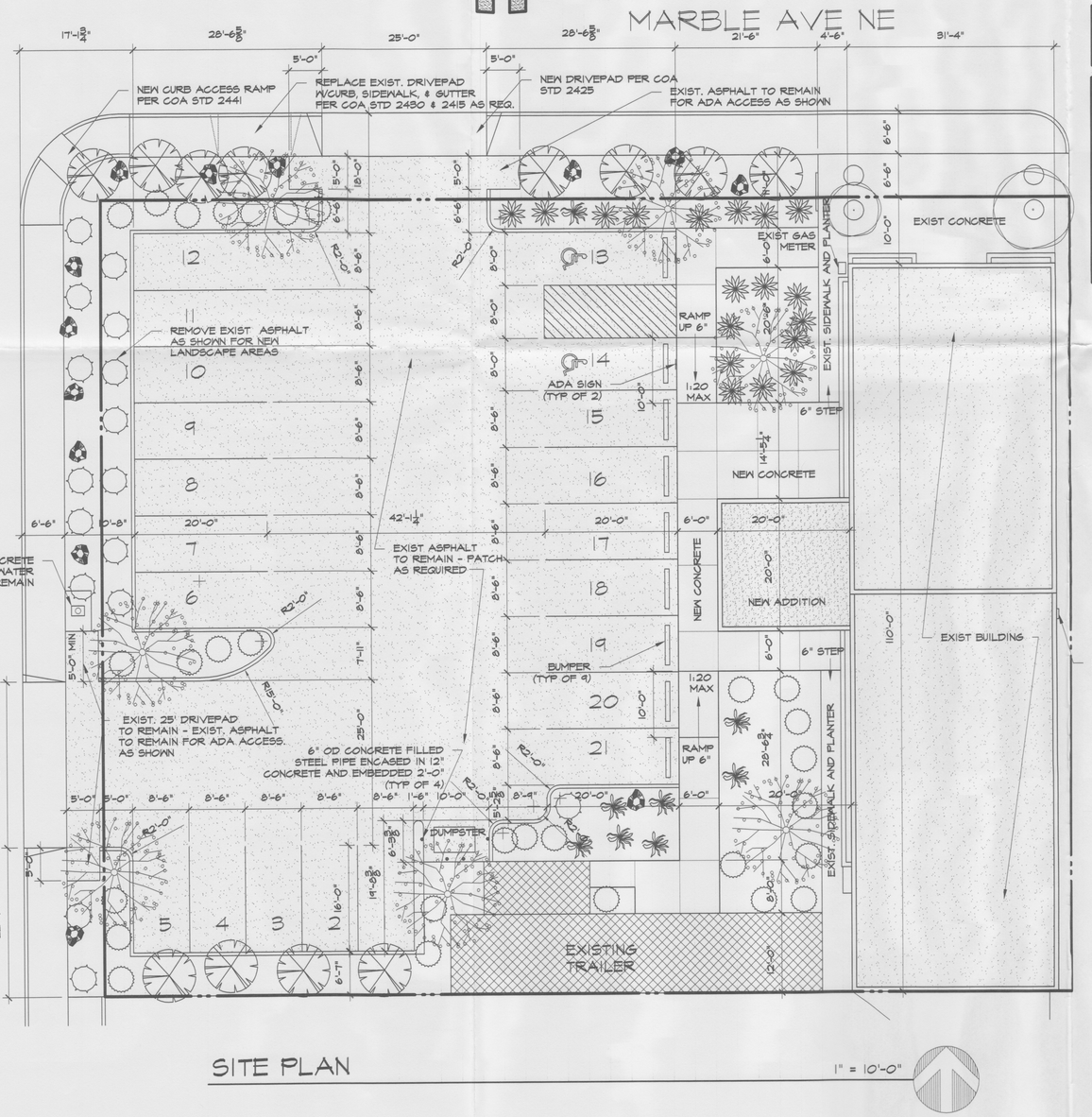
CROSS ROADS OF ALBUQUERQUE

ADDITION



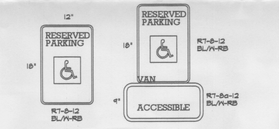
SITE PLAN 1" = 10'-0"

ADDRESS
5200 MARBLE NE ALBUQUERQUE, NM 87106

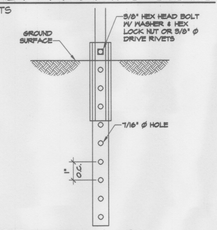
BUILDING DATA	
EXISTING BLDS AREA	3300 SF
NEW BLDS AREA	400 SF
	3700 SF
OCCUPANCY	A-3
OCCUPANT LOAD	140
ZONING	C-2
TYPE OF CONSTUCTION	V-N
OFF STREET PARKING REQ	20
PROVIDED	21
PLUMBING FIXTURES REQ/PROVIDED	
TOILETS (1/150M, 1/75W)	1 EA./2 EA
LAVATORY (1/200M,W)	1 M, 1 W
DRINKING FOUNTAIN	1
SERVICE SINK	1

