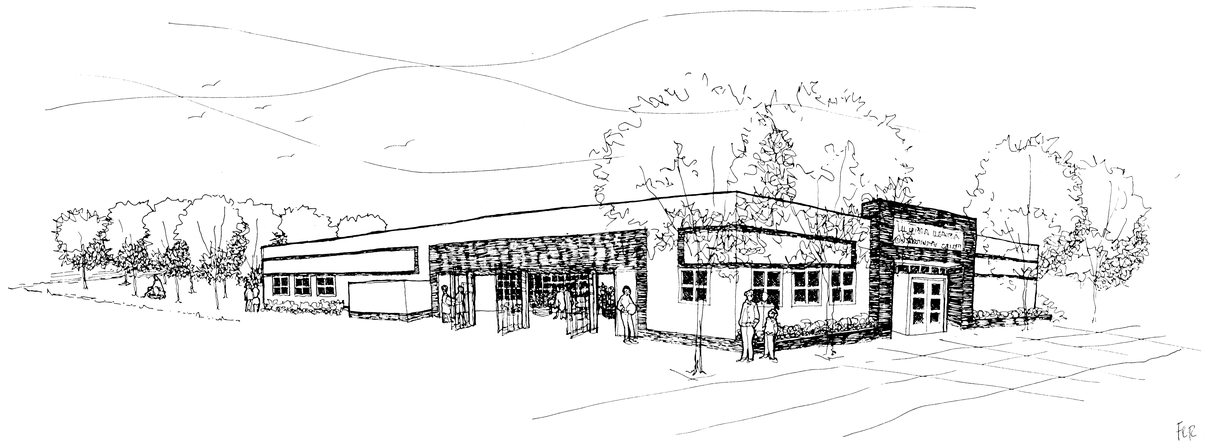
5

LOMA LINDA COMMUNITY CENTER



FOR INFORMATION ONLY

INDEX OF SHEETS

FOR THE CITY OF

ALBUQUERQUE NEW MEXICO

L-15

FOR INFORMATION ONLY

DESIGN TEAM

EDITH CHERRY / D. JAMES SEE
ARCHITECTS

ROBERT C. KRAUSE
STRUCTURAL ENGINEER

TIERRA DEL SOL
ELECTRICAL ENGINEER

ISAACSON & ARFMAN
CIVIL ENGINEER

GUY ROBERT JOHNS
LANDSCAPE ARCHITECT

APPROVED

CITY ENGINEER

9/27/88
DATE

PROJECT NO. 2800

1 2 3 4 5 6 7 8 9 10 11 12
2 | 2 | 8 | 0 | 0 | 0 | 1 | 8 | 8 |

CITY REPRESENTATIVES

MIKE WALKER
DIRECTOR, PARKS & RECREATION

PAT WESTBROOK
SUPERINTENDENT OF DESIGN

JOE DELLA LONGA, AIA
CITY ARCHITECT

2800

LOMA LINDA COMMUNITY CENTER
CODE ANALYSIS

Zoning: See Below

Type of Construction: VN

Occupancy Group
Office Area B-2
Assembly Area A-3

New Construction:	6,912	sq. ft.
less patio	916	sq. ft.
Total Heated Sq. Ft.	5,996	sq. ft.

A-3 Occupancy = 3,254 sq. ft.
B-2 Occupancy = 2,742 sq. ft.
Total Sq. ft. = 5,996 sq. ft

Mixed Use Occupancy Calculation (no area increases are used)

$$\frac{3,254}{6,000} + \frac{2,742}{8,000} = .5423 + .3428 = .8851 < 1$$

Required Separations (UBC 5-B)
No separation is required for B-2, A-3 combination.

Maximum Height = 40'
Maximum Stories Allowed
A-3 = 1 story
B-2 = 2 stories

Exits*
Total exits provided = 4
Total width of exits = 18 ft.

Total UBC Occupancy Allowed (UBC table 33-A) = 524

See ◇ occupancy symbol on floor plan for occupancy for each area.

UBC fixture requirements based on 524 occupany*

262 Men	WC	Lavs		262 Women	WC	Urin	Lavs
Provided	5	2		Provided	2	3	2
Required	8	2		Required	3	3	2

Drinking Fountains
Provided 2
Required 4

Parking: 35 paved spaces are provided.
15 unpaved spaces are provided.
50 spaces total.

* See Code Statement

STATEMENT

CITY OF ALBUQUERQUE
PLANNING DEPARTMENT, CODE ADMINISTRATION DIVISION
PLANS REVIEW SECTION
1700 YALE SE

PRELIMINARY PLAN REVIEW - UBC SECTION 304 (b) $15.00 PER HOUR

Date: July 16, 1987	Planchecker: Donald C. Bartlett
Project: Community Center	Project Address: Yale Blvd.
Project Owner: City of Alb.	Project Value: $ 1
Project Owner's Phone No.:	Project Owner's Address:
Architect: Jim See Architect	Architectural Firm:
Architect's Phone No.:	Architect's Address: 220-A Gold SW. 87102
Applicable Code: 1985 UBC	Occupancy Group: A-3 / B-2
Minimum Type of Construction required by Code: VN	
Actual Type of Construction:	Time: 1/2 hr. Amount Charged: $ 7.50

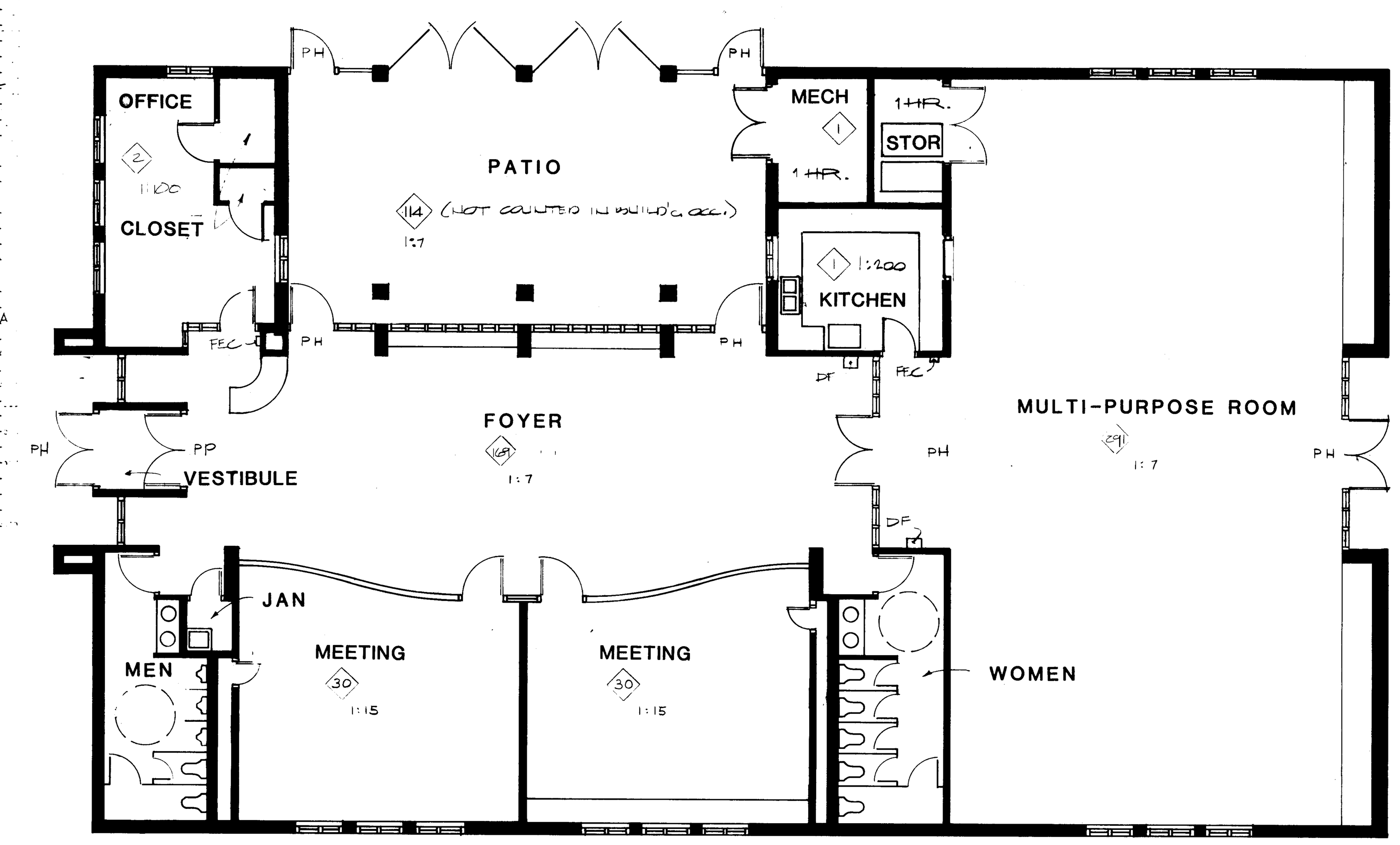
Type of Building: New Building X Addition ____ Remove ____
Alteration ____ Repair ____ Other ____

Description of Work: Community Center 6,045 FT²

Comments:
1. foyer does not have to be rated per Sec. 3303(e)
2. panic hardware per Sec. 3318(a) @ patio gates also
3. occupant load for foyer and mult. use room determined by Table 33-A item 3 (factor of 7)
4. Restrms shown ok per UPC, appendix C (Assembly places for public use. Verified w/ Bill Jenkins
5. Sprinklers not required
6. VN ok per Table 5-C

FEC FIRE EXTINGUISHER & CABINET
DF DRINKING FOUNTAIN
◇ ROOM OCCUPANT LOAD
1:__ ROOM RATIO
PH PANIC HARDWARE
PP PUSH PULL HARDWARE

LEGEND



1/8" = 1'-0"

CODE ANALYSIS

A tract of land in the NW 1/4 of the SW 1/4 of Section 27, T 10 N, R 3 E, N.M.P.M., and more particularly described as follows:

BEGINNING at the Southeast corner of the Tract herein described, said corner having New Mexico State Plane Coordinates of Y=1,478,298.31, X=389,654.86, Central Zone, and running thence; S 89° 35'34" W 799.54 feet to the East R/W line of Yale Blvd. S.E., thence; N 00° 11' 20" E 800.27 feet along the aforesaid East R/W line of Yale Blvd. S.E., thence; N 89° 32' 54" W 799.70 feet, thence; S 00° 12' 01" E 799.65 feet to the point of beginning.
Containing 14.6845 acres, more or less.
Grid bearings and ground distances are used in the above description.

1700 YALE BLVD., SE.
ALBUQUERQUE, NEW MEXICO
87106

LEGAL DESCRIPTION AND ADDRESS

OFFICIAL NOTICE

DECISION ON A REQUESTED SPECIAL EXCEPTION
AS PROVIDED BY THE COMPREHENSIVE CITY ZONING CODE
CHAPTER 7, ARTICLE XIV, REVISED ORDINANCES OF ALBUQUERQUE, NM 1974

CITY OF ALBUQUERQUE
PLANNING DEPARTMENT
PLANNING DIVISION
PO BOX 1293, ALBUQUERQUE, NM 87103

City of Albuquerque Parks and Recreation Department request conditional use of a community center and park on Tracts 1 and 2, Cactus Drive In Parcel, zoned RA-2 and located on the east side of Yale Boulevard, SE between Kathryn Avenue and Ross Avenue, SE (L-16)

Decision No: ZA-87-219
Hearing Date: 06-03-87
Decision Date: 06-03-87

FINDINGS: Conditional use of a community center and park would not be injurious to adjacent property, the neighborhood or the community.

DECISION: Conditional use of a community center and park is approved, generally as per the submitted plan. Final plan approval by the Zoning Hearing Examiner is not required, as the regular review process for City capital projects is ordinarily sufficiently rigorous to protect the public interest.

If you wish to appeal this decision you may do so by June 18, 1987, in the manner described below.

Appeal is to the Environmental Planning Commission within 15 days of the decision.

A filing fee of $40.00 shall accompany each appeal application. When an application is withdrawn, the fee shall not be refunded.

An appeal shall be heard by the Environmental Planning Commission within 60 days of its filing. The Planning Division shall give written notice of an appeal, together with a notice of the date, time and place of the hearing to the applicant, a representative of the opponents, if any are known, and the appellant.

You will receive notice if any other person files an appeal. If there is no appeal, you can receive building permits any time after the appeal deadline quoted above provided all conditions imposed at the time of approval have been met. However, the Zoning Hearing Examiner may allow issuance of building permits if the public hearing produces no objection of any kind to approval of an application. To receive this approval the applicant agrees in writing to return building permit or occupation tax number.

Successful applicants are reminded that other regulations of the City must be complied with, even after approval of a special exception is secured. This decision does not constitute approval of plans for a building permit. If your application is approved, bring this decision when you apply for any related building permit or occupation tax number.

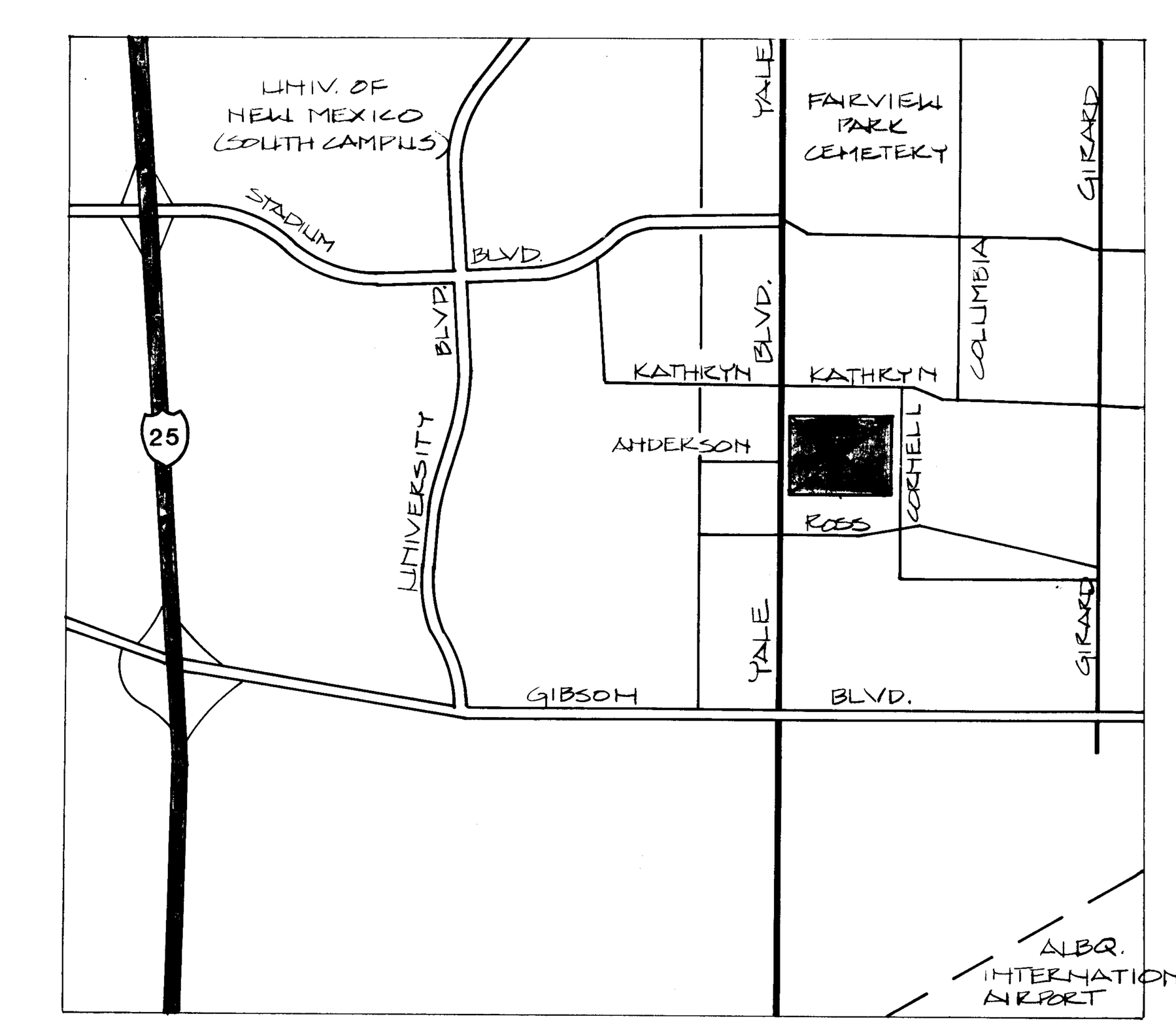
Approval of a conditional use or variance application is void after one year from date of approval if the rights and privileges granted thereby have not been executed or utilized.

Lloyd D. Barlow
Zoning Hearing Examiner

LDBv7370L7

cc: Janet Saiers, COA Parks & Recreation Department, 6th Floor
Barry Shalit, PO Box 726, Albuquerque, NM 87103
Robert E. Romero, Zoning Enforcement Officer

ZONING



26 28000288

LOCATOR MAP

L-16

1:40 SCALE

Architect

Engineer

Edith Cherry
D. James See
&
Associates
Architects
220A Gold Ave. S.W.
Albuquerque, N.M. 87102
505 842 1278

LOMA LINDA
COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
CODE ANALYSIS

Date
OCT. 5, 1988
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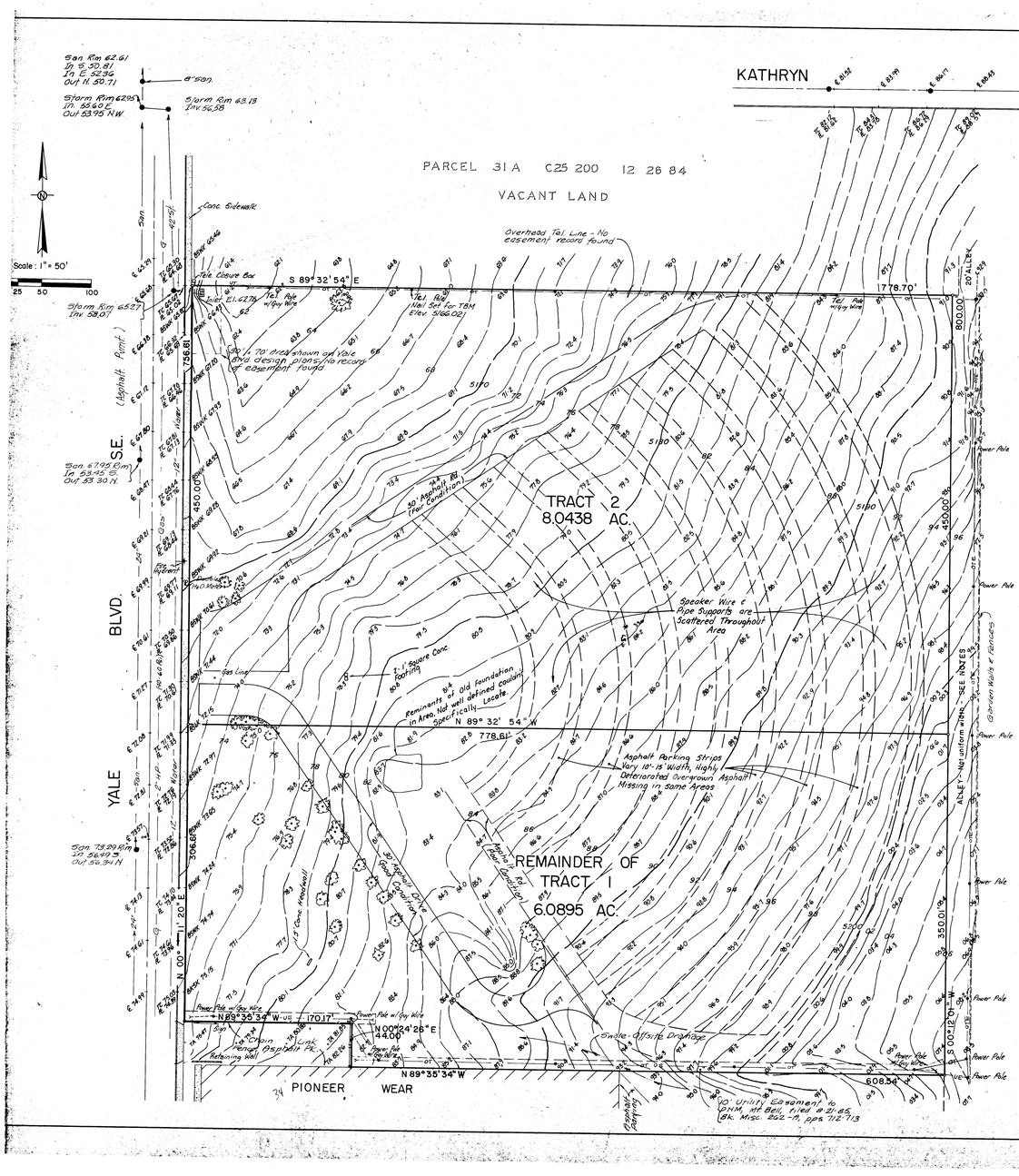

LEGAL DESCRIPTION

Tracts 1 and 2 of the Plat of CACTUS DRIVE-IN PARCEL, as the same are shown and designated on the plat thereof, filed in the Office of the County Clerk of Bernalillo County, New Mexico, in Volume C22, Folio 51, on Sept. 23, 1983, less the westerly one hundred seventy (170) feet of the southerly forty four (44) feet of said TRACT I, as shown on a special warranty deed filed in the Office of the County Clerk of Bernalillo County, New Mexico, on Nov. 27, 1984 in Book D226A, page 472.

MONUMENTS

Tract I — SE Corner: Found 1" pipe at SE corner one foot square concrete base for fence post.

Tract II — SE Corner: Found rebar w/aluminum cap No. 1874.

NE Corner: Found 1" pipe at NE corner one foot square concrete base for fence post. WARNING: Also found 3/4 " pipe, N 30° W, 1.6 feet from above corner. Not accepted. Do not use.

NW Corner: Set No. 5 rebar w/cap NMLS 6054, 6.82' from scribe at back of curb.

SW Corner: Set No. 5 rebar w/cap NMLS 6054.

No other monuments set

NOTES

OT	Overhead Telephone
OE	Overhead Electric
OTE	Overhead Tel. & Elec.
UE	Underground Electric
UT	Underground Telephone
BSWK	Back of Sidewalk
TC	Top of Curb Elevation
FL	Flow Line Elevation

Gas and Water per Record Drawings.

Adjacent alley varies from 25' wide at SE corner to 26.86' wide at NE corner. Then narrows to 20' jog in rowline.

Electric Power is 3 Ø. Seperate diagram from PNM.

North, East and South boundaries have 4" x 4" wood posts, cut-off, in concrete base at 3'-4' o.c. Not shown.

LEGEND

- 85.2 — Spot Elevation
- Contour Line
- Power (or Tele.) Pole
- Manhole - Storm or San. Rim, Invert
- —E— Overhead or Underground Elec. See Notes
- —G— 2" HP Gas, per records
- —W— 12" Waterline, per records
- —T— Overhead or Underground Tele. See Notes
- Graded Drainage Swale
- Chain Link Fence
- Concrete Paving
- Perimeter Exist. Bldg.
- Small Cedar

Benchmark: 3½ Aluminum Cap set Flush with Top of Curb Stamped "ACS, T-L-15, 1984" Located at the N.W. Corner of the Yale Blvd. & Kathryn Ave. Intersection Elev. 5161.484

TBM: Nail Set in Telephone Pole Located Approx. 275± East of the N.W. Property Corner Elev. 5166.02

1 2 3 4 5 6 7 8 9 10 11 12
26 28 0 0 3 88

⚠ Revised Foundation & Additional Topo. Revised Asphalt Rds & Parking Strips 4-8-87

TOPOGRAPHIC & UTILITY MAP OF LOMA LINDA COMMUNITY CENTER FOR CHERRY/SEE ARCHITECTS

scale	date	drafter/appr.
1"=50'	1-30-87	PG / GD

Gordon J. Douglas & Associates, P.C.
Professional Surveyors
128 Washington S.E.
Albuquerque, New Mexico 87108
(505) 268-4429

Architect

Engineer

Edith Cherry
D. James See
&
Associates
Architects
220A Gold Ave. S.W.
Albuquerque, NM. 87102
505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
SITE SURVEY

Date
OCT. 5, 1988
Revisions

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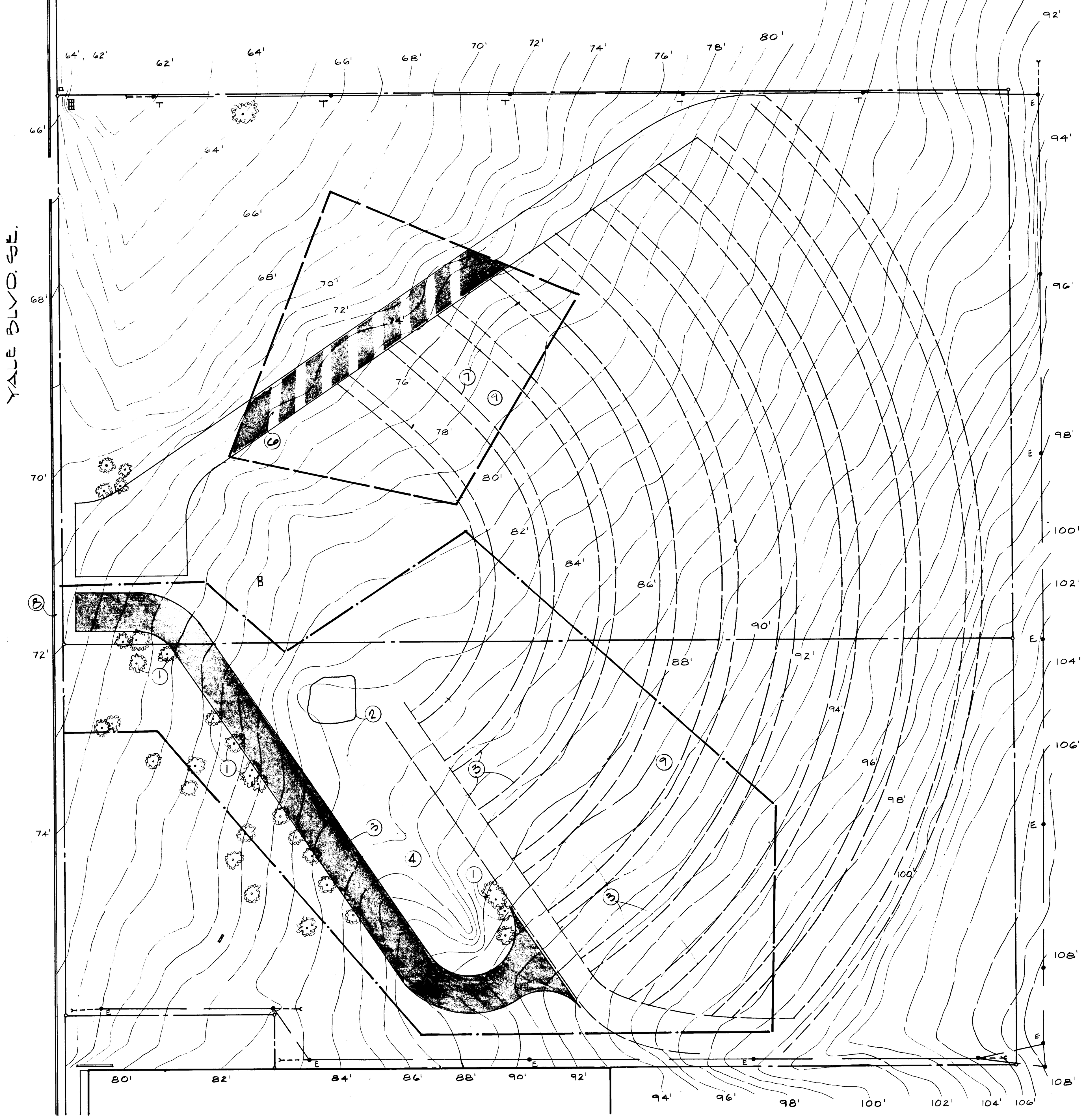
of
ED

LEGEND

- PROPERTY LINE
- DENOTES THE EXTENT OF THE SITEWORK BASE BID
- DENOTES THE EXTENT OF THE SITEWORK FOR ALT No. 3
- DENOTES EXISTING ASPHALT PAVING TO BE REMOVED FROM THE SITE BASE BID
- DENOTES EXISTING ASPHALT PAVING TO BE REMOVE FROM SITE FOR ALT No. 3
- EXISTING TELEPHONE OR ELECTRICAL OVERHEAD LINE (TORE)
- EXISTING CONTOUR LINES
- EXISTING 1/2" THICK ASPHALT & GRAVEL DRIVES



SITE DEMOLITION PLAN

1/50"=1'-0"

DEMOLITION NOTES

GENERAL NOTES

1. The site was previously the Cactus Drive-in Movie Theatre. Asphalt, paving, electrical conduit, speaker wires, old foundations etc. remain on the site. The contractor is required to visit the site to assess the extent of the demolition prior to bidding the project. Many of these items are not noted on the drawings but shall be removed within the area designated as the site work boundaries.

2. The site work boundaries designated on the demolition plan are to be exceeded as little as possible for such items as utility extentions etc. The remainder of the site is to remain undisturbed in its natural state.

3. The areas denoted as 1/2" ± thick asphalt and gravel drives contain organic material. It is the contractor's option to either remove material from the site or to remove the organic materials from the decomposed asphalt and gravel and reuse the asphalt and gravel as fill material under non-building areas. If existing material is reused maintain a final grade with a minimum of one foot of topsoil over the decomposed asphalt and gravel.

4. See structural site grading notes and the earthwork section of the specifications for further information.

5. Site information: Data indicating subsurface conditions including utility lines, etc. is provided for the convenience of the Contractor. The data representations shall not be construed as a warranty of accurate locations, sizes, existence, or absence of subsurface conditions. It is expressly understood that the Owner and/or Architect will not be responsible for interpretations or conclusions drawn there from by the Contractor.

6. Prior to beginning construction, the Contractor shall secure the assistance of the various utility companies (electric, gas, telephone, water, and sewer) in locating all existing underground utility lines on the project site. CONTACT THE ALBQ. UTILITY COUNCIL, TELEPHONE NO. 765.1234, A MINIMUM OF 2 WORKING DAYS PRIOR TO ANY EXCAVATION.

7. During the operations under this contract the Contractor shall take appropriate measures to protect the existing buildings, trees, shrubs and other improvements that are to remain. The Contractor shall repair or replace any and all items damaged during the course of work under this contract at no additional cost to the owner.

8. The Contractor shall field verify all dimensions and existing equipment affecting the work under this contract.

9. THE CONTRACTOR SHALL OBTAIN & COORDINATE THE ENVIRONMENTAL HEALTH DEPT. "TOP SOIL DISTURBANCE PERMIT" WITH LARRY CAUDILL (PHONE NO. 768.2639) PRIOR TO ANY EXCAVATION OR GRADING ON THE SITE.

KEYED NOTES ◯

1. Remove trees as required, typ.
2. Remove existing foundations.
3. See general note No. 3.
4. Remove miscellaneous trash on site.
5. Remove existing asphalt paving from site, base bid. See legend on this sheet.
6. Remove existing asphalt paving from site, alternate No. 3 See legend on this sheet.
7. See general note no. 3 if alternate No. 3 is accepted.
8. Remove curb gutter and sidewalk as required for new curb cut.
9. Remove drive-in movie speaker pipe supports, speaker wire and conduit as required.

26 2800 0488

STATE OF NEW MEXICO — D. JAMES SEE — 1259 — REGISTERED ARCHITECT

Architect

Engineer

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D. James See
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505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
SITE DEMOLITION PLAN

Date
OCT. 5, 1988

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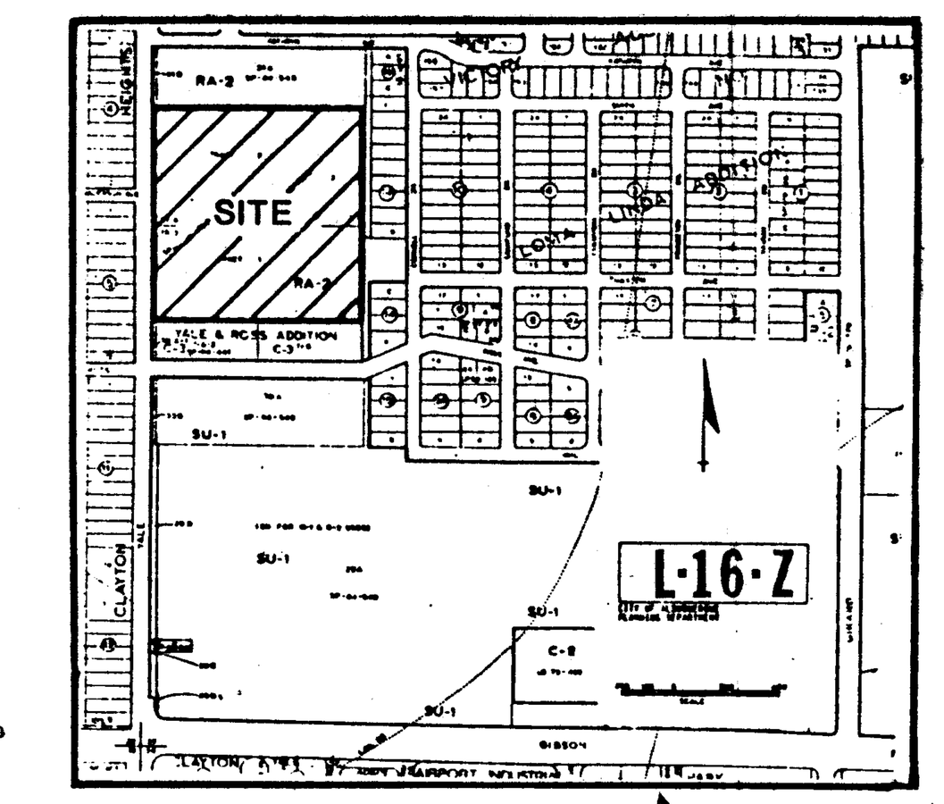
LEGEND

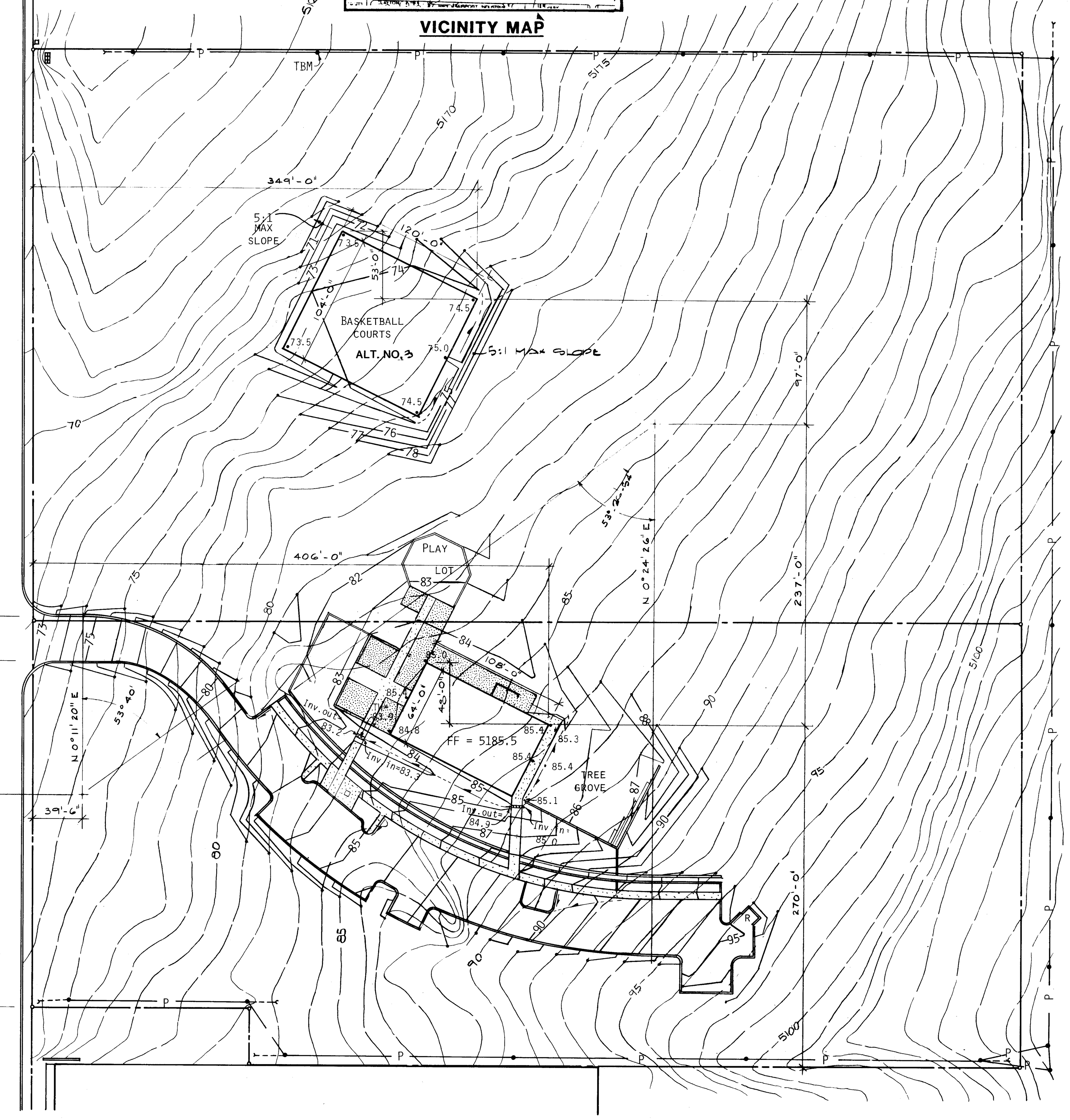
(line)	Existing contour
(line)	Proposed contour
•87.0	Proposed spot elev.
FF=5185.5	Finish floor elev.
—P—•—	Power line w/pole
(double line)	Jogging trail
(culvert symbol)	18" sidewalk culvert (see detail - sht C1)
[R]	Refuse enclosure
87.6	Top of Curb Elev.

