

GENERAL NOTES

DESIGN CRITERIA

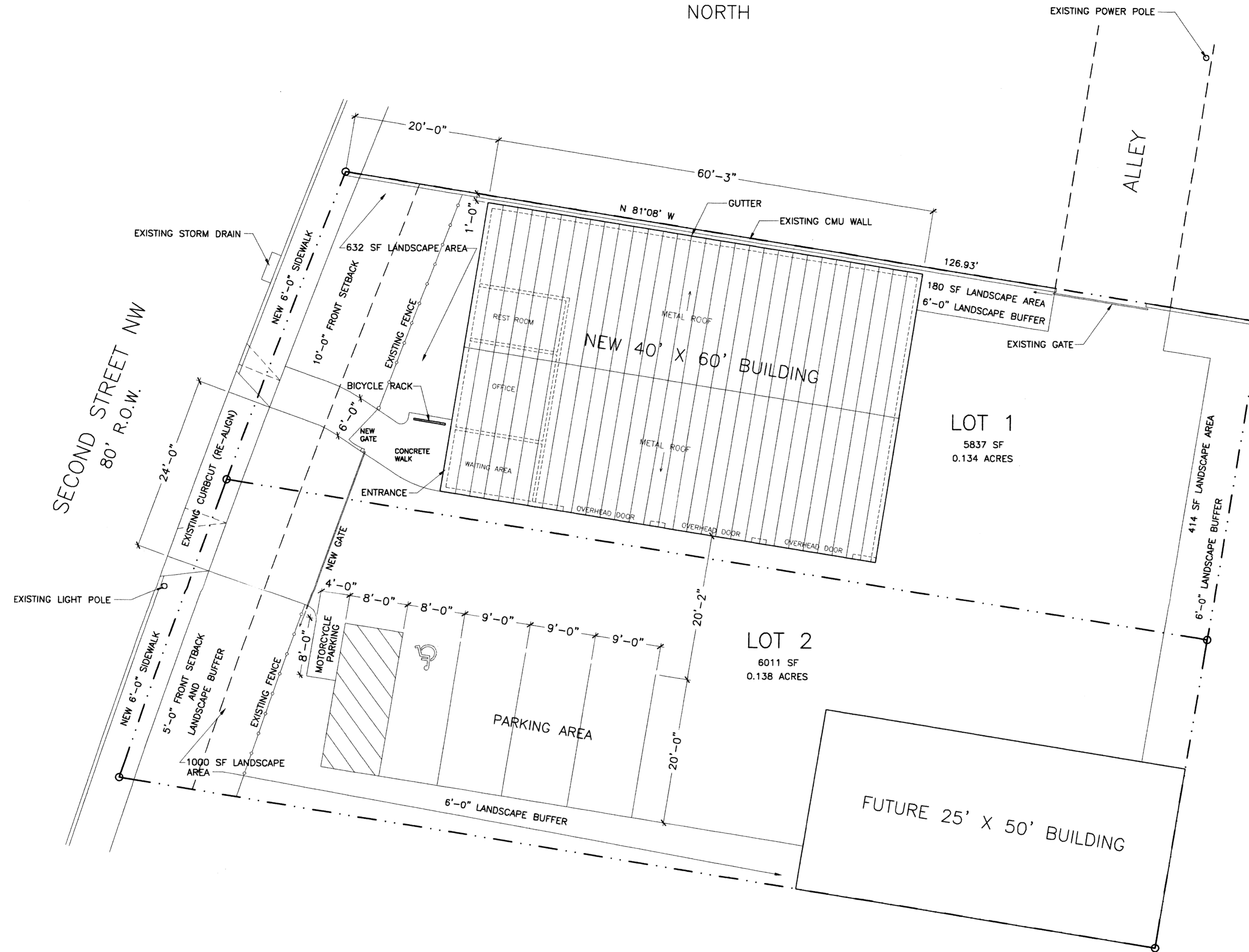
- All work shall conform to the 2009 International Building Code.
 - Live loads:
 - Roof load 20 psf
 - Floor load 40 psf
 - Seismic zone 2b requirements
 - Wind loading 90 mph, exposure C
 - Cast in place concrete:
 - Compressive strength of cast in place concrete 3000 psi at 28 days
 - Reinforcing steel shall be ASTM A-615 Grade 60 #5 and larger, Grade 40 #4 and smaller.
 - Wood
 - Unless otherwise noted on drawings lumber shall be No. 2 Ponderosa Pine with allowable repetitive use fiber bending stress of 975 psi, single use fiber bending stress of 850 psi, and elastic modulus of 1500000 psi.
 - Where Hem-Fir is specified on plans of shall be No. 1 with allowable repetitive use fiber bending stress of 1200 psi, single use fiber bending stress of 1200 psi, and elastic modulus of 1500000 psi.
 - Micro-Lam lumber shall satisfy the following design values:
 - Bending (Fb) = 2600 psi
 - Horizontal shear (Fv) = 285 psi
 - Modulus of elasticity (E) = 1800000 psi
 - Compression perpendicular to grain = 650 psi
 - Compression parallel to grain (Fc) = 2460 psi
- Drilling or notching of Micro-Lam lumber is not allowed.
- Design Soil bearing pressure 1500 psf with footings placed on natural ground and slab placed on engineered compacted fill.

