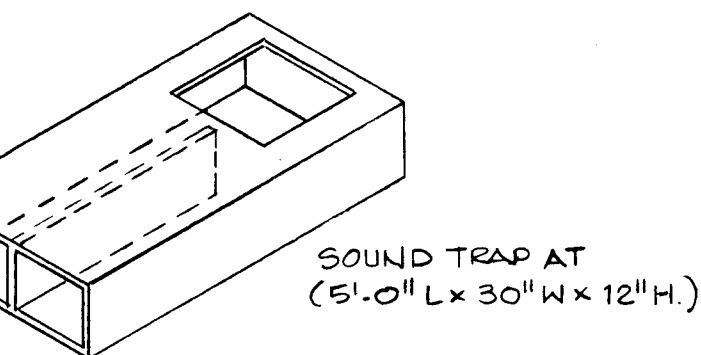
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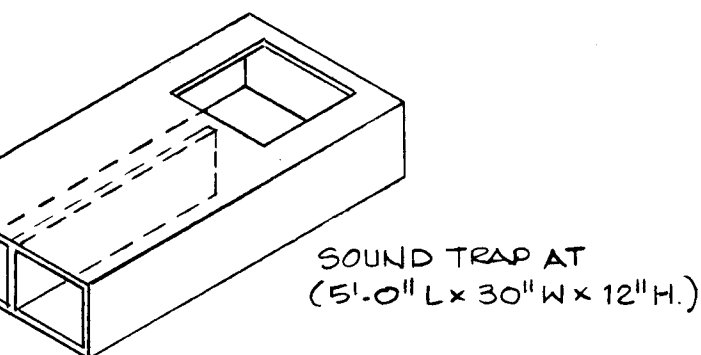
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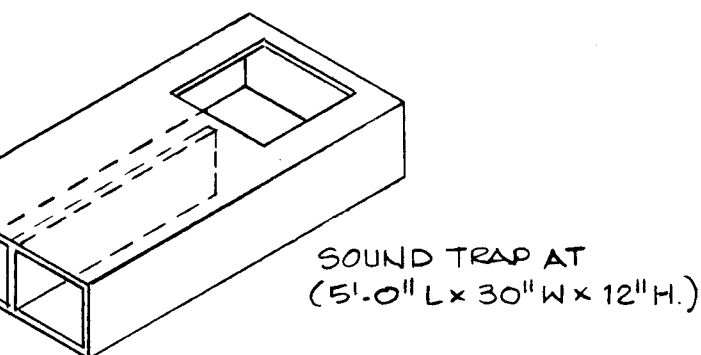
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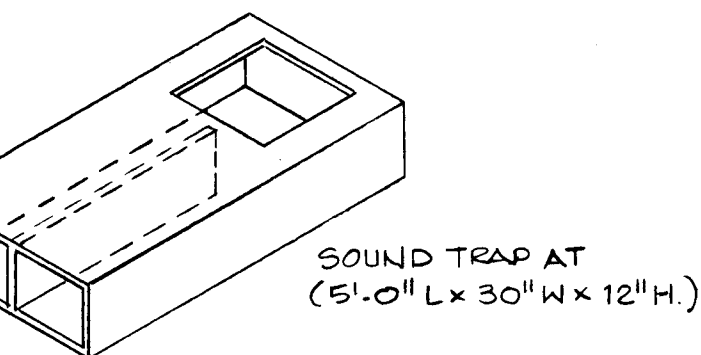
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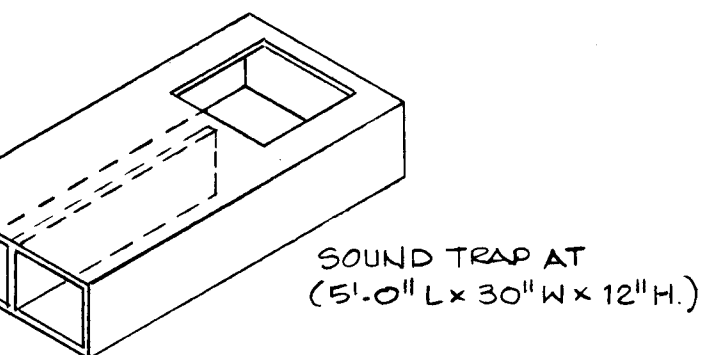
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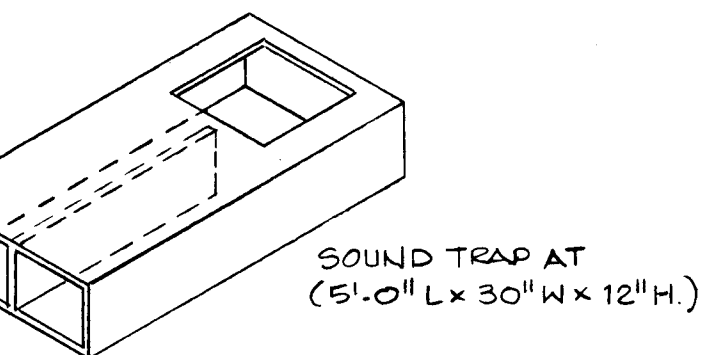
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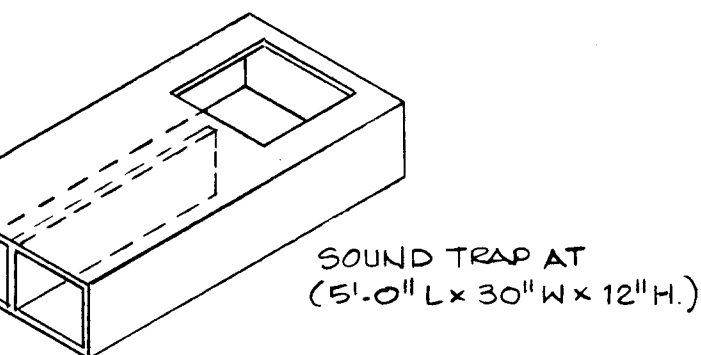
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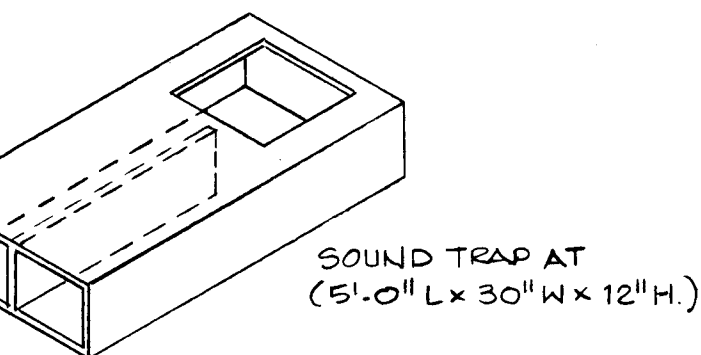
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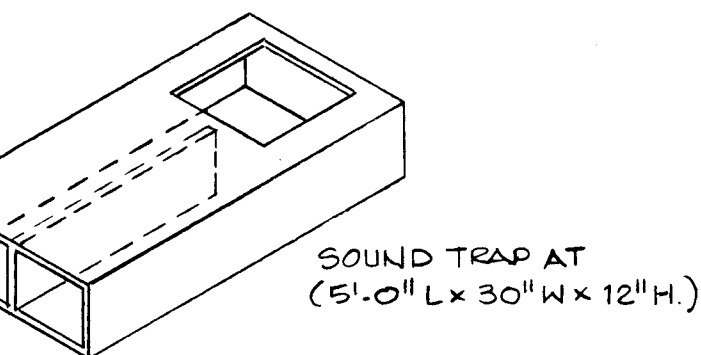
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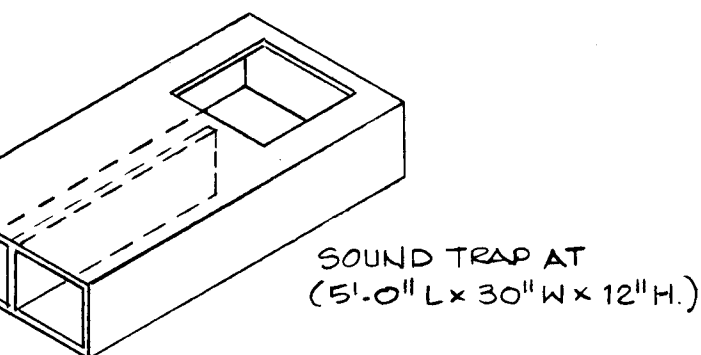
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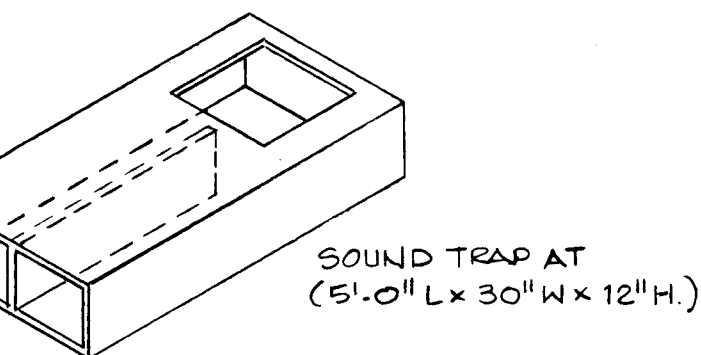
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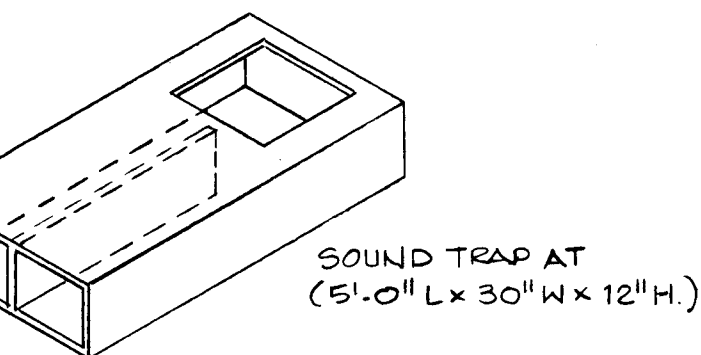