SCALE: 1"=50'



VICINITY MAP

KATHRYN AVE. SE

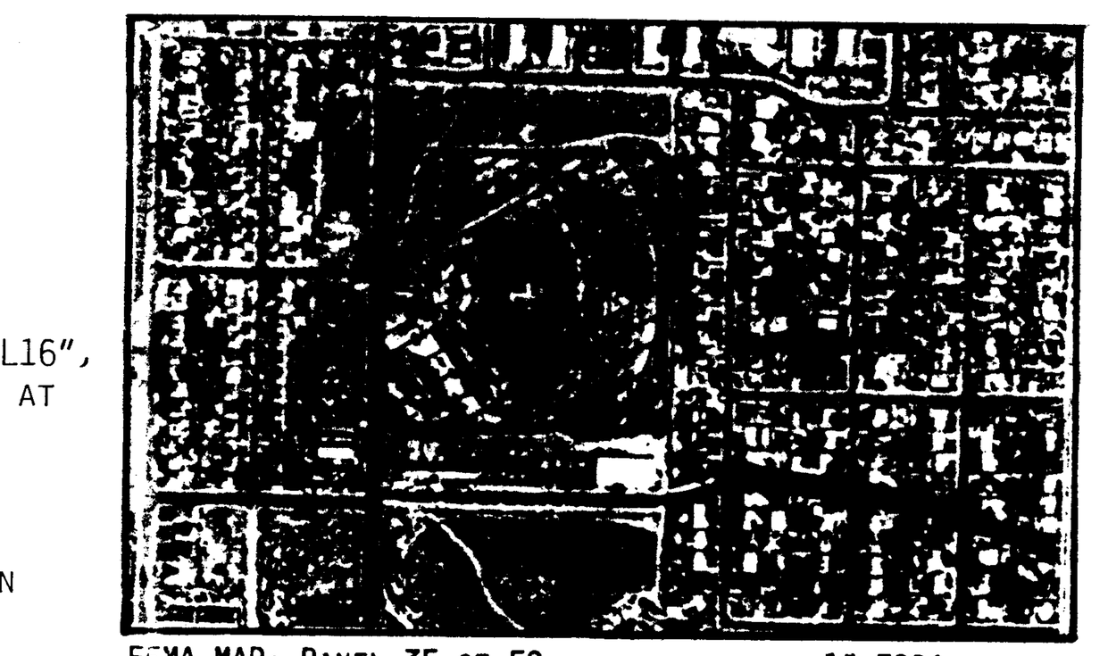


BENCHMARK(S): ACS Brass cap "2-L16", a square in the ENE curb return at Yale & Kathryn.

ELEVATION: 5162.66

TEMPORARY BENCHMARK: Nail set in power pole as shown.

ELEVATION: 5166.02



FEMA MAP: Panel 35 of 50 1"=500'

FLOOD HAZARD MAP

NOTES:

1. See sheet 1 for onsite and offsite drainage calculations and the analysis for downstream capacity. Site soil data, survey information, and legal description are also found on sheet 1.
2. Drainage Computations for Phase 1 construction can be found on sheet C-3, which also shows the majority of Phase 1 construction at a larger scale.

SEE SHEET L-1 FOR MORE DETAILED SITE LAYOUT DIMENSIONS

26 2800 0588

PHASE I GRADING & DRAINAGE PLAN for BUILDING PERMIT

Architect

REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR No. 3895 NEW MEXICO THOMAS O. ISAACSON

3-10-88

Engineer

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505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet: GRADING & DRAINAGE PLAN

Date: OCT. 5, 1988

Revisions

Sheet C-2 of 38

NORTH CURB RETURN		
PT	TC	FL
1	73.06	72.40
2	72.56	71.90
3	72.05	71.38

SOUTH CURB RETURN		
PT	TC	FL
1	73.00	72.34
2	73.20	72.54
3	73.40	72.74

LEGEND

- EXISTING CONTOUR
- PROPOSED CONTOUR
- 85.5 — PROPOSED SPOT ELEVATION
- FF = 5185.5 — FINISH FLOOR ELEV.
- 18" SIDEWALK CULVERT (SEE DETAIL ON SHEET 1)
- TC 83.5 — TOP OF CURB ELEV.
- NEW TREE
- ASPHALT PAVEMENT
- GRAVEL SURFACING

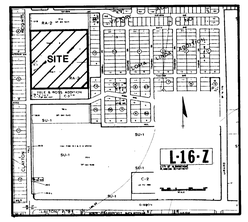
SCALE: 1"=20'

NOTE

The Contractor is advised that some civil engineering work is shown on the Landscape sheets L - 1, L - 3, L - 4, L - 5, and L - 6.

NOTES

1. THIS SHEET SHOWS DETAILED GRADING FOR THE ACCESS ROAD, COMMUNITY BUILDING, & SURROUNDING FEATURES. SEE SHEET 1 FOR THE GRADING OF THE BASKETBALL COURT
2. FOR PERTINENT SITE DATA CONCERNING SOIL TYPE, SURVEY INFORMATION, LEGAL DESCRIPTION & BENCHMARK SEE SHEET C-2.
3. DOWNSTREAM CAPACITY AND OFFSITE FLOWS ARE ADDRESSED ON SHEET C-2.
4. FOR DETAILS OF CURBING AND VALLEY GUTTER, SEE SHEET L-4.
5. FOR TRASH ENCLOSURE DETAIL, SEE SHEET L-5.



VICINITY MAP

SE

BLVD.

YALE

PLAY LOT

JOGGING TRAIL

FF = 5185.5

EXISTING STORM WATER CHARACTERISTICS

THE SITE WAS PREVIOUSLY THE CACTUS DRIVE-IN WHICH WAS COMPLETELY DEMOLISHED. SOME VEGETATION HAS RETURNED TO THE SITE & WILL THEREFORE BE CONSIDERED UNDEVELOPED.

TOTAL AREA = 14.13 ACRES — CN = 65
'C' FACTOR = 0.40 — Q = 0.25 INCHES
I = 2.3*(2.16) = 5.0 IN/HR — RUNOFF = 1.5 CFS/AC/IN
Tc = 10 MINUTES

Q_{100} = (0.40)(5.0)(14.13) = 28.3 CFS

Q_{10} = (28.3)(0.657) = 18.6 CFS

V_{100} = (0.25/12)(14.13)(43560) = 12,820 CF

V_{10} = (10,260)(0.657) = 8,420 CF

PROPOSED STORM WATER CHARACTERISTICS

PHASE ONE IMPROVEMENTS CONSIST OF A 7,000 SQ.FT. BUILDING WITH ASSOCIATED ASPHALT PARKING AND ACCESS ROAD, TWO BASKETBALL COURTS, A TREE GROVE, A HARD-SURFACED PATIO AREA, & A PLAY LOT. A JOGGING TRAIL, SURFACED WITH CRUSHER FINES, WILL SURROUND THE PARK AS SHOWN. THE AREA ADJACENT TO THE BUILDING WILL BE LANDSCAPED, WHILE THE BALANCE OF THE SITE WILL REMAIN UNDEVELOPED WITH NATIVE VEGETATION.

PROPOSED COMPOSITE 'C' VALUES:

ASPHALT & HARD SURFACE	(0.06)(0.95) = 0.06
ROOF AREA	(0.01)(0.90) = 0.01
UNDEVELOPED (NATIVE) LANDSCAPED	(0.89)(0.40) = 0.36
	(0.04)(0.25) = 0.01
COMPOSITE 'C'	→ 0.44

Tc = 10 MIN. I = 5.0"/HR

Q_{100} = (0.44)(5.0)(14.13) = 31.1 CFS

Q_{10} = (31.1)(0.657) = 20.4 CFS

BY SCS METHOD:
CN = 69, Q = 0.3 INCHES, RUNOFF = 1.5 CFS/AC/IN
V_{100} = Q x A = (0.3/12)(14.13)(43560) = 15,400 CF
V_{10} = (15,400)(0.657) = 10,100 CF

3/17/88 REVISION: TOP OF CURB AND FLOWLINE ELEVATIONS ADDED FOR VERTICAL CONTROL AT VALLEY GUTTER INTERSECTION.

GRADING PLAN - BASE BID

SEE SHEET C-2 FOR ALTERNATE No. 2 GRADING PLAN

1" = 20.0'

Architect

REGISTERED PROFESSIONAL ENGINEER & LAND SURVEYOR No. 5986 2-29-88 NEW MEXICO THOMAS D. HANCOCK

Engineer

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&
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505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
GRADING PLAN

Date
OCT. 5, 1988
Revisions

Sheet
(1 of 2)
of
5 DD

PLANT SCHEDULE

APPROX. QUANTITY	COMMON NAME	BOTANICAL NAME	SIZE	NOTES
19	White Ash	Fraxinus Americana	2-1/2" cal.	Match trees For height & form
20	Bradford Pear	Pyrus Calleryana 'Bradford Pear'	2-1/2" cal.	Match trees For height & form
3	Goldenrain Tree	Koelreuteria Paniculata	2-1/2" cal. Min. 6' tall	Match trees For height & form
23	Common Hackberry	Celtis Occidentalis	2-1/2" cal.	Match trees For height & form
41	Three-Spine Barberry	Berberis Trilacathophora	5 gal.	Plant @ 3'-0" o.c.

LANDSCAPE NOTES

All trees to field or container grown in New Mexico (Min. 1 year). All trees are to be premium quality, well branched and shaped symmetrically. All trees must be inspected and tagged for approval by the Architect at the nursery or yard prior to delivery at site.

Contractor shall locate all plant material as shown on the Landscape plan. Contractor is to adjust location of plant material under the direction of the Architect. All plant material locations and orientations are to be approved by the Architect.

Plant quantities shown on plant list are approximate only. Contractor is to provide plant material in quantities as shown on the Landscape Plan.

NOTES

1. Site Information: Data indicating subsurface conditions including utility lines, etc. is provided for the convenience of the Contractor. The data representations shall not be construed as a warranty of accurate locations, sizes, existence, or absence of subsurface conditions. It is expressly understood that the Owner and/or Architect will not be responsible for interpretations or conclusions drawn therefrom by the Contractor. See Site Survey sheet SS - 1, Mechanical sheets and sheet E - 1 for utility information.
2. Prior to beginning construction, the Contractor shall secure the assistance of the various utility companies (electric, gas, telephone, water, and sewer) in locating all existing underground utility lines on the project site.
3. The Contractor shall field verify all dimensions and existing equipment affecting the work under this Contract.
4. The Contractor is advised that some civil engineering work is shown on the Landscape sheets L - 1, L - 3, L - 4, L - 5, and L - 6.
5. All curb radii are 5'-0" unless otherwise shown.
6. Parking bay dimensions are shown along the projected curb face.
7. Centerline dimensions in parking area are arc lenths, Centerline radius = 406.0', Total arc length = 378.74', Delta = 53 degrees 26 min. 54 sec.
8. CONTRACTOR MUST OBTAIN A PARKWAYS PERMIT FOR ANY PORTION OF WORK IN CITY R/W.
9. The Contractor shall conform to "Albuquerque Standard Specifications for Public Works Construction, 1986" for all site, paving, and utility work.
10. The Contractor shall make all road, curb, gutter, and sidewalk repairs required for utility connections on Yale in accordance with the above-mentioned specifications.

LEGEND

- BUILDING FOOTPRINT
- PROPERTY LINE
- ASPHALT PAVEMENT
- BROOM FINISH CONCRETE, ALTERNATE No. 1
- EXPANSION JOINT, DTL. 15/L-4
- CONTROL JOINT (TOOLED 1/2" WIDE BY 1/2" DEEP)
- BROOM FINISH CONCRETE, BASE BID.
- CRUSHER FINES ALTERNATE NO 1
- GRAVEL PARKING AREA, DTL. 10/L-4
- TREES, SEE PLANT SCHEDULE FOR SPECIES & SIZE
- SHRUBS, SEE PLANT SCHEDULE FOR SPECIES & SIZE
- IRRIGATION LINE SCH. 40 PVC
- BUBBLERS RAINBIRD 1402, SEE DETAIL 6/L-3 ALTERNATE # 2.
- EXTERIOR POLE LIGHT, SEE ELECT.
- WATER LINE
- GAS LINE
- SEWER LINE
- ELECTRICAL SERVICE
- FIRE PROTECTION LINE

SEE MECH. & ELEC. SHEETS FOR DETAILED UTILITY INFORMATION.

ALTERNATES

ALTERNATE NO. 1: LANDSCAPING

Alternate No. 1 consists of landscaping, sprinklers and concrete paving noted as Alternate No. 1 on the drawings.

ALTERNATE NO. 2: PARKING LOT LIGHTING

Alternate No. 2 consists of the 14 Type "N" light fixtures located along the parking lot. It includes all material and labor required to install the lights.

ALTERNATE NO. 3: BASKETBALL COURTS

Alternate No. 3 consists of grading, compaction, and installation of two basketball courts. Electrical wiring and lighting to the courts is included.

ALTERNATE NO. 4: PLAY STRUCTURE

Alternate No. 4 consists of the provision and installation of the play structure in the play lot.

SITE AND LANDSCAPING PLAN

SCALE 1" = 20'

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

APPROVALS	ENGINEER	DATE
D.R.C. Chair		
Trans. Dev.		
Utility Dev.		
Design Engr.		

APPROVALS	ENGINEER	DATE

DRAWING NO. | MAP NO. | SHEET OF

216 | 280 | 06 | 07 | 88

JAMES SEE NO. 959 REGISTERED ARCHITECT — Architect

EDITH CHERRY 0077 REGISTERED LANDSCAPE ARCHITECT — Engineer

Edith Cherry
D. James See
&
Associates
Architects
220A Gold Ave. S.W.
Albuquerque, NM. 87102
505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
PAVING & LANDSCAPE PLAN

Date
OCT. 3, 1988
Revisions

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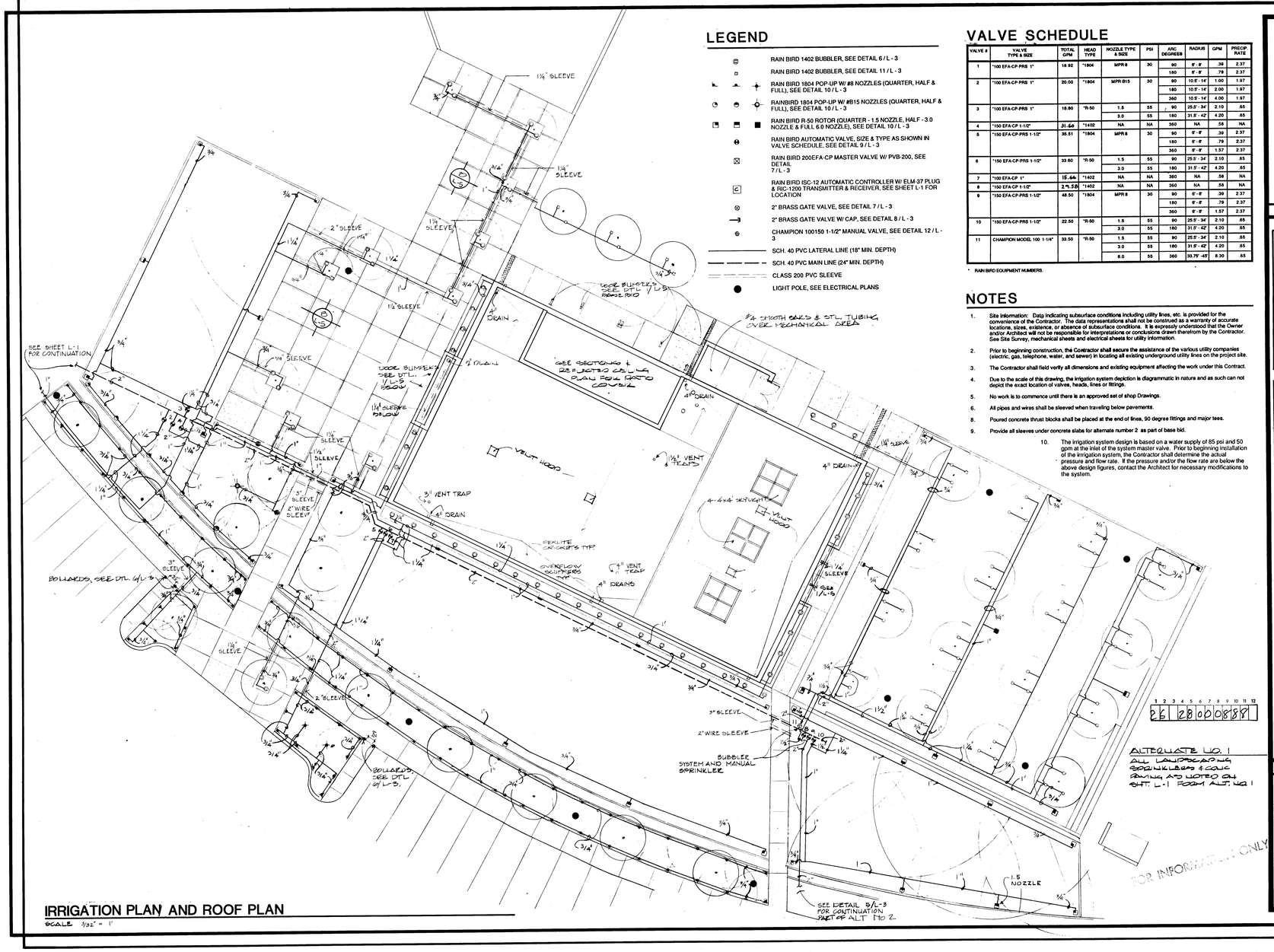
L-1
of
7 00



LEGEND

- RAIN BIRD 1402 BUBBLER, SEE DETAIL 6 / L - 3
- RAIN BIRD 1402 BUBBLER, SEE DETAIL 11 / L - 3
- RAIN BIRD 1804 POP-UP W/ #8 NOZZLES (QUARTER, HALF & FULL), SEE DETAIL 10 / L - 3
- RAINBIRD 1804 POP-UP W/ #B15 NOZZLES (QUARTER, HALF & FULL), SEE DETAIL 10 / L - 3
- RAIN BIRD R-50 ROTOR (QUARTER - 1.5 NOZZLE, HALF - 3.0 NOZZLE & FULL 6.0 NOZZLE), SEE DETAIL 10 / L - 3
- RAIN BIRD AUTOMATIC VALVE, SIZE & TYPE AS SHOWN IN VALVE SCHEDULE, SEE DETAIL 9 / L - 3
- RAIN BIRD 200EFA-CP MASTER VALVE W/ PVB-200, SEE DETAIL 7 / L - 3
- RAIN BIRD ISC-12 AUTOMATIC CONTROLLER W/ ELM-37 PLUG & RIC-1200 TRANSMITTER & RECEIVER, SEE SHEET L-1 FOR LOCATION
- 2" BRASS GATE VALVE, SEE DETAIL 7 / L - 3
- 2" BRASS GATE VALVE W/ CAP, SEE DETAIL 8 / L - 3
- CHAMPION 100150 1-1/2" MANUAL VALVE, SEE DETAIL 12 / L - 3
- SCH. 40 PVC LATERAL LINE (18" MIN. DEPTH)
- SCH. 40 PVC MAIN LINE (24" MIN. DEPTH)
- CLASS 200 PVC SLEEVE
- LIGHT POLE, SEE ELECTRICAL PLANS

VALVE SCHEDULE

VALVE #	VALVE TYPE & SIZE	TOTAL GPM	HEAD TYPE	NOZZLE TYPE & SIZE	PSI	ARC DEGREES	RADIUS	GPM	PRECIP RATE
1	*100 EFA-CP-PRS 1"	18.92	*1804	MPR 8	30	90	6' - 8'	.39	2.37
						180	6' - 8'	.79	2.37
2	*100 EFA-CP-PRS 1"	20.00	*1804	MPR B15	30	90	10.5' - 14'	1.00	1.97
						180	10.5' - 14'	2.00	1.97
						360	10.5' - 14'	4.00	1.97
3	*100 EFA-CP-PRS 1"	16.80	*R-50	1.5	55	90	25.5' - 34'	2.10	.65
				3.0	55	180	31.5' - 42'	4.20	.65
4	*150 EFA-CP 1-1/2"	31.66	*1402	NA	NA	360	NA	.58	NA
5	*150 EFA-CP-PRS 1-1/2"	35.51	*1804	MPR 8	30	90	6' - 8'	.39	2.37
						180	6' - 8'	.79	2.37
						360	6' - 8'	1.57	2.37
6	*150 EFA-CP-PRS 1-1/2"	33.60	*R-50	1.5	55	90	25.5' - 34'	2.10	.65
				3.0	55	180	31.5' - 42'	4.20	.65
7	*100 EFA-CP 1"	15.44	*1402	NA	NA	360	NA	.58	NA
8	*150 EFA-CP 1-1/2"	29.58	*1402	NA	NA	360	NA	.58	NA
9	*150 EFA-CP-PRS 1-1/2"	48.50	*1804	MPR 8	30	90	6' - 8'	.39	2.37
						180	6' - 8'	.79	2.37
						360	6' - 8'	1.57	2.37
10	*150 EFA-CP-PRS 1-1/2"	22.50	*R-50	1.5	55	90	25.5' - 34'	2.10	.65
				3.0	55	180	31.5' - 42'	4.20	.65
11	CHAMPION MODEL 100 1-1/4"	33.50	*R-50	1.5	55	90	25.5' - 34'	2.10	.65
				3.0	55	180	31.5' - 42'	4.20	.65
				6.0	55	360	33.75' -45'	8.30	.65

* RAIN BIRD EQUIPMENT NUMBERS.

NOTES

1. Site Information: Data indicating subsurface conditions including utility lines, etc. is provided for the convenience of the Contractor. The data representations shall not be construed as a warranty of accurate locations, sizes, existence, or absence of subsurface conditions. It is expressly understood that the Owner and/or Architect will not be responsible for interpretations or conclusions drawn therefrom by the Contractor. See Site Survey, mechanical sheets and electrical sheets for utility information.
2. Prior to beginning construction, the Contractor shall secure the assistance of the various utility companies (electric, gas, telephone, water, and sewer) in locating all existing underground utility lines on the project site.
3. The Contractor shall field verify all dimensions and existing equipment affecting the work under this Contract.
4. Due to the scale of this drawing, the irrigation system depiction is diagrammatic in nature and as such can not depict the exact location of valves, heads, lines or fittings.
5. No work is to commence until there is an approved set of shop Drawings.
6. All pipes and wires shall be sleeved when traveling below pavements.
8. Poured concrete thrust blocks shall be placed at the end of lines, 90 degree fittings and major tees.
9. Provide all sleeves under concrete slabs for alternate number 2 as part of base bid.
10. The irrigation system design is based on a water supply of 85 psi and 50 gpm at the inlet of the system master valve. Prior to beginning installation of the irrigation system, the Contractor shall determine the actual pressure and flow rate. If the pressure and/or the flow rate are below the above design figures, contact the Architect for necessary modifications to the system.

IRRIGATION PLAN AND ROOF PLAN

SCALE 3/32" = 1'

STATE OF NEW MEXICO — D. JAMES SEE — NO. 959 — REGISTERED ARCHITECT

Architect

STATE OF NEW MEXICO — PROFESSIONAL LANDSCAPE ARCHITECT

Engineer

Edith Cherry
D. James See
&
Associates
Architects
220A Gold Ave. S.W.
Albuquerque, NM. 87102
505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
IRRIGATION PLAN

1 2 3 4 5 6 7 8 9 10 11 12
26 28 0D 08 88

Date
OCT 5, 1988
Revisions

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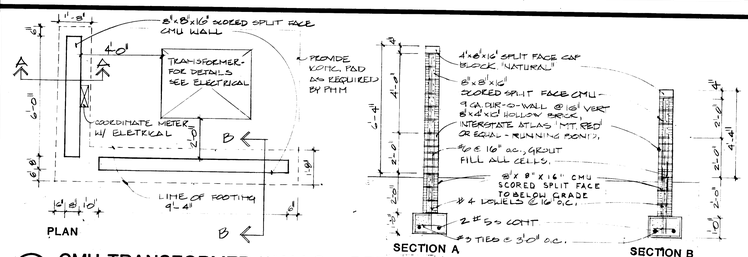
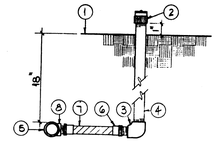
of
30



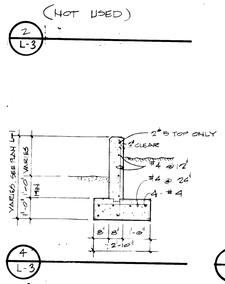
1 / L-3 **CMU TRANSFORMER WALLS - DETAILS**

3/8" = 1'-0"



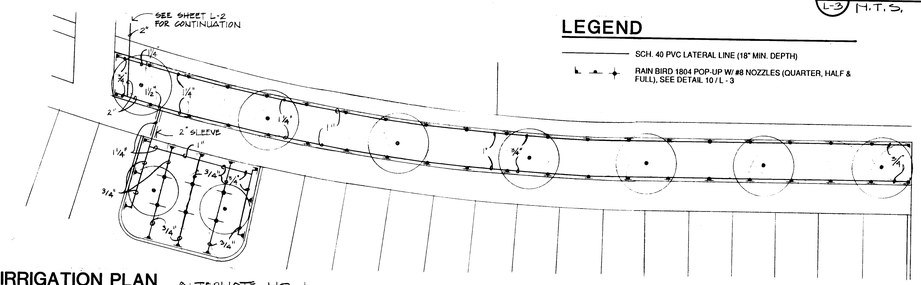
6 / L-3 **FLOOD BUBBLER** M.T.S.

2 / L-3 (NOT USED)



4 / L-3

2 / L-3 (NOT USED)



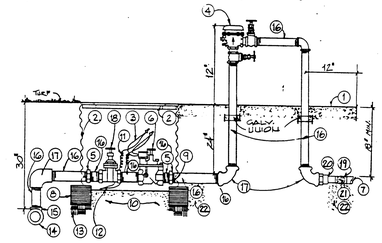
LEGEND

SCH. 40 PVC LATERAL LINE (18" MIN. DEPTH)

RAIN BIRD 1804 POP-UP W/ #8 NOZZLES (QUARTER, HALF & FULL), SEE DETAIL 10 / L - 3

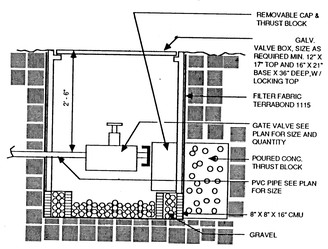
5 / L-3 **IRRIGATION PLAN** ALTERNATE NO. 1

3/32" = 1'-0"



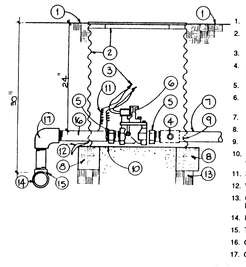
1. FINISHED GRADE
2. CORRUGATED STEEL VALVE BOX, BASS & HAYES 55C
3. CONTROL WIRE W/ DRI-SPLICE CONNECTORS
4. PRESSURE VACUUM BREAKER, SEE PLAN FOR SIZE & TYPE
5. GALV. UNION
6. AUTOMATIC VALVE, SEE PLAN FOR SIZE & TYPE
7. IRRIGATION MAIN LINE
8. 8" X 8" X 16" CMU
9. CUT OUT FOR PIPE
10. 2 CUBIC FEET OF 1" DIA. WASHED GRAVEL
11. 36" WIRE EXPANSION COIL
12. WIRE BUNDLE
13. COMPACT SUBGRADE TO 95% OF MODIFIED PROCTOR DENSITY
14. MAIN WATER LINE
15. MAIN LINE TEE
16. GALV. NIPPLE
17. GALV. ELL
18. BRASS GATE VALVE
19. SCH. 40 PVC TEE
20. PVC MIP ADAPTER
21. AUTO KING DRAIN
22. 1 CUBIC FOOT OF 1" DIA. WASHED GRAVEL

7 / L-3 **MASTERVALVE ASSEMBLY W/ PVB** M.T.S.



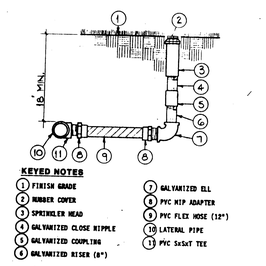
8 / L-3 **GATE w/ THRUST BLOCK**

3/4" = 1'-0"



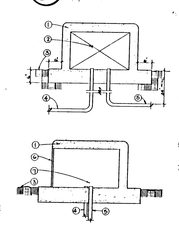
9 / L-3 **AUTOMATIC VALVE**

3/4" = 1'-0"

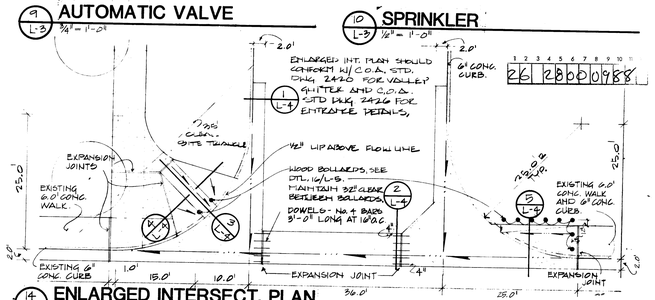


10 / L-3 **SPRINKLER**

1/2" = 1'-0"

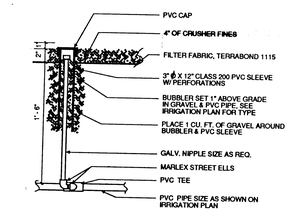


13 / L-3 **AUTOMATIC CONTROLLER VAULT** M.T.S.



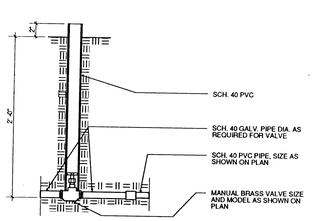
14 / L-3 **ENLARGED INTERSECT. PLAN**

SCALE 1" = 10'-0"



11 / L-3 **BUBBLER**

1½" = 1'-0"



12 / L-3 **MANUAL VALVE**

1½" = 1'-0"

STATE OF NEW MEXICO
D JAMES SEE
NO 959
REGISTERED ARCHITECT
Architect
Engineer
Edith Cherry
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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
SITE DETAILS

Date
OCT. 3, 1988
Revisions

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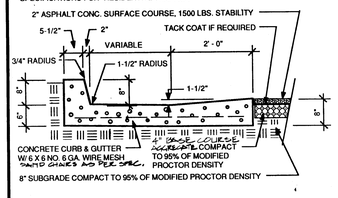
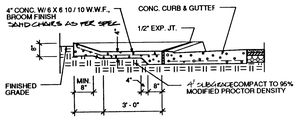
of
30

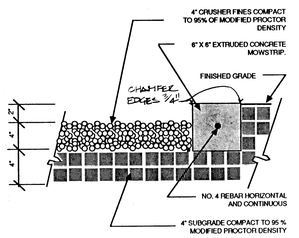
ALL ASPHALTIC CONCRETE MATERIALS TO MEET "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION" SPECIFICATIONS FOR "RESIDENTIAL TRAFFIC".



1 INTERSECT. CURB & GUTTER
L-4 — 3/4" = 1'-0"

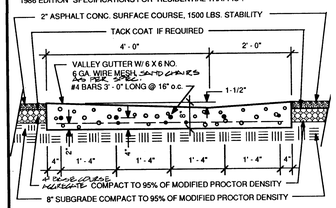


5 HANDICAPPED CURB RAMP
L-4 — 3/8" = 1'-0"

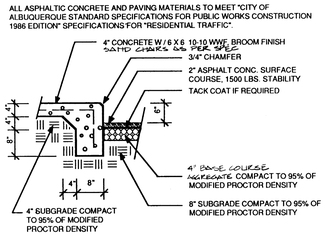


9 CRUSHER FINES PATH
L-4 — N.T.S.

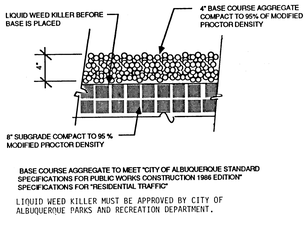
ALL ASPHALTIC CONCRETE AND PAVING MATERIALS TO MEET "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION" SPECIFICATIONS FOR "RESIDENTIAL TRAFFIC".



2 VALLEY GUTTER
L-4 — 3/4" = 1'-0"



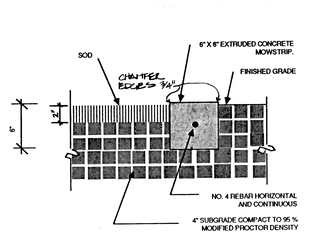
6 CONC. WALK/CURB
L-4 — 3/4" = 1'-0"



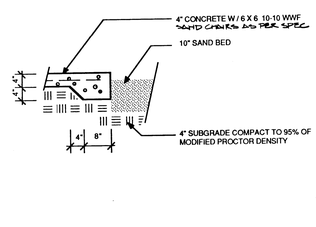
BASE COURSE AGGREGATE TO MEET "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION" SPECIFICATIONS FOR "RESIDENTIAL TRAFFIC"

LIQUID WEED KILLER MUST BE APPROVED BY CITY OF ALBUQUERQUE PARKS AND RECREATION DEPARTMENT.

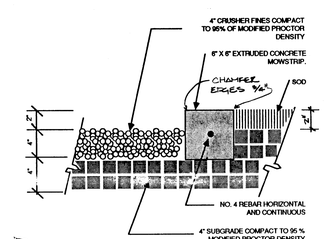
10 GRAVEL PARKING LOT
L-4 — 1/2" = 1'-0"



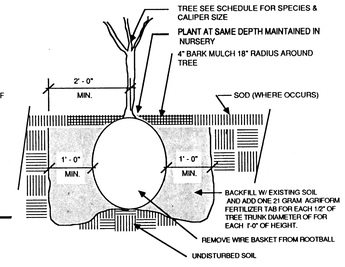
13 SOD W/ CONC MOWSTRIP
L-4 — N.T.S.



14 CONC. WALK/ SAND BED
L-4 — 3/4" = 1'-0"



17 CRUSHER FINES WALK
L-4 — N.T.S.

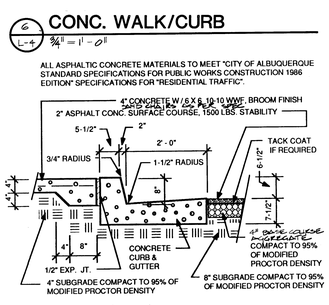


18 TREE PLANTING
L-4 — 3/4" = 1'-0"

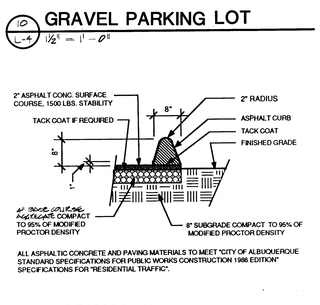
1/2" EXP. JT.
4" CONC. W/ 6 X 6 10 / 10 W.W.F., BROOM FINISH SAND CHAIRS AS PER SPEC
12 : 1 MAX. SLOPE
CONC. CURB & GUTTER
1/2" LIP ABOVE FLOW LINE
1/2" EXP. JT.
4" SUBGRADE COMPACT TO 95% MODIFIED PROCTOR DENSITY
12' - 0"

NOTE FOR LOCATION OF BOLLARDS, SEE 14/L-3.