CONSTRUCTION CRITERIA

- Lap reinforcing bars 32 diameters unless otherwise noted.
- Construction joints location and type shall have prior approval by Engineer.
- Fill material shall consist of soils that conform to the following characteristics:

| Sieve Size (Square openings) | Percent Passing by weight |
|------------------------------|---------------------------|
| 3 inch | 100 |
| No. 4 | 50-100 |
| No. 200 | 10-40 |

The plasticity index of the material shall not exceed 10. Testing shall be in conformance with ASTM D 423 and 424 for P.I. and D-1557 for density.
- Where slabs are placed on fill the native soil shall be scarified to a minimum depth of 12 inches, watered as necessary to bring the moisture content as close as possible to optimum moisture content, and compacted to 95% of maximum density. Fill shall be spread in loose depth layers not exceeding 8 in. watered and compacted. Moisture content at the time of compaction shall be 2% below optimum moisture or higher. A minimum density of 95% of maximum density shall be obtained. Optimum moisture content and maximum density for each soil type shall be determined in accordance with ASTM D 1557.
- Contractor is responsible for any temporary bracing required to hold structural elements in place until work is complete.
- Contractor shall coordinate slab openings with Mechanical and Electrical drawings. (Mechanical and Electrical openings are not shown on Structural drawings.)
- All conditions shown on the plan shall be field verified by the contractor. If discrepancies exist they shall be brought to the attention of the Architect and Engineer before work proceeds.



SITE/ROOF PLAN

1" = 10'-0"

| DRAWING INDEX | |
|---------------|--------------------------------------|
| A 1 | SITE/ROOF PLAN |
| A 2 | FOUNDATION PLAN/DETAILS |
| A 3 | FLOOR PLAN |
| A 4 | ELEVATIONS |
| S 1 | STEEL BUILDING PLANS |
| S 2 | STEEL BUILDING PLANS |
| S 3 | STEEL BUILDING PLANS |
| S 4 | STEEL BUILDING PLANS |
| P 1 | PLUMBING LAYOUT PLAN |
| ME 1 | MECHANICAL & ELECTRICAL LAYOUT PLANS |

| ADDRESS | |
|-------------------------------|--|
| 2920 2ND STREET NW | |
| ALBUQUERQUE, NEW MEXICO 87107 | |

| OWNER | |
|-----------------------|--|
| RAUL AND ELSA CANO | |
| 2916 2ND STREET NW | |
| ALBUQUERQUE, NM 87107 | |

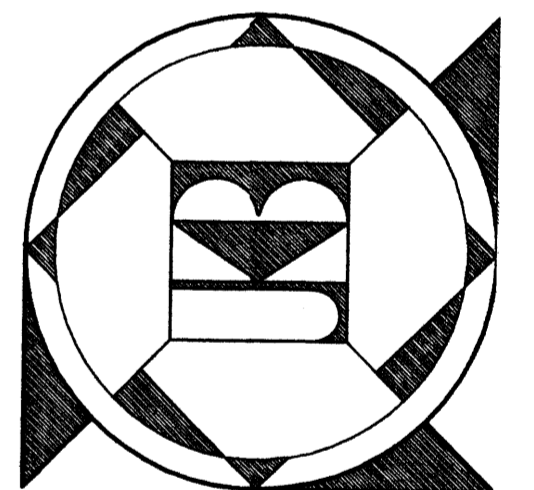
| BUILDING DATA | |
|----------------------|-------------------|
| BUILDING | 2400 S.F. |
| BUILDING USE | AUTOMOTIVE REPAIR |
| OCCUPANT LOAD | 2400 SF/200 = 12 |
| OCCUPANCY GROUP | F-1 |
| TYPE OF CONSTRUCTION | VB |

| SITE DATA | |
|---|-------------------------|
| ZONING: M-1 | ZONE ATLAS PAGE: H-14-Z |
| PARKING REQUIRED: 1 SPACE PER 1000 SF OF LEASABLE SPACE 2400 SF = 2 SPACES | |
| PARKING PROVIDED: 4 SPACES INCLUDING 1 VAN ACCESSIBLE HANDICAPPED SPACE | |
| LANDSCAPE AREA REQUIRED: GROSS SITE AREA = 11,848 SF BUILDING AREA = 3650 SF NET SITE AREA = 8198 SF 15% OF NET AREA = 1230 SF REQUIRED | |
| LANDSCAPE AREA PROVIDED: 2226 SF | |

| CODES & RESTRICTIONS | |
|---|--|
| THE BUILDING SHALL BE CONSTRUCTED IN STRICT ACCORDANCE WITH THE FOLLOWING: | |
| <ul style="list-style-type: none"> 2009 INTERNATIONAL BUILDING CODE ALL APPLICABLE CODES AND REGULATIONS OF THE CITY OF ALBUQUERQUE AND THE STATE OF NEW MEXICO | |

| LEGAL DESCRIPTION | |
|---|--|
| LOTS 1 & 2, BLOCK 3, BUENA TIERRA ADDITION CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO | |

BUILDING FOR RAUL CANO
ALBUQUERQUE, NEW MEXICO



J. KORY BAKER • ARCHITECT
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REVISIONS:
DATE:
DRAWN BY:
SHEET NUMBER: 1A

STATE OF NEW MEXICO
J. KORY BAKER
NO. 2170
REGISTERED ARCHITECT