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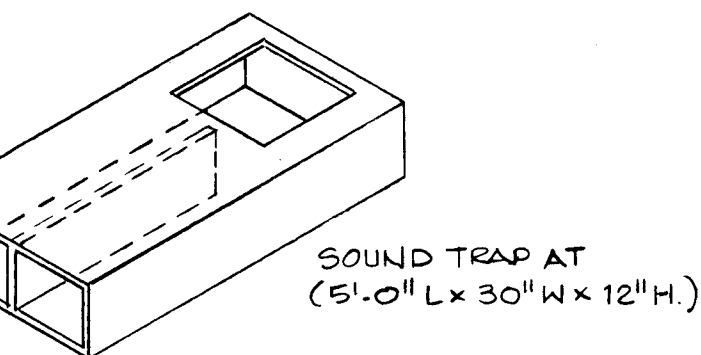
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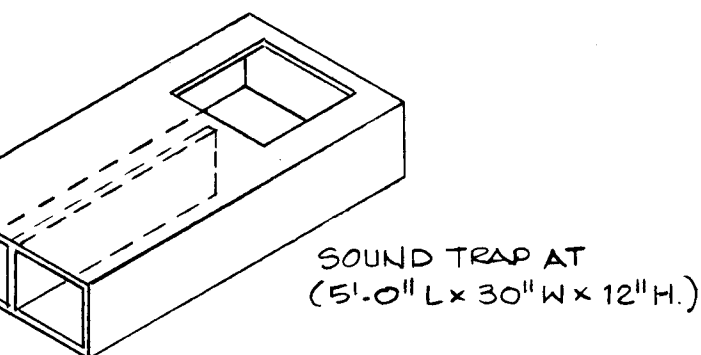
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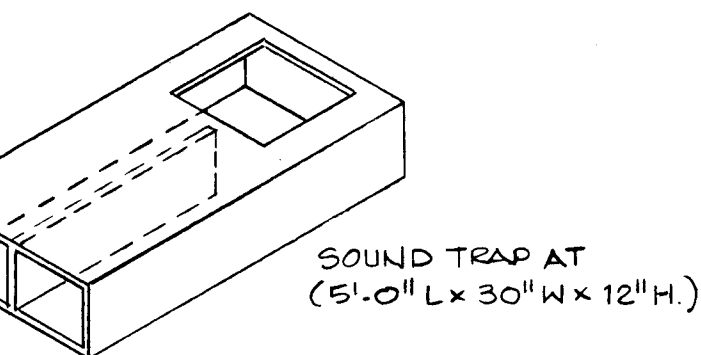
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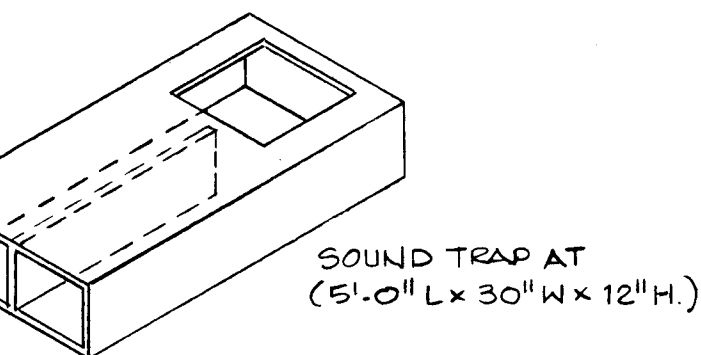
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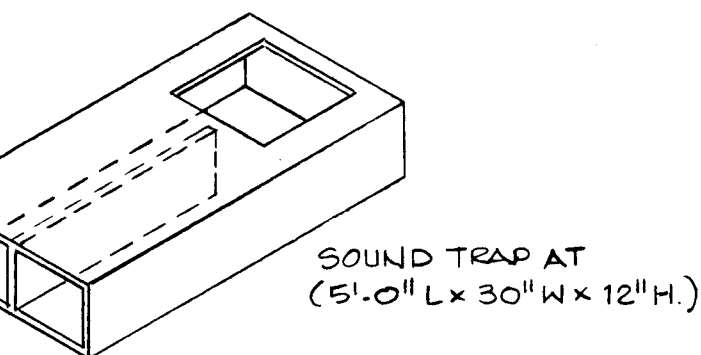
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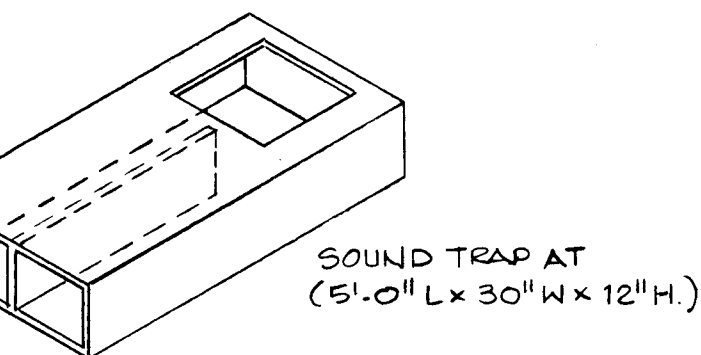
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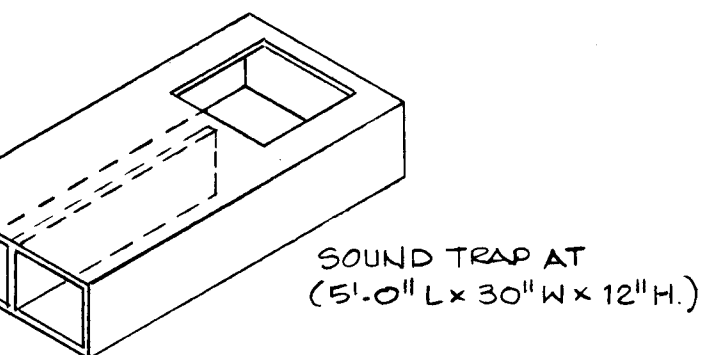
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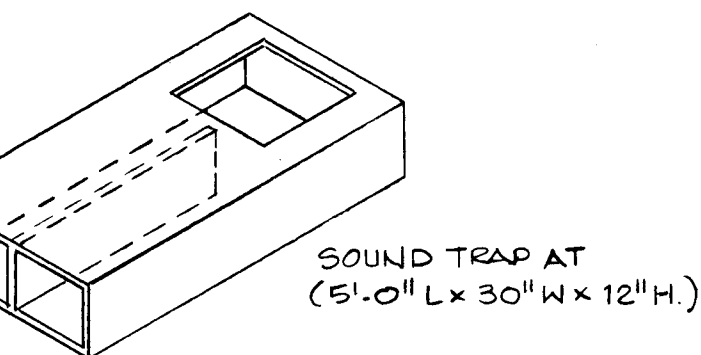
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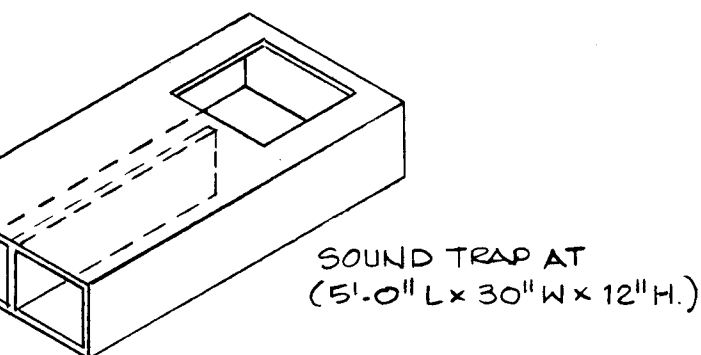
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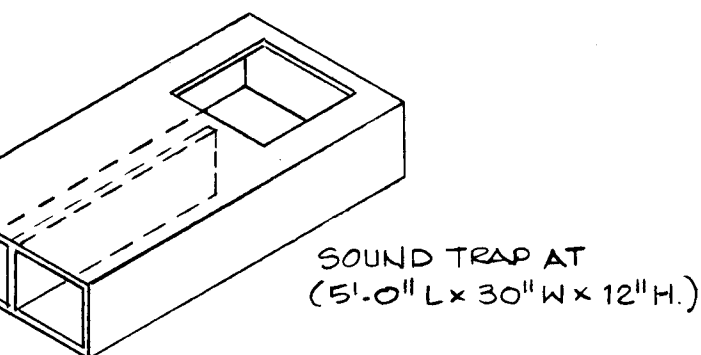
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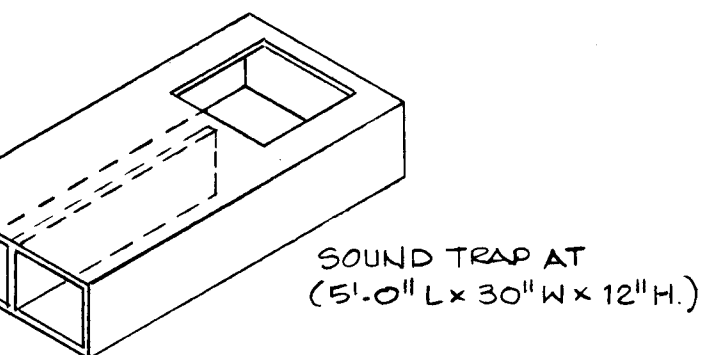