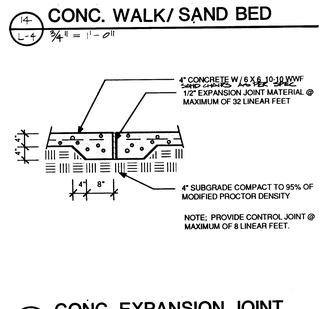
3 HANDICAPPED CURB RAMP
L-4 — 3/8" = 1'-0"



7 CONC. CURB AND GUTTER
L-4 — 3/4" = 1'-0"



11 ASPHALT CURB
L-4 — 3/4" = 1'-0"



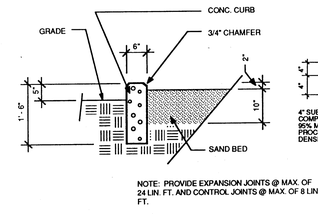
ALL ASPHALTIC CONCRETE AND PAVING MATERIALS TO MEET "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION" SPECIFICATIONS FOR "RESIDENTIAL TRAFFIC".

12 CONC. WALK
L-4 — 3/4" = 1'-0"

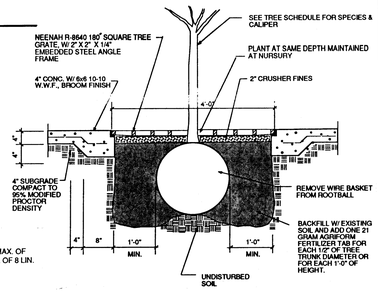
16 CONC. HEADER CURB
L-4 — 3/4" = 1'-0"

NOTE; PROVIDE CONTROL JOINT @ MAXIMUM OF 8 LINEAR FEET.

15 CONC. EXPANSION JOINT
L-4 — 3/4" = 1'-0"

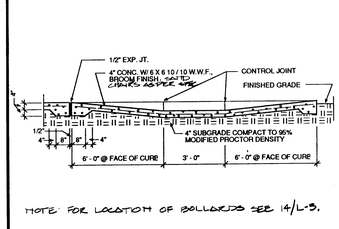


NOTE: PROVIDE EXPANSION JOINTS @ MAX. OF 24 LIN. FT. AND CONTROL JOINTS @ MAX. OF 8 LIN. FT.



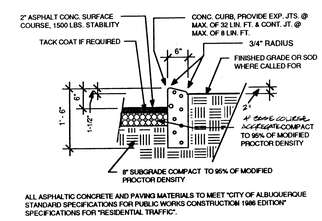
19 TREE PLANTING
L-4 — 3/4" = 1'-0"

4 HANDICAPPED CURB RAMP
L-4 — 3/8" = 1'-0"



NOTE: FOR LOCATION OF BOLLARDS SEE 14/L-3.

8 CONC. HEADER CURB
L-4 — 3/4" = 1'-0"



ALL ASPHALTIC CONCRETE AND PAVING MATERIALS TO MEET "CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1986 EDITION" SPECIFICATIONS FOR "RESIDENTIAL TRAFFIC".

STATE OF NEW MEXICO REGISTERED ARCHITECT JAMES D SEE NO. 995

Architect

Engineer

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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
SITE DETAILS

Date
OCT. 5, 1988
Revisions

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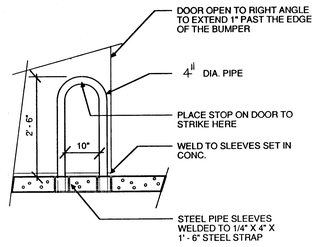
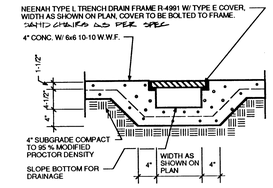
of
5 30

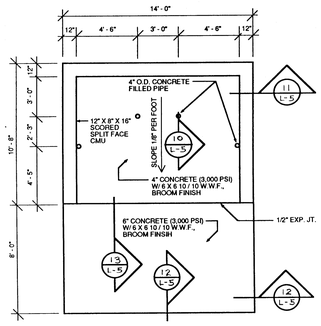
1 2 3 4 5 6 7 8 9 10 11 12
26 28 0 1 1 0 8 8



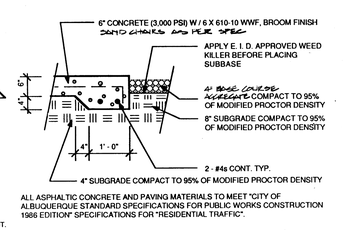
1 L-5 HAIRPIN DOOR BUMPER
3/4" = 1'-0"



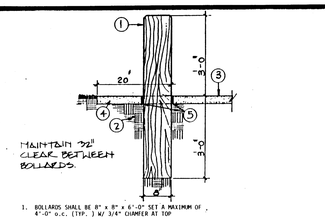
5 L-5 TRENCH DRAIN - E COVER
1" = 1'-0"



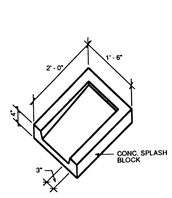
9 L-5 TRASH BIN SCREEN PLAN
1/4" = 1'-0"



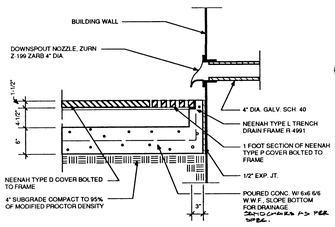
12 L-5 CONCRETE PAD
3/4" = 1'-0"



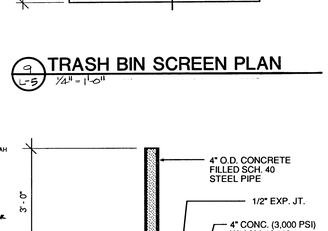
16 L-5 BOLLARD DETAIL
N.T.S.



2 L-5 CONCRETE SPLASH BOX
3/4" = 1'-0"

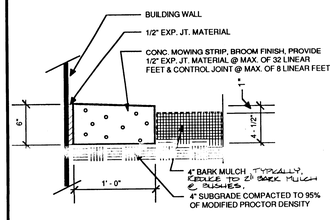


6 L-5 TRENCH DRAIN W/ D.S.
1" = 1'-0"

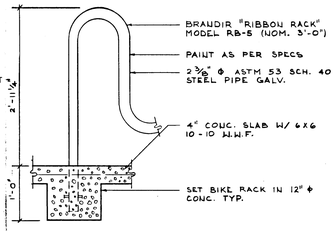


13 L-5 CONC PAD EXPANSION JOINT
3/4" = 1'-0"

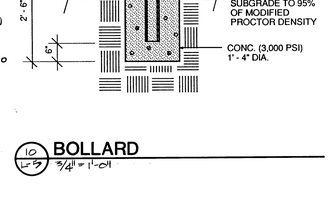
(NOT USED)



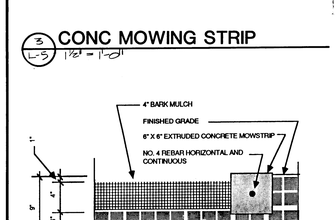
3 L-5 CONC MOWING STRIP
1 1/2" = 1'-0"



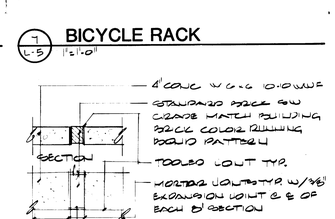
8 L-5 BICYCLE RACK
1" = 1'-0"



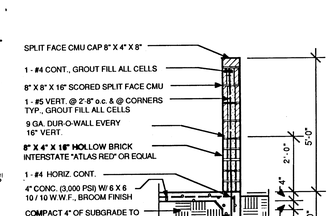
11 L-5 WALL SECTION
1 1/2" = 1'-0"



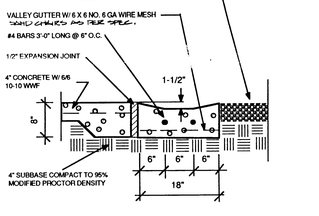
4 L-5 PLANT BED
1 1/2" = 1'-0"



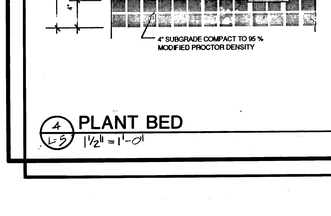
5 L-5 BRICK EXPANSION JOINT



14 L-5 TRENCH DRAIN - D COVER
1" = 1'-0"



18 L-5 VALLEY GUTTER
1" = 1'-0"



15 L-5 CONCRETE STEPS
1/2" = 1'-0"

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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
SITE DETAILS

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2 6 2 8 0 0 1 1 8 8

Date
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of
5 5 5

NOTES

1. Contractor must visit the site and determine the extent of the work prior to bidding the project.
2. Clearing and Grubbing: Clear site of trees, shrubs and other vegetation. Completely remove stumps, roots, and other debris protruding through ground surface. Grub to a depth of 12" below existing grade. Use only hand methods for grubbing inside drip line of trees indicated to be left standing. Grub an area extending a minimum of 10' beyond the perimeter of the Basketball Court. See Sheet C-1 & 2 for extent of site work and grading.
3. Grade the area for the Basketball Court extending a minimum of 10' beyond the perimeter of the court to a tolerance of ± 1" in accordance with sheet C-2.
4. Recompact the soil to 95% modified proctor density. The Owner will furnish density tests at locations to be determined by the Testing Laboratory technician and at the rate specified in the earthwork section of the specifications.
5. Provide a 4" lift of 3/4" gravel over the compacted earth located beneath the slab area. Compact the 4" gravel lift to 95% modified proctor density and provide 4 additional Compaction Tests as described above.
6. The Testing Laboratory must provide the Contractor and the Architect with results of all tests. No further work may proceed until the proper test results are achieved at each step. The Contractor is responsible for any additional tests required to reach the specified compaction.
7. All edges must be formed straight and true with a maximum of 1/4" variance in 10'-0" in any direction. Provide a broom finish with a maximum tolerance of 1/4" in 10'-0". Provide slopes as shown on Sheet C-3.
8. All concrete to be ASTM C 150, Type I, 4000 PSI, 3/4" aggregate, and with a maximum of 6% air entrained. Slump to be not less than 1" or more than 4".
9. Cold Weather Placing: As per concrete specifications.
10. Hot Weather Placing: As per concrete specifications.
11. Curing method: Perform curing of concrete by curing moisture-retaining cover as follows:

    Cover concrete surface with 6 mil. plastic, placed in widest practicable width with sides and ends lapped at least 3" and sealed by waterproof tape or adhesive. Immediately repair any holes or tears during curing period. Cover entire slab with 4" bed of clean earth. Maintain cover and earth bed for 28 day period.
12. Court Markings:

    Cleaning: Sweep and clean surface to eliminate loose material and dust.

    Striping: Use acrylic based Recreational Surface Paint, factory mixed, quick drying, and non-bleeding.

    Color: White
    Width: 2"

    Apply paint with mechanical equipment to produce uniform straight edges. Apply in 2 coats at manufacturer's recommended rates.
13. Exterior paint Systems: Provide following paint systems for various substrates, as indicated. All numbers refer to products of Pittsburgh Paint except as noted.

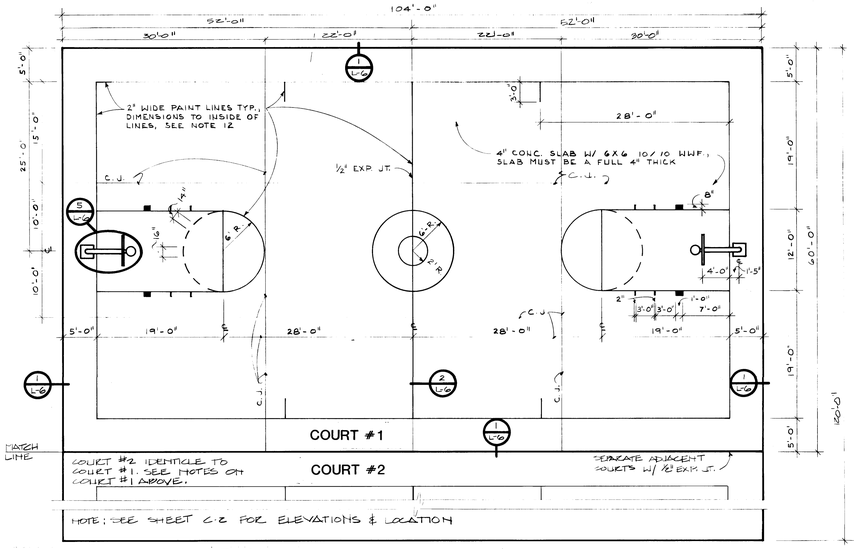
    Ferrous Metal: Clean ferrous surfaces, which are not galvanized or shop-coated, of oil, grease, dirt, loose mill scale and other foreign substances by solvent or mechanical cleaning.

    1st Coat -- 6-208 Red or 6-212 White Inhibitive Primer
    2nd Coat -- 1-110 Series Exterior Semi-Gloss Alkyd
    3rd Coat -- 1-110 Series Exterior Semi-Gloss Alkyd

    Zinc Coated Metal: Clean Galvanized surfaces free of oil and surface contaminants with non-petroleum based solvent.

    1st Coat -- 6-209 Galvanized Iron Primer
    2nd Coat -- 1-110 Series Exterior Semi-Gloss Alkyd
    3rd Coat -- 1-110 Series Exterior Semi-Gloss Alkyd

    8" dia. std. steel pipe basketball goal support, struts, and base plate shall be painted Shadow Black #77-607.



BASKETBALL COURT PLAN — TYPICAL FOR 2 BASKETBALL COURTS

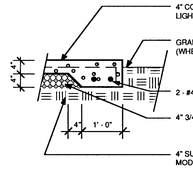
SCALE 1/8" = 1'-0"

LEGEND

C.J. CONTROL JOINT

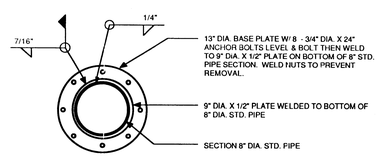
ALTERNATE NO. 3

CONSISTS OF 2 BASKETBALL COURTS AS LOCATED ON THE SITE PLAN, SHEET C-2. ALTERNATE INCLUDES ALL NECESSARY EARTHWORK, CONCRETE AND STEEL WORK AND EXTERIOR LIGHTING AND ELETRICAL WORK, SHEET E1. SEE SPECIFICATIONS MANUAL FOR FURTHER INFORMATION.



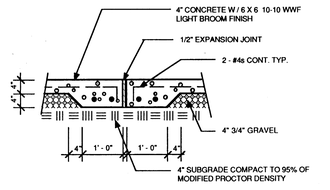
1 SLAB EDGE DETAIL

3/4" = 1'-0"



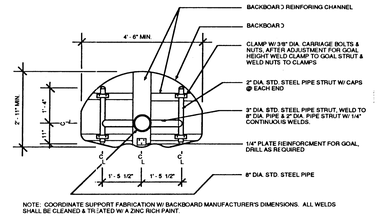
3 POST BASE DETAIL

1½" = 1'-0"



2 EXPANSION JOINT DETAIL

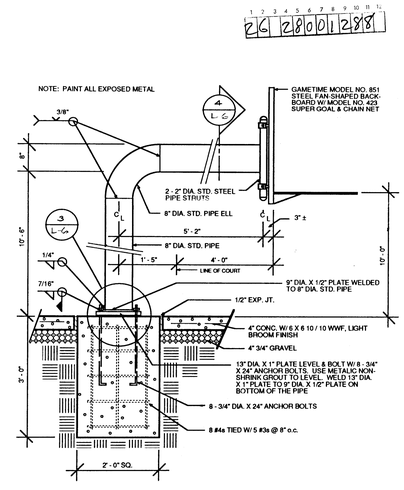
3/4" = 1'-0"



NOTE: COORDINATE SUPPORT FABRICATION W/ BACKBOARD MANUFACTURER'S DIMENSIONS. ALL WELDS SHALL BE CLEANED & TREATED W/ A ZINC RICH PAINT.

4 BACKBOARD DETAIL

½" = 1'-0"



5 GOAL SUPPORT DETAIL (4 TOTAL)

3/4" = 1'-0"

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Title of Sheet
ALTERNATE #1 DETAILS

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OCT. 3, 1988
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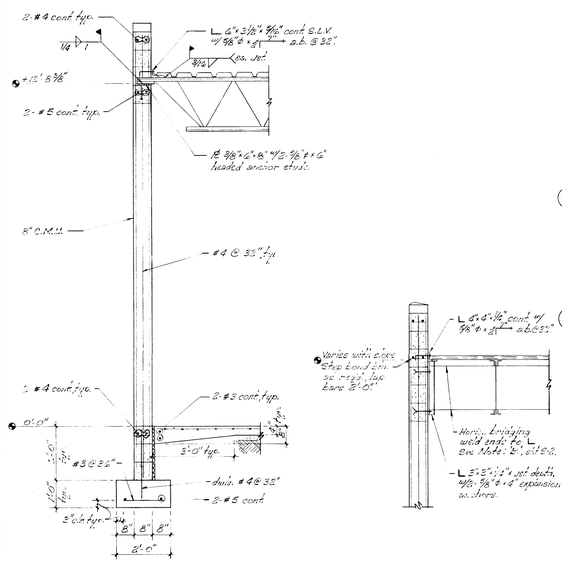

Architect

REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO 3273 ROBERT KRAUSE

Engineer

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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
ROOF FRAMING PLAN & SECTIONS

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

Date
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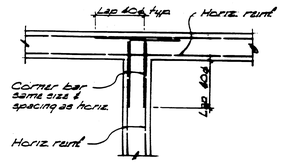
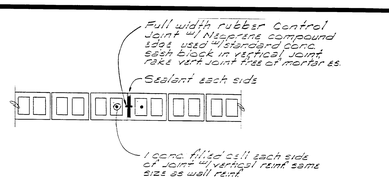
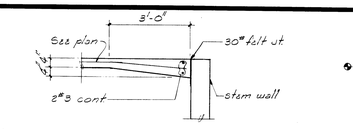


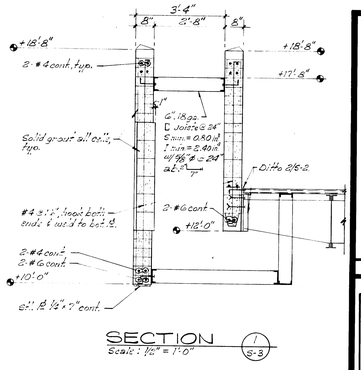
TYP. INTERSECTION @ FOOTINGS & STEM WALLS



TYP. MASONRY WALL CONTROL JT. (mcj)



TYPICAL SLAB JOINT AT STEM WALL



SECTION 1/S-3
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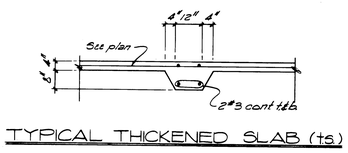
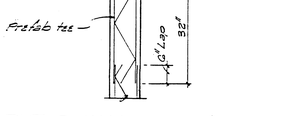
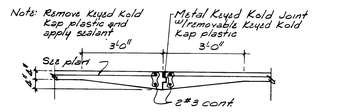


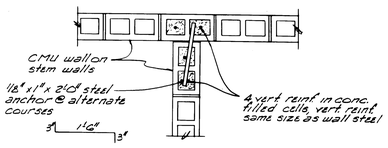
TYPICAL THICKENED SLAB (ts)



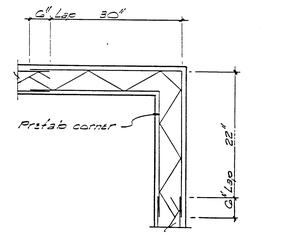
TYP. DUR-O-WAL INTERSECTION



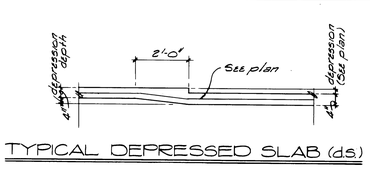
TYPICAL CONSTRUCTION JOINT (cj)



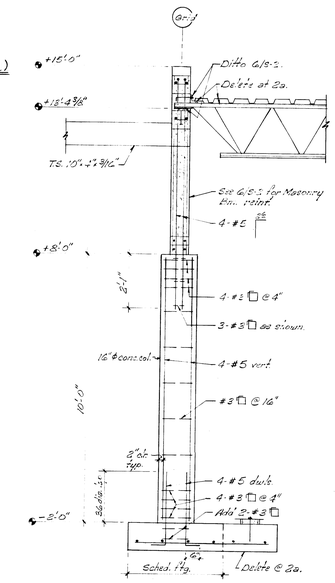
TYPICAL INTERSECTION AT C.M.U. WALLS



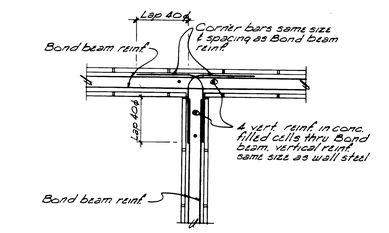
TYPICAL DUR-O-WAL CORNER



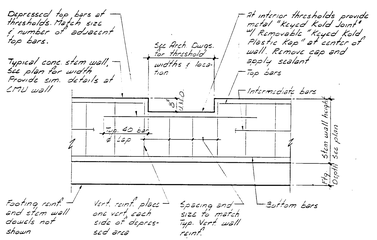
TYPICAL DEPRESSED SLAB (ds)



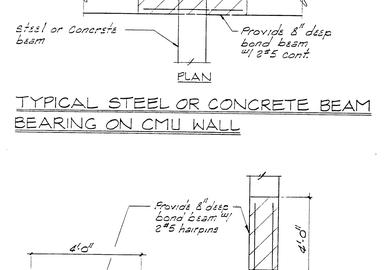
SECTION 2/S-3 2a/S-3
Scale: 1/2" = 1'-0"



TYPICAL INTERSECT AT BOND BEAMS

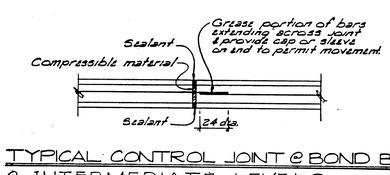


TYPICAL THRESHOLD REINF. DETAIL

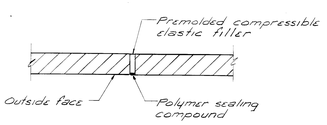


TYPICAL STEEL OR CONCRETE BEAM BEARING ON CMU WALL

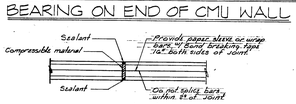
TYPICAL STEEL OR CONCRETE BEAM BEARING ON END OF CMU WALL



TYPICAL CONTROL JOINT @ BOND BEAM @ INTERMEDIATE LEVELS



TYPICAL BRICK EXPANSION JT. (b.e.j.)



TYPICAL CONTROL JOINT @ BOND BEAM @ JST. BRG. LEVEL & FLOOR LEVEL

Architect

REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO 3273 SCHERRY CRALLE

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Title of Sheet
SECTIONS & TYPICAL DETAILS

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of
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9 2 3 4 5 6 7 8 9 10 11 12
26 28 0 1 5 8 8

GENERAL NOTES

GENERAL:

1. Where conflicts occur between specs, referenced codes, notes and working drawings, the most stringent requirements shall apply.
2. Mechanical Contractor shall provide support for equipment to the building structure. Mechanical Contractor shall furnish all necessary structures, inserts, sleeves, and hanging devices for installation of mechanical and plumbing equipment, ductwork and piping, etc. Contractor shall completely coordinate installation of such devices with all trades and Sub-Contractors. Contractor must further verify with the Architect that the devices and supports are adequate as intended and do not overload the building's structural components in any way.
3. General Contractor shall be responsible for the coordination with all subcontractors and fabricators for all openings required in floors, roofs and walls for mechanical, plumbing, architectural and electrical items. The Structural Drawings indicate openings larger than 1'-0" for the convenience of the General Contractor; however, these shall not be construed to indicate the exact number,size, and location of all such openings; it is the General Contractor's responsibility to provide all openings shown on the Architectural, Mechanical, Plumbing and Electrical Drawings. Openings 1'-0" and smaller are not shown on the Struetural Drawings, and it shall be the General Contractor's responsibility to determine the number, size and location of all such openings from the Architectural, Mechanical, Plumbing and Electrical Drawings, and incorporate them into the structural drawings and build them into the structure. The cost of all openings and penetrations shall be included in the original bid price.
4. The approximate weight and location of mechanical units and piping are shown on plan. The approximate location of roof and wall openings are shown on plan. All these items shall be verified by the General Contractor prior to fabrication of the structural elements. The Structural Engineer shall be notified by the General Contractor in writing of any increased weights and sizes or revised mechanical equipment locations and openings.

FIELD VERIFICATION:

Contractor shall thoroughly inspect and survey the site to verify conditions which affect the work shown on the drawings. Contractor shall report any variations or discrepancies to the Architect before proceeding.

STRUCTURAL ERECTION AND BRACING REQUIREMENTS:

The structural drawings illustrate the completed structure with all elements in their final positions, properly supported and braced. The Contractor, in the proper sequence, shall provide proper shoring and bracing as may be required during construction to achieve the final completed structure. Do not backfill against crawl space walls or retaining walls until supporting slabs and floor framing are in place and securely shored, unless adequate bracing is provided. Temporary bracing shall remain in place until all floors, walls, roofs and any other supporting elements are in place.

SHOP DRAWINGS:

Furnish one sepia and one print of shop and erection drawings to the Structural Engineer for review prior to fabrication. Submit in a timely manner to permit ten working days for review by the Structural Engineer. The General Contractor and his Subcontractors shall submit in writing any requests to modify the plans or specifications. Shop and erection drawings shall be submitted for the following items: Concrete and masonry reinforcement, structural and miscellaneous steel, steel bar joists, light gage steel studs and joists, steel deck, masonry and concrete construction or control joint layout, and anchor bolt placement.

CONCRETE:

1. All concrete shall be hardrock (150#/Ft) f'c 4000 psi at 28 days, unless noted otherwise.
2. Concrete proportions, mixing, placing, curing, form-work, construction joints, etc., shall comply with all applicable provisions of the ACI Code ACI-301-80 and the ACI Standards.
3. Unless noted or detailed, provide corner bars the same size and spacing as the horizontal reinforcing at the corners and intersection of all walls, beams, bond beams, slabs, turndowns and footings.
4. General Contractor shall furnish and install all welding inserts, etc., that are cast in place. Steel Fabricator shall provide nail holes in all cast in place items as required.
5. Form all footings, stem walls and other concrete structural elements.

CONCRETE FOOTINGS:

1. Unless dimensioned otherwise, center continuous wall footings on wall.
2. Where column and wall footings intersect,cast these monolithically and continue wall footing reinforcing thru the column footing.
3. Center column footings about column center lines both ways unless dimensioned otherwise.
4. Unless otherwise noted, drop the top of all stem walls the thickness of the floor slab at all door and wall openings.
5. Provide vertical dowels in continuous footings same size and spacing as the vertical wall steel.

CONCRETE SLABS:

1. Slabs on grade shall have typical construction joints at 30 feet center (maximum) in each direction unless otherwise noted or detailed.
2. Soil under slabs on grade and footings shall be compacted as specified. Soil compaction tests shall be taken as specified.
3. All slabs on grade are 6" thick and reinforced with 6 X 6 - W1.4 X W1.4 unless otherwise noted or detailed.

CONCRETE REINFORCEMENT:

1. No bending or fabrication of rebar will be permitted on the job site.
2. All concrete reinforcing steel details not specifically noted or detailed shall be in accordance with notes and details already shown as applicable.
3. Reinforcing steel shall comply with all applicable provisions of the ACI Code ACI-318-80, the ACI detailing manual ACI-315-80 and the C.R.S.I. design handbook.
4. Unless otherwise noted or detailed, the reinforcement of footings and other principal structural members in which the concrete is deposited against the ground shall have not less than 3 inches of concrete between it and the ground contact surfaces. If concrete surfaces after removal of the forms are to be exposed to the weather or be in contact with the ground, the reinforcement shall be protected with not less than 2 inches of concrete for bars larger than #5 and 1½" for #5 bars or smaller.
5. All reinforcing steel shall be ASTM-A-615-60 except ties, stirrups and lugs welded to plates may be A-615-40.

MASONRY WALLS:

1. Unless otherwise noted, provide galvanized standard truss type dur-o-wal at alternate courses for horizontal reinforcing in masonry.Provide continuous bond block concrete filled with 2#4 continuous at top of all masonry walls and 2#5 cont all sides at joist bearing elevations. Extend verticals thru bond block courses unless otherwise noted or detailed.
2. Unless noted or detailed, vertical reinforcing in all masonry wall shall be:

   8" wall - #4, 6" wall - #4, 8" wall - #4, 12" wall - #6
   3 verticals at all corners
   1 vertical at end of all discontinuous wall runs
   1 vertical each side of all masonry wall openings
   1 vertical at 32" o.c. in all straight wall runs
   1 vertical each side of all control joints
   Provide vertical dowels same as vertical bars top and bottom of each vertical extending 30 dia. into abutting construction 40 dia. into concrete filled cells. Fill all cells full in masonry walls with concrete where verticals occur. Lap vertical splices 40 dia. All splices shall be securely tied with wire.
3. Unless otherwise shown, provide masonry control joints, full width rubber control joint on masonry walls at the following locations:
   @ 12'-0" from all corners U.N.O. See plan.
   @ 32'-0" o.c. in all straight wall runs U.N.O. See plan.
4. All masonry work shall have a minimum of ½" clearance to steel construction.
5. Where masonry walls abut concrete columns or walls, provide continuous dovetail anchor strip in concrete.
6. Where veneered masonry face is placed adjacent to concrete walls, provide dovetail slots in concrete walls spaced at 24" o.c.
7. Place vermiculite insulation in all cells not filled with concrete.
8. Masonry cells to be filled with concrete at vertical reinforcing shall be filled prior to placing sand, vermiculite or loose insulation in unreinforced cells.
9. Provide continuous wire lath grout barriers below bond beams.
10. Grout f'_c = 3000 psi at 28 days. Mortar Type M or Type S, f'_c = 1800 psi (minimum) at 28 days.

STEEL, GENERAL:

1. All structural steel shapes shall be A36 steel, unless noted otherwise.
2. Shop and field fabrication and erection of structural steel shall comply with the current A.I.S.C. specifications for the "Design, Fabrication, and Erection of Structural Steel for Buildings".
3. All anchor bolts shall be A307.
4. Steel joists shall be anchored or welded to supporting members. Provide sloped bearings at joists sloped more than ½" per ft.
5. Provide camber for all steel joists as required by the Steel Joist Institute.
6. At joists bearing on steel beam, provide 2-½" dia. field bolts where joists occur adjacent to steel column.
7. Metal Deck Note:

   For 1½" Type B Deck:

   Deck welds shall be ⅝ inch diameter plug welds spaced as follows:
   1. 12 inches o.c. max. @ all deck bearing points
   2. 12 inches o.c. max. @ all sides along building perimeter
   3. Button punch sheet laps parallel to deck @ 18 inches o.c.

   Provide galvanized weld washers @ all deck 20 ga. or less.

   Provide 2" end overlap.
8. Provide continuous angle support at all edges of all metal deck unless otherwise provided.

STEEL COLUMNS:

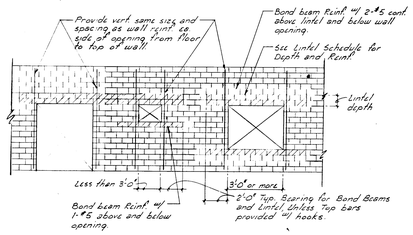
1. After columns are set and plumbed, fill under base plate with non-shrink grout.
2. All structural steel details not specifically noted or detailed shall be in accordance with notes and details already shown as applicable.
3. Connection details may be opposite hand, or may not be identical to the detail as drawn but indicate the general connection concept.

STEEL CONNECTIONS:

1. Where practical for erection, angle and plate connections shall be shop welded to one member to minimize bolted connections.
2. All welds shall be made by currently certified welders.
3. Unless otherwise noted or detailed, connections shall be made with ASTM A325 high strength bolts with heavy hex A325 nuts and hardened washers. The maximum number of bolts shall be used in wide flange member connections. All connections shall comply with the " A.I.S.C. Manual of Steel Construction" and "Specification for Structural Joints Using ASTM A325 Bolts", Test to Table 3, Fastener Tension.
4. All high strength bolted connections shall be field tested by a testing agency approved by the Structural Engineer. A minimum of 10% of all connections and 2 bolts in every connection shall be tested.
5. All concrete or cmu to steel anchor bolts shall be,ASTM A307 with double nuts and washers.
6. Fabricator shall locate and design field splices for his convenience in shipping and/or erection. These splices shall be designed for field welding and shall be approved by the Structural Engineer.

COLD FORMED LIGHT GAGE METAL FRAMING

1. Materials and computation of sectional properties shall conform with A.I.S.I. "Specification for the Design of Light Gage Cold-Formed Steel Structural Members", latest edition.
2. Welding shall be in accordance with AWS D1.3 - latest edition of the American Welding Society.
3. Power driven fasteners:
   a. Concrete - minimum 1-1/8" penetration. ICBO approval for shear of 225 pounds.
   b. Steel - ICBO approval for shear of 330 pounds.
4. See Minimum Fastening Schedule - Light Gage Metal Framing for connections not called out.
5. Detail concepts not specifically called out shall be in accordance with manufacturer's recommendations.
6. All structural light gage members shall be galvanized.
7. Studs shall be channel type with stiffened flanges, punched. Joists and lintel members shall be channel type, with stiffened flanges, unpunched. Provide web stiffeners, per manufacturers' recommendations, at concentrated loads and end supports.
8. All 18 gage and lighter members shall be F_y = 33 ksi steel. All 16 gage and heavier members shall be F_y = 50 ksi steel, conforming to ASTM A570.
9. Light gage steel supplier shall design required lintels over openings where not specifically detailed. Provide minimum of one 16 gage bearing stud at all lintel end supports.
10. Provide 3 rows of continuous bridging in all bearing studs, per manufactuers' recommendations, between foundation stem and joist bearing. Provide 2 rows of continuous bridging in all non-bearing studs, between foundation stem and roof deck level.



TYP. REINF. AT CMU WALL PENETRATIONS

MINIMUM FASTENING SCHEDULE
LIGHT GAUGE METAL FRAMING

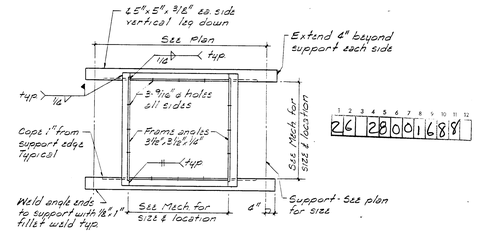
MEMBER CONNECTION	FASTENERS		
	SCREWS	WELDS	POWER DRIVEN FASTENERS
Runner Track to conc. slab or panels			0.145" min shank ⅞" min. penetration @ 2'-0" o.c.
Stud to Runner Track	#10-16 self drilling screws (D=0.158") ea. stud flange to track	½" Fillet x 1" long ea. stud flange to track	
Runner Track to Structural Steel Member		⅜" ϕ Plug @ 12" o.c. or ½" Fillet x 1" long @ 12" o.c.	
Stud to Structural Steel Member		⅜" ϕ Plug or ½" Fillet x 1" long	
Multiple Stud or Joist Flange Connections		½" Flare groove x 1" long @ 12" o.c. ea. Flange	
Stud to Stud	2-#10-16 self drilling screws (D=0.158")	½" Flare Bevel groove x 1" long ea. side of stud	
Bridging to Stud	4-#8-18 self drilling screws (D=0.138") Using Bridging clips	3-½" Fillet x ¾" long using Bridging clips	
Bridging to Joist		½" Fillet x 1" long Top & Bottom	

1. Use these connections unless noted otherwise on drawings.
2. Power Driven fasteners to have I.C.B.O. Approval of 225 lbs. shear min.
3. Minimum light gauge metal thickness is 20 ga.

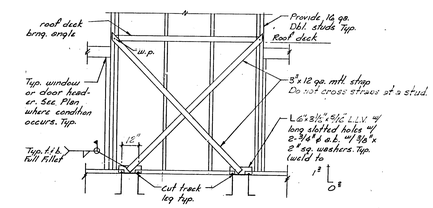
CMU LINTEL SCHEDULE UNLESS OTHERWISE DRAWN OR NOTED

CLEAR SPAN	LINTEL BLK. DEPTH NOTE 1	TOP REINF.	BOTT. REINF.	TYP. BEARING STRAIGHT BARS	TYP. BEARING W/ HOOKED TOP BARS NOTE 2
3'-0"	8"	2-#5	2-#5	2'-0"	8"
4'-0"	8"	2-#5	2-#5	2'-0"	8"
6'-0"	12"	2-#5	2-#5	2'-0"	12"
8'-0"	16"	2-#6	2-#6	2'-0"	16"
10'-0"	16"	2-#6	2-#7	2'-0"	16"

Note:1 Lintel Blk. width shall equal wall width
Note:2 Top bars shall have Std. 90° hooks where reinf. cannot extend 2'-0" beyond wall opening.



TYPICAL FRAMING DETAIL OF 1'-0" AND LARGER OPENINGS IN METAL DECK



TYP. STRAP BRACING DETAIL

Architect
REGISTERED PROFESSIONAL ENGINEER STATE OF NEW MEXICO 3273 RONALD R. KALISH
Engineer

Edith Cherry
D. James See
&
Associates
Architects
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Albuquerque, NM. 87102
505 842 1278

CHECKED: R.D.K. | DRAWN: M.R.C.