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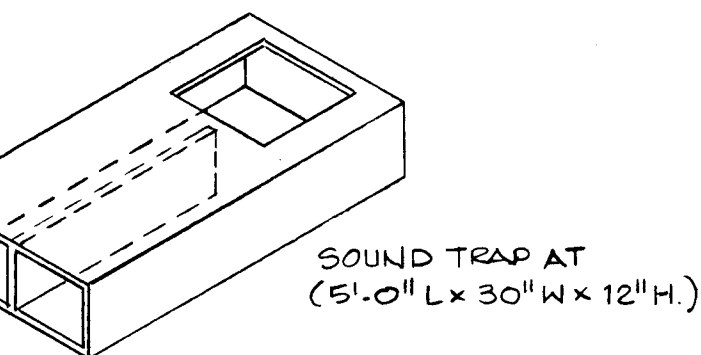
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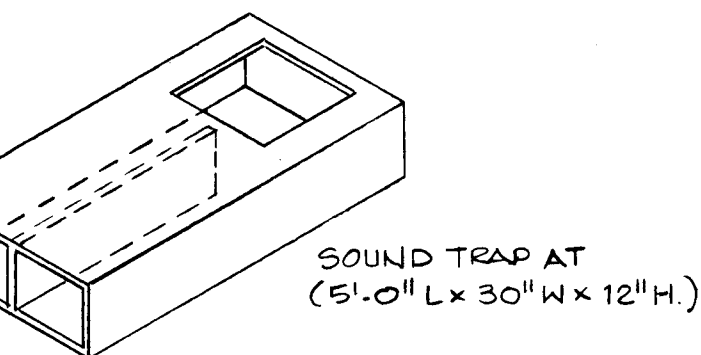
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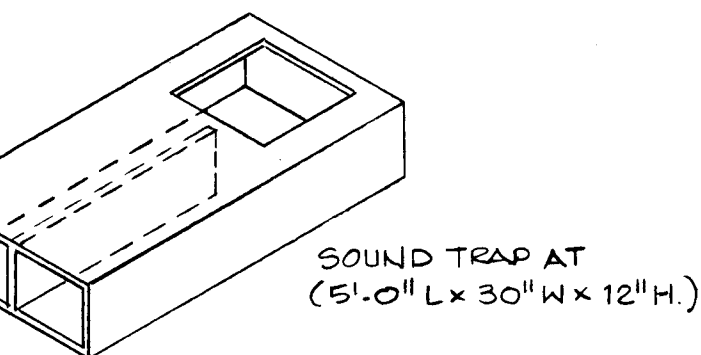
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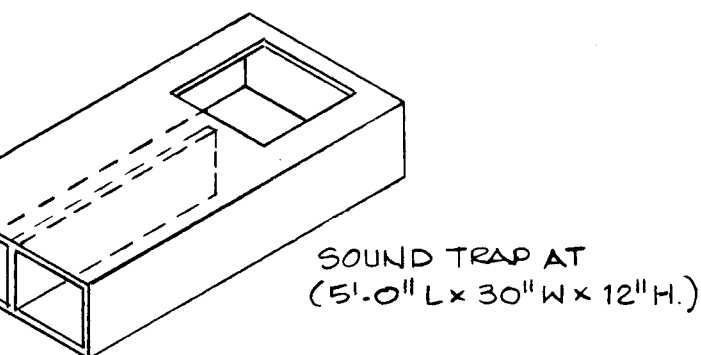
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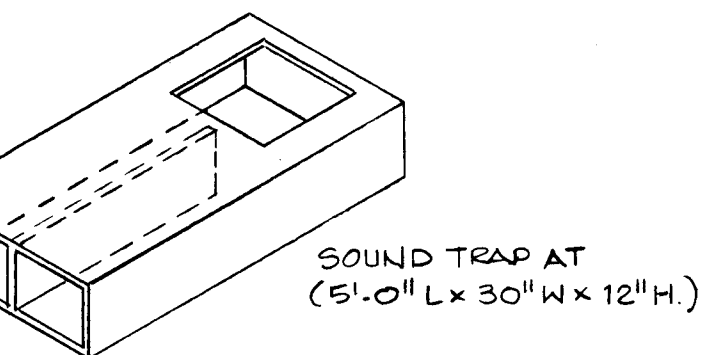
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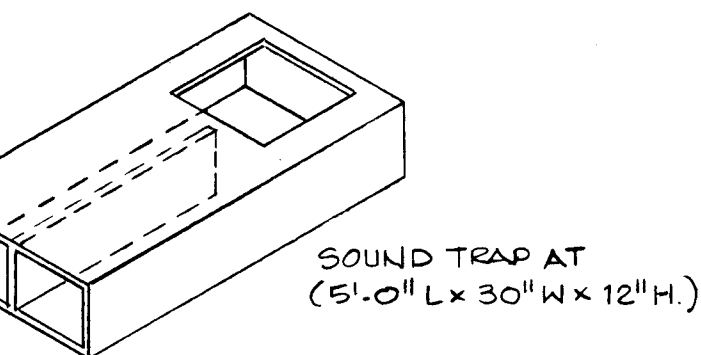
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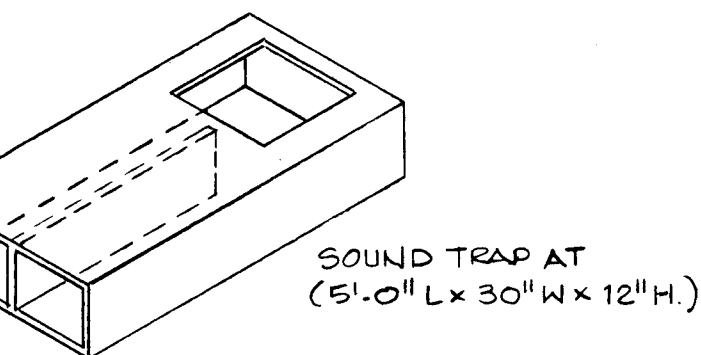
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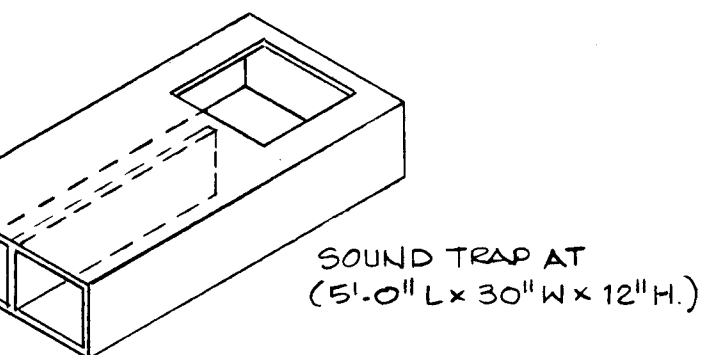
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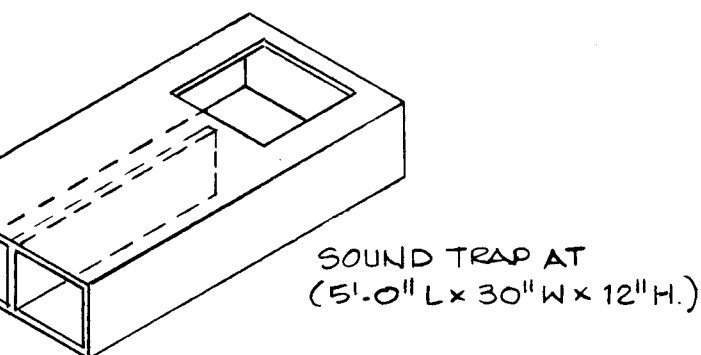
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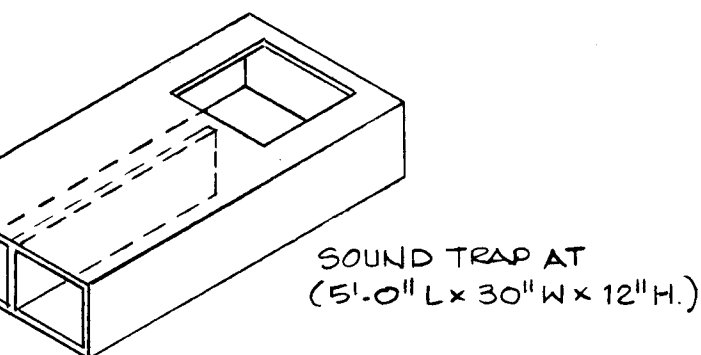
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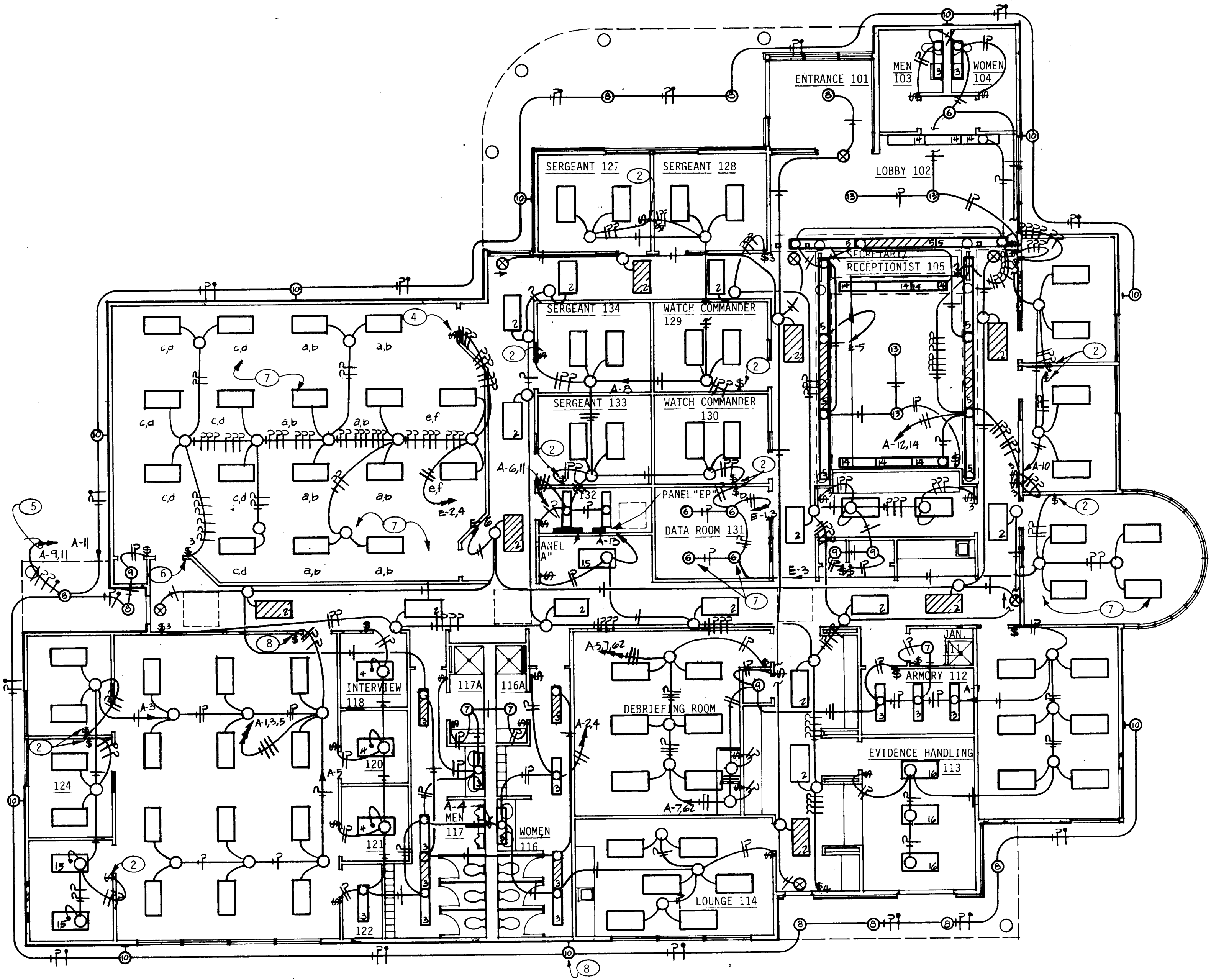


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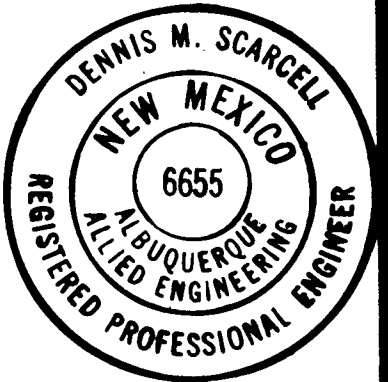
GENERAL NOTES:
1. ALL CONDUIT TO BE 1/2" EMT AND WIRE TO BE #12 THHN EXCEPT AS NOTED.



KEYED NOTES:
1. ALL FIXTURES THIS PLAN TO BE TYPE 1 UNLESS OTHERWISE NOTED.
2. TWO SWITCHES, SWITCH INSIDE AND OUTSIDE LAMPS SEPARATELY.
3. COORDINATE ACTUAL LOCATION OF LIGHT FIXTURE WITH ARCHITECTURAL CEILING PLAN.
4. 6 GANGED SWITCHES, TWO-3 WAY (c & d) AND FOUR SINGLE POLE SWITCHES (a, b, e & f). CONNECT ALL INSIDE LAMPS ON ONE CIRCUIT AND ALL OUTSIDE LAMPS ON ONE CIRCUIT.
5. RUN THRU PHOTO CELL.
6. TWO 3-WAY SWITCHES, SWITCH INSIDE AND OUTSIDE LAMPS SEPARATELY.
7. LIGHTS IN THIS AREA ARE ON EMERGENCY CIRCUIT.
8. REFER TO ARCHITECTURAL ELEVATION FOR EXACT LOCATION OF EXTERIOR FIXTURES.