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
GENERAL NOTES & DETAILS

Date
OCT 5, 1988
Revisions

Sheet
S-4
of
30

STATE OF NEW MEXICO
D. JAMES SEE
NO. 159
REGISTERED ARCHITECT

Architect

Engineer

Edith Cherry
D. James See
&
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Architects
220A Gold Ave. S.W.
Albuquerque, N.M. 87102
505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
ROOM FINISH & DOOR SCHEDULES

Date
OCT. 5, 1988
Revisions

Sheet
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of
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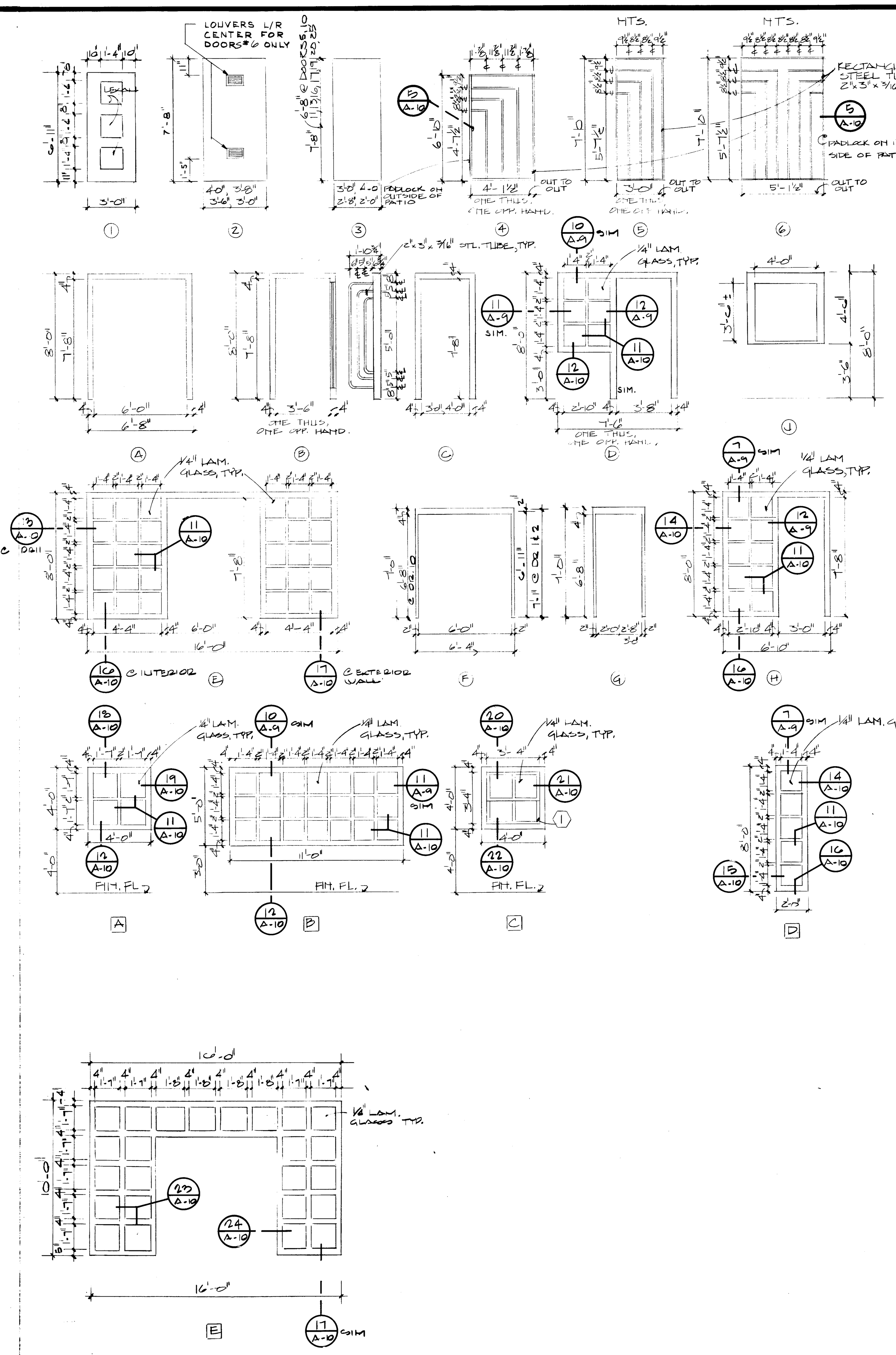


DOOR SCHEDULE

NO.	DOORS: SIZE W	SIZE H	SIZE T	MAT'L	TYPE	GLASS	LOUVER W	LOUVER H	FRAMES: MAT'L	TYPE	DETAIL NO. H	DETAIL NO. J	DETAIL NO. TH	LABEL	HARDWARE: HDWE SET #	KEYSIDE ROOM #	SIGN	REMARKS
1	PR.3'-0"	6'-11"	1 3/4"	HM	1	1/4" LEXAN MR5			HM	F	1/A-3	1/A-9	2/A-9		11	EXT.		
2	PR.3'-0"	6'-11"			1	1/4" LAM.				F	1/A-3	3/A-9	–		15	–		
3	3'-6"	7'-8"			2					B	4/A-9	5&6/A-9	–		6	PATIO		
4	3'-6"	7'-8"		HM	2					B	4/A-9	5&6/A-9	–		6	PATIO		
5	3'-0"	6'-8"		WD	3					G	7/A-9	8/A-9	–		9	103		
6	PR. 3'-0"	7'-8"		HM	2		12"	8"		A	9/A-9	5/A-9 SIM	2/A-9 SIM	1 HR	7	PATIO		
7	3'-8"	7'-8"			2					D	10/A-9	11&12/A-9	2/A-9		3	PATIO		
8	3'-8"	7'-8"			2					D	10/A-9	11&12/A-9	2/A-9		3	PATIO		
9	PR. 3'-0"	7'-8"		HM	2					E	10/A-9 SIM	12/A-9	2/A-9		11	EXT.		
10	PR. 3'-0"	6'-8"		WD	3					F	7/A-9	8/A-9	–	45 MIN.	5	114	STORAGE	SIGN SIDE ROOM # 114
11	3'-0"	6'-8"		WD	3					G	7/A-9	8/A-9	–		2	114	KITCHEN	SIGN SIDE ROOM # 114
12	PR. 3'-0"	7'-8"		WD	3					E	10/A-9	12/A-9	–		1	102	MULTI-PURPOSE	SIGN SIDE ROOM # 102
13	3'-0"	6'-8"		WD	3					G	7/A-9 SIM	13&14/A-9	-		10	–	WOMEN	SIGN SIDE ROOM # 102
14	3'-0"	7'-8"			3					C	10/A-9	15&16/A-9	-		8	102	MEETING ROOM B	
15	3'-0"	7'-8"			3					C	10/A-9	15&16/A-9	-		8	102	MEETING ROOM A	
16	2'-8"	6'-8"			3					G	7/A-9	20&21/A-9	-		12	102	JANITOR	
17	3'-0"	6'-8"			3					G	7/A-9	22/A-9 14/A-9 SIM	-		10	–	MEN	↓
18	3'-0"	7'-8"			3					H	7/A-9 SIM	12&23/A-9	-		2	102	OFFICE	SIGN SIDE ROOM # 102
19	4'-0"	6'-8"	↓	↓	3				↓	G	7/A-9	8/A-9	–		9	103		
20	2'-0"	6'-8"	1 3/4"	WD	3				HM	G	7/A-9 SIM	8/A-9 SIM	-		14	109		
21	3'-0"	7'-10"	3"	STL	5				—	—	24/A-9	6&25/A-9	-		—	–		
22	3'-0"	7'-10"	3"	STL	5				—	—	24/A-9	6&25/A-9	-		—	–		
23	PR. 5'-1 1/2"	7'-10"	3"	STL	6				—	—	1/A-10	2&3/A-10	4/A-10		13	PATIO		
24	PR. 5'-1 1/2"	7'-10"	3"	STL	6				—	—	1/A-10	2&3/A-10	4/A-10		13	PATIO		
25	2'-0"	6'-8"	1 3/4"	WD	3				HM	G	7/A-9	8/A-9	-		14	110		
26	PR.4'-1 1/2"	6'-10"	3"	STL	4				—	—	–	3&7/A-10	4/A-10		13	EXT.		
27	4'-0"	3'-0" ±	—	SS	AS FURN				SS	J	8/A-10	9/A-10	10/A-10			112		ROLL UP DOOR

NOTES

⟨1.⟩ Aluminum window equal to Milco Div. or Wausan Metals Corp. Single hung (tilt) series "W-28". Glaze with 1/4" laminated glass. AAMA Class A. with sash lock and lift handle. Furnish with primed finish. Field paint with hollow metal frames. See color schedule.

ROOM FINISH SCHEDULE

ROOM	RM #	FLOOR: 1 MUD MAT	2 VINYL COMP TILE	3 CARPET	4 SEALED CONCRETE	5 QUARRY OR CERAMIC TILE, AS NOTED	BASE: 1 4" COVED VINYL	2 COVED QUARRY TILE	3 COVED CERAMIC TILE	WALLS: 1	2 PAINTED 5/8" TYPE X GYP BRD.	3 8x8 GLASS BLOCK	4 PAINTED CMU	5 CERAMIC PORC. TILE	6 PAINTED 5/8" TYPE X GYP BRD ON 1/2" CDX PLYWOOD	7 FIREX "GLAS BORD" PANELS,	CEILINGS: 1 PAINTED 5/8" TYPE X GYP BRD.	2 2'x2' LAY IN TILE	3 2x4 LAY IN TILE	4	5	CEILING HT.	REMARKS
VESTIBULE	101	1					1				2						1					7'-1"	
FOYER	102		2				1				2	3	4				1					8' & 10'	
OFFICE	103			3			1				2								3			8'-0"	
CLOSET	104			3			1				2						1					8'-0"	
CLOSET	105			3			1				2						1					8'-0"	
MECHANICAL	106				4		1						4				1					8'-0"	
JANITOR	107		2				1				2						1					8'-0"	
MEN	108					5			3					5	6		1					8'-0"	CERAMIC TILE FLOOR
MEETING	109			3			1				2	3							3			10'-0"	
MEETING	110		2				1				2	3							3			10'-0"	
WOMEN	111					5			3					5	6		1					8'-0"	CERAMIC TILE FLOOR
KITCHEN	112					5		2			2					7	1					8'-0"	QUARRY TILE FLOOR
STORAGE	113		2				1				2						1					8'-0"	
MULTI-PURPOSE	114		2				1				2						1	2				10'-10"	SEE MECH & SKYLIGHT FURR DN. ON REFLECTED CEILING PLAN

NOTE: ROOMS 108 & 111 TO HAVE CERAMIC TILE FLOORS. SEE COLOR SCHEDULE FOR COLORS & PATTERN.

* 1x8 #2 COMMON OR BETTER ENGELMANN SPRUCE CEILINGS IN RANDOM 2'-0" MODULAR LENGTHS, BUTT JOINTS ONLY @ ROOF JOISTS AND NON REPETITIVE FOR A MIN OF 4, 1x8 CEILING ROWS. SET W/ 8d FINISH NAIL OR EQUAL. SET NAIL HEAD. PROVIDE 3/8" SPACE BETWEEN ROWS. FOIL VAPOR BARRIER TO BE PAINTED BLACK PRIOR TO INSTALLING 1x8's.

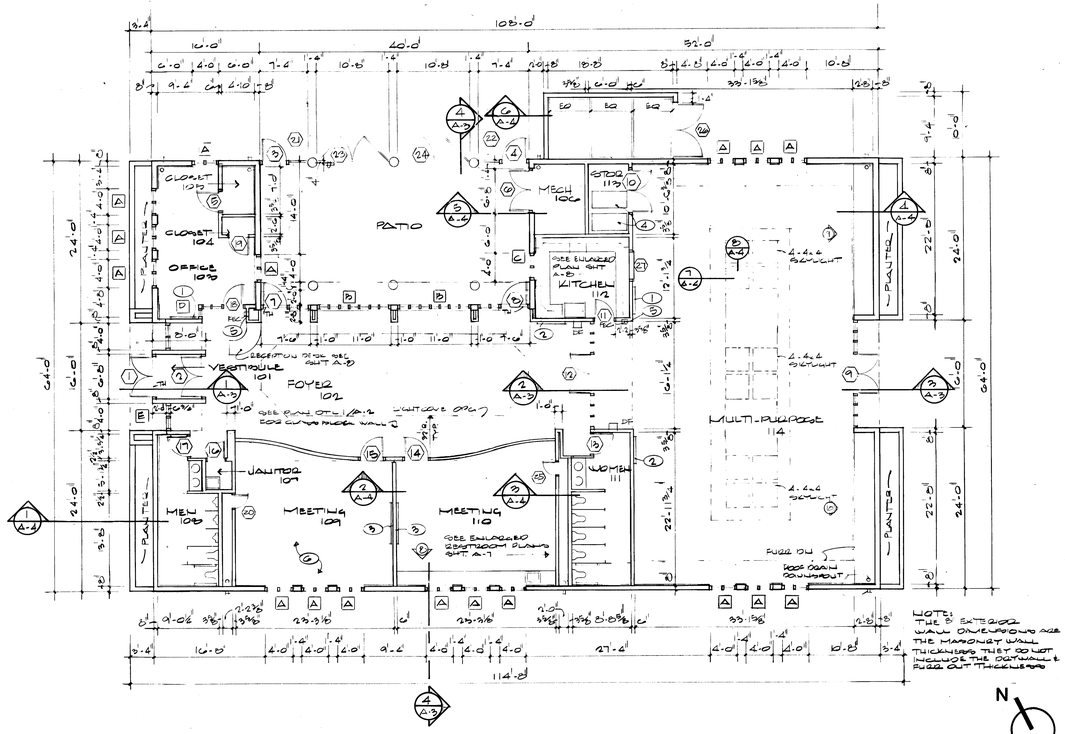
26 28001788

EQUIPMENT SCHEDULE ⬭

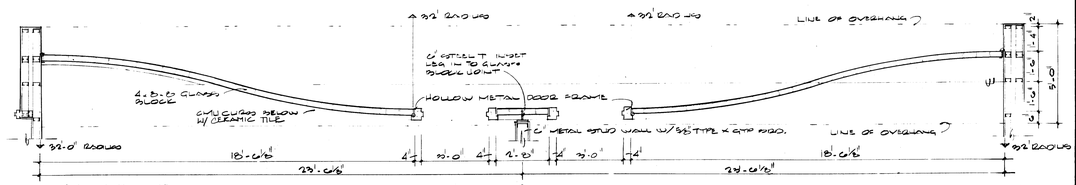
1. 4' x 4' markerboard mounted 3'-4" off finish floor.
2. 4' x 4' tackboard mounted 3'-4" off finish floor.
3. 4' x 8' markerboard tackboard combination 4' x 4' each unit.
4. Two chair caddies by Colburn; 64" x 30" x 74" high.
5. Fire extinguisher and fire extingisher cabinet mounted 3'-0" above finish floor.
6. Provide mini-blinds on the three A windows in ROOM 109

GENERAL NOTES

1. Finish floor elevation 85.5' on sheet C-2 will be referred to as 100.0" on the structural sheets and as 0'-0" on the architectural sheets.
2. The symbol ◇ refers to cabinet elevations located on Sheets A-10 and A-11. See casework specifications for cabinet construction details.
3. See Section Sheet A-3 thru 7 and Reflected Ceiling Plan for wall types and construction.
4. At all carpet to vinyl tile joints use vinyl T moulding on the carpet. At all ceramic tile or quarry tile to vinyl tile joints use bull nose tile edge. All dissimilar floor joints to take place under the door edges separating the rooms.
5. The ⬡ symbol refers to the Door Schedule Sheet A-1.
6. The □ symbol refers to the Window Frame Elevations Sheet A-1.
7. See Landscaping Sheets for paving to and around the building.



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



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

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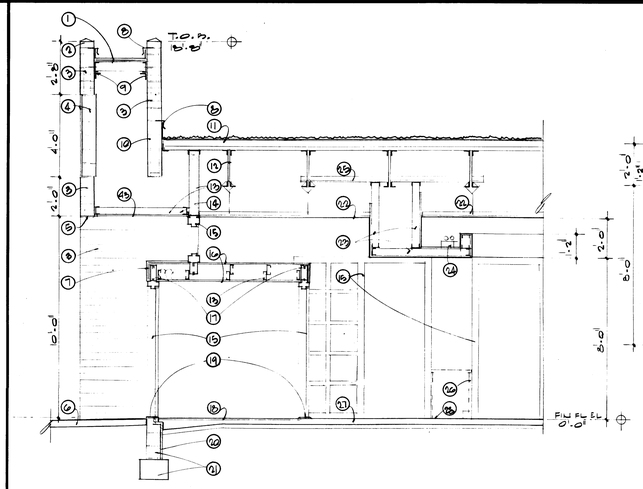
ALBUQUERQUE, NEW MEXICO

Title of Sheet
FLOOR PLAN & PLAN DETAILS

1 2 3 4 5 6 7 8 9 10 11 12
26 2800 01 8889

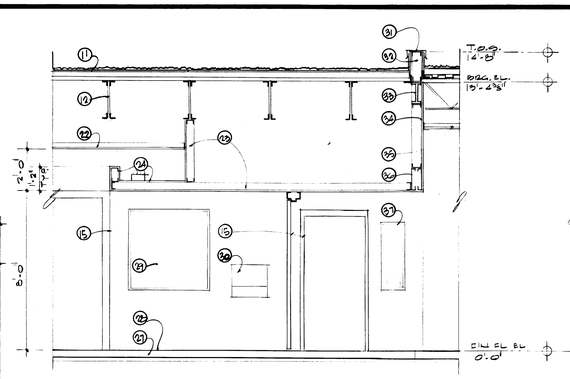
Date
OCT. 5, 1988
Revisions

Sheet
A-2
of
38



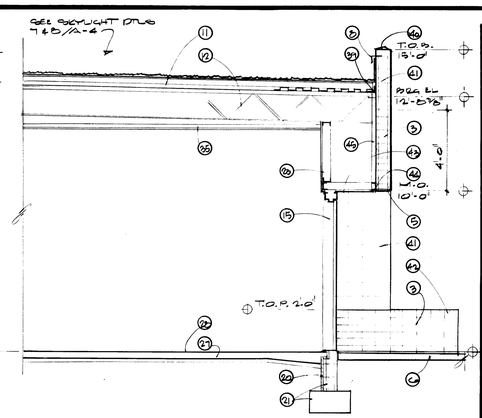
1 A-7 SECTION

3/8" = 1'-0"



2 A-7 SECTION

3/8" = 1'-0"

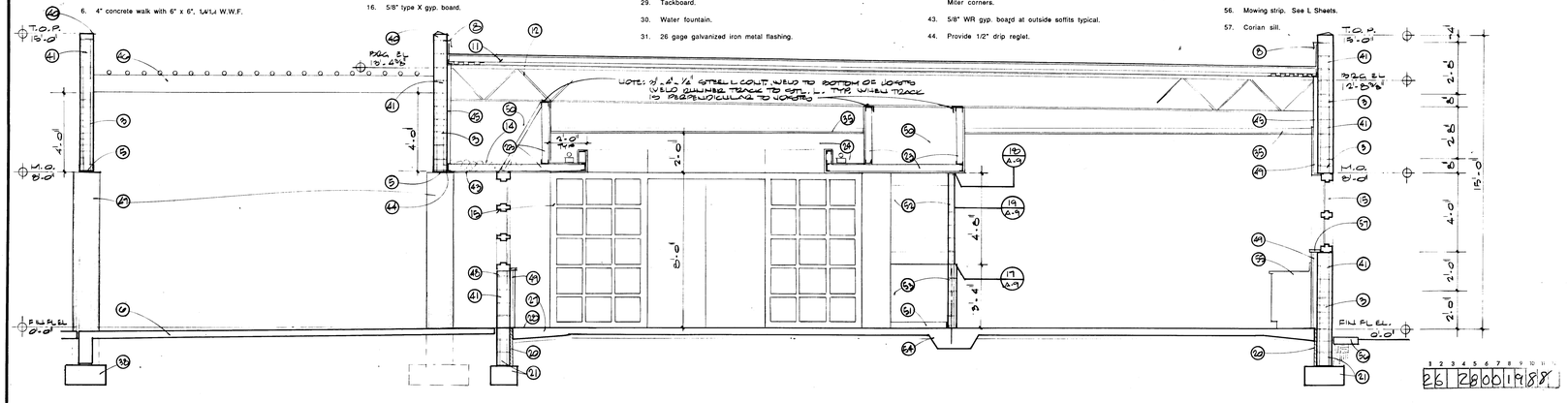


3 A-7 SECTION

3/8" = 1'-0"

KEYED NOTES

1. .045 ballasted EPDM roof on 1/2" perlite on 3/4" CDX plywood on 6" studs at 2'-0" on center.
2. Modular brick rowlock cap. Interstate "mountain red" color or equal, with a sonocrete wash. Miter corners.
3. 8" x 4" x 16" hollow brick Interstate Atlas "mountain red" color or equal. Running bond coursing. See structural for reinforcing. Fill all ungrouted cells with perlite.
4. Thinset tile on 8" x 8" x 16" CMU. Offset CMU 1" to the inside to recess the tile. See structural for reinforcing. See elevations for signage on tile.
5. 1/4" steel plate. See structural for attachment and for block beam reinforcement.
6. 4" concrete walk with 6" x 6", 1.4/1.4 W.W.F.
7. Thinset tile on "Wunderboard" by Modular or equal.
8. 26 gage galvanized iron flashing set in masonry.
9. Steel angles. See structural.
10. 8" x 8" x 16" CMU block beam. See structural for reinforcing.
11. .045 ballasted EPDM roof on rigid insulation, on metal deck.
12. Steel bar joist.
13. 6", 26 gage galvanized iron steel studs @ 24" on center.
14. R-19 batt insulation.
15. Hollow metal frame. See window and door elevations for glazing and doors.
16. 5/8" type X gyp. board.
17. Two 8", 20 gage metal header at each door.
18. Recess concrete slab 1/2" to receive mud mat at entry.
19. Metal threshold.
20. Rigid insulation.
21. Stem wall and footing. See structural for size and reinforcing. Top course of stem wall to be scored split face unit.
22. Suspended 5/8" type x gyp. board ceiling.
23. 3-5/8" 26 gage galvanized iron metal studs at 24" on center with 5/8" type x gyp. board. Runner track top and bottom.
24. Light cove.
25. 2" x 2" x 1/4" steel angle welded to bar joist at 4'-0" on center ±.
26. Reception desk. See enlarged details.
27. 4" concrete slab with 6 x 6 10/10 WWF on 2" sand bed over a 6 mil vapor barrier.
28. See room finish schedule for floor finishes.
29. Tackboard.
30. Water fountain.
31. 26 gage galvanized iron metal flashing.
32. 1/2" CDX plywood on 6", 18 gage metal studs with runner track top and bottom.
33. Steel beam. See structural.
34. 6", 18 gage studs with 5/8" type X gyp. board. See structural for spacing.
35. Suspended lay-in ceiling.
36. Two 12", 18 gage steel joist header.
37. Fire extinguisher cabinet.
38. Foundation. See structural for size and reinforcing.
39. Steel angle. See structural.
40. 4" x 8" x 16" split face cap block " natural" color with red scoria aggregate. Provide sonocrete wash with tooled joint at 8'-0" on center. Provide sealant in tooled joint.
41. 8" x 8" x 16" scored split face block "Natural" color with red scoria aggregate. Score block to appear as an 8" x 8" stacked bond. See structural for reinforcing. Fill all ungrouted cells with perlite.
42. Modular brick rowlock cap. Interstate "mountain red" color or equal. Miter corners.
43. 5/8" WR gyp. board at outside soffits typical.
44. Provide 1/2" drip reglet.
45. 2" mineral fiber or fiberglass batt insulation with a non combustible foil vapor barrier.
46. 10" x 4" x 3/16" steel tubing with 20, 1-1/2" nominal diameter pipe at 10" on center over the patio area.
47. 16" diameter sonotube concrete columns with a hand rubbed finish and painted.
48. 8" x 4" x 16" scored split face block "natural" color with red scoria aggregate.
49. 5/8" type X gyp. board on 2" Z furring strips with 2" mineral fiber or fiberglass insulation with non combustible foil vapor barrier.
50. Duct chase.
51. Vinyl base.
52. 6" x 8" x 4" glass block wall.
53. 8" x 8" x 6" concrete block wall. Stack bond with durowall each course and No. 4 rebar at 16" on center, set in thickened slab.
54. Thickened slab. See structural.
55. Cabinets. See cabinet elevations.
56. Mowing strip. See L Sheets.
57. Corian sill.



4 A-7 SECTION

3/8" = 1'-0"

STATE OF NEW MEXICO
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REGISTERED ARCHITECT
1959

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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
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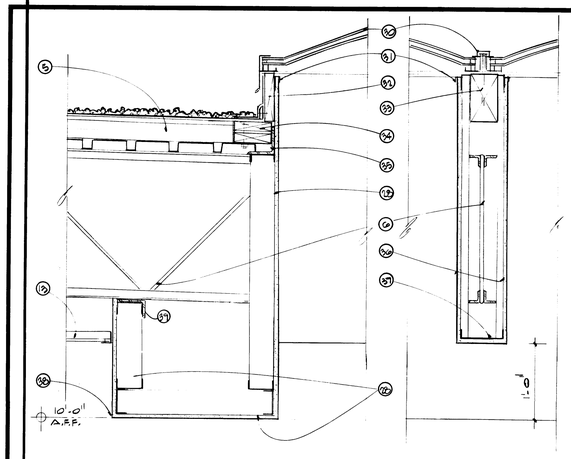
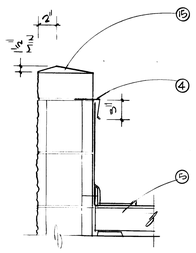


7 / A-4 **SKYLIGHT DETAIL**
1½"=1'-0"

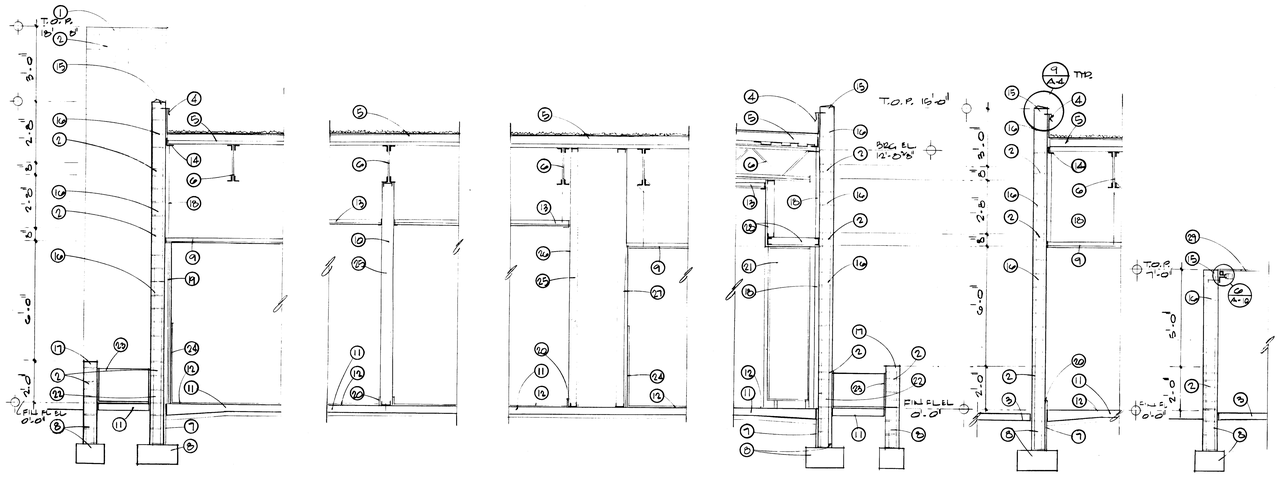


8 / A-4 **DETAIL**
1½"=1'-0"

9 / A-4 **DETAIL**
1½"=1'-0"

KEYED NOTES ○

1. Modular brick rowlock cap. Interstate "mountain red" color or equal, with a sonocrete wash. Miter corners.
2. 8" x 4" x 16" hollow brick Interstate Atlas "mountain red" color or equal. Running bond coursing. See structural for reinforcing. Fill all ungrouted cells with perlite.
3. 4" concrete walk with 6" x 6", 1.4/1.4 W.W.F.
4. 26 gage galvanized iron flashing set in masonry.
5. .045 ballasted EPDM roof on rigid insulation, on metal deck.
6. Steel bar joist.
7. Rigid insulation.
8. Stem wall and footing. See structural for size and reinforcing. Top course of stem wall to be scored split face unit.
9. Suspended 5/8" type X gyp. board ceiling.
10. 3-5/8" 26 gage galvanized iron metal studs at 24" on center with 5/8" type X gyp. board. Both sides runner track top and bottom.
11. 4" concrete slab with 6" x 6", 1.4/1.4 WWF on 2" sand bed over a 6 mil vapor barrier.
12. See room finish schedule for floor finishes.
13. Suspended lay-in ceiling.
14. Steel angle. See structural.
15. 4" x 8" x 16" split face cap block " natural" color with red scoria aggregate. Provide sonocrete wash with tooled joint at 8'-0" on center. Provide sealant in tooled joint. Sonocrete wash is not required at A/C surround.
16. 8" x 8" x 16" scored split face block "Natural" color with red scoria aggregate. Score block to appear as an 8" x 8" stacked bond. See structural for reinforcing. Fill all ungrouted cells with perlite.
17. Modular brick rowlock cap. Interstate "mountain red" color or equal. Miter corners.
18. 2" mineral fiber or fiberglass batt insulation with a non combustible foil vapor barrier.
19. 5/8" type X gyp. board on 1/2" CDX plywood on 2" Z furring stripe with 2" mineral fiber or fiberglass insulation with non combustible foil vapor barrier.
20. Vinyl base.
21. Cabinets. See cabinet elevations.
22. 8" x 8" x 16" concrete masonry units.
23. Planter waterproof all sides and uottom. Provide "Enkadrain" mat by Basf or equal in the bottom and 3/8" weep holes at 4'-0" on center.
24. Thinset tile on WR gyp. board.
25. 3" sound batts.
26. 3-5/8", 26 gage metal studs at 24" on center with 5/8" gyp. board on one side, with runner tracks top and bottom.
27. 3-5/8", 26 gage metal stud at 16" on center with 5/8" type X gyp. board over 1/2" CDX plywood.
28. 3-5/8", 26 gage framing with 5/8" type X gyp. board.
29. 2" x 2" steel square tube frame with No. 4 smooth bars welded at 8" on center setting on 4" x 4" x 1/4" steel angle bolted to the masonry block beam with 1/2" x 8" anchor bolts at 4'-0" on center. Provide weld tabs on the 2" x 2" frame and holes so it may be padlocked at two locations opposite each other to prevent removal.
30. Double dome 4 - 4' x 4' skylights with integral gutter between domes.
31. J-metal typical at opening.
32. 2" x 8" pressure treated wood curb.
33. 4" x 8" pressure treaded wood beam with Simpson U410 joist hangers at curb and at 4' x 8' cross members. Lag bolt skylight to 4" x 8" members with 3/8" diameter x 6" lag bolts at 2'-0" on center.
34. 2 - 2" x 6" pressure treated wood with spacer bolted to the metal deck with 3/8" diameter bolts at 24" on center. Counter sink the bolt heads.
35. 4" x 4" x 1/4" steel angle frame around the skylight opening.
36. 5/8" type x gyp. board on flat 3-5/8" 26 gage galvanized iron metal studs. Attach studs to 4' x 8' cross members in both directions.
37. 6" runner track.
38. Corner bead typical.
39. 3" x 3" x ½" STEEL ∠ CONT. WELD TO BOTTOM OF LOUT WELD CORNER TOGETHER TO STEEL ANGLE



1 / A-4 **SECTION**
3/8"=1'-0"

2 / A-4 **SECTION**
3/8"=1'-0"

3 / A-4 **SECTION**
3/8"=1'-0"

4 / A-4 **SECTION**
3/8"=1'-0"

5 / A-4 **SECTION**
3/8"=1'-0"

6 / A-4 **SECTION**
3/8"=1'-0"

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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

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OCT. 5, 1988

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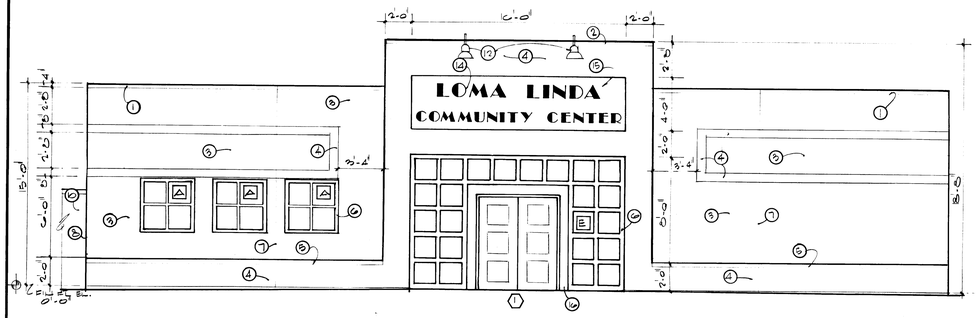
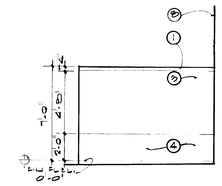
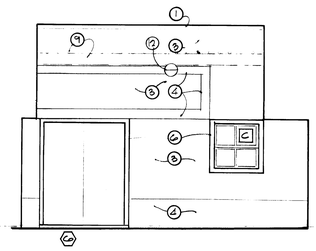


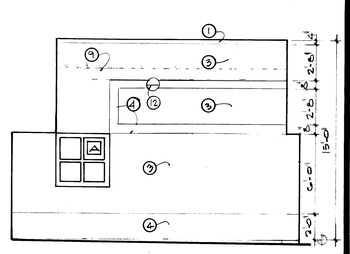
WEST



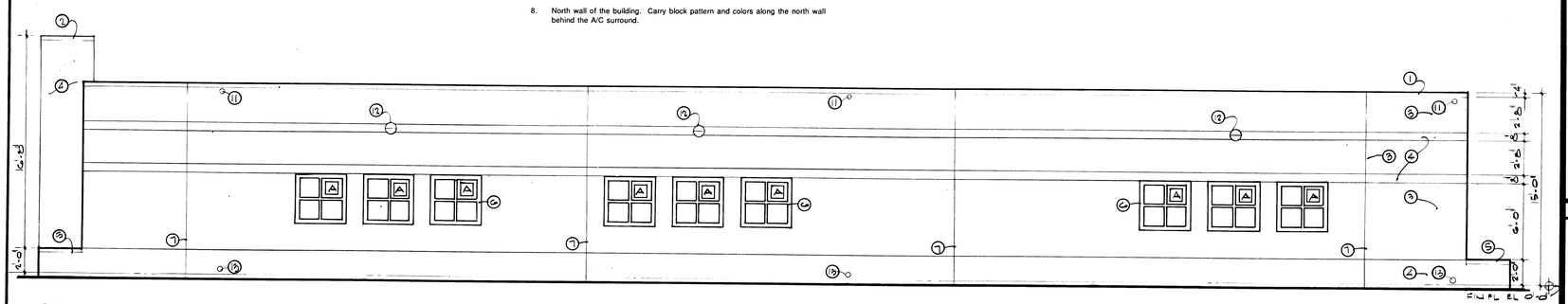
WEST A/C SURROUND 1/4"=1'-0"



1/4"=1'-0" EAST PATIO



1/4"=1'-0" WEST PATIO



SOUTH

1/8"=1'-0"

GENERAL NOTES

1. See Sheet L-1 for location of additional masonry walls at electrical transformer, gas meter, and at the trash surround.
2. Carry split face block a minimum of 8" below finish grade.
3. See structural sheets for foundations.
4. See Sheet C-3 for final grades around the building.
5. Match mortar color with split face CMU color, rake joints similar to block scoring to appear as a stacked bond at CMU. At modular brick courses, use standard gray mortar with a rodded joint.
6. See Sheet A-1 for window and door sizes and shapes.

KEYED NOTES

1. 4" x 8" x 16" Split face cap block "Natural" color with red scoria aggregate. Provide sonocrete wash with a tooled joint at 8'-0" oc. Provide sealant in tooled joint.
2. Modular brick rowlock cap, Interstate "mountain red" color, or equal, with a sonocrete wash. Miter corners.
3. 8" x 8" x 16" scored split face block "Natural" color with red scoria aggregate. Score block to appear as 8" x 8" stacked bond.
4. 8" x 4" x 16" hollow brick Interstate Atlas "mountain red" color or equal. Running bond coursing.
5. Modular brick cap Interstate "mountain red" color or equal. Miter corners.
6. Hollow metal frame with glazing or door. See window and door elevations for glazing type.
7. Masonry construction joint.
8. North wall of the building. Carry block pattern and colors along the north wall behind the A/C surround.
9. 10" x 4" x 3/16" steel tubing with 20, 1-1/2" nominal diameter standard steel pipe at 10" oc over the patio area. Prime and paint. See paint schedule.
10. See A/C surround elevation above.
11. Zurn, overflow scupper.
12. Light fixture.
13. Zurn, downspout.
14. Cast letter sign by A.R.K. Ramos or equal, "Broadway No. 505" style. FM-4 mounting, F-3 finish in white enamel, 12" letter height for " Loma Linda", 8" letter height for "Community Center". Architect's approval of spacing and location is required prior to installing the letters.
15. Inset thinset tile background.
16. Thinset tile at exterior entry face and sides to hollow metal frames.

ELEVATIONS

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LOMA LINDA
COMMUNITY CENTER
1700 VALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
ELEVATIONS

Date
OCT. 20, 1988

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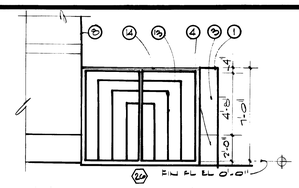
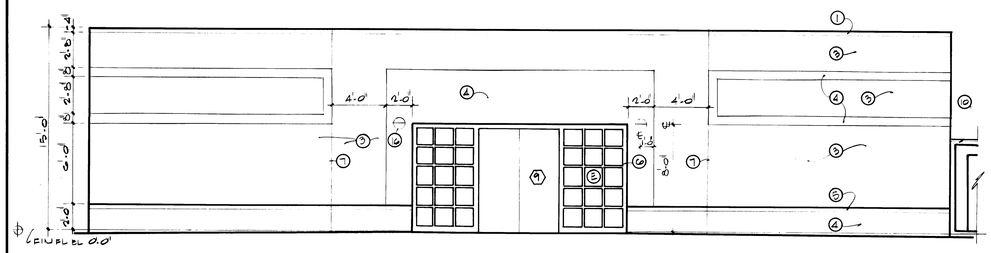
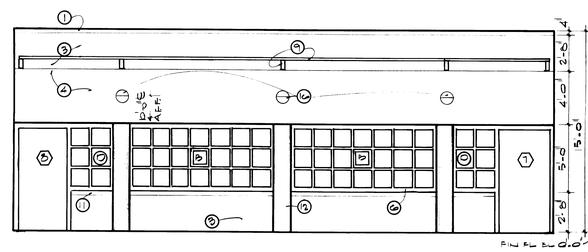


EAST A/C SURROUND 1/4"=1'-0"



EAST 1/8"=1'-0"



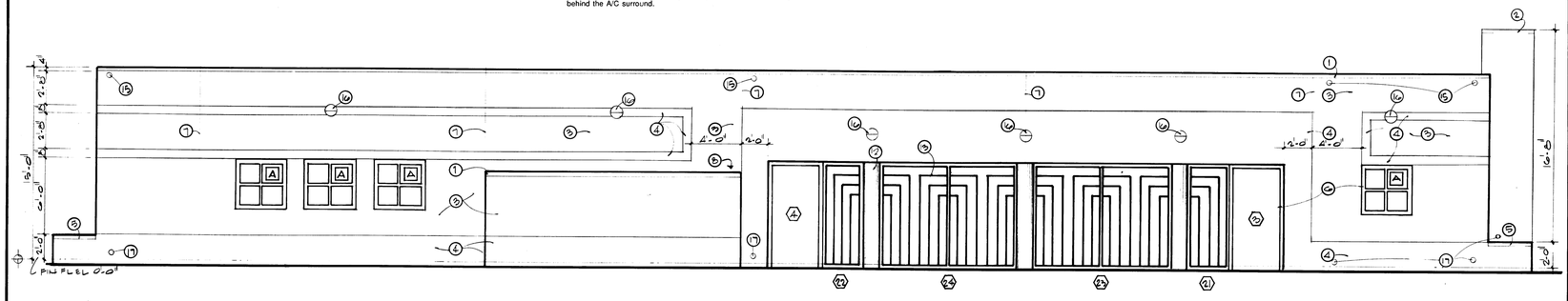
NORTH PATIO 1/4"=1'-0"

GENERAL NOTES

1. See Sheet L-1 for location of additional masonry walls at electrical transformer, gas meter, and at the trash surround.
2. Carry split face block a minimum of 8" below finish grade.
3. See structural sheets for foundations.
4. See Sheet C-3 for final grades around the building.
5. Match mortar color with split face CMU color, rake joints similar to block scoring to appear as a stacked bond at CMU. At modular brick courses, use standard gray mortar with a rodded joint.
6. See Sheet A-1 for window and door sizes and shapes.

KEYED NOTES ○

1. 4" x 8" x 16" Split face cap block "Natural" color with red scoria aggregate. Provide sonocrete wash with a tooled joint at 8'-0" oc. Provide sealant in tooled joint.
2. Modular brick rowlock cap, Interstate "mountain red" color, or equal, with a sonocrete wash. Miter corners.
3. 8" x 8" x 16" scored split face block "Natural" color with red scoria aggregate. Score block to appear as 8" x 8" stacked bond.
4. 8" x 4" x 16" hollow brick Interstate Atlas "mountain red" color or equal. Running bond coursing.
5. Modular brick cap Interstate "mountain red" color or equal. Miter corners.
6. Hollow metal frame with glazing or door. See window and door elevations for glazing type.
7. Masonry construction joint.
8. North wall of the building. Carry block pattern and colors along the north wall behind the A/C surround.
9. 10" x 4" x 3/16" steel tubing with 20, 1-1/2" nominal diameter pipe at 10" oc over the patio area. Prime and paint. See paint schedule.
10. See A/C surround elevation above.
11. 4" x 8" x 16" scored split face block "Natural" color with red scoria aggregate.
12. 16" diameter concrete sonotube column. Provide hand rubbed finish, and paint column. See paint schedule.
13. Steel tube gates, see door and window elevations. See paint schedule.
14. Metal frame with bars.
15. Zurn, overflow scupper.
16. Light fixture.
17. Zurn, downspout.



NORTH 1/8"=1'-0"

ELEVATIONS

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LOMA LINDA COMMUNITY CENTER
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Title of Sheet
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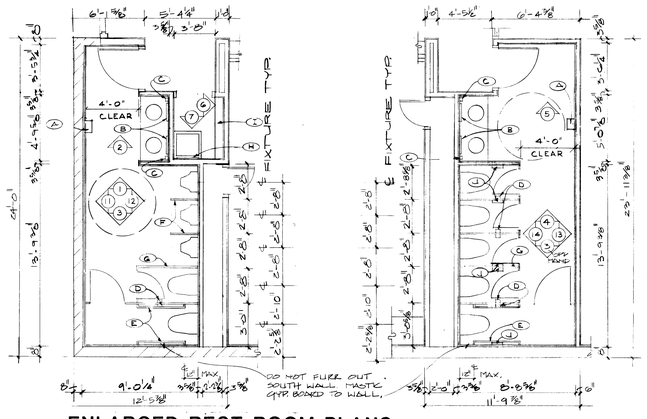


ENLARGED REST ROOM PLANS

SCALE 1/4" = 1'-0"

ACCESSORIES SCHEDULE

- (A) Hand Dryer - Bradley Model 2921, surface mounted with 30 second drying cycle. 110/120V, 20 amp.
- (B) Mirror - Bradley Model 700-1624 (or equal) with angle frame and polished plate glass mirror.
- (C) Soap Dispenser- Bradley Model 6561 (or equal).
- (D) Toilet Tissue Dispenser - Bradley Model No. 515 (or equal) for twin fold tissue.
- (E) Grab Bar - Bradley Model 832 (or equal), stainless steel concealed mounting 1-1/4" o.d., unit is 42" long.
- (F) Urinal Screen - Knicker Bocker (or equal) type FS with standard wall brackets and floor plinth.
- (G) Toilet Partition /System - Knicker Bocker (or equal), Provide standard baked enameled metal metropolitan series with standard length wall brackets, overhead bracing, combination coat hook and bumper, 4" plinth.
- (H) Mop & Broom Holder - Bradley Model 9953 (or equal) with 3 rubber cam action handle holders.
- (I) Shelving - Plastic laminate as per shelf detail 2/A-10. Use K & V No. 87 pilaster strips and K & V No 187 shelf brackets. See elevation for lengths. Contractor to provide full length bracing for all pilaster strips.
- (J) Napkin Disposal - Bradley Model 4722 (or equal), surface mounted.

CASEWORK SCHEDULE

NOTE: See Keyed Notes and General Notes for additional casework information.

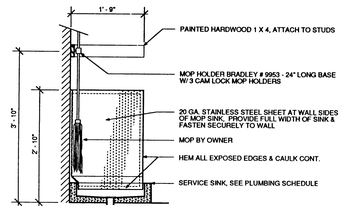
- (1) Base cabinet, 36" in height, 24" wide and 24" deep with four 8" drawers and a 4" kickplate.
- (2) Base cabinet, 36" in height, 36" wide and 24" deep with one adjustable shelf, two hinged-anodized aluminum screen doors and a 4" kickplate. See detail 2/A-11 for doors.
- (3) Base cabinet, 36" in height, 24" wide and 24" deep with one adjustable shelf, two hinged-anodized aluminum screen doors and a 4" kickplate. See detail 2,A-11 for doors.
- (4) Base Sink Cabinet, 36" in height, 36" wide and 24" deep with one adjustable shelf, two hinged doors and a 4" kickplate.
- (5) Tall cabinet, 88" in height, 36" wide and 24" deep with five adjustable shelve and four hinged doors. Contractor's option to provide two 44" cabinets with two hinged doors and two adjustable shelves each.
- (6) Tall cabinet, 88" in height, 20" wide and 24" deep with one hinged door.
- (7) Tall cabinet, 88" in height, 20" wide and 12" deep with one hinged door.

KEYED NOTES

- [1] Adjustable shelves.
- [2] Fixed shelves.
- [3] Lock, provide thumb latch at unlocked leaf.
- [4] Plastic laminated top with 4" coved backsplash, see "Color Schedule" for color.
- [5] Drawer with lock.
- [6] 3/4" Corian counter top. See detail 1, A-11.
- [7] Plastic laminated doors with aluminum screens. See detail 2, A-11.
- [8] End cabinets are only 1'-0" deep to allow for downspouts. See floor plan, A-2.

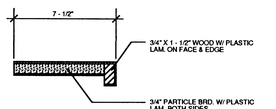
NOTES

1. Provide filler strips and finished end panels as necessary.
2. Provide counter tops with self edged profile.
3. Keying: Individual key for each lock with master key for locks in each room.
4. See specification for ceramic tile shapes in restrooms. See color schedule for tile pattern and color.
5. Exposed gyp. brd. areas in restrooms to have smooth finish.
6. SEE CASELOCK SPECIFICATIONS SECTION 06 A 10 FOR FURTHER DETAILS



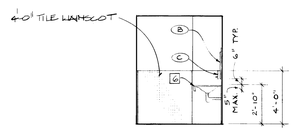
1 A-10 **MOP SINK**

3/4" = 1'-0"



2 A-10 **SHELF DETAIL**

3" = 1'-0"



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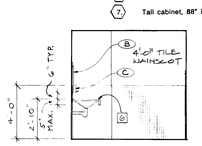

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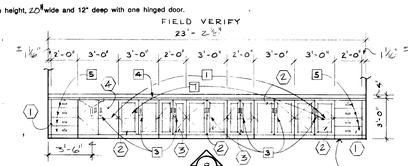

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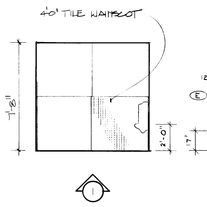

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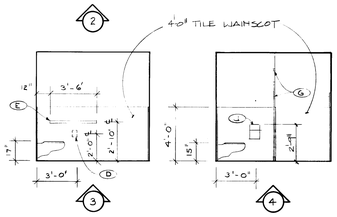

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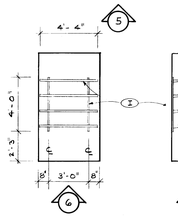

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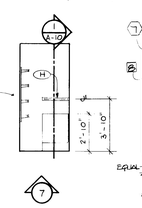

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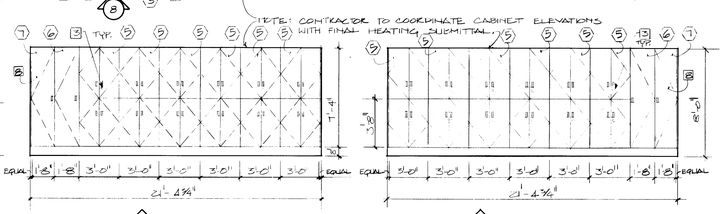

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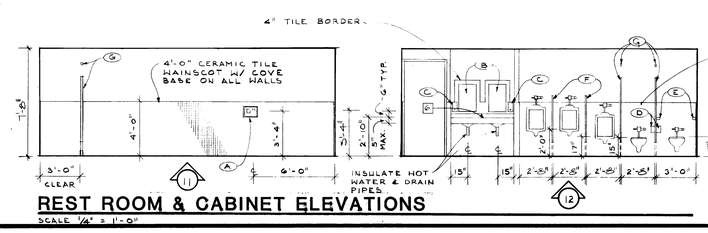

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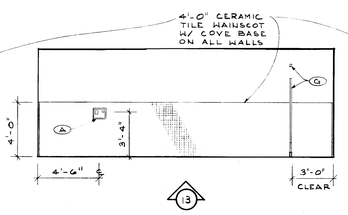

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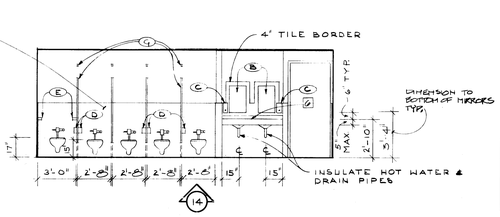

14

REST ROOM & CABINET ELEVATIONS

SCALE 1/4" = 1'-0"

STATE OF NEW MEXICO
D. JAMES SEE
REGISTERED ARCHITECT

Architect

Engineer

Edith Cherry
D. James See
&
Associates
Architects
220A Gold Ave. SW
Albuquerque, NM 87102
505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
ENLARGED RESTROOM PLANS & CASEWORK ELEV

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

Date
OCT 5, 1988
Revisions

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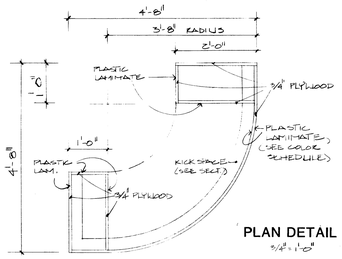
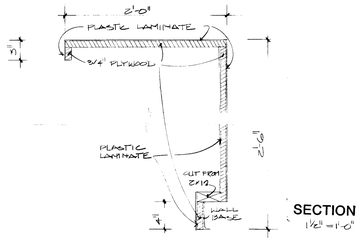
38

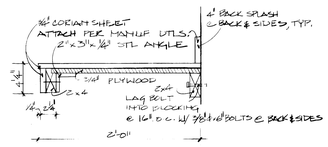


PLAN DETAIL
3/4" = 1'-0"

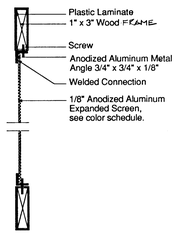


SECTION
1½" = 1'-0"

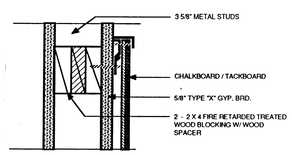
ENLARGED RECEPTION DESK



1/A-11 DETAIL CORIAN TOP
1½" = 1'-0"

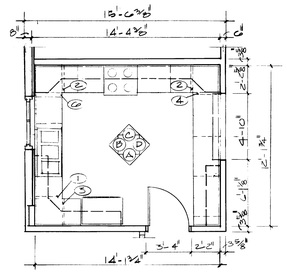


2/A-11 DETAIL DOOR W/ SCREEN
3" = 1'-0"

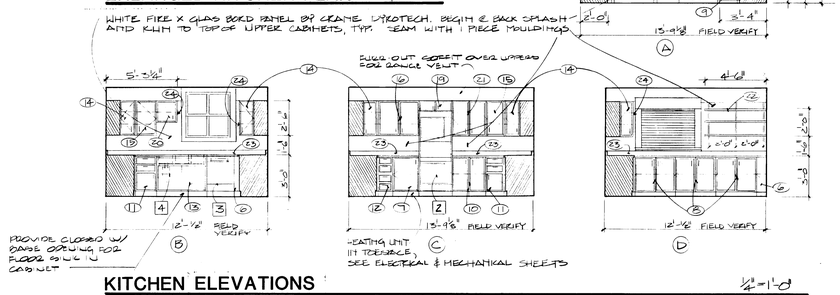


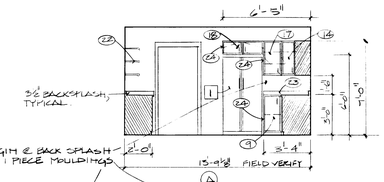
SOME WALLS WILL HAVE 6" METAL STUDS OR 5/8" PLYWOOD BEHIND GYP. BRD.
CARRY ANY SOUND BATTS ABOVE & BELOW BLOCKING.

3/A-11 DETAIL TYPICAL BLOCKING
3" = 1'-0"



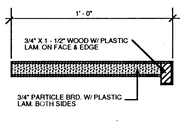
ENLARGED KITCHEN PLAN
1/4" = 1'-0"





KITCHEN ELEVATIONS
1/2" = 1'-0"

1. 1 1/4" filler strip both at base and wall cabinet. FIELD VERIFY
2. 1 9/16" filler strip both at base and wall cabinet. FIELD VERIFY
3. 1" filler strip both at base and wall cabinet. FIELD VERIFY
4. 2 1/2" filler strip both at base and wall cabinet. FIELD VERIFY
5. 1" clearance.
6. 24" FLUSH SETUP AT RANGE W/ 6" CLEARANCE FIELD VERIFY.
7. Base cabinet, 36" in height, 28" wide and 24" deep with one fixed shelf, one hinged door and a 4" kickplate.
8. Base cabinet, 36" in height, 36" wide and 24" deep with one fixed shelf, two hinged doors and a 4" kickplate.
9. Base cabinet, 36" in height, 15" wide and 24" deep with one fixed shelf, one hinged door and a 4" kickplate.
10. Base cabinet, 36" in height, 30" wide and 24" deep with one fixed shelf, two hinged doors and a 4" kickplate.
11. Base Cabinet, 36" in height, 18" wide and 24" deep with two 8" drawers, one 16" hinged door and a 4" kickplate.
12. Base Cabinet, 36" in height, 12" wide and 24" deep with four 8" drawers and a 4" kickplate.
13. Base Sink Cabinet, 36" in height, 48" wide and 24" deep. 8" fixed front panel to line up with neighboring 8" drawer. Provide two hinged doors and a 4" kickplate.
14. Corner Wall Cabinet, 30" in height, 13" deep at front, 24" deep at back sides to corner. Provide one fixed shelf and one 15" wide hinged door.
15. Wall Cabinet, 30" in height, 18" wide and13" deep with two fixed shelves and one hinged door.
16. Wall Cabinet, 30" in height, 40" wide and 13" deep with two fixed shelves and two hinged doors.
17. Wall Cabinet, 30" in height,15" wide and13" deep with two fixed shelves and one hinged door.
18. Wall Cabinet, 12" in height, 36" wide and 13" deep with two hinged doors.
19. Wall Cabinet, 9" in height, 30" wide and 13" deep with two hinged doors.
20. Wall Cabinet, 18" in height, 18" wide and13" deep with one fixed shelf and one hinged door.
21. Wall Cabinet, 30" in height, 30" wide and13" deep with two fixed shelves and one hinged door.
22. Shelving to be 3/4" high density particle board as per shelf detail. Use 3 K & V No. 87 track strips with K & V No. 187 shelf brackets.
23. Plastic laminated counter top, 25" deep with 3 1/2" backsplash.
24. Finished end.



SHELF DETAIL

KITCHEN CASEWORK SCHEDULE

NOTE ALL CASEWORK TO BE PLASTIC LAMINATED. SEE COLOR SCHEDULE SEE CASEWORK SECTION 06610 IN SPECIFICATIONS FOR DETAILS.

1. General Electric Side-by-Side Refrigerator/Freezer. Model No. TFX24ZJ, 23.7 cu. ft. capacity, 66 5/8" high, 35 3/4" wide and 30 3/4" deep. Allow for 1" clearances on all sides. Color: almond.
2. General Electric Hi/Low Cooking Center. Model No. JHP70VKNK. Full size lower oven, upper microwave oven and integral vented hood, 71 1/2" high, 30" wide and 28 1/8" deep. Color: almond.
3. General Electric Built-in Dishwasher. Model No. GSD600G, potscrubber. 35" high, 24" wide and 26 1/4" deep. Color: almond.
4. General Electric 3/4 hp Disposer. Model No. GFC1000G.

EQUIPMENT SCHEDULE

STATE OF NEW MEXICO
D JAMES SEE
REGISTERED ARCHITECT
Architect
Engineer

Edith Cherry
D. James See
&
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505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
ENLARGED KITCHEN PLAN

Date
OCT. 5, 1988
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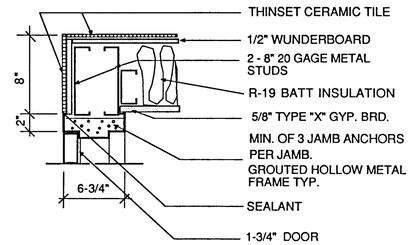
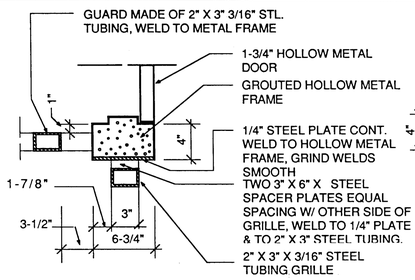
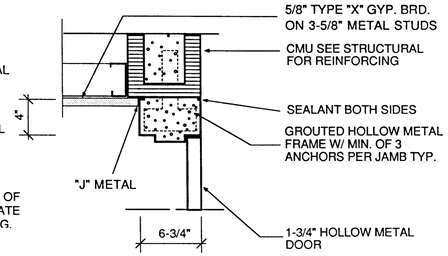
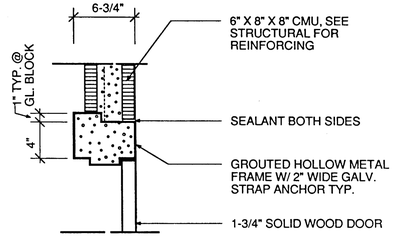
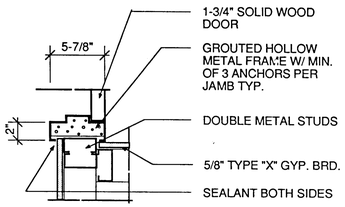


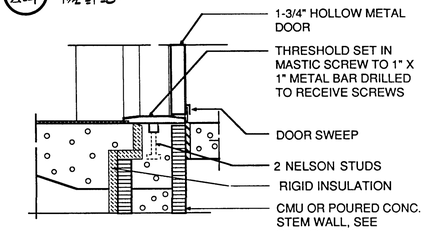








1 A-9 JAMB
1½" = 1'-0"



6 A-9 JAMB
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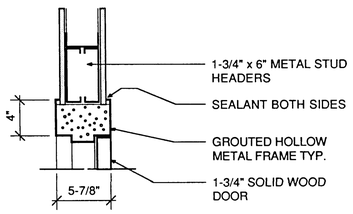

11 A-9 JAMB
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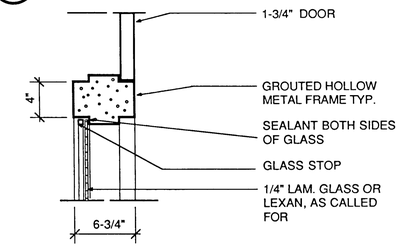

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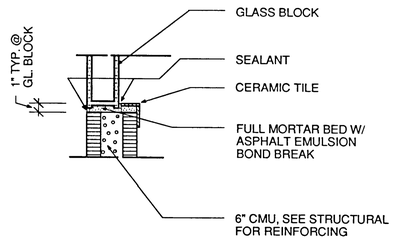

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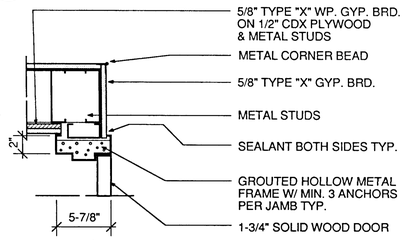

2 A-9 THRESHOLD
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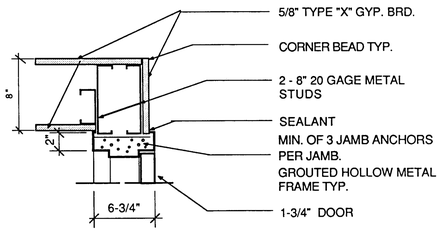
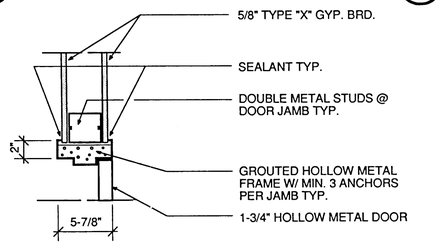


7 A-9 HEAD
1½" = 1'-0"



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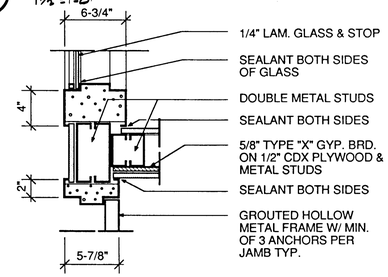

17 A-9 SILL
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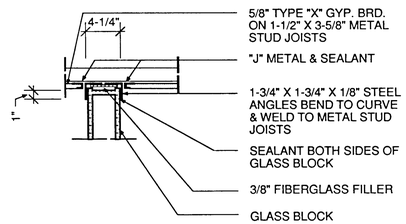

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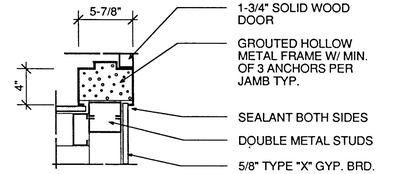

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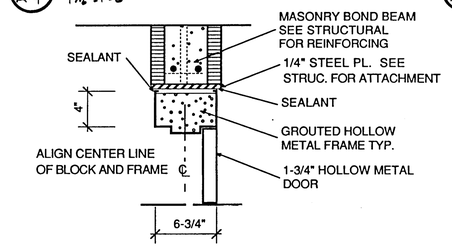

8 A-9 JAMB
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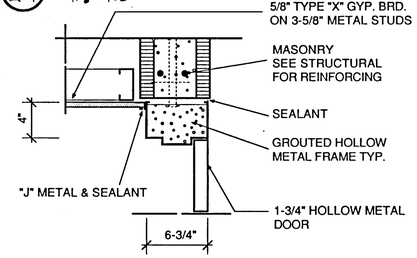

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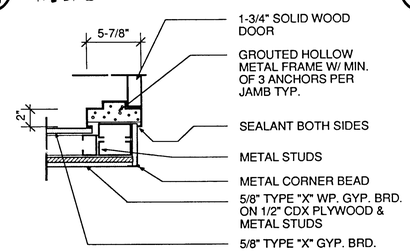
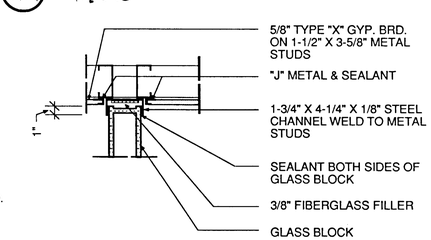


18 A-9 HEAD
1½" = 1'-0"



23 A-9 JAMB
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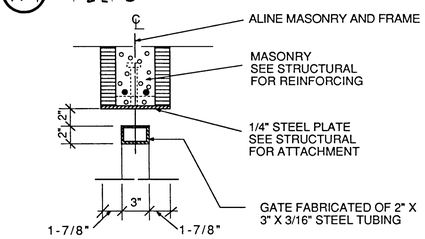
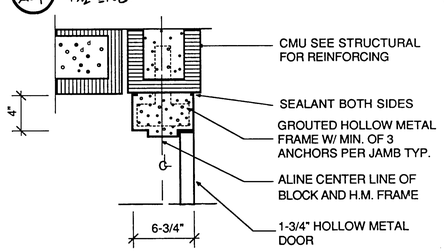


4 A-9 HEAD
1½" = 1'-0"



9 A-9 HEAD
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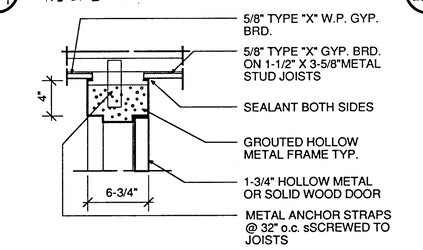

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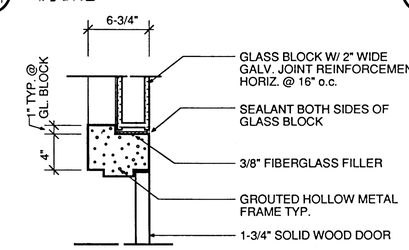

19 A-9 JAMB
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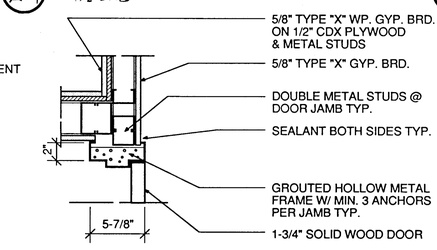
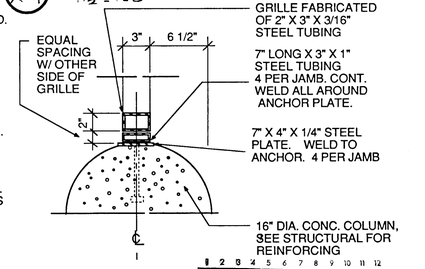


24 A-9 HEAD
1½" = 1'-0"



5 A-9 JAMB
1½" = 1'-0"

10 A-9 HEAD
1½" = 1'-0"

15 A-9 JAMB
1½" = 1'-0"

20 A-9 JAMB
1½" = 1'-0"

25 A-9 JAMB
1½" = 1'-0"

STATE OF NEW MEXICO
D JAMES SEE NO 959
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Engineer
Edith Cherry
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LOMA LINDA
COMMUNITY CENTER
1700 YALE BLVD. S.E.
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Title of Sheet
DOOR & WINDOW DETAILS

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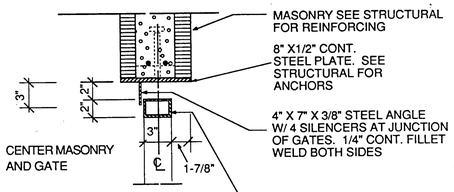
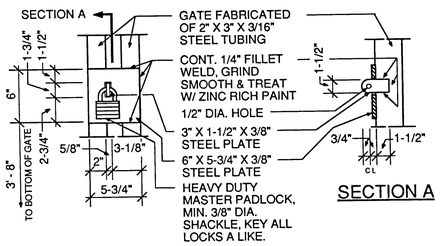
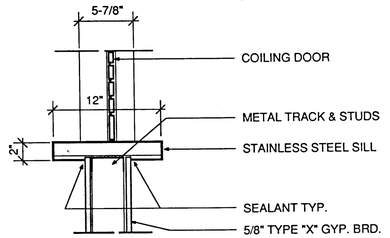
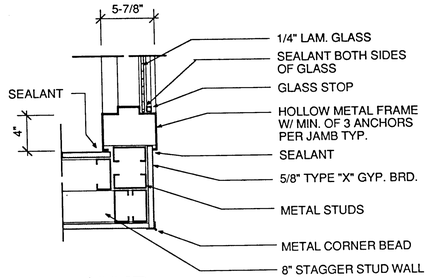
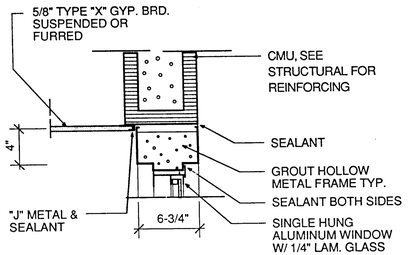




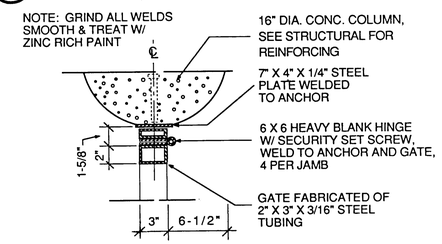
SECTION A



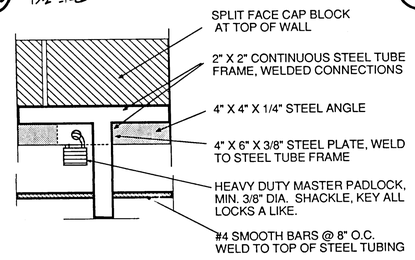




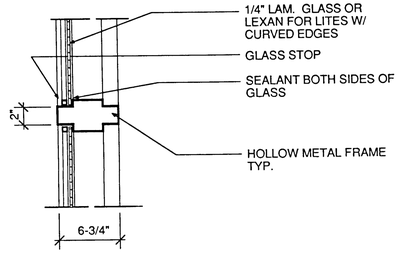
1 A-10 HEAD
1½"=1'-0"



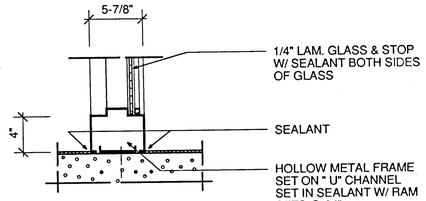
5 A-10 GATE LOCK
1½"=1'-0"



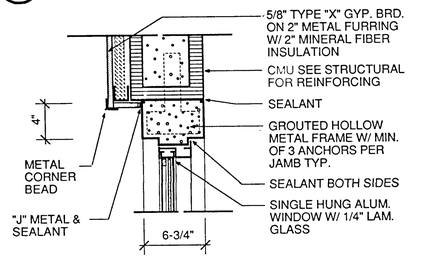
10 A-10 SILL
1½"=1'-0"



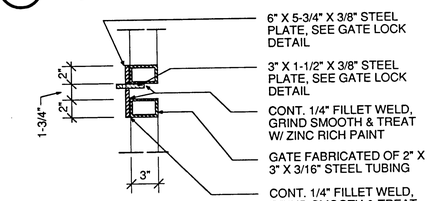
15 A-10 JAMB
1½"=1'-0"



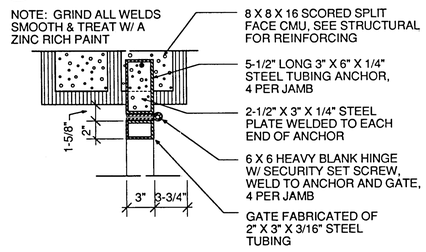
20 A-10 HEAD
1½"=1'-0"



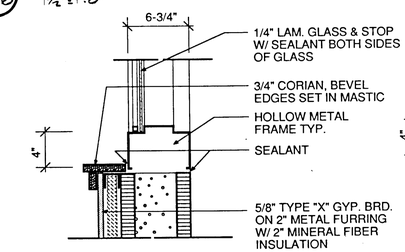
2 A-10 JAMB
1½"=1'-0"



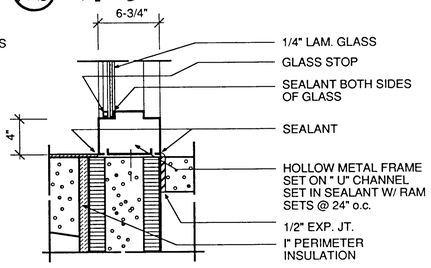
6 A-10 LOCK DETAIL
1½"=1'-0"



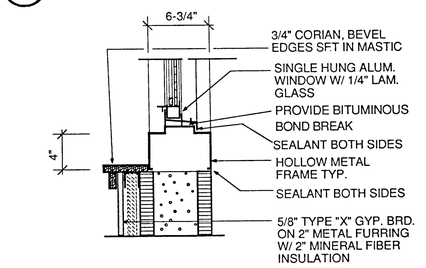
11 A-10 MULLION
1½"=1'-0"



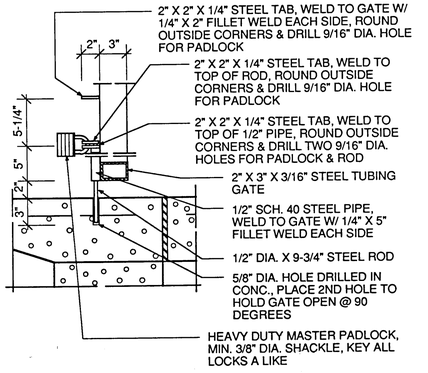
16 A-10 SILL
1½"=1'-0"



21 A-10 JAMB
1½"=1'-0"



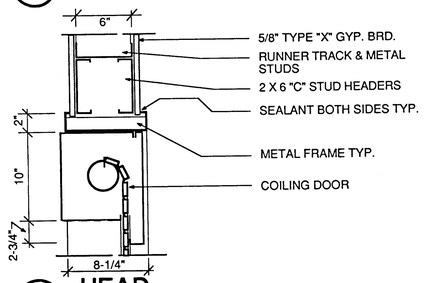
3 A-10 JAMB
1½"=1'-0"



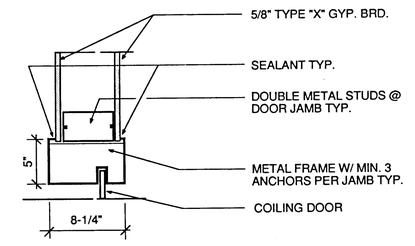
NOTE: GRIND ALL WELDS SMOOTH AND TREAT W/ ZINC RICH PAINT. PROVIDE ONE THRESHOLD LOCK SYSTEM FOR EACH GATE LEAF.