LIGHTING PLAN 1 3
SCALE 1/8"=1'-0"

C of A PWD Ma
1 7 3 4 5 6 7
26 35 42 36 94



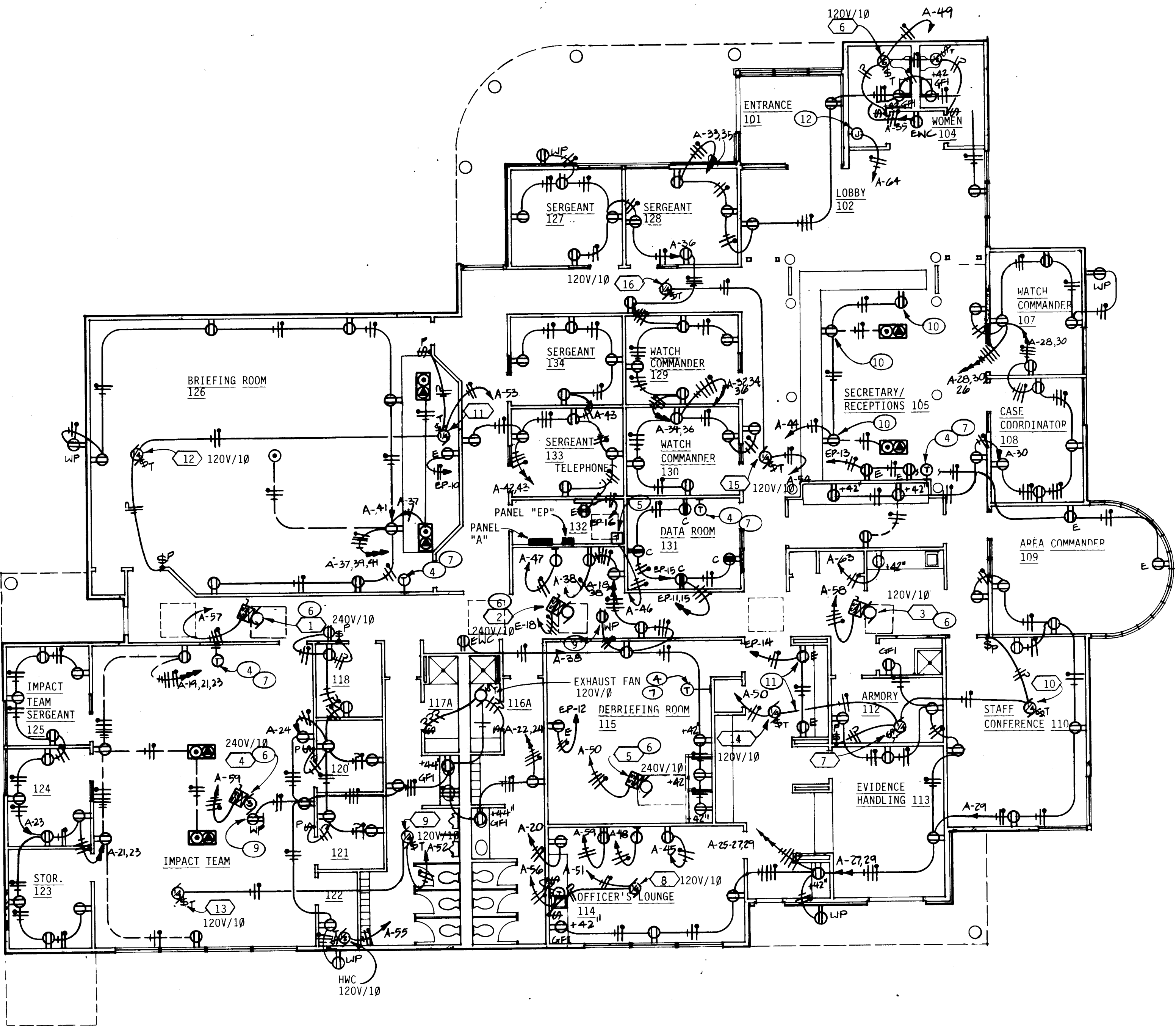
ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION	STATE OF NEW MEXICO PAT McMURRAY ALBUQUERQUE N.M. REGISTERED ARCHITECT
LIGHTING PLAN	SHEET # E-2
THE BOEHNING PARTNERSHIP ARCHITECTS & PLANNERS 341 GOLD AVENUE SW SUITE 304 ALBUQUERQUE, NM 87102	

GENERAL NOTES:

1. ALL CONDUIT TO BE 1/2" EMT AND WIRE TO BE #12 THHN EXACT AS NOTED.

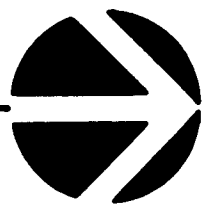
KEYED NOTES:

1. INSTALL DUPLEX OUTLET (RED FACE EMERGENCY TYPE) FOR RADIO EQUIPMENT. VERIFY LOCATION WITH OWNER'S REPRESENTATIVE.
2. 4'x8'x3/4" FIRE RETARDANT PLYWOOD TELEPHONE TERMINAL BOARD. PROVIDE 1 #6 BARE CU. GROUND WIRE IN 3/4" CONDUIT TO NEAREST C.W. PIPE.
3. INSTALL WEATHERPROOF J-BOX FOR SIGN, VERIFY EXACT LOCATION WITH ARCHITECT.
4. THERMOSTAT/CONTROL STATION FOR HEATING AND COOLING UNIT INDICATED AND ASSOCIATED EXHAUST FAN(S), ELECTRICAL CONTRACTOR TO MAKE ALL CONNECTIONS AND PROVIDE ALL WIRING AND CONDUIT FOR ALL MECHANICAL CONTROLS. ELECTRICAL CONTRACTOR TO COORDINATE CAREFULLY WITH MECHANICAL CONTROLS AND EQUIPMENT SUPPLIER TO PROVIDE ALL ELECTRICAL WORK REQUIRED. REFER TO SPECIFIC SECTION 15920 FOR ELECTRICAL REQUIREMENTS.
5. ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL A TOTAL OF 5-7 DAY TIME CLOCKS (24 HOUR PLUS 12 HOUR SPRING PRESSURE) FOR HEATING AND COOLING UNITS (1) THRU (5) SEE MECHANICAL PLANS FOR SCHEMATIC CONTROL DRAWINGS.
6. HEATING AND COOLING UNIT ON ROOF, 3 H.P. SUPPLY FAN, 240V/1Ø; 1/2H.P. * 1/2H.P., 120V/1Ø, UNIT FURNISHED WITH STARTER, CONTROLLER, RELAYS, FUSIBLE DISCONNECT SWITCH, ETC.. MAKE CONNECTIONS AS REQUIRED.
7. THERMOSTAT LOCATION MEANS LOCATION OF COMPLETE CONTROLS. CONTROLS INCLUDE HEATING THERMOSTAT, COOLING THERMOSTAT, AIR VOLUME SELECTOR, MODE SELECTION SWITCH, AND NITE THERMOSTAT. SEE CONTROL DIAGRAMS FOR MORE COMPLETE EXPLANATION.
8. THE EQUIPMENT SUPPLIER FOR UNITS (1) THRU (5) SHALL FURNISH INTERLOCK WIRING DIAGRAMS TO THE ELECTRICAL SUB CONTRACTOR SHOWING ALL REQUIRED EXTERNAL WIRING CONNECTING THE CONTROL DEVICES. SEE SHEET M- FOR SCHEMATIC CONTROL DIAGRAM AND SPECIFICATION SECTION 15970.
9. RECEPTACLE MOUNTED ON ROOF BY A/C UNIT. MOUNT WEATHER PROOF BOX WITH UNISTRUT TO AC UNIT.
10. COORDINATE EXACT LOCATION OF RECEPTACLE WITH CASEWORK INSTALLER.
11. INSTALL DUPLEX OUTLET FOR RADIO EQUIPMENT, VERIFY LOCATION WITH OWNERS REPRESENTATIVE.
12. PROVIDE CONNECTIONS TO ELECTRIC HOT WATER HEATER, VERIFY LOCATION WITH MECHANICAL (1500 WATTS MAX, 120V/1Ø).