4 A-10 GATE THRESHOLD BOLT
1½"=1'-0"

7 A-10 JAMB
1½"=1'-0"

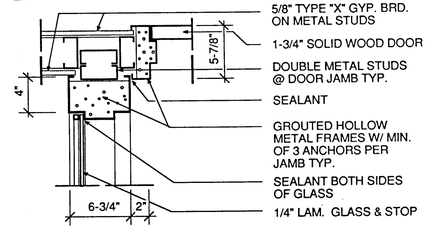


8 A-10 HEAD
1½"=1'-0"

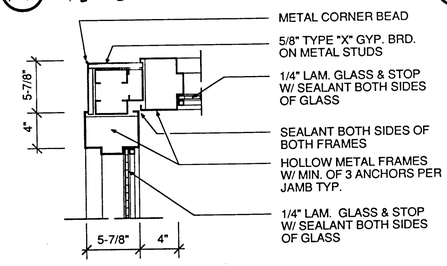


9 A-10 JAMB
1½"=1'-0"

12 A-10 SILL
1½"=1'-0"

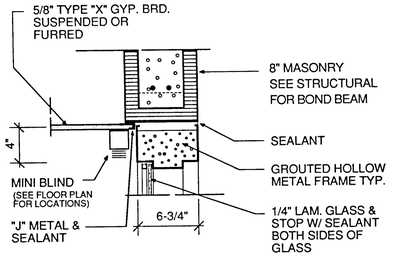


13 A-10 JAMB
1½"=1'-0"

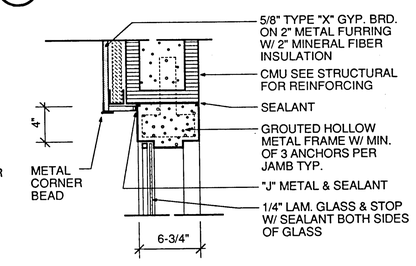


14 A-10 JAMB
1½"=1'-0"

17 A-10 SILL
1½"=1'-0"

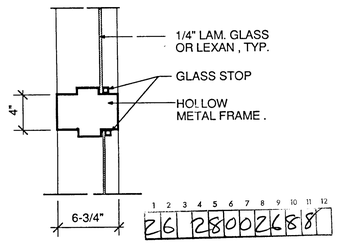


18 A-10 HEAD
1½"=1'-0"

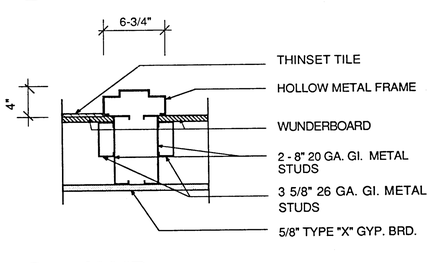


19 A-10 JAMB
1½"=1'-0"

22 A-10 SILL
1½"=1'-0"



23 A-10 MULLION
1½"=1'-0"



24 A-10 JAMB
1½"=1'-0"

STATE OF NEW MEXICO
D JAMES SEE NO. 959
REGISTERED ARCHITECT

Architect

Engineer

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Albuquerque, NM. 87102
505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
DOOR & WINDOW DETAILS

Date
OCT. 5, 1988
Revisions

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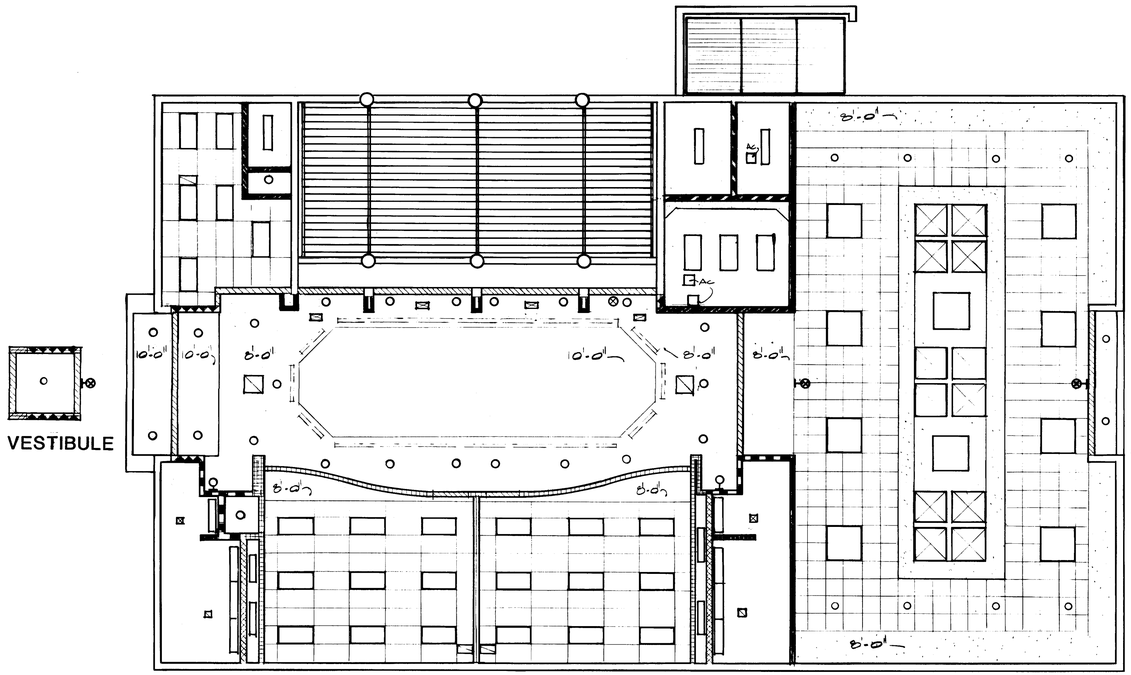
of
7 3 3



REFLECTED CEILING PLAN

1/8"=1'-0"

Gyp. board ceiling.

2' x 4' lay-in ceiling.

2' x 2' lay-in ceiling

Four 4' x 4' skylights.

Recess fluorescent light.
WIRE TIE FIXTURES TO STRUCTURE ON 4 CORNERS

Surface mounted fluorescent light.

Ceiling mounted fluorescent light.

Recessed can light.

Wall mounted light.

Exit light..

SUPPLY AIR REGISTER

RETURN AIR REGISTER

ACCESS PANEL 12"x12"

LEGEND

Hollow metal frame

4" Glass block wall

6" - 18 gage studs, 16" on center, 14'-10" high with 5/8" type x gyp. board to ceiling deck both sides. At Women's Restroom 111, add 1/2" CDX plywood behind the 5/8" type x gyp. board running up to 8'-0" above the finished floor.

8" masonry wall with 2" furring strips and 2" mineral wool or fiberglass batts from floor to roof deck with a non combustible foil vapor barrier. Carry 5/8" type x gyp. board from floor to a minimum of 6" above finished ceiling height.

3-5/8" 26 gage galvanized iron metal studs at 24" on center to bottom of steel joist with 5/8" type x gyp. board from floor to bottom of joist both sides. Provide 3" sound batts inside wall.

3-5/8", 26 gage galvanized iron metal studs at 24" on center running from floor to roof deck with 5/8" type x gyp. board on one side running from floor to roof deck. Provide 3" sound batts from floor to roof deck. Provide 5/8" type x gyp. board running from floor to 8'-6" in Janitor 107.

3-5/8" 26 gage galvanized iron metal studs at 16" on center running from finish floor to roof deck. At restroom side, provide 5/8" type x gyp. board over 1/2" CDX plywood running from finished floor to 8'-0" above finished floor. Carry 5/8" type x gyp. board from 8'-0" to roof deck.

3-5/8" 26 gage galvanized iron metal studs at 24" on center, 9'-0" high with 5/8" type x gyp. board on one side and 1/2" CDX plywood and 5/8" gyp. board on the other side running a minimum of 6" above finished ceiling. Brace top runner track at 4'-0" on center to steel joists typical.

3-5/8" 26 gage galvanized iron studs at 24" on center, 9'-0" high, with 1/2" CDX plywood and 5/8" type x gyp. board both sides. Brace end walls to bottom of steel joists typical.

3-5/8" 26 gage galvanized steel stagger studs at 24" on center to form an 8" ± thick wall, 11'-0" high with 5/8" type x gyp. board on both sides. Brace top of wall to the steel joists at 4'-0" minimum.

3-5/8" 26 gage galvanzied iron studs at 24" on center running from floor to 6" above the ceiling with 5/8" type x gyp. board on both sides. Brace top of the wall to the steel joists @ 4'-0" on center typical.

3-5/8" 26 gage galvanized iron studs at 24" on center, 8'-0" high with 3-5/8" type x gyp. board on one side.

3-5/8" 26 gage galvanized iron studs, staggered studs at 16" on center with 5/8" type x gyp. board on one side and 1/2" "Wunderboard" and thinset tile on the other.

3-5/8" 26 gage galvanized iron studs, staggered studs at 16" on center with 5/8" type x gyp. board on both sides.

3-5/8", 26 gage galvanized iron studs @ 24" on center, running from floor to roof deck with 5/8" type X gyp. board on both sides running from floor to roof deck.

WALL LEGEND

STATE OF NEW MEXICO
D. JAMES SEE
NO. 959
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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
REFLECTED CEILING PLAN

Date
OCT. 5, 1988
Revisions

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of
2 3 3

1 2 3 4 5 6 7 8 9 10 11 12
2 6 2 8 1 0 0 7 8 1 8

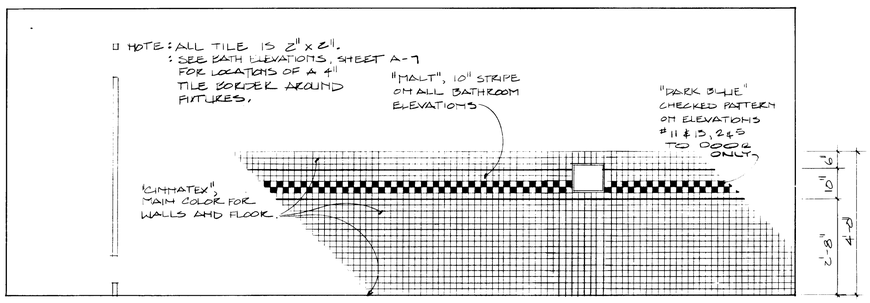
LOMA LINDA COMMUNITY CENTER
COLORED MANUFACTURED ITEMS

ITEM		COLOR
1.	Exterior Glazed Ceramic Tile:	Buchtal "Adriatic Blue" #724
2.	Interior Ceramic Tile: a. Meeting 109 & 110 Sill at the top of concrete wall below glass block	Buchtal "Adriatic Blue" #724
	b. Men 108 and Women 111: Main Color (floors & wainscot) Accent Colors (see elevation sheet A-16)	Dal-Tile, "Cinnatex" DK-107 Dal-Tile, "Dark Blue" DK-03 Dal-Tile, "Malt" DK-88
3.	Quarry Tile: a. Kitchen 112	Monark "Colony Coral" #25
4.	Vinyl Composition Tile:	by Azrock
	a. Unless otherwise noted	"Sesame" V-824
	b. Foyer 102 and Multipurpose 114 (see floor plan sheet A-16 for tile patterns)	"Dresden" V-330 "Arizona Tan" V-333 "Sesame", V-824
5.	Carpet:	Lees Jupiter #634 "Lichen"
6.	Mini-blinds:	Hunter Douglas "Fawn" #308
7.	Plastic Laminated Casework: a. Meeting 110 1. base cabinet and counter top	by Wilson art "Bluejay", #D322-6
	b. Multipurpose 114 1. Storage units	"Beige", #1530-6
	c. Foyer 102 1. Reception desk (see detail A-11)	"Beige", #1530-6
	d. Kitchen 112: 1. Wall cabinets 2. Base cabinets, counter top 3. Shelves	"Beige", #1530-6 "Bluejay", #D322-6 "Beige", #1530-6
8.	Aluminum screens in casework: (see detail 2, A-10)	Anodized Dark Bronze
9.	Markerboards: Tackboard:	Claridge "Beige" #43 LCS Claridge "Tan Nucork"
10.	Corian: a. Unless otherwise noted	Corian, "Almond"
11.	Toilet Partitions:	Accurate "Azure" 815
12.	2 x 4 Suspended Lay-in ceilings	Armstrong, Cortega Colortone Ceilings "white"
	2 x 2 suspended lay-in ceiling	Armstrong #8017 Artran, Natural Texture "Parchment"
13.	Vinyl Base: a. unless otherwise noted b. Foyer 102	Kencove, Group II, "Beige" #KC-24 Kencove, Group II, "Rust" #KC-215
14.	Split Face Concrete Masonry Units:	Crego Block Co. Natural color with red scoria aggregate or equal
15.	Mortar for glass blocks:	To be selected by architect
16.	Sealant:	To be selected by architect
17.	CMU and Brick:	Prime-A-Pell Clear Coat Exterior surfaces as per spec.
18.	CMU mortar:	Mortar to match CMU block, gray Mortar at brick.
19.	Hollow Brick	Interstate Brick Co. Atlas Brick "Mountain Red", or Davidson Brick Co. Crown Royal "Monarch Red"

LOMA LINDA COMMUNITY CENTER
PAINTED ITEMS

ITEM		COLOR
1.	Door and window frames: a. Doors: 1,2,3,4,7,8,9 1. Hollow metal door frames 2. Hollow metal doors	Q13-64U "Flag Blue" Q13-27T "Robin's Egg"
	b. Door: 12 1. Hollow metal door frames	Q13-64U "Flag Blue"
	c. Doors: 5,10,11,13,16,17, 19,20,25 1. Hollow metal door frames	Q3-19D "Dry Earth"
	d. Doors: 14,15,18 1. Hollow metal door frames	Q13-64U "Flag Blue"
	e. Door: 6 1. Hollow metal door frames 2. Hollow metal doors	Q3-19D "Dry Earth" Q3-19D "Dry Earth"
	f. Window frames: 1. Unless otherwise noted	Q13-64U "Flag Blue"
2.	Interior walls: a. Unless otherwise noted b. Room 112	Q6-36P "Soapstone" Fire X Glas Bord Panel, "White"
3.	Gyp Board Ceiling and Soffit a. 10' high ceiling at west & east entries b. 10' high ceiling in Foyer and 11' high ceiling in Multi-Purpose Room c. 8' high ceilings and soffits in Foyer and Multi-purpose Room d. 10' furr down soffit around skylight e. All other locations	Q13-31P, "Blue Fluff" White Q13-31P, "Blue Fluff" Q13-31P, "Blue Fluff" Q7-51P, "Snowball"
4.	Doors: 21, 22, 23, 24, & 26 (Steel Gates)	Q13-64U "Flag Blue"
5.	Exterior Steel Tubing above Patio and at mechanical cover	Q13-64U "Flag Blue"
6.	CONCRETE COLUMNS	Q13-64D "DARKENED"

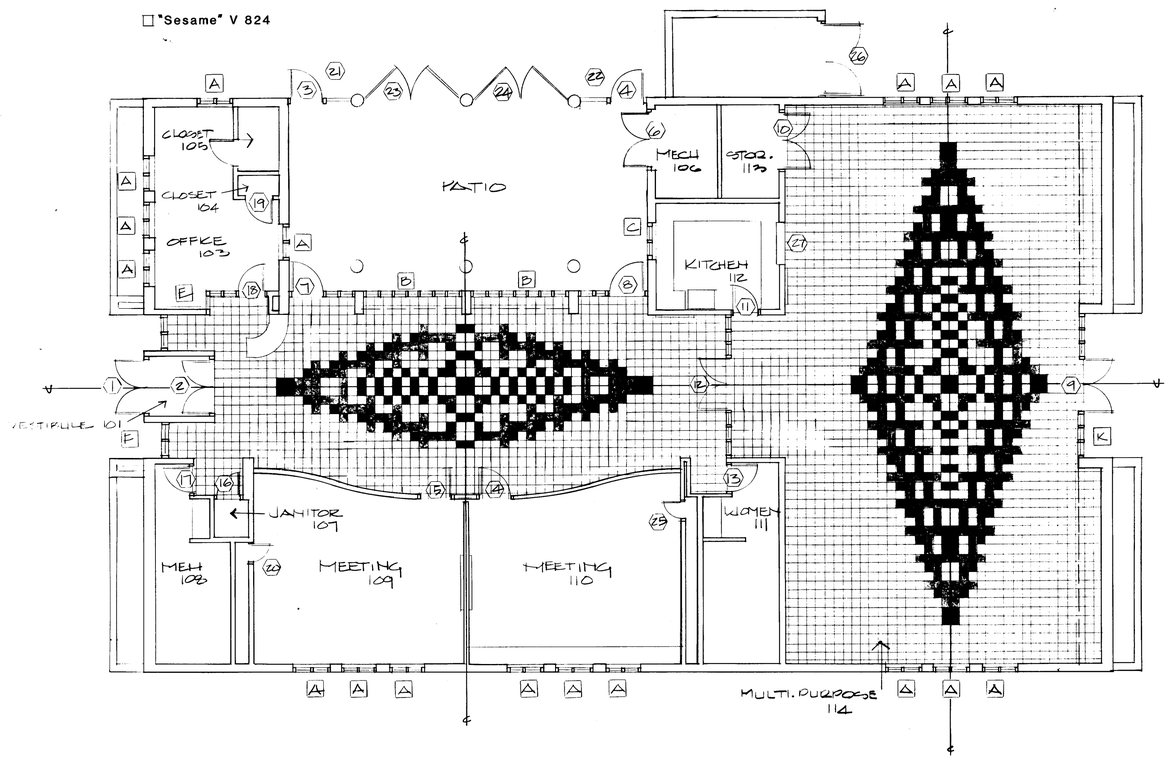
COLOR SCHEDULE



BATHROOM ELEVATION - TILE DETAIL

1/2" = 1'-0"

■ "Dresden" V 330
■ "Arizona Tan" V 333
□ "Sesame" V 824



FLOOR PLAN - TILE DETAIL

1/8" = 1'-0"

FOR INFORMATION ONLY

STATE OF NEW MEXICO
D. JAMES SEE
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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
COLOR SCHEDULES & GRAPHICS

Date
OCT. 5, 1988
Revisions

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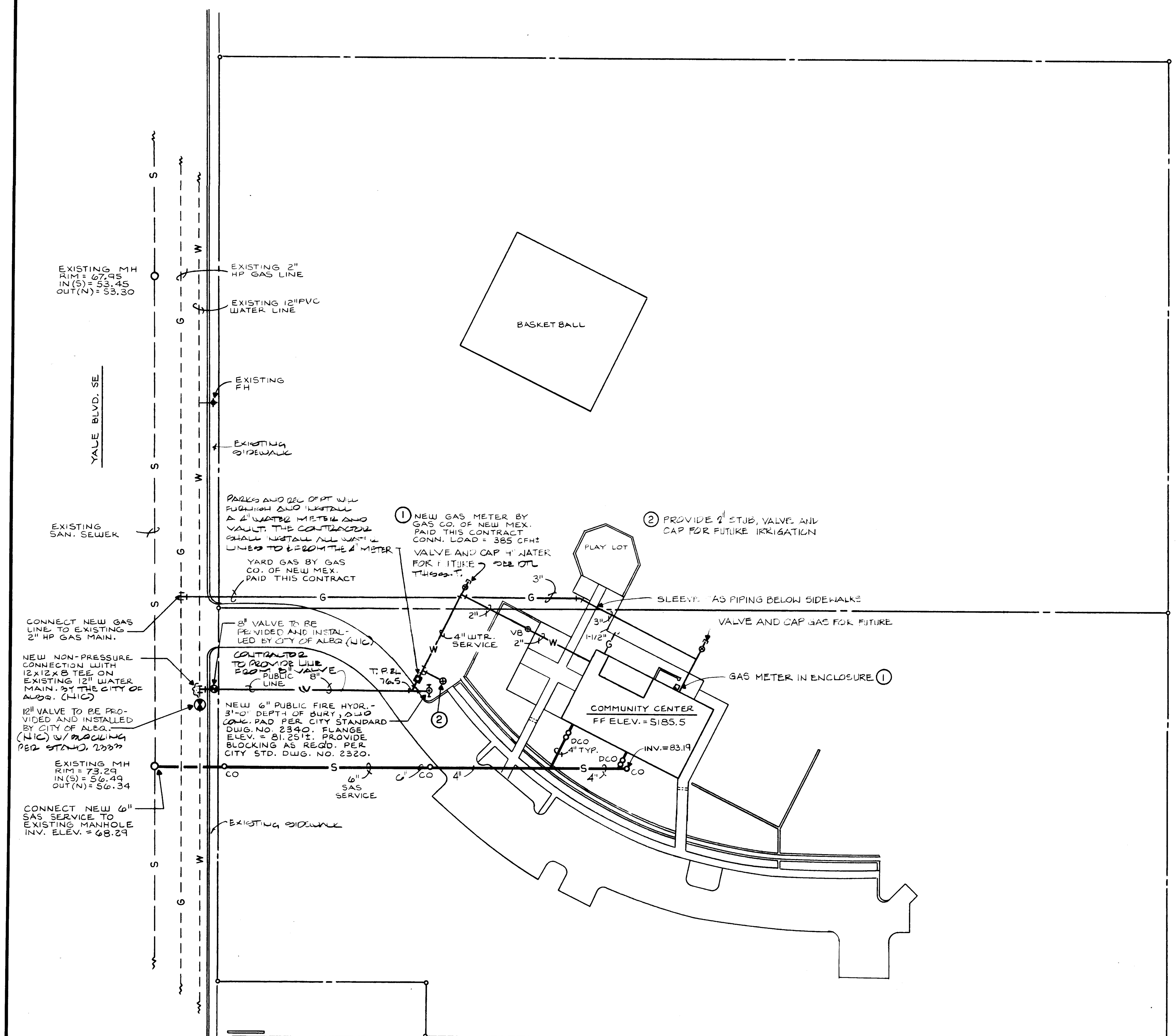
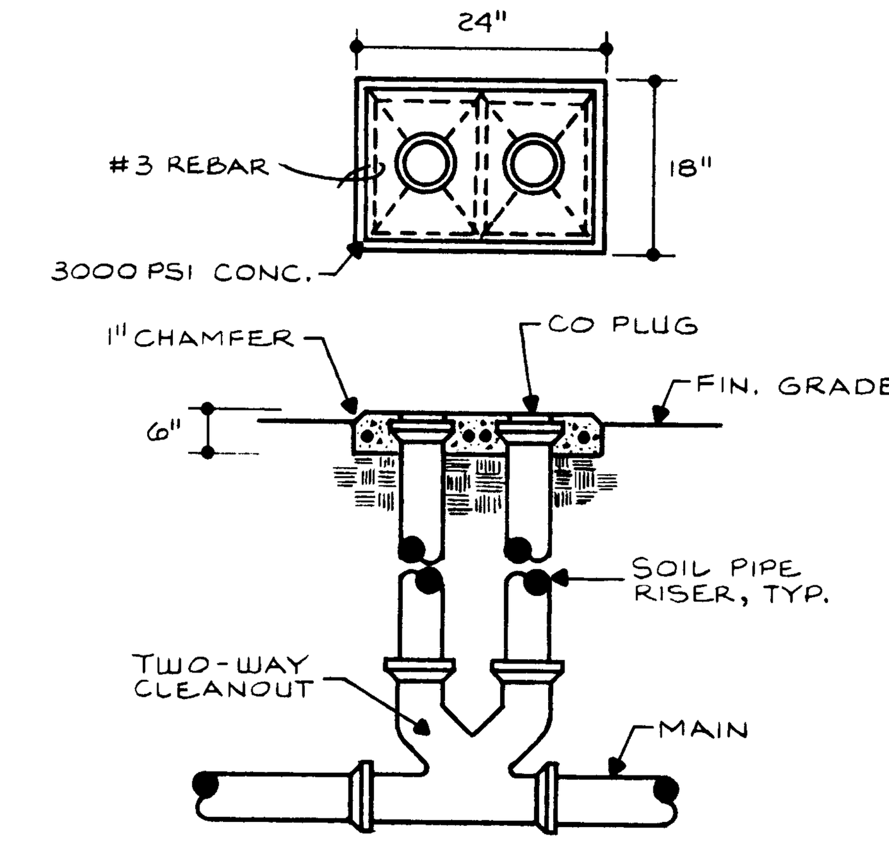


UTILITY SITE PLAN

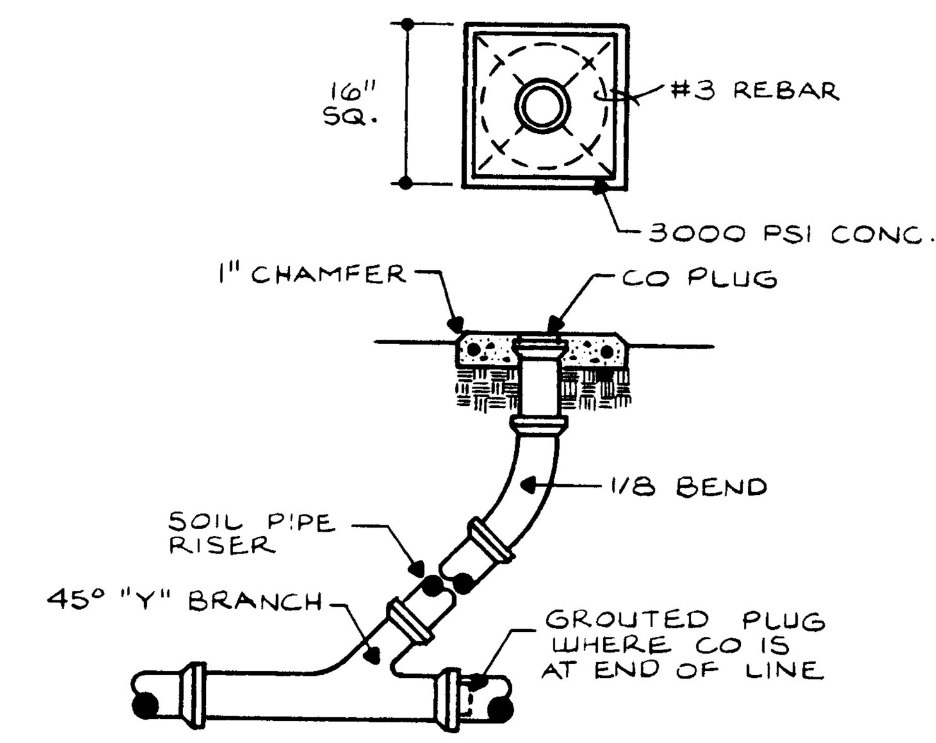
SCALE: 1" = 50'

N



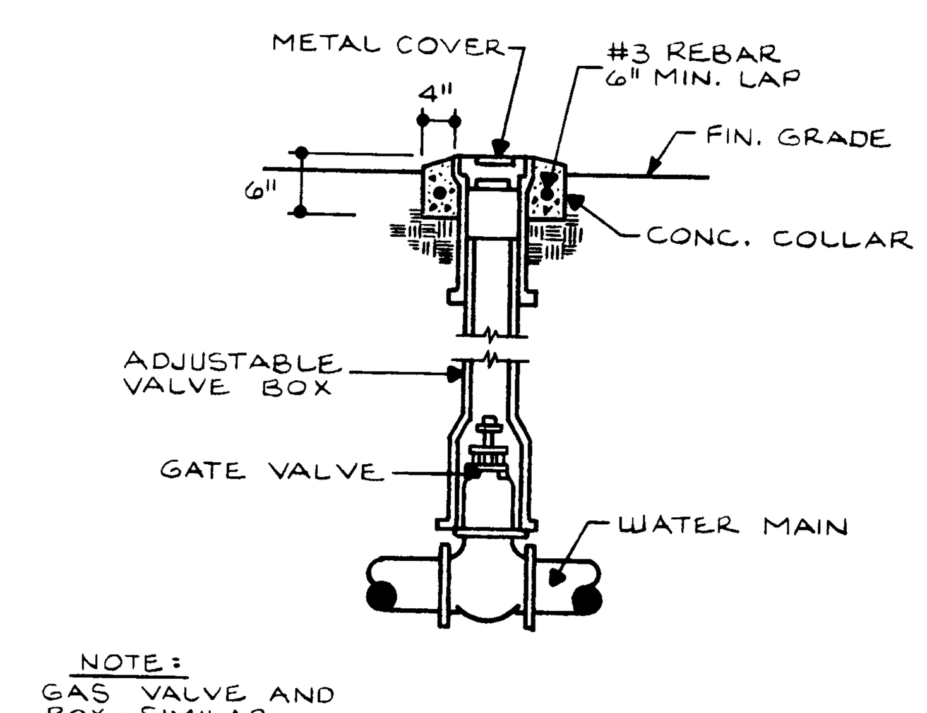
DOUBLE CLEANOUT

NO SCALE



CLEANOUT TO GRADE

NO SCALE



NOTE: GAS VALVE AND BOX - SIMILAR.

VALVE-IN-BOX

NO SCALE

NOTE: THIS DETAIL APPLIES TO ALL VALVES OUTSIDE PUBLIC LINES

GENERAL NOTES

1. CONTRACTOR SHALL VERIFY EXACT SIZE, LOCATION, AND DEPTH OF ALL UTILITIES.
2. UTILITY WORK TO BE INSTALLED PER CITY OF ALB. SS 1986 TECH. SPECS.
3. CONTRACTOR SHALL NOTIFY PARKS AND REC. TO COORDINATE INSTALLATION OF METER VAULT.
4. CONTR. SHALL MAKE ALL STREET CURB AND SIDEWALK REPAIRS REQ'D. FOR UTILITY CUTS ON YALE BLVD. ALL REPAIRS SHALL BE PER CITY OF ALB. SPECS.

LEGEND:

W - WATER LINE
G - GAS LINE
S - SEWER (SANITARY) LINE
—— - WASTE LINE
VB - VALVE-IN-BOX
DCO - DOUBLE CLEANOUT
CO - CLEANOUT TO GRADE
FP - FIRE PROTECTION LINE

26 280 0288

CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
ENGINEERING GROUP

TITLE:

APPROVALS	ENGINEER	DATE	REVISIONS	ENGINEER	DATE
DRC Chair	[signature]	4/16/88		[signature]	9/27/88
Trans Dev	[signature]	"			
Utility Dev	[signature]	4/18/88			

DRAWING NO. 2800 | MAP NO. L-15 | SHEET OF

Architect

Engineer

Edith Cherry
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Albuquerque, N.M. 87102
505 842 1278

LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
UTILITY SITE PLAN & DETAILS

Date
2-5-1988

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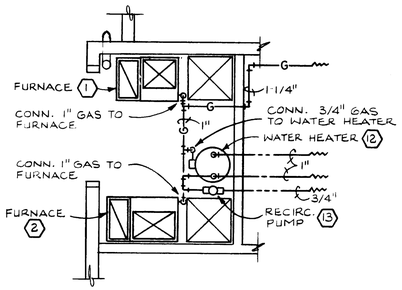
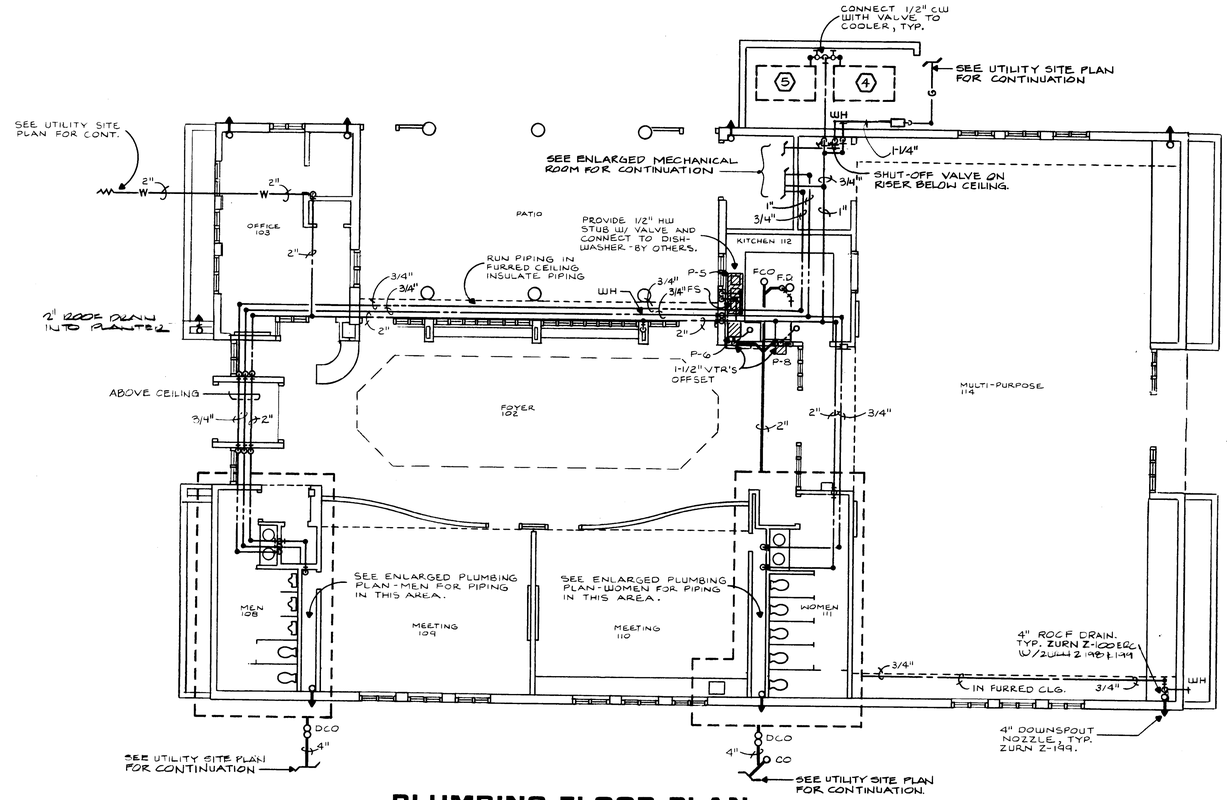


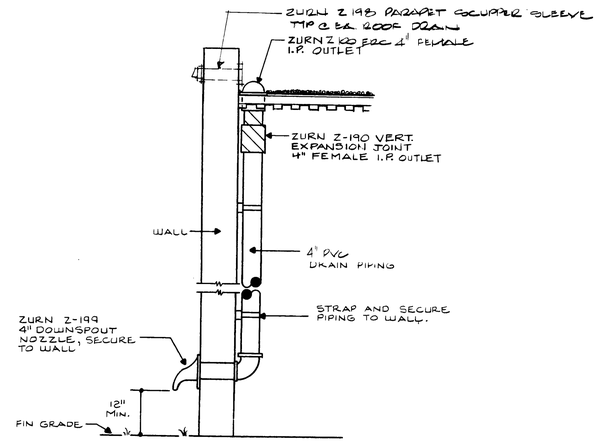
ENLARGED MECHANICAL ROOM

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



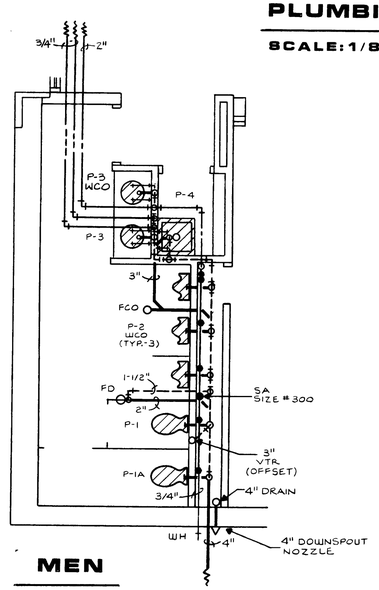
PLUMBING FLOOR PLAN

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

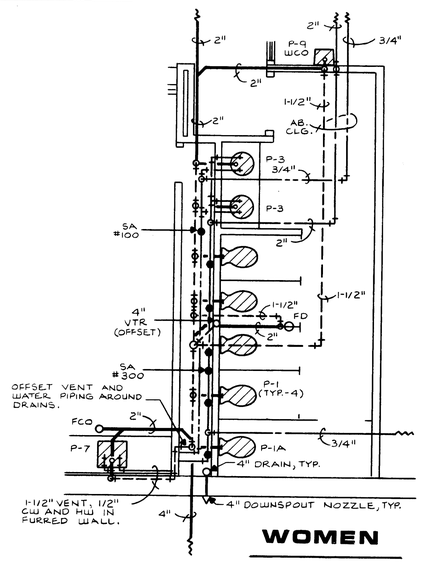


DRAIN DETAIL

NO SCALE



MEN



WOMEN

ENLARGED PLUMBING PLANS

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

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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
PLUMBING FLOOR PLAN & ENLARGED PLUMBG PLAN

Date
OCT 5, 1988
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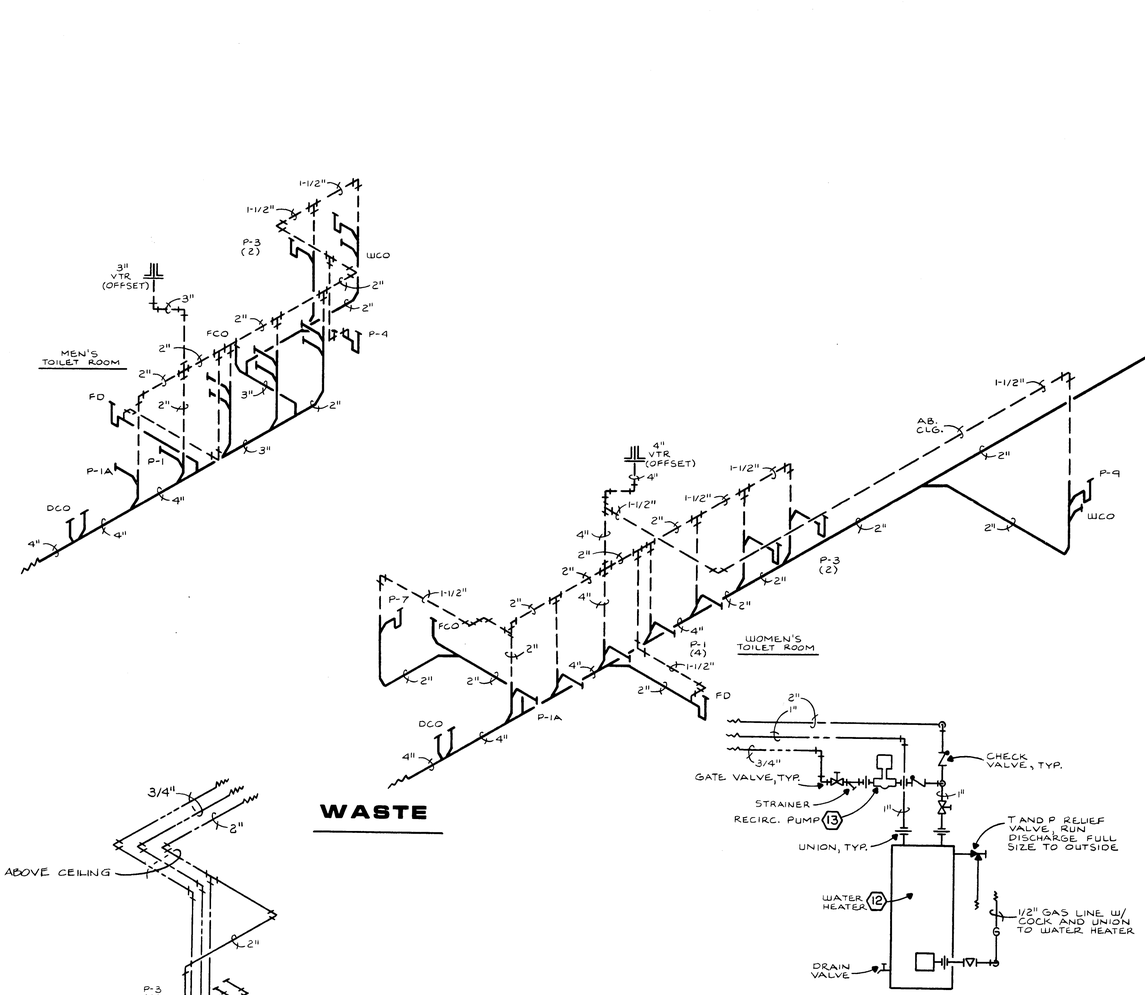
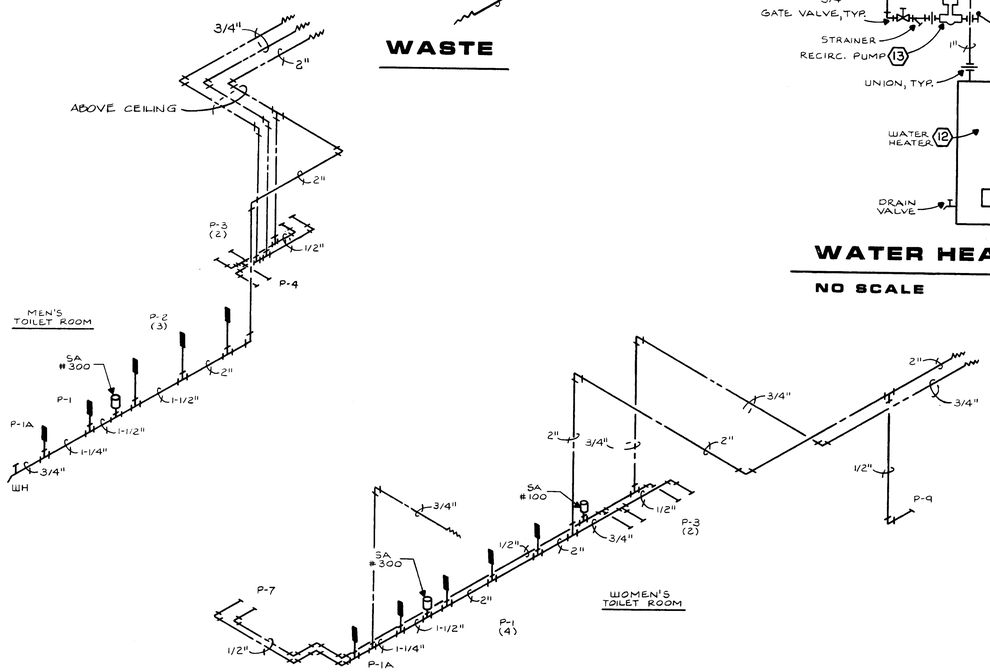
26 28 06 30 88



WATER HEATER DETAIL

NO SCALE



WATER ISOMETRICS

NO SCALE

PLUMBING - FIXTURE SCHEDULE

SYMBOL	DESCRIPTION	COLD WATER	HOT WATER	WASTE	VENT
P-1	Water Closet: American Standard "Afwall" no.2478.014 (O.A.E.), vit. china, wall mounted toilet with back spud. Provide: Sloan Royal 144 concealed flush valve, Beneke no. 527-SS extra heavy duty open front seat less cover with concealed check hinges, and Zurn ZR-1204 single carrier. Furnish bolt caps.	1"	---	4"	1"
P-1A	Water Closet (Handicapped): Same as P-1 except mounted 18" from finish floor to rim.	1"	---	4"	2"
P-2	Urinal: American Standard "Washbrook" no. 6506.011 (O.A.E.), vit. china, wall hung urinal with back spud. Provide: Sloan Royal 195-11 concealed flush valve, and Zurn ZR-1222 carrier.	3/4"	---	2"	1½"
P-3	Lavatory: American Standard "Rondalyn" no. 0491.019 (O.A.E.), vit. china, self-rimming lavatory with front overflow. Provide: No. 2385.063 centerset lavatory faucet, chrome lever control handle, and no. 2411.015 grid drain with 1¼" tailpiece. Furnish wall stops and P-trap. Insulate hot water supply and P-trap.	1/2"	1/2"	2"	1½"
P-4	Mop Basin: Fiat model MSB-2424 (O.A.E.) 24" x 24" molded stone basin with no. 874 cast drain body, no. 302 16 ga. s/s combination dome strainer and lint basket, no. 830 faucet with vacuum breaker, integral stops, wall brace, pail hook, and 3/4" hose thread spout, no. 832-AA 30" long rubber hose and bracket, and no. E-77-AA rigid vinyl bumperguard.	1/2"	1/2"	3"	2"
P-5	Kitchen Sink: Just "Stylist" model TLX-1843-A-GR, 18" x 43" triple compartment, 18 ga. s/s self-rimming sink. Provide: (2) JV-1122A dual handle deck mounted faucets, (3) J-35 cup strainer with removable basket and 1½" tailpiece, and J-765 cont. waste fitting. Run waste to floor sink. Furnish wall stops.	1/2"	1/2"	Indirect	---
P-6	Grease Interceptor: Zurn Z-1170 (O.A.E.), size 500 with rating of 20 gpm flow and 40 lbs. grease capacity. Provide: Zurn Z-1408 flow control fitting.	---	---	2"	1½"
P-7	Bar Sink: Elkay "Pacemaker" model no. PSR-1517 (O.A.E.) 15" x 17½" type 302, 20 ga. s/s self-rimming single compartment sink with 1 faucet hole. Provide: No. LK-2088-8 two-handle bar faucet with rigid goose-neck spout, and no. LK-335 duo-strainer with cup and 1½" tailpiece. Furnish wall stops and P-trap.	1/2"	1/2"	2"	1½"
P-8	Electric Water Cooler (Handicapped): Elkay model no. EHF-8 (O.A.E.), wall mounted cooler with front push bar and flexible bubbler. (Color by Architect). Capacity at 7.6 gph of 50°F drinking water at 90°F room temperature and 80°F inlet water temperature. 1/5 hp, 390 watts, 4.8 amps, 120v-1ø. Provide: Zurn Z-1225 carrier. Furnish wall stop and P-trap.	1/2"	---	2"	1½"
P-9	Drinking Fountain: Elkay model No. EDFP-19-C (O.A.E. wall hung, simulated semi-recessed with front push bar and flexible bubbler. Stainless steel finish. Furnish wall stop and P-trap.	1/2"	---	2"	1½"
FCO	Floor Cleanout: Zurn Z-1400-2 (O.A.E.).	---	---	As Req'd	---
FD	Floor Drain: Zurn Z-415 with type b strainer (O.A.E.	---	---	2"	1½"
SA	Shock Absorber: Zurn Z-1700 (O.A.E.), see plan for size.	As Req'd	As Req'd	---	---
WCO	Wall Cleanout: Zurn Z-1460-8 (O.A.E.)	---	---	As Req'd	---
WH	Wall Hydrant: Zurn Z-1310 (O.A.E.) exposed, non-freeze type with integral backflow preventer and removable operating key.	3/4"	---	---	---
FS	Floor Sink: Zurn Z-1901-4 with full grate with center opening.	---	---	2"	---

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LOMA LINDA COMMUNITY CENTER
1700 YALE BLVD. S.E.
ALBUQUERQUE, NEW MEXICO

Title of Sheet
PLUMBING ISOMETRICS AND SCHEDULES

Date
OCT. 5, 1988
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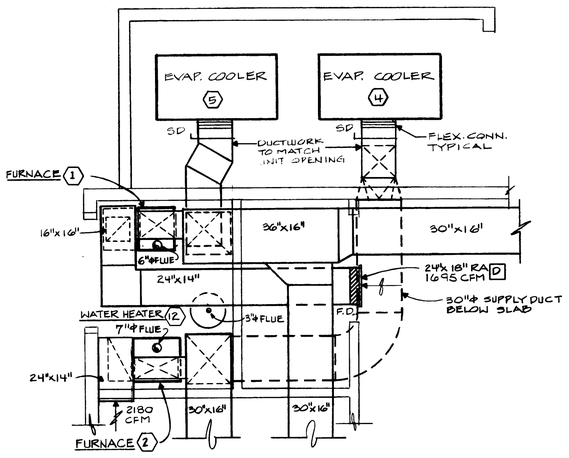
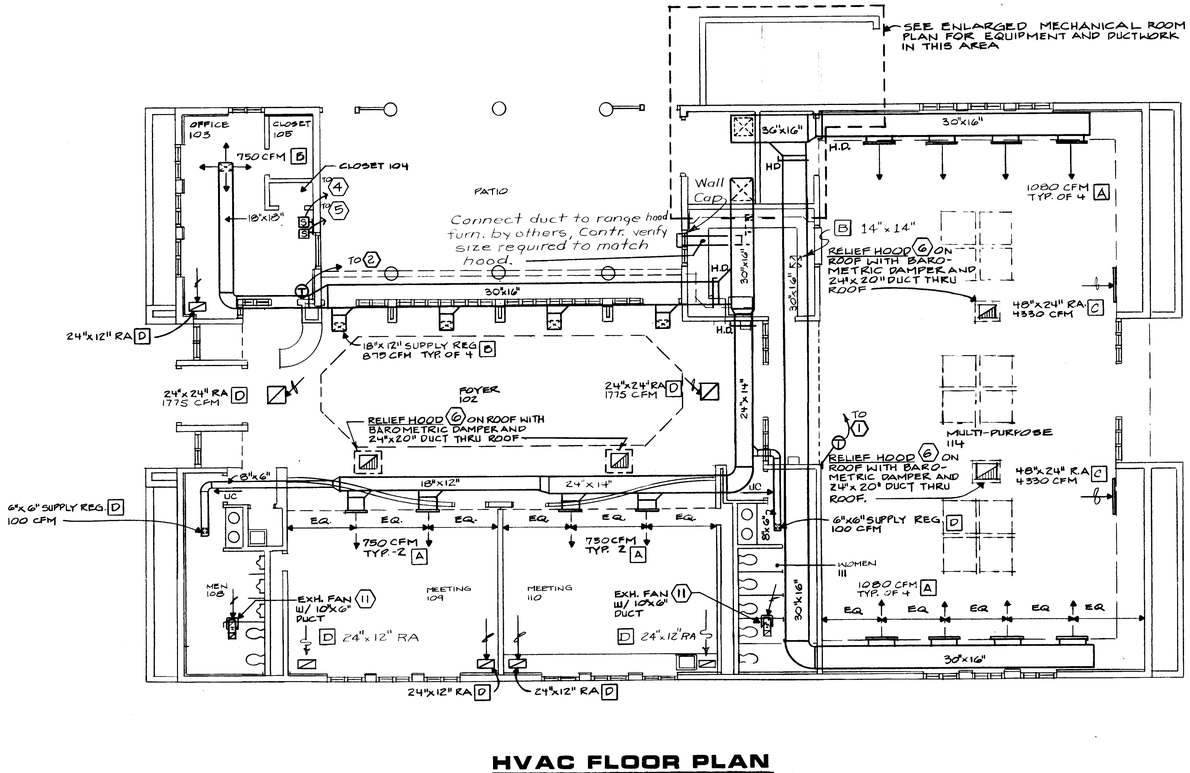


ENLARGED MECHANICAL ROOM
SCALE: 1/4": 1'-0"



HVAC FLOOR PLAN
SCALE: 1/8": 1'-0"

LEGEND

BD - BAROMETRIC DAMPER

SD - SLIDE DAMPER

UC - UNDER CUT DOOR

[S] - EVAP. COOLER CONTROL SWITCH

Ⓣ - ZONE THERMOSTAT (24V)

HD - HAND DAMPER

GENERAL NOTES:

1. Duct sizes shown are net inside dimensions. Add 2" to each dimension of acoustically lined and externally insulated ducts to arrive at actual metal out-to-out dimension.
2. The Sheet Metal Sub-Contractor shall coordinate with lighting plan and reflected ceiling plan for exact location of grilles, registers, and diffusers.
3. Provide turning vanes in square (90°) elbows.
4. All low velocity supply, return, and exhaust duct joints and seams shall be taped airtight using high velocity duct tape such as Hardcast, OAE.
5. All equipment selections are selected at elevation.
6. All thermostats shall be mounted 5'-0" above finished floor. PROVIDE LOCKING COVERS IN PUBLIC ROOMS.
7. Provide access door(s) to fire dampers, hand dampers, and piping valves in hard ceiling.
8. Mechanical Contractor shall coordinate all roof penetrations with structural conditions.

1 2 3 4 5 6 7 8 9 10 11 12
26 | 2800328788

Architect

RAUL PARRA NEW MEXICO 7108 REGISTERED PROFESSIONAL ENGINEER

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LOMA LINDA COMMUNITY CENTER
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ALBUQUERQUE, NEW MEXICO

Title of Sheet
HVAC FLOOR PLAN

Date
OCT 5, 1988
Revisions

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KEYED NOTES

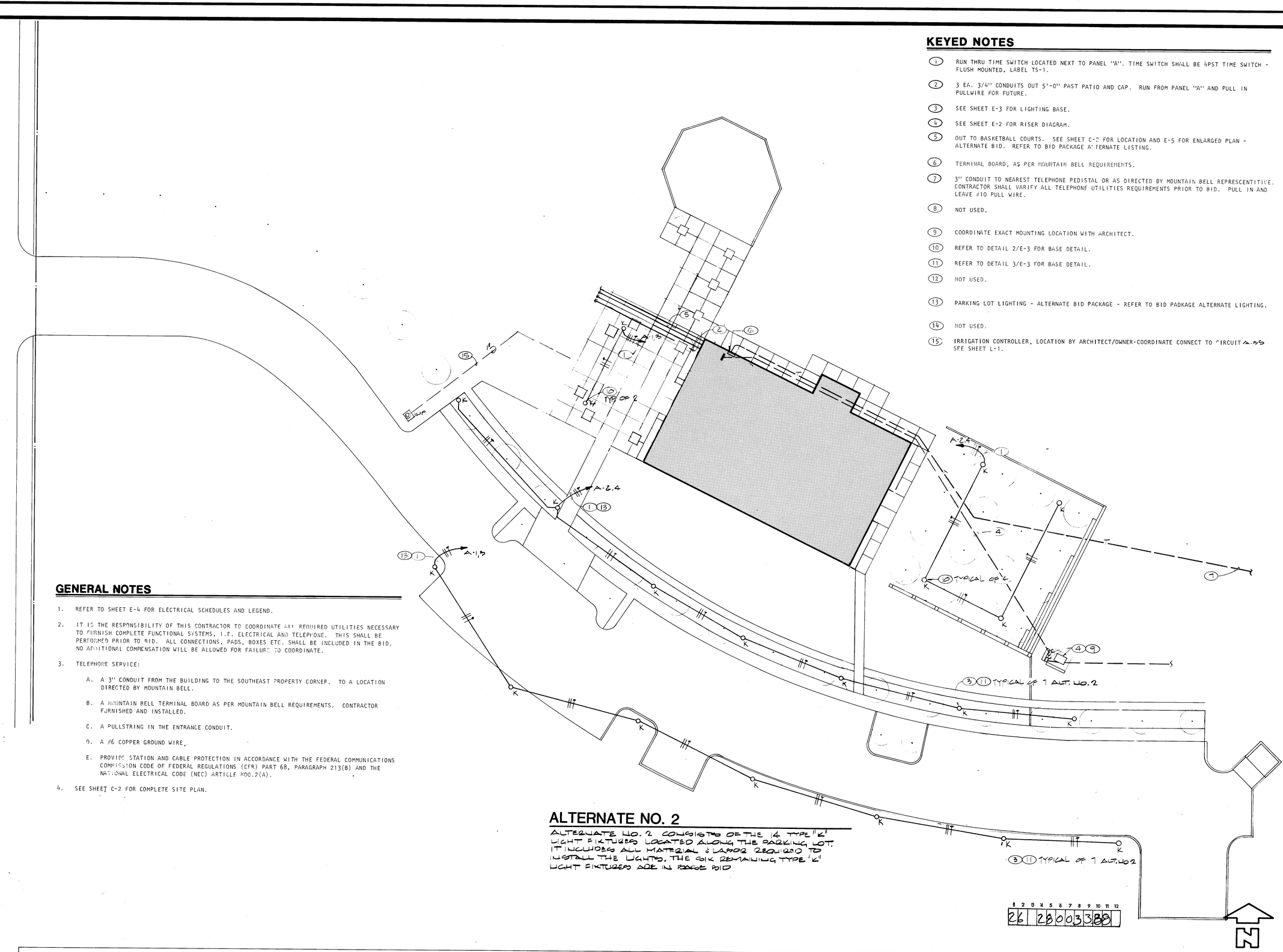
1. RUN THRU TIME SWITCH LOCATED NEXT TO PANEL "A". TIME SWITCH SHALL BE 4PST TIME SWITCH - FLUSH MOUNTED, LABEL TS-1.
2. 3 EA. 3/4" CONDUITS OUT 5'-0" PAST PATIO AND CAP. RUN FROM PANEL "A" AND PULL IN PULLWIRE FOR FUTURE.
3. SEE SHEET E-3 FOR LIGHTING BASE.
4. SEE SHEET E-2 FOR RISER DIAGRAM.
5. OUT TO BASKETBALL COURTS. SEE SHEET C-2 FOR LOCATION AND E-5 FOR ENLARGED PLAN - ALTERNATE BID. REFER TO BID PACKAGE ALTERNATE LISTING.
6. TERMINAL BOARD, AS PER MOUNTAIN BELL REQUIREMENTS.
7. 3" CONDUIT TO NEAREST TELEPHONE PEDISTAL OR AS DIRECTED BY MOUNTAIN BELL REPRESCENTITIVE. CONTRACTOR SHALL VARIFY ALL TELEPHONE UTILITIES REQUIREMENTS PRIOR TO BID. PULL IN AND LEAVE #10 PULL WIRE.
8. NOT USED.
9. COORDINATE EXACT MOUNTING LOCATION WITH ARCHITECT.
10. REFER TO DETAIL 2/E-3 FOR BASE DETAIL.
11. REFER TO DETAIL 3/E-3 FOR BASE DETAIL.
12. NOT USED.
13. PARKING LOT LIGHTING - ALTERNATE BID PACKAGE - REFER TO BID PADKAGE ALTERNATE LIGHTING.
14. NOT USED.
15. IRRIGATION CONTROLLER, LOCATION BY ARCHITECT/OWNER-COORDINATE CONNECT TO CIRCUIT A-35 SEE SHEET L-1.

GENERAL NOTES

1. REFER TO SHEET E-4 FOR ELECTRICAL SCHEDULES AND LEGEND.
2. IT IS THE RESPONSIBILITY OF THIS CONTRACTOR TO COORDINATE ALL REQUIRED UTILITIES NECESSARY TO FURNISH COMPLETE FUNCTIONAL SYSTEMS, I.E. ELECTRICAL AND TELEPHONE. THIS SHALL BE PERFORMED PRIOR TO BID. ALL CONNECTIONS, PADS, BOXES ETC. SHALL BE INCLUDED IN THE BID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO COORDINATE.
3. TELEPHONE SERVICE:
   - A. A 3" CONDUIT FROM THE BUILDING TO THE SOUTHEAST PROPERTY CORNER. TO A LOCATION DIRECTED BY MOUNTAIN BELL.
   - B. A MOUNTAIN BELL TERMINAL BOARD AS PER MOUNTAIN BELL REQUIREMENTS. CONTRACTOR FURNISHED AND INSTALLED.
   - C. A PULLSTRING IN THE ENTRANCE CONDUIT.
   - D. A #6 COPPER GROUND WIRE.
   - E. PROVIDE STATION AND CABLE PROTECTION IN ACCORDANCE WITH THE FEDERAL COMMUNICATIONS COMMISSION CODE OF FEDERAL REGULATIONS (CFR) PART 68, PARAGRAPH 213(B) AND THE NATIONAL ELECTRICAL CODE (NEC) ARTICLE 800.2(A).
4. SEE SHEET C-2 FOR COMPLETE SITE PLAN.

ALTERNATE NO. 2

ALTERNATE NO. 2 CONSISTS OF THE 14 TYPE "K" LIGHT FIXTURES LOCATED ALONG THE PARKING LOT. IT INCLUDES ALL MATERIAL & LABOR REQUIRED TO INSTALL THE LIGHTS. THE SIX REMAINING TYPE "K" LIGHT FIXTURES ARE IN BASE BID



ELECTRICAL UTILITIES PLAN

SCALE: 1"=20'-0"

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LOMA LINDA COMMUNITY CENTER
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ALBUQUERQUE, NEW MEXICO

Title of Sheet
ELECTRICAL UTILITIES PLAN

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OCT 5, 1988
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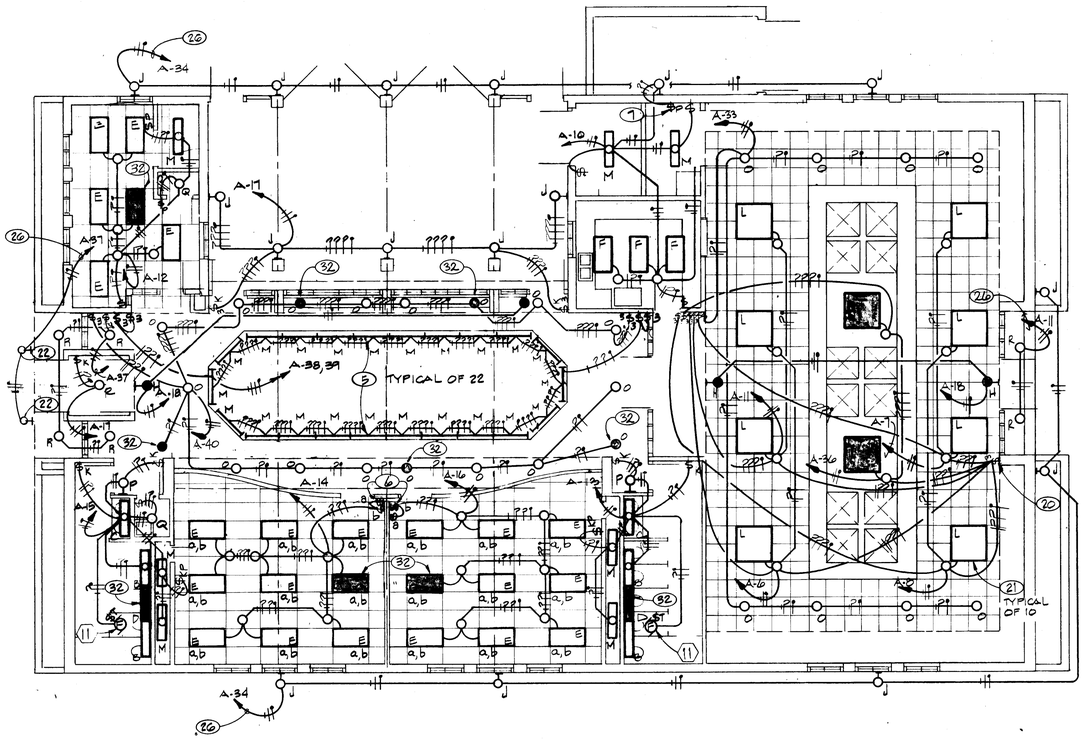
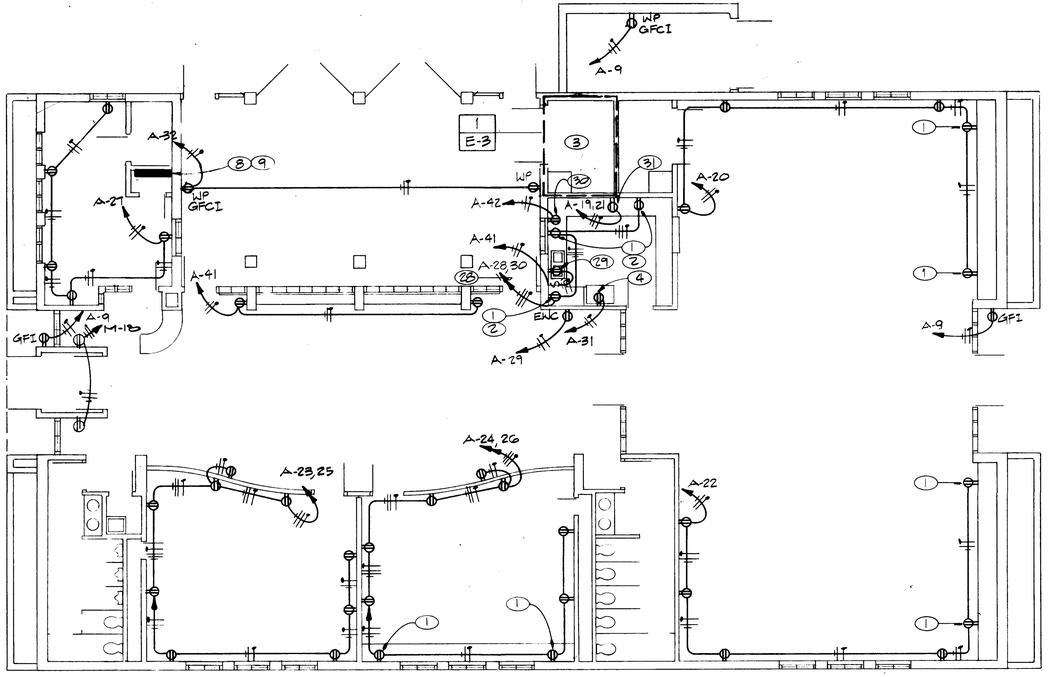


LIGHTING PLAN



POWER PLAN

KEYED NOTES

(1) COORDINATE MOUNTING HEIGHTS/LOCATIONS WITH CABINETRY INSTALLER/SUPPLIER.

(2) SPLIT WIRED RECEPTACLES AS PER N.E.C.

(3) SEE ENLARGED PLAN THIS AREA SHEET E-3.

(4) REFRIGERATOR OUTLET - COORDINATE WITH OWNER/ARCHITECT.

(5) TYPE "M" FIXTURES IN ARCHITECTURAL LIGHTING COVE, REFER TO ARCHITECTURAL FOR DETAILS.

(6) Sa SHALL CONTROL CENTER LAMP IN EACH FIXTURE WITH Sb CONTROLING REMAINING 2 LAMPS.

(7) LABLE ABOVE SWITCH - "MECHANICAL AREA EXTERIOR LIGHT".

(8) PANEL "A".

(9) PANEL "M".

(10) LINK BETWEEN NEUTRAL AND GROUND BUS.

(11) PAD MOUNTED TRANSFORMER BY PNM. PAD BY THIS CONTRACTOR SHALL BE AS PER PNM DS-7-16.4 OR AS DIRECTED BY PNM REPRESENTITIVE.

(12) METERING ENCLOSURE AS PER PNM DS-19-15.1 OR AS DIRECTED BY PNM REPRESENTITIVE.

(13) FUSED DISCONNECT SWITCHES RATED 200AMPS, 208Y/120VAC, 3Ø, 4W SECONDARY IN NEMA 3R ENCLOSURE. FUSED WITH FUSETRONS.

(14) 4#500 MCM THW COPPER AND 1#1/0 GND IN ONE 4" CONDUIT.

(15) 4#4/0 THW COPPER AND 1#2 GND IN ONE 3" CONDUIT.

(16) 4#4/0 THW COPPER AND 1#2 GND IN ONE 3" CONDUIT.

(17) 1#1/0 GND ON ONE 3/4" CONDUIT.

(18) EXACT LOCATION SHALL BE AS DIRECTED BY PNM/ARCHITECT.

(19) 3-3/4"x 10'-0" COPPER CLAD GROUND RODS SPACES APPROXIMATELY 10'-0" APART FROM EACH OTHER. PROVIDE CADWELDS FOR ALL UNDERGROUND GROUND CONNECTIONS.

(20) 5 EA. 3 WAY SWITCHES AT THIS LOCATION.

(21) SUPPORT 4'x4' TYPE "L" FIXTURES AT ALL CORNERS FROM STEEL JOISTS ABOVE.

(22) SIGN LIGHT TYPE "A" EXTENDED OUT FROM BUILDING SIGNAGE 2'=0"±. COORDINATE EXACT LOCATION W/ARCHITECT. SEE ELEVATIONS

(23) NOT USED

GENERAL NOTES

1. COORDINATE MOUNTING LOCATION OF ALL SWITCHES AND RECEPTACLES WITH ARCHITECTURAL AND MECHANICAL EQUIPMENT. NO ADDITIONAL COMPENSATION WILL BE ALLOWED DUE TO LACK OF COORDINATION.

2. COORDINATE EXACT MOUNTING LOCATIONS OF SWITCHES AND LIGHTING FIXTURES WITH ARCHITECTURAL.

KEYED NOTES (CONT.)

(24) NOT USED.

(25) NOT USED.

(26) RUN THROUGH TIME SWITCH LOCATED NEXT TO PANEL "A". TIME SWITCH SHALL BE 4PST TIME SWITCH, FLUSH MOUNTED, LABLE TS-2.

(27) NOT USED.

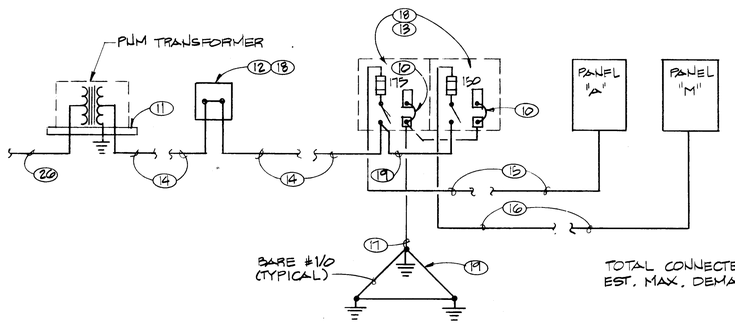
(28) RUN BACK TO GFCI CIRCUIT BREAKERS IN PANEL "A".

(29) DISPOSER OUTLET WITH SWITCH, COORDINATE SWITCH AND OUTLET LOCATION WITH ARCHITECT.

(30) DISHWASHER OUTLET, COORDINATE EXACT LOCATION WITH ARCHITECT.

(31) RANGE OUTLET, THIS CONTRACTOR SHALL FURNISH AND INSTALL RECEPTACLE TO MATCH ARCHITECTURAL SPECIFIED EQUIPMENT.

(32) FIXTURES INDICATED ARE EMERGENCY ILLUMINATION SOURCES DURING NORMAL POWER FAILURE. ALL LAMPS IN FIXTURE INDICATED SHALL BE CONNECTED TO NORMAL POWER SUPPLY/CONTROL WITH ONE LAMP ALSO BEING CONNECTED THROUGH AN EMERGENCY BATTERY SUPPLY. THE EMERGENCY BATTERY SUPPLY SHALL BE RADIANT #SMC-77 COMPLETE WITH INDICATOR LIGHT AND TEST SWITCH. BATTERY SUPPLY UNIT ALONG WITH TEST SWITCH SHALL BE INSTALLED IN FIXTURE PER EMERGENCY BATTERY UNIT MANUFACTURERS WIRING DIAGRAMS FOR A/C SWITCHED CIRCUIT/CONTROL.