POWER PLAN

SCALE 1/8"=1'-0"



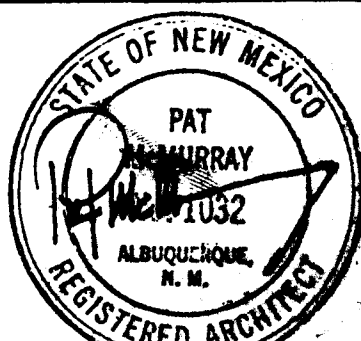
C of A PWD Maps
1 2 3 4 5 6 7 8
26 35 42 3 7 9 4



ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

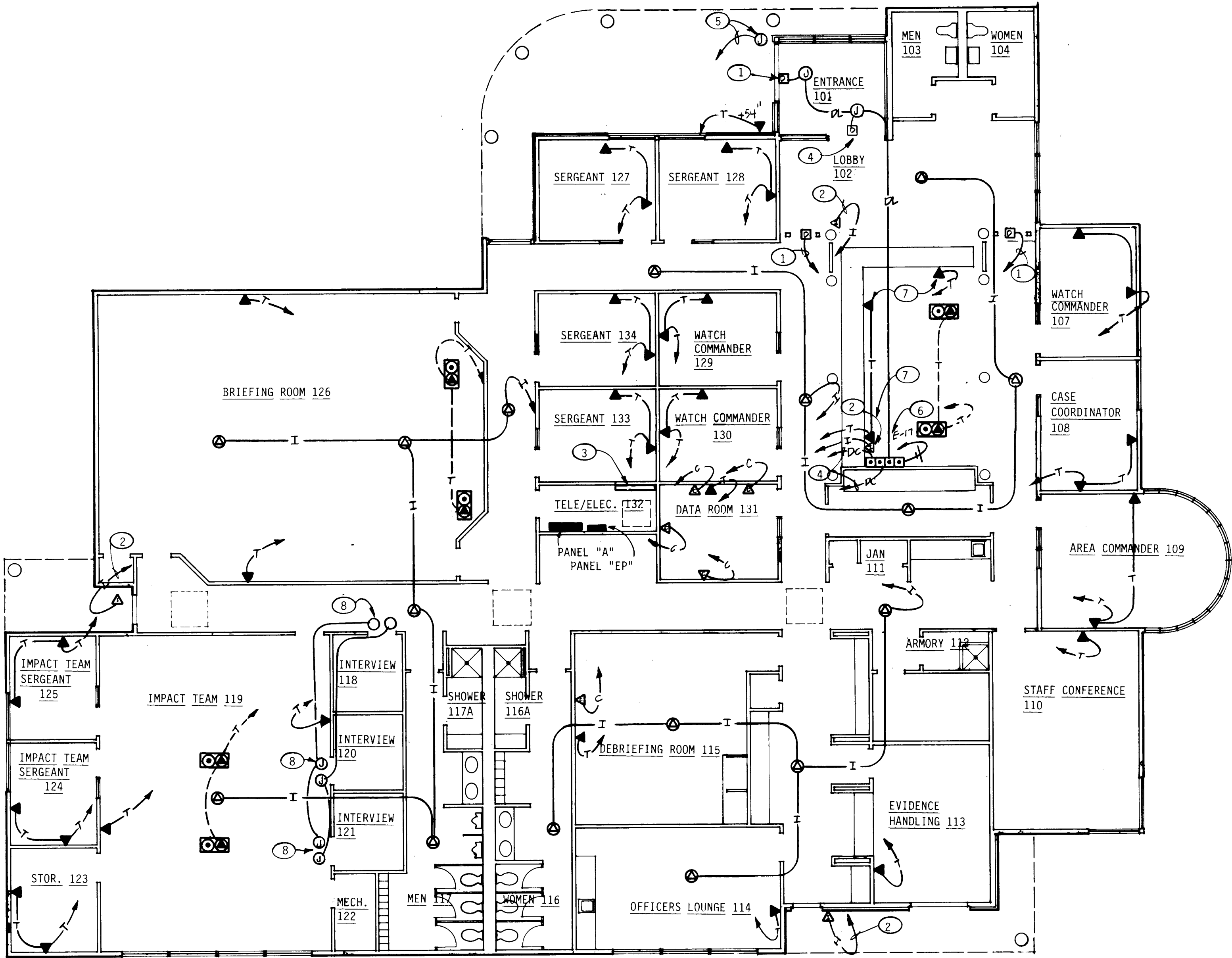
POWER PLAN

THE BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS
301 GOLD AVENUE SW SUITE 104 ALBUQUERQUE, NM 87102



DATE:
NOVEMBER 1990
SHEET
E-3

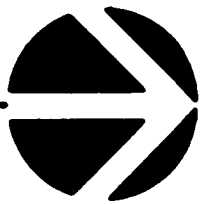
- GENERAL NOTES:
1. CONTRACTOR TO INSTALL INTERCOM/SOUND SYSTEM AND MAKE CONNECTIONS AS REQUIRED. VERIFY LOCATION WITH ARCHITECT. "RAULAND" #PR1506 WITH MICROPHONE, TRANSFORMER #R1050, SPEAKER #3902-8 AND TELEPHONE ISOLATION NETWORK #R1060 OR APPROVED EQUAL. THE ENTIRE SYSTEM TO BE ADJUSTED TO PROVIDE MAXIMUM OUTPUT WITHOUT FEED BACK. ALL ACCESSORIES NECESSARY FOR INTERCONNECTING INTERCOM SYSTEM TO TELEPHONE SYSTEM ARE TO BE INCLUDED.



- KEYED NOTES:
- 1 MAKE CONNECTIONS TO MAGNETIC DOOR HOLDER, VERIFY EXACT REQUIREMENTS.
 - 2 WIRING FOR INTERCOM BETWEEN REAR ENTRANCES AND RECEPTIONISTS DESK. VERIFY REQUIREMENTS.
 - 3 4'X8'X3/4" FIRE RETARDANT PLYWOOD TELEPHONE TERMINAL BOARD. PROVIDE 1 #6 BARE CU. GROUND WIRE IN 3/4" CONDUIT TO NEAREST CU. PIPE.
 - 4 MAKE CONNECTIONS FOR MAGNETIC DOOR HOLDER AT ENTRANCE. VERIFY EXACT REQUIREMENTS.
 - 5 INSTALL FLUSH WEATHER PROOF J-BOX FOR FUTURE CCTV SYSTEM. VERIFY LOCATION WITH OWNERS REPRESENTATIVE. EXTEND 1" CONDUIT TO ELECTRICAL ROOM.
 - 6 PROVIDE LABEL IN PUSH BUTTON INDICATING DOOR CONTROLLED, USE BLACK MACARTA WITH WHITE LETTERS.
 - 7 COORDINATE INSTALLATION OF OUTLET WITH CASEWORK INSTALLATER.
 - 8 INSTALL 2-J-BOXES ABOVE CEILING FOR FUTURE CCTV.

SPECIAL SYSTEMS PLAN

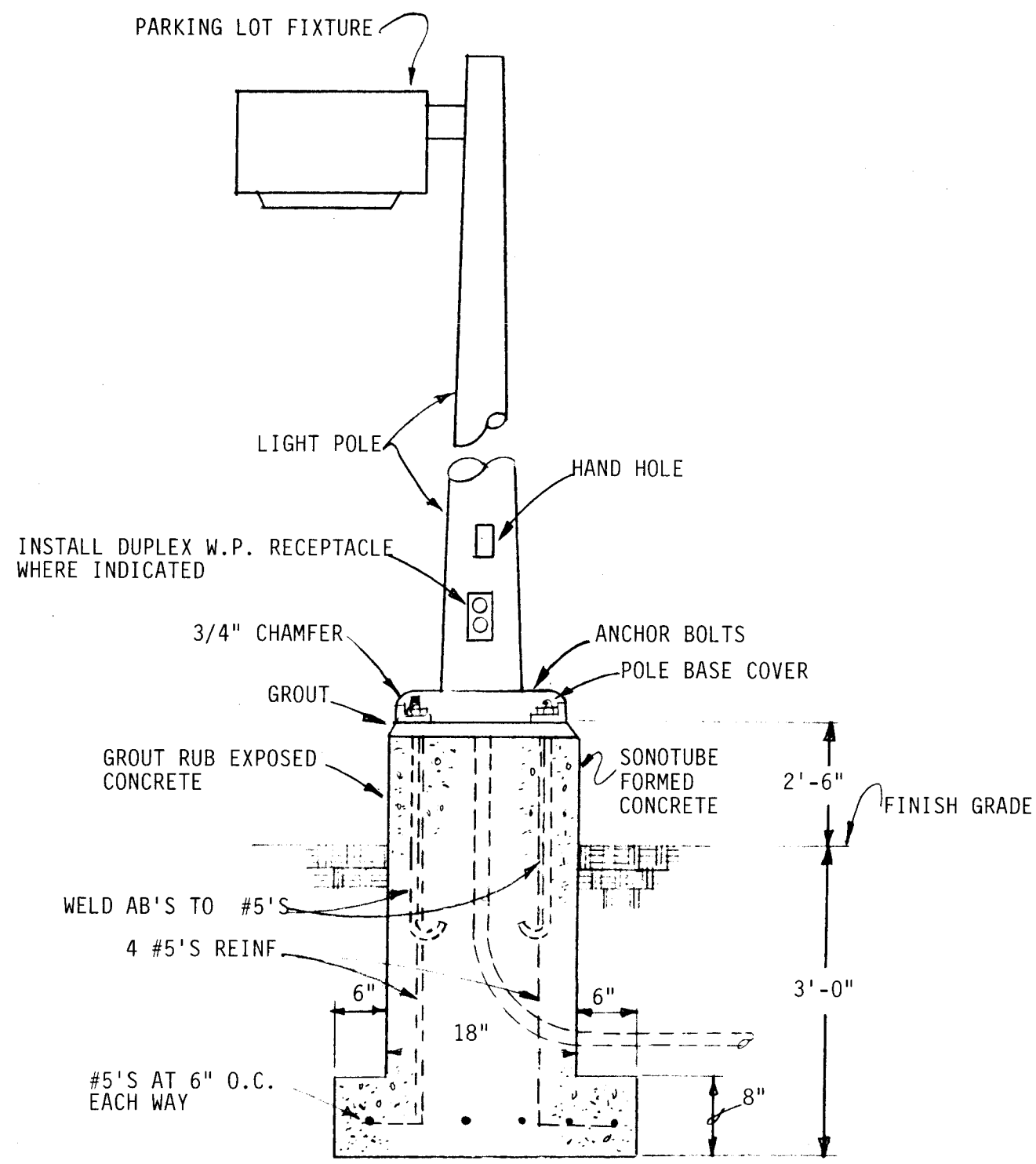
SCALE 1/8"=1'-0"