TOTAL CONNECTED LOAD: 89.7 KVA
EST. MAX. DEMAND: 84.8 KVA

POWER RISER DIAGRAM

ELECTRICAL PLANS

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

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Title of Sheet
LIGHTING & POWER PLAN

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OCT 5, 1988
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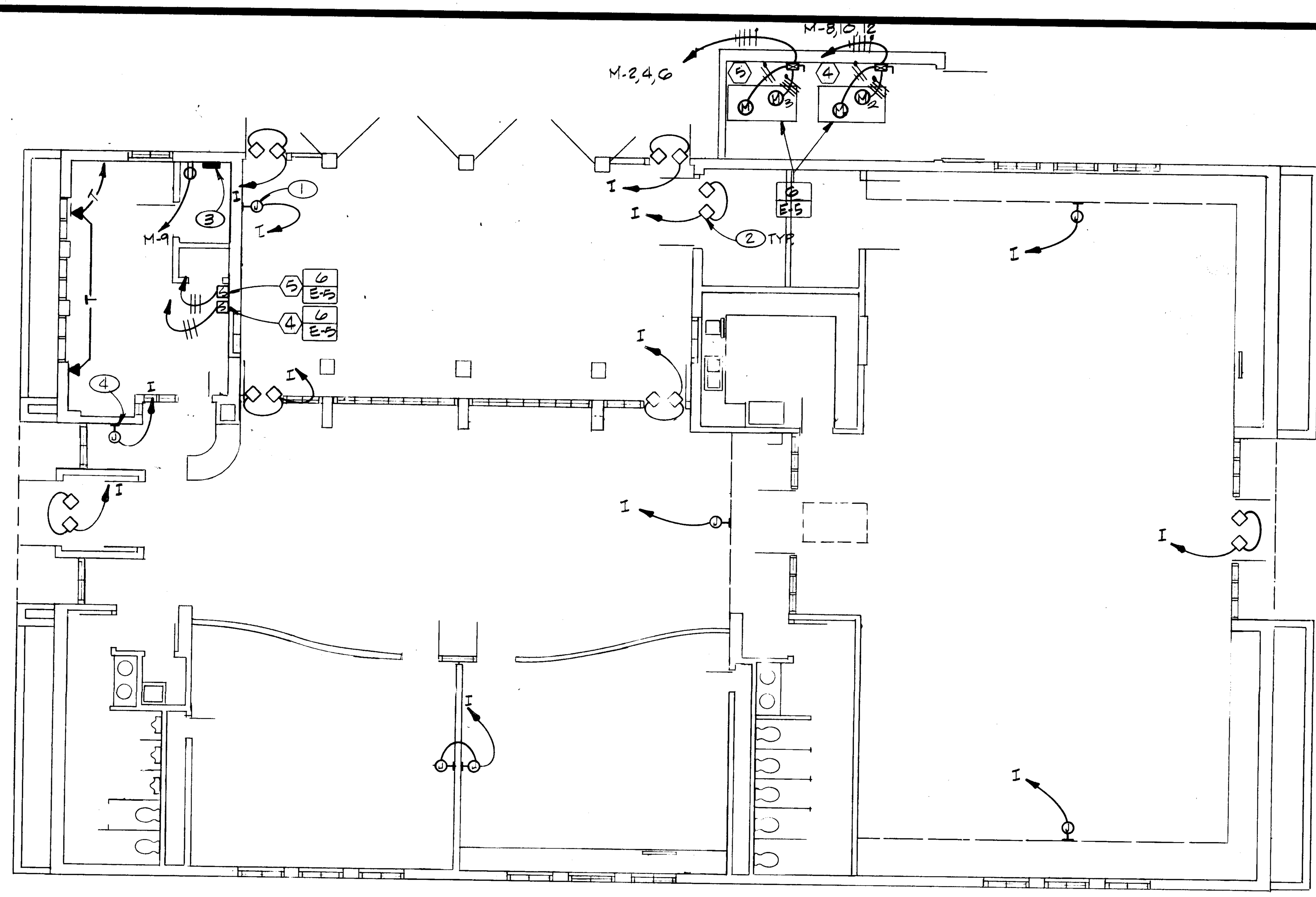


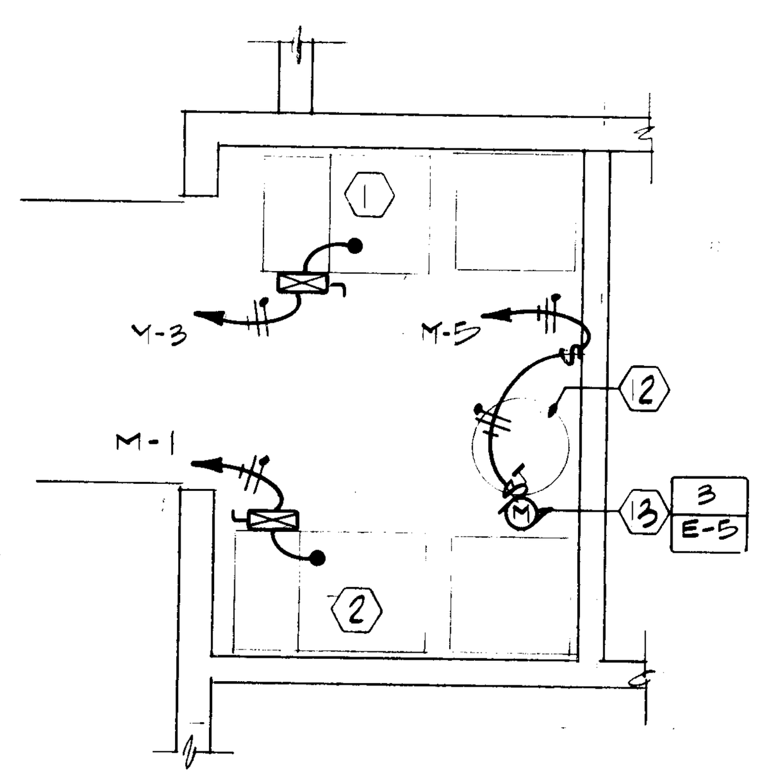
SPECIAL SYSTEMS PLAN

KEYED NOTES

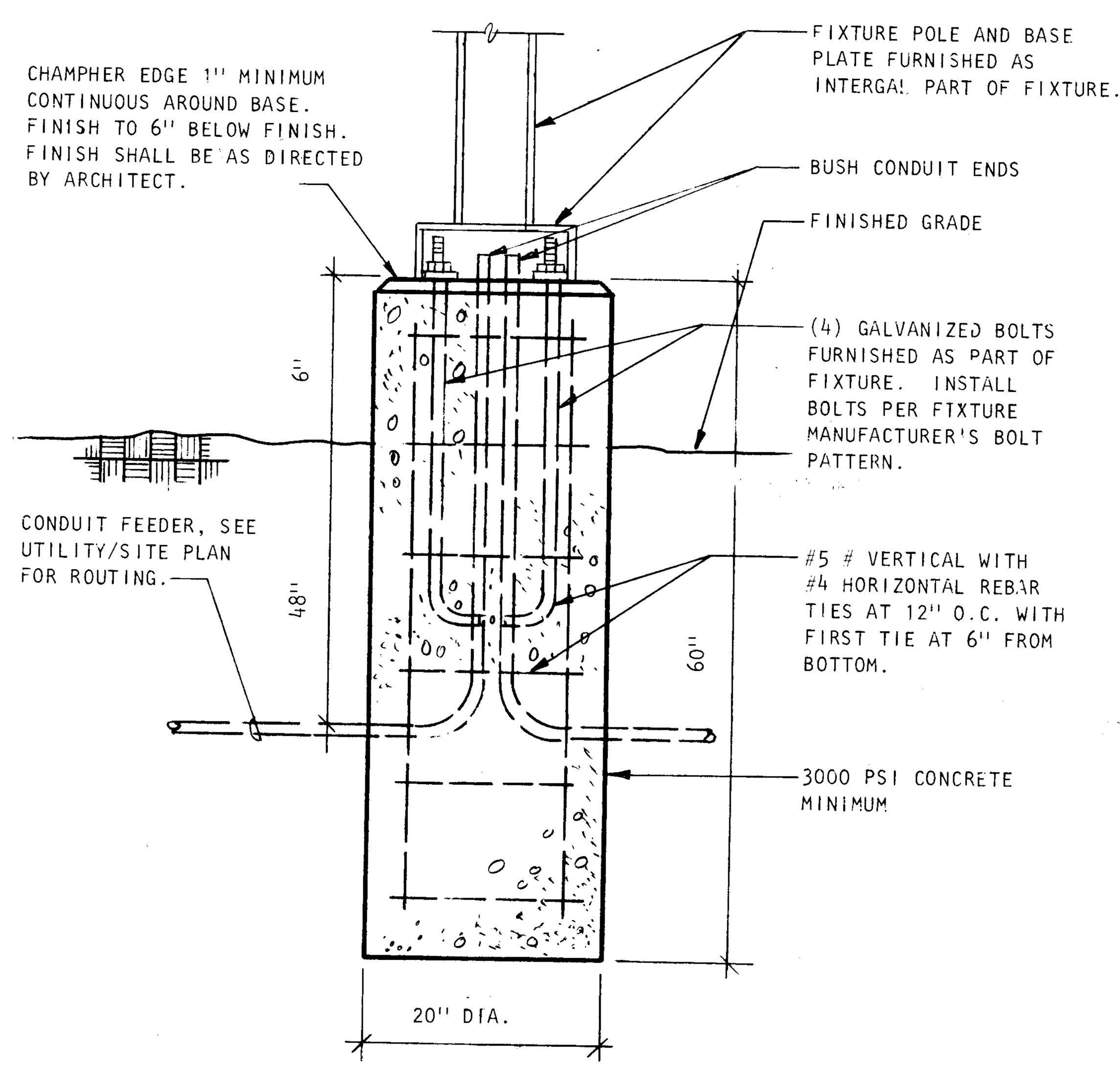
1. OUTLET BOX FOR SIREN.
2. MAGNETIC DOOR CONTACTS, BY OTHERS, TYPICAL - COORDINATE ROUGH-IN WITH SECURITY CONSULTANT/ARCHITECT.
3. FLUSH MOUNTED SECURITY CABINET - NEMA 1 14"x 14"x 3 1/2".
4. KEY-PAD OUTLET BOX.

GENERAL NOTES

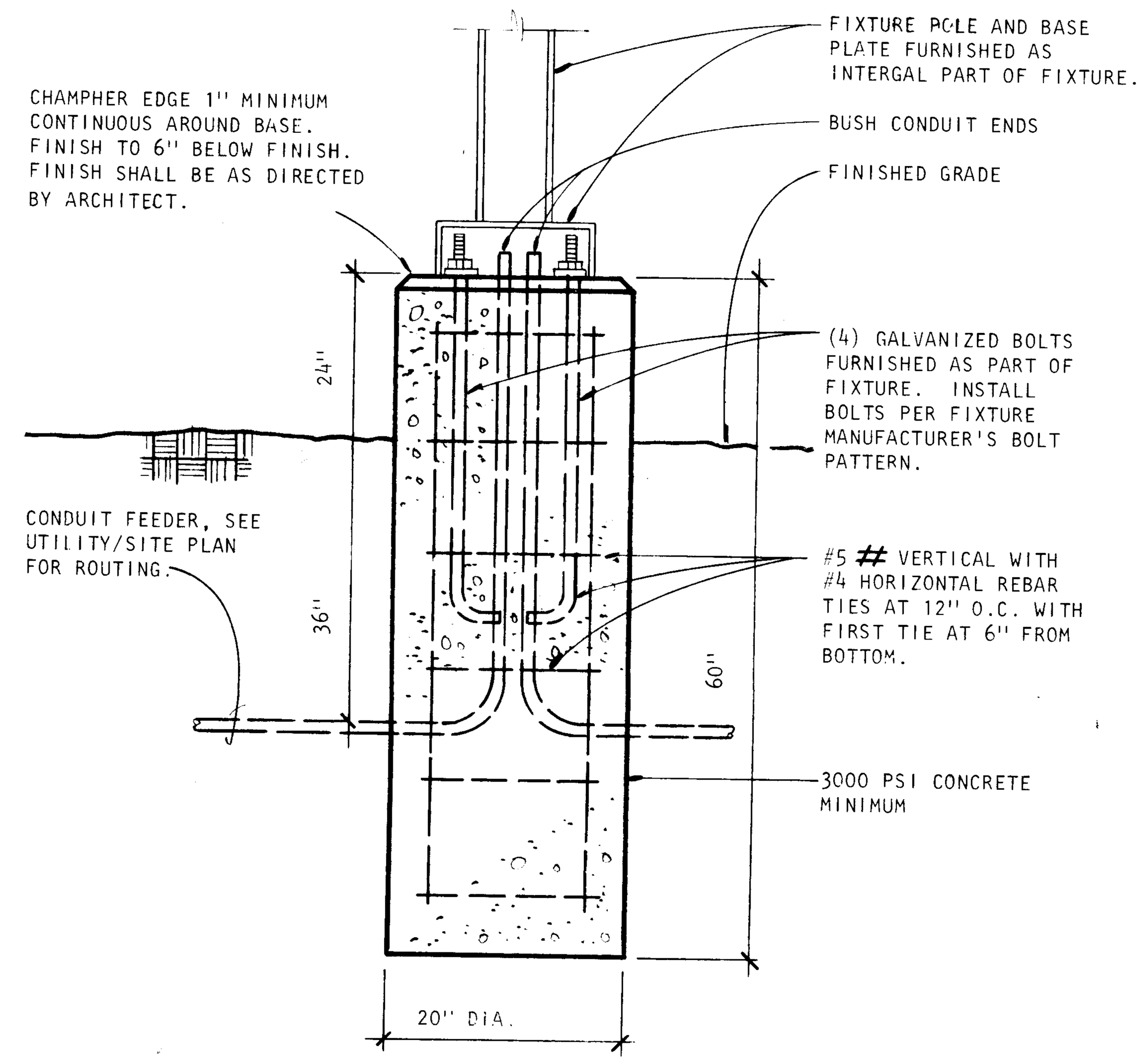
1. THE SECURITY SYSTEM WIRING AND SENSING DEVICES WILL BE INSTALLED BY THE SECURITY CONSULTANT FOR THE CITY OF ALBUQUERQUE. ALL JUNCTION BOXES, CONDUIT, CABINETS, ETC. WILL BE FURNISHED BY THE CONTRACTOR.
2. SECURITY SYSTEM LAYOUT REPRESENTS ROUGH-IN REQUIREMENTS ONLY OF SECURITY CONSULTANT FOR THE CITY OF ALBUQUERQUE. EXACT LOCATIONS, REQUIREMENTS SHALL BE COORDINATED WITH SECURITY CONSULTANT/ARCHITECT, PRIOR TO BID. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR FAILURE TO COORDINATE.
3. ALL DOOR ALARMS MUST BE SET INSIDE OF THE HOLLOW METAL FRAMES. NO SURFACE MOUNTED WIRING OR SWITCHES WILL BE ALLOWED.
4. ITEMS INDICATED WITH A ⬡ SYMBOL REFER TO MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS FOR DESCRIPTIONS.



ENLARGED MECHANICAL ROOM 1 / E-3
SCALE: 1/4"-1'-0"



FIXTURE TYPE "K" ORCHARD MOUNTING DETAIL 2 / E-3
NO SCALE



FIXTURE TYPE "K" PARKING LOT MOUNTING DETAIL 3 / E-3
NO SCALE

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

ELECTRICAL PLANS

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

Architect

MAR. 21, 1988
Engineer

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LOMA LINDA COMMUNITY CENTER
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SPECIAL SYSTEMS & DETAILS

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EQUIPMENT SCHEDULE

SYMBOL	DESCRIPTION
1 and 2	Furnaces: Upflow, natural gas fired, AGA approved with 100% safety cut-off and orificed for operation at 5300 ft. elevation. Provide unit complete with filters, filter cabinet, and night setback thermostat with fan sub-base. Day and Night models as follows:
3	Deleted.
4 and 5	Evaporative Coolers: Unit composed of dry module, wet module, and media section. Coated steel cabinet, junction box, UL listed pump (115v-1ø), float water assembly and water distribution system with bleed-off, and ARVPAC 8" cellular media. Provide control package with relays, transformer, and NEMA 3R enclosure, and indoor temperature control panel with fan and pump switches. Arvin Mastercool models as follows: Provide with starters.
6	Relief Hoods: Heavy duty, grey primer coated for field painting as directed by Architect. Provide unit with insect screen, and factory mounted barometric damper in throat. 4330 cfm at 0.25 sp. 24" x 20" throat size, 3.3 sq.ft. throat area. Acme model EV.
7	Deleted.
8	Deleted.
9	Deleted
10	Deleted.
11	Exhaust Fans: Ceiling mounted, all metal housing with centrifugal blower wheel, back-draft damper, and disconnect. 130 cfm at 0.20" sp, 1/50 hp, 115v-1ø. Pace model DD-200G.
12	Water Heater: Natural gas fired, AGA approved with 100% safety cut-off and orificed for operation at 5300 ft. elevation. Provide glass lined tank, high limit, and temperature and pressure relief valve. 40 gallon storage, 32,500 BTUH sea level input, 33.2 gph recovery at 90°F rise. A.O. Smith model PGC-40.
13	Recirculating Pump: Inline mounting, bronze fitted with mechanical seals. (Provide spare seal.) 5 gpm at 10 ft. head, 1/6 hp, 115v-1ø. B and G model Series PR.
14	Deleted.

Symbol	Model	MBTU Input	CFM	E.S.P.	H.P.	Voltage
1	394G048150	150	1695	0.4"	1/2 PSC	115v-1ø
2	394G060200	200	2180	0.4"	1/2 PSC	115v-1ø

Symbol	Model	CFM	S.P.	H.P.	Voltage
4	MS521	7260	0.5"	2	200v-3ø
5	MS521	8660	0.4"	3	200v-3ø

GRILLE AND REGISTER SCHEDULE

SYMBOL	DESCRIPTION
A	Sidewall Registers: Double deflection with vanes set on 3/4" centers, plaster frame, and OBD. Krueger series 5880H as follows:
B	Ceiling Register: Adjustable curved blade, solid ceiling mounting, with OBD. Krueger series 5180 as follows:
C	Sidewall Return Grille: Single deflection with vanes set on 3/4" centers, plaster frame. Krueger series S580H as follows:
D	Ceiling Return Grille: 1/2" x 1/2" x 1/2" eggcrate core, surface mounted for solid ceiling. Krueger series EGC-5 as follows:
E	Wall Louvers: Extruded aluminum, stationary type with blades set at 4" centers. Provide with birdscreen. Dowco model LEC-4 as follows:

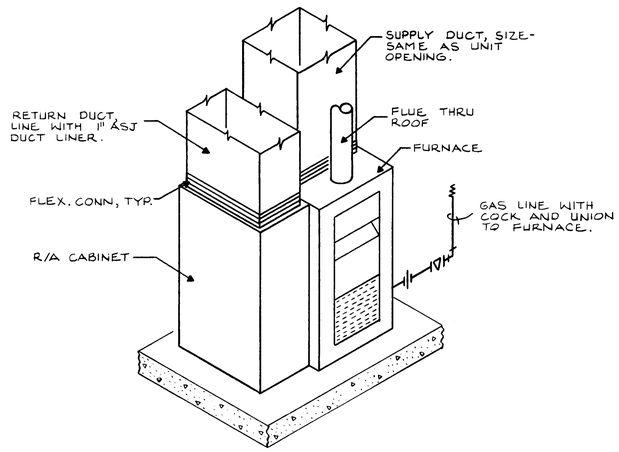
CFM	Minimum Size	Location
750	20" x 10"	Meeting Rooms
1080	34" x 12"	Multi-Purpose

CFM	Minimum Size	Location
750	18" x 10"	Office
875	18" x 12"	Foyer

CFM	Minimum Size	Location
1500	24" x 24"	Meeting Rooms
4330	48" x 24"	Multi-Purpose

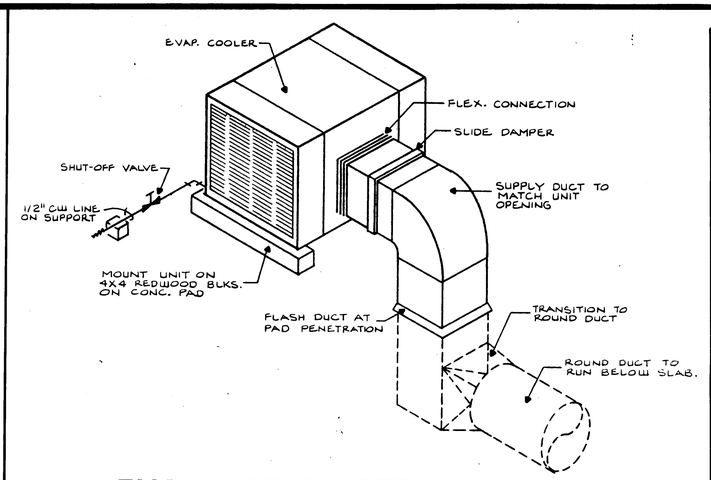
CFM	Minimum Size	Location
750	24" x 12"	Office
1750	24" x 24"	Foyer

CFM	Minimum Size	Min. Free Area
750	24" x 24"	1.43
1750	24" x 24"	1.43



FURNACE DETAIL

NO SCALE



EVAP. COOLER DETAIL

NO SCALE

ENERGY ANALYSIS

(Loma Linda Community Center)

	Winter	Summer
Outside	12°F	96°F
Inside	70°F	78°F
Diff.	58°F	18°F

Elevation: 5310'
Degree Days: 4300

"U" Values

Walls		Roof	
OSA	= 0.17	OSA	= 0.17
8" Filled CMU	= 1.93	B/U Roofing	= 0.33
2" Rigid Insul.	= 9.10	2" Rigid Insul.	= 8.00
5/8" Gyp. Bd.	= 0.56	Metal Deck	= 0.00
ISA	= 0.68	Batt Insul.	= 19.00
	R = 12.44	ISA	= 0.61
	U = 0.08		R = 28.11
			U = 0.04

Heating

Walls

$$Uo = \frac{(1415)(0.08) + (735)(0.65) + (125)(0.47)}{2275} = 0.29$$

UBC Chapter 53 requires Uo = 0.31 maximum

Roof

$$Uo = \frac{(5320)(0.04) + (260)(0.65)}{5580} = 0.07$$

UBC Chapter 53 requires Uo = 0.09 maximum

Cooling by evaporative cooling - air conditioning calculations not required.

FOR INFORMATION ONLY

1 2 3 4 5 6 7 8 9 10 11 12
2 6 2 8 0 0 3 6 8 8

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Title of Sheet
MECHANICAL DETAILS AND SCHEDULES

Date
OCT. 5, 1988

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PANEL SCHEDULES

PANEL "A" 120/208V-3Ø-4W, 225 AMP MAINS, SURFACE MOUNTED, BOTTOM FEED, FULLY SKIRTED, DOOR-IN-DOOR. 10,000 AIC BREAKERS.

CIRCUIT NO.	CCT. BKR.	WIRE SIZE	LOAD
1,2	20A/2P	#6	EXTERIOR LIGHTS (ALT. BID)
5-8,10,12, 13 THRU 18 36,38, 39,40	20A/1P	#12	LIGHTING
35	20A/1P	#10	IRRIGATION CNTL
19	50A/2P	#6	RANGE RECEPTACLE
9, 20,22-32,41	20A/1P	#12	RECEPTACLES
41,42	20A/1P	#12	DISHWASHER AND DISPOSER
11,33,37,34	20A/1P	-----	LIGHTING

PANEL "M" 120/208V-3Ø-4W, 225 AMP MAINS, SURFACE MOUNTED, BOTTOM FEED, FULLY SKIRTED, DOOR-IN-DOOR, 10,000 AIC BREAKERS.

1,3,5	20A/1P	#12	HVAC LOADS
7,9	20A/1P	#12	SECURITY AND TELEPHONE RECEPTACLES
2,8	20A/3P	#12	EVAP COOLERS (4) & (5)
13,15,19	30A/2P	#6	BASKETBALL LIGHTING (ALT. BID)
18,20,22-26 11,13	20A/1P	---	SPARES
27-42	---	---	SPACES

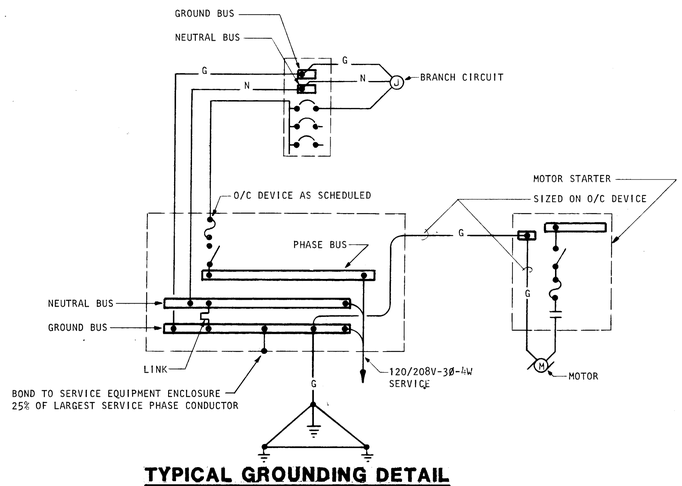
LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	LAMPS	MOUNTING
A	BEGA 6886S ENTRY WALL LUMINAIRE, WHITE	1 70W E-17 HPS	SURFACE WALL
B	VISTA LIGHITNG NO. VWT-3834-2-Z-WD-ES. SURFACE WALL ABOVE TOILET PARTITIONS 120 VAC	2-F40SPX30/RS/WM	SURFACE WALL
C	SAME AS "B" WITH DOWN LIGHT ONLY. MOUNT ABOVE MIRROR 120 VAC	2-F40SPX30/RS/WM	SURFACE WALL
D	SAME AS "B" WITH SELF CONTAINED EMERGENCY BATTERY BACK UP. 120 VAC	2-F40SPX30/RS/WM	SURFACE WALL
E	WILLIAMS NO. 5223-RWKA 125. 2' X 4 LAY IN TROFFER WITH 125 LE S 120 VAC.	3-F40SPX30/RS/WM	RECESSED CEILING
F	SAME AS "E" EXCEPT FOR GYPBOARD CEILING MOUNTING	3-F40SPX30/RS/WM	RECESSED CEILING
G	SAME AS "E" EXCEPT WITH SELF CONTAINED EMERGENCY LIGHTING BATTERY PACK.	3-F40SPX30/RS/WM	RECESSED CEILING
H	DUAL-LITE NO. FLX-2-RW. FLUORESCENT SELF CONTAINED EMERGENCY EXIT LIGHT. 120 VAC	WITH UNIT	AS REQUIRED
I	DUAL-LITE NO. FL-2 SELF CONTAINED EMERGENCY LUMINAIRE NORMALLY OFF UNTIL POWER OUTAGE. 120 VAC.	WITH UNIT	AS REQUIRED
J	BEGA NO. 2886S EXTERIOR AREA LIGHT, WHITE COLOR, 120 VAC.	1-35W E-17HPS	SURFACE EXTERIOR MOUNT. SEE ARCH. ELEVATIONS
K	GARDCO LIGHTING NO. MPG 181-FM-208-150 HPS-WP-12-AH-WP. 12' POLE-WHITE 208 VAC FURNISH FOR USE WITH MOGAL BASED LAMPS.	1-150W HPS MOGAL BASE	EXTERIOR POLE
L	WILLIAMS NO. 5828RWKA 4'x 4' RECESSED TROFFER W/8 LAMPS 120 VAC AND SELF CONTAINED EMERGENCY BALLAST.	8-F40SPX 30/RS/WM	RECESSED GYP. BOARD CEILING
M	WILLIAMS NO. 7622-2 LAMP FLUORESCENT STRIP, 120 VAC	2-F40SPX30/RS/WM	SURFACE CEILING
N	NOT USED	---	---
O	MARCO 0447/HFF-120 VAC RECESSED DOWN LIGHT WITH CLEAR GLASS LENS RECESSED 2". CLEAR REFLECTOR.	2-13W COMPACT FLUORESCENT	RECESSED CEILING
P	HALO #H2250 WALL MOUNT FIXTURE, 120 VAC.	60 WATT A-19 INCAND.	SURFACE WALL UP 6'-0" A.F.F.
Q	HALO #H2250 SURFACE CEILING FIXTURE, 10" DIAMETER, 120 VAC.	60 WATT A-19 INCAND.	SURFACE CEILING
R	HALO #H7601T-1640C, 6" RECESSED DOWN LIGHT- LOW PROFILE. 120 VAC.	100 WATT A-19 INCAND.	RECESSED CEILING
S	STERNER #FN-31-A-10-F-HS-SG-FL-1000-H-208-F-SFA15-D-P. POLE TOP LUMINAIRE WITH 1000 WATT LAMP. 208 VAC. 30 FT. POLE	1-1000 WATT METAL HALIDE	EXTERIOR POLE

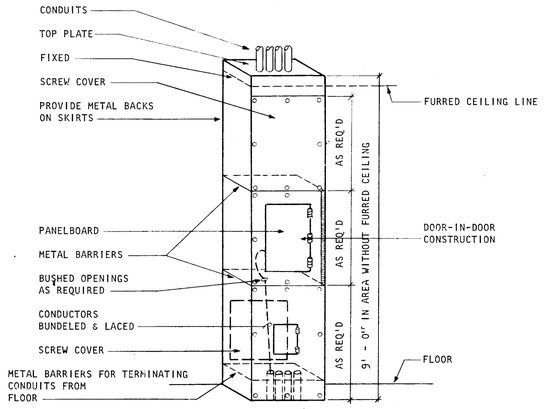
NOTE: ALL INTERIOR H.I.D. FIXTURES SHALL HAVE ENCAPSULATED BALLASTS FOR QUIET OPERATION.

ELECTRICAL LEGEND

SYMBOL	DESCRIPTION
	CEILING OUTLET AND FIXTURE.
	BRACKET OUTLET AND FIXTURE.
	CEILING MOUNTED EXIT FIXTURE AND OUTLET WITH DIRECTIONAL ARROWS AS INDICATED. — TYPE AS INDICATED IN FIXTURE SCHEDULE
	WALL BRACKET OR RECESSED EXIT FIXTURE AND OUTLET WITH DIRECTIONAL ARROWS AS INDICATED.
	FLUORESCENT OUTLET AND FIXTURE.
$	SINGLE POLE WALL SWITCH.
$3	THREE WAY WALL SWITCH.
$4	FOUR WAY WALL SWITCH.
$P	PILOT SWITCH.
$K	KEYED WALL SWITCH WITH ALL SWITCHES KEYED THE SAME. — FLUSH MOUNTED UP 48" UNLESS OTHERWISE INDICATED.
$T	THERMAL SWITCH, WEATHERPROOF IF INSTALLED OUTSIDE.
$M	MOMENTARY CONTACT SWITCH, 3 POSITION WITH SPRING RETURN TO CENTER POSITION.
	JUNCTION BOX FLUSH IN FLOOR, HUBBEL #B-2527.
	FLUSH FLOOR OUTLET, HUBBELL #B-2503 BOX WITH #S-6290 RECEPTACLE AND ALL ACCESSORIES REQUIRED FOR A COMPLETE INSTALLATION.
	JUNCTION BOX FLUSH IN WALL, HEIGHT AS INDICATED WITH CONNECTION TO EQUIPMENT.
	DUPLEX GROUNDING TYPE CONVENIENCE OUTLET INSTALLED WITHIN CASE OF ELECTRIC WATER COOLER.
	DUPLEX CONVENIENCE OUTLET, UP 16" OR AS INDICATED.
	DUPLEX CONVENIENCE OUTLET, SURFACE MOUNTED AS INDICATED.
	250 VOLT, 3 WIRE RANGE TYPE OUTLET, FLUSH MOUNTED AT HEIGHT INDICATED AND FURNISHED FOR RATED AMPERAGE.
	LIGHT FIXTURES INDICATED WITH HALF SHADING ARE CONNECTED TO EMERGENCY POWER SOURCE.
	TELEPHONE OUTLET, UP 16" OR AS INDICATED.
	FLUSH FLOOR TELEPHONE OUTLET, LEW #500-T.
	SPECIAL CABINET, TELEPHONE TYPE OR AS NOTED.
	LIGHT BRANCH CIRCUIT PANEL. — SEE PANEL SCHEDULE FOR CHARACTERISTICS.
	POWER DISTRIBLTION PANEL.
M	MOTOR CONNECTION WITH HP INDICATED.
	MOTOR CONTROLLER, SIZE AND POLES FOR MOTOR FURNISHED.
	SAFETYSWITCH, TO HAVE POLES AND RATING REQUIRED, TO BE NEMA 3R IF INSTALLED OUTDOORS.
	MOTOR CONNECTION FOR FRACTIONAL HP MOTOR (LESS THAN 1/3 HP). PROVIDE THERMAL O.L. SWITCH ADJACENT TO ALL MOTORS UNLESS SWITCH IS SHOWN ELSEWHERE ON PLAN.
	JUNCTION BOX INSTALLED ABOVE THE CEILING WITH FLEXIBLE CONDUIT CONNECTION TO LAY-IN FIXTURES. MINIMUM 4'-0" LENGTH OF CONDUIT WITH REQUIRED CONDUCTORS ALONG WITH GREEN WIRE GROUND.
	BRANCH CIRCUIT IN WALLS OR CEILING WITH CONDUCTORS INDICATED. NEUTRAL, HOT, SWITCH AND GROUND RESPECTIVELY.
	BRANCH CIRCUIT IN WALLS OR UNDER FLOOR WITH CONDUCTORS INDICATED.
	HOME RUN TO PANEL WITH BRANCH CIRCUIT NUMBERS INDICATED.
T	TELEPHONE CONDUIT, MINIMUM 3/4" WITH PULL WIRE.
T	1" CONDUIT WITH PULL WIRE TO TELEPHONE TERMINAL BOARD.
	WEATHERPROOF DUPLEX CONVENIENCE OULET, UP 16" OR AS INDICATED. MOUNTING DOX AND DEVICE SHALL BE SIMILAR AND EQUAL TO PASS & SEYMOUR #1591-F46 DEVICE AND #4600 FLUSH MOUNTED LOCKING BOX.
I	SECURITY/INTRUSION SYSTEM CONDUIT.



TYPICAL GROUNDING DETAIL



TYPICAL FOR ALL SURFACE MOUNTED PANELBOARDS

TYPICAL SKIRTED PANEL DETAIL
NO SCALE

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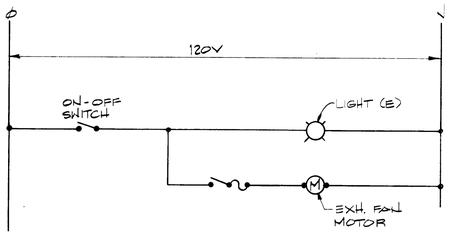
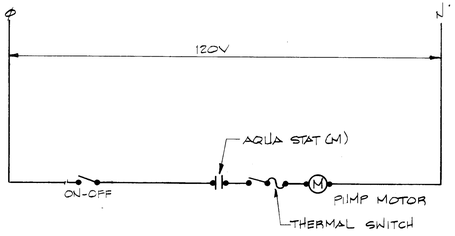
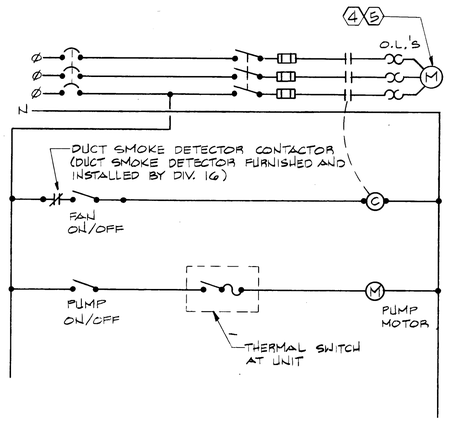


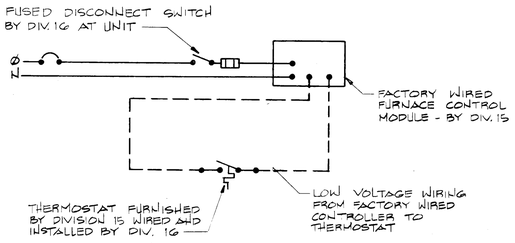
TYPICAL TOILET EXHAUST (11) CONTROL 2 / E-5



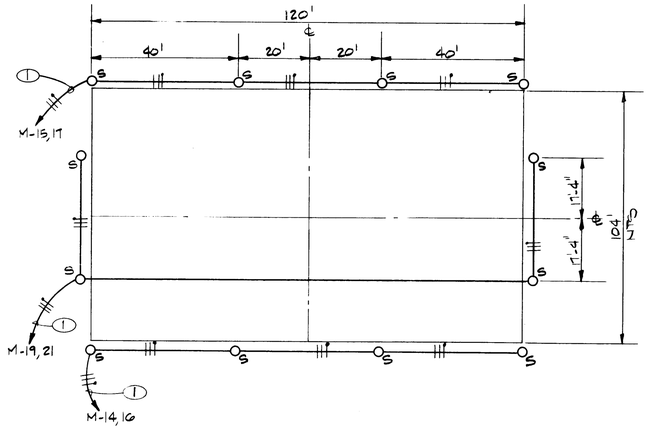
RECIRCULATING PUMP (13) CONTROLS 3 / E-5



EVAPORATIVE COOLER CONTROL DIAGRAM



FURNACE CONTROL DIAGRAM



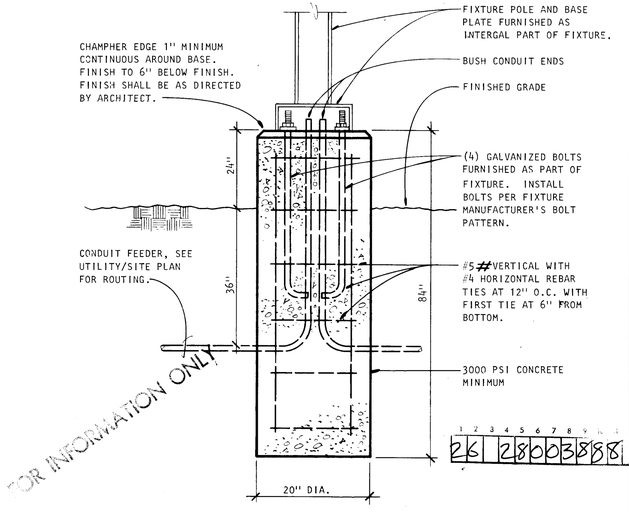
BASKETBALL COURT LIGHTING PLAN

ALTERNATE NO. 1

SCALE: 1"=20'-0"

KEYED NOTES

(1) RUN BACK THROUGH LIGHTING CONTACTOR LOCATED NEXT TO PANEL "M", FLUSH MOUNTED. FURNISH AND INSTALL A TIME SWITCH BELOW CONTACTOR AND LABEL "BASKETBALL LIGHTING".



FIXTURE TYPE "S" MOUNTING DETAIL

NO SCALE

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