0 of A PWD Maps 8
1 2 3 4 5 6 7 8
26 35 42 3 8 9 4

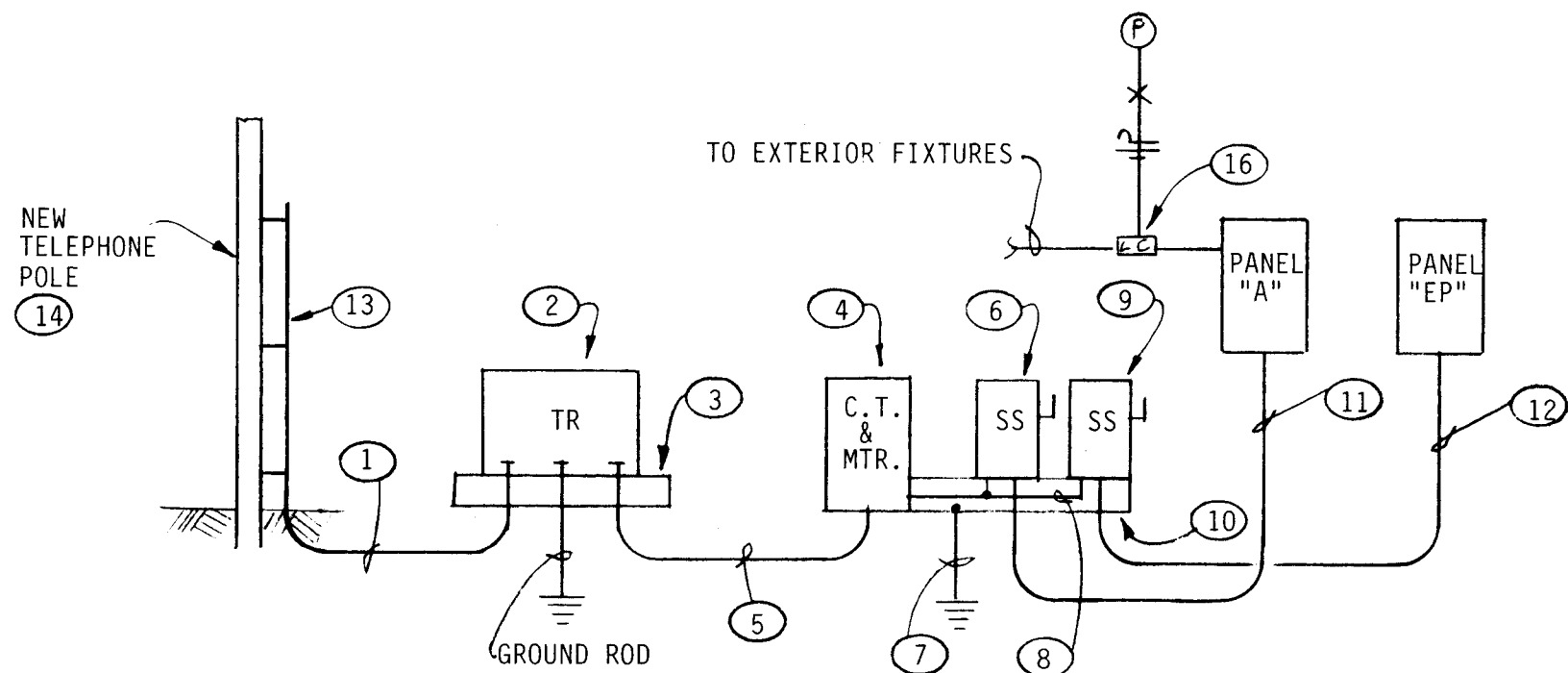


ALBUQUERQUE POLICE DEPARTMENT SOUTHEAST AREA SUBSTATION		
SPECIAL SYSTEMS PLAN		
		DATE: NOVEMBER 1999 SHEET E-4



PARKING LOT FIXTURE DETAIL

NOT TO SCALE



POWER RISER DIAGRAM

SERVICE: 120/240V, 1Ø, 3W

CONNECTED LOAD: 110 KVA
ESTIMATED DEMAND: 60 KVA

SHORT CIRCUIT STUDY		
BASED ON 75 KVA TRANSFORMER AT 1.6% IMPEDANCE, 120/240V, 1Ø, 3W.		
LOCATION	MAXIMUM S.C. AMPS	MINIMUM AIC OR BRACING
TRANSFORMER	19,531	—
MAIN SWITCH	19,531	50,000
PANEL "A"	8,000	10,000 MIN.
PANEL "EP"	3,100	10,000 MIN.

PANEL "A" (2 SECTIONS)			
120/208V, 1Ø, 3W, SN, 400 AMP M.L.O. "WESTINGHOUSE" TYPE POW-R-LINE 2 SURFACE MOUNTED. TOP AND BOTTOM SKIRTS.			
CIRCUIT	BREAKER	WIRE	LOAD
1 THRU 46,49 THRU 55,62,63,64	20A/1P	#12	LIGHTS, RECEPTACLE, MECHANICAL, SPRINKLER CONTROL
47,48	30A/1P	#10	COPY MACH., MICROWAVE
56	20A/1P	#12	DISPOSAL
57 THRU 61	50A/2P	#8	SUPPLY FANS, RANGE
65 THRU 70	20A/1P	--	SPARE
71 THRU 79	---	--	SPACE

PANEL "EP"			
120/240V, 1Ø, 3W, SN, 100 AMP M.L.O. "WESTINGHOUSE" TYPE POW-R-LINE SURFACE MOUNTED, TOP AND BOTTOM SKIRTS.			
CIRCUIT	BREAKER	WIRE	LOAD
1 THRU 17	20A/1P	#12	LIGHTS, RECEPTACLE, DOOR CONTROLS
18	50A/2P	#8	SUPPLY FAN (2)
19 THRU 26	20A/1P	--	SPARE
27 THRU 41	----	--	SPACE

FIXTURE SCHEDULE			
NO.	DESCRIPTION	MOUNTING	LAMPS
1	"WILLIAMS" #5224-RWKA110	RECESSED GRID	4-F40/CW/WW/RS
2	"WILLIAMS" #5222-RWKA110	RECESSED GRID	2-F40/CW/WW/RS
3	"LIGHTRON" #WDF131-240-1X4-PF	RECESSED GYP	2-F40/CW/WW/RS
4	"MORRIS KURTZON" #J-2440-4RS-1-120V	RECESSED GYP	4-F40/CW/WW/RS
5	"WILLIAMS" #7736	SURFACE CEILING	2-F96T12/CW/SS
6	"PRESCOLITE" #1225-B462	RECESSED CEILING	1-200W/IF
7	"MARKSTONE" #WS4042-TH	RECESSED CEILING	1-75W/IF
8	"PRESCOLITE" #90S6-70HPS/FE-178	RECESSED CEILING	1-70W/HPS
9	"PRESCOLITE" #9424	SURFACE CEILING	1-75W/IF
10	"MOLDCAST" #90020-12-Bz-1FU	SURFACE WALL	1-70W/HPS
11	"K:M" #AFL1/100HPS120/1DB-E/AFL-LS	FLUSH CONCRETE BASE	1-100W/HPS
12	"G.E." #D25S15S1H1GMC2-DBF W/ASSS16SD47DB-ABCDs	POLE (TO DETAIL)	1-150W/HPS
13	"LAM" #250MH-2403-120-W	PENDANT MOUNTED	1-250MH/3K PHOSPHOR COATED
14	"WILLIAMS" #7722	SURFACE CEILING	2-F40/CW/WW/RS
15	"WILLIAMS" #EPF-S222-RWKA110	RECESSED GYP	2-F40/CW/WW/RS
16	"WILLIAMS" #EPF-S224-RWKA110	RECESSED GYP	4-F40/CW/WW/RS
17	"PRESCOLITE" #CF10SQ25-2-120V	RECESSED CEILING	2-F13TT/27K
⊗	"DEVINE" #DVGC**SG-* (FURNISHED WITH INTEGRAL BATTERY AND CHARGER)	SURFACE CEILING	AS REQUIRED

*INDICATES UNIVERSAL ARROW.
**INDICATES SINGLE OR DOUBLE FACE. SEE DRAWING FOR DESCRIPTION.

SYMBOL		SYMBOL	
SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
□	SPECIAL CABINET (TELEPHONE TYPE OR AS NOTED, 18" X 24" X 4" SURFACE OR AS NOTED).	○	CEILING OUTLET AND FIXTURE.
■	C.B. PANELBOARD.	○	BRACKET OUTLET AND FIXTURE.
⊙	MOTOR.	○	FLUORESCENT OUTLET AND FIXTURE.
⊗	MOTOR CONTROLLER.	⊗	FLUORESCENT OUTLET AND FIXTURE USED AS NIGHT LIGHT, WITH EMERGENCY BATTERY PACK AND CHARGER.
□	SAFETY SWITCH.	○	LAY-IN FLUORESCENT FIXTURE WITH OUTLET ON STRUCTURE FLEXIBLE CONDUIT TO FIXTURE.
⊗	LIGHTING CONTACTOR WITH H-O-A SWITCH ON COVER, LABEL, NEMA 1 ENCLOSURE.	○	CEILING OUTLET AND FIXTURE WITH PULL CHAIN.
—	CONDUIT RUN IN WALLS OR CEILING.	⊗	THERMAL SWITCH.
---	CONDUIT RUN UNDER FLOOR OR UNDERGROUND.	⊗	SINGLE POLE WALL SWITCH, UP 48".
→	HOME RUN.	⊗	THREE WAY WALL SWITCH, UP 48".
—T—	TELEPHONE CONDUIT, MINIMUM 3/4" WITH PULL WIRE.	⊗	FOUR WAY WALL SWITCH, UP 48".
—T—	1" CONDUIT WITH PULL WIRE TO TELEPHONE TERMINAL BOARD.	⊗	"LUTRON" #N-2000 DIMMER, UP 48" OR AS NOTED.
—I—	INTERCOM SYSTEM CONDUIT AND WIRE.	⊗	SINGLE POLE WALL SWITCH WITH PILOT LIGHT, UP 48".
⊕	TIC MARKS REPRESENT NEUTRAL, HOT, SWITCH AND GROUND LEG CONDUCTORS RESPECTIVELY.	⊕	JUNCTION BOX FLUSH IN WALL-HEIGHT AS NOTED OR REQUIRED WITH CONNECTION TO EQUIPMENT.
—C—	1" COMPUTER SYSTEM CONDUIT WITH PULL WIRE TO TELEPHONE BOARD.	⊕	CAST WEATHERPROOF JUNCTION BOX STUBBED UP ON RIGID CONDUIT FROM FLOOR, (UP 6" OR AS NOTED).
—DL—	DOOR LOCK SYSTEM CONDUIT 1/2" MIN WITH WIRING AS REQUIRED.	⊕	THERMOSTAT AND/OR CONTROL DEVICES, SEE MECHANICAL FOR EXACT HEIGHTS AND ACTUAL CONTROL.
		⊕	PHOTO CELL LIGHTING CONTROLLER: "PRECISION" #T-15 OR #T-18 MOUNTED ON 1/2" RIGID CONDUIT STUBBED UP 12" ABOVE ROOF.
		⊕	30A, 120V, GROUNDED DUPLEX RECEPTACLE.
		⊕	WEATHERPROOF DUPLEX G.F.I. CONVENIENCE OUTLET, UP 12" OR AS NOTED.
		⊕	DOUBLE DUPLEX CONVENIENCE OUTLET, UP 18" OR AS NOTED.
		⊕	50A, 250V, 3W RANGE TYPE OUTLET-FLUSH, UP 12".
		⊕	DUPLEX CONVENIENCE OUTLET, UP 18" OR AS NOTED.
		⊕	ISOLATED GROUND DUPLEX RECEPTACLE ORANGE FACE, "HUBBELL" #165362 UP 18" OR AS NOTED WITH MATCHING WALL PLATES.
		⊕	DUPLEX CONVENIENCE OUTLET ON EMERGENCY CIRCUIT, RED FACE, UP 18" OR AS NOTED, "HUBBELL" #5362-ROB WITH MATCHING WALL PLATE.
		⊕	GROUND FAULT RECEPTACLE.
		⊕	RECESSED SPEAKER OUTLET IN CEILING, COORDINATE LOCATION WITH FIXTURES AND GRILLES. PROVIDE 8" SPEAKER WITH TRANSFORMER AND TELEPHONE OUTLET, UP 18" OR AS NOTED.
		⊕	PUSHBUTTON STATION, UP 48" OR AS NOTED.
		⊕	TRANSFORMER AS NOTED.
		⊕	INTERCOM STATION, UP 56". PROVIDE WEATHER PROOF ENCLOSURE AT EXTERIOR LOCATIONS. COMPUTER OUTLET.
		⊕	FLUSH FLOOR 2 GANG J.B. "HUBBELL" #B-4233 WITH S-2425 AND S-3825 COVERS: #562 RECEPTACLE AND #S-3084 2 GANG CARPET FLANGE.
		⊕	DENOTES "LOCKNETICS" SECURITY SYSTEM INCLUDING EIGHT OPENINGS SECURED WITH LOCKNETICS 268 SERIES POWERLOCKS CONTROLLED WITH 6 GANG STATION CONTROL PANEL. SEE FINISH HARDWARE SCHEDULE NW-22 FOR DESCRIPTION OF SPECIFIED SYSTEM OPERATION. SECTION 8700.

KEYED NOTES:

- PRIMARY SERVICE BY P.S.C.N.M.
- PAD MOUNTED TRANSFORMER BY P.S.C.N.M.
- TRANSFORMER PAD PER P.S.C.N.M. STANDARD DRAWING #DS-7-16.1.
- C.T. AND METERING PER P.S.C.N.M. STANDARD DRAWINGS #DS-19-15.0 AND #DS-19-17.0.
- 2 RUNS OF 3 #4/0 THW CU. AND 1 #1/0 THW CU. GREEN GROUND IN 2 1/2" CONDUIT EACH.
- 400A/2P+SN SAFETY SWITCH NEMA-3R. FUSE AT 400A WITH BUSSMAN LO-PEAK, CURRENT-LIMITING, CLASS RK-1 FUSES.
- 1 #1/0 THW CU. IN 3/4" CONDUIT, CONNECT TO C.W. SERVICE AND DRIVEN GROUND ROD.
- 6 #4/0 THW CU.
- 100A/2P+SN FUSIBLE SAFETY SWITCH. FUSE AT 70A WITH BUSSMAN LO-PEAK, CURRENT-LIMITING CLASS RK-1 FUSES.
- RAINTIGHT GUTTER, (8X8 LENGTH AS REQUIRED).
- 3-500 MCM THW CU. AND 1-1/0 THW CU. GREEN GROUND IN 4" CONDUIT.
- 3-#4 THW CU. AND 1-#8 THW CU. GREEN GROUND IN 1 1/2" CONDUIT.
- 4" RIGID CONDUIT WITH WEATHERHEAD.
- PROPOSED NEW POLE BY P.S.C.N.M.
- NO OTHER DEVICE TO BE FEED FROM G.F.I. RECEPTACLE. PROVIDE A SEPARATE G.F.I. RECEPTACLE AT EACH LOCATION DESIGNATED.



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ALBUQUERQUE
POLICE DEPARTMENT
SOUTHEAST AREA
SUBSTATION

SCHEDULE, LEGEND, & RISER

THE
BOEHNING
PARTNERSHIP
ARCHITECTS & PLANNERS

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RED ARCHITECT

D.
Sf.