LEGAL DESCRIPTION
1 NWLY PORTION OF BLOCK 1 PUEBLO ALTO ADDITION ALBUQUERQUE, NEW MEXICO

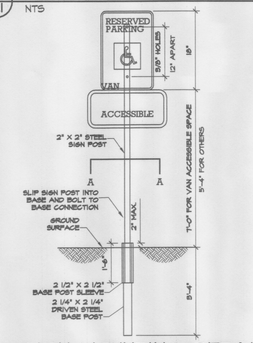
DRAWING INDEX	
A1	SITE PLAN
L1	LANDSCAPING PLAN
A2	FOUNDATION PLAN
A3	FLOOR PLANS
A4	ELEVATIONS & SECTION
M-1	MECHANICAL PLAN
P-1	PLUMBING PLAN
MP-0	MECH & PLUMBING LEGEND
MP-5	MECH & PLUMBING DETAILS
MP-6	EQUIPMENT SCHEDULE
E1.1	GENERAL NOTES & LEGEND
E2.1	POWER & LIGHTING PLANS
E3.1	ELECTRICAL SCHEDULES



1/A1 ADA PARKING SIGNS NTS



2/A1 SECTION A-A NTS



3/A1 SIGN MOUNTING DETAIL NTS

GENERAL NOTES

DESIGN CRITERIA
1. ALL WORK SHALL CONFORM TO THE 2006 INTERNATIONAL BUILDING CODE.
   LIVE LOADS:
   ROOF LKOAD 20 PSF
   FLOOR LOAD 40 PSF
   WIND LOADING = 3 SECOND GUST WIND SPEED = 90 MPH
2. CAST IN PLACE CONCRETE:
   A. COMPRESSIVE STRENGTH OF CAST IN PLACE CONCRETE 3000 PSI AT 28 DAYS.
   B. REINFORCING STEEL SHALL BE ASTM A-615 GRADE 60 #5 AND LARGER, GRADE 40 #4 AND SMALLER.
3. STRUCTURAL STEEL:
   A. BEAMS SHALL CONFORM TO ASTM A-36. TUBES SHALL CONFORM TO ASTM A-500. BOLTS SHALL CONFORM TO ASTM A-307 UNLESS OTHERWISE NOTED.
   B. CONTRACTOR SHALL SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO FABRICATION.
4. WOOD:
   A. UNLESS OTHERWISE NOTED ON DRAWINGS LUMBER SHALL BE NO. 2 PONDEROSA PINE WITH ALLOWABLE REPETITIVE USE FIBER BENDING STRESS OF 842 PSI, SINGLE USE FIBER BENDING STRESS OF 775 PSI, AND ELASTIC MODULUS OF 1,100,000 PSI.
   B. WHERE HEM-FIR IS SPECIFIED ON PLANS IT SHALL BE NO. 2 WITH ALLOWABLE REPETITIVE USE FIBER BENDING STRESS OF 975 PSI, SINGLE USE FIBER BENDING STRESS OF 850 PSI, AND ELASTIC MODULUS OS 1,300,000 PSI.
   C. MICRO-LAM LUMBER SHALL SATISFY THE FOLLOWING DESIGN VALUES:
      BENDING (Fb) = 2600 PSI
      HORIZONTAL SHEAR (Fv) = 285 PSI
      MODULUS OF ELEASTICITY (E) = 1,800,000 PSI
      COMPRESSION PERPENDICULAR TO GRAIN = 650 PSI
      COMPRESSION PARALLEL TO THE GRAIN (Fc) = 2460 PSI
      DRILLING OR NOTCHING OF MICRO-LAM IS NOT ALLOWED.
5. DESIGN SOIL BEARING PRESSURE 1500 PSF WITH FOOTINGS AND SLAB PLACED ON PRE-DENSIFIED NATIVE SOIL.
6. SEISMIC:
   SHORT PERIOD DESIGN SPECTRAL RERSPONSE ACCELERATION = 0.51
   1 SECOND DESIGN SPECTRAL RESPONSE ACCELERATION = 0.24
   SEISMIC DESIGN CATEGORY = D

CONSTRUCTION CRITERIA
1. LAP REINFORCING BARS 40 DIAMETERS UNLESS OTHERWISE NOTED.
2. CONSTRUCTION JOINTS LOCATION AND TYPE SHALL HAVE PRIOR APPROVAL BY ENGINEER.
3. BACKFILL MATERIAL SHALL CONSIST OF SOILS THAT CONFORM TO THE FOLLOWING CHARACTERISTICS:

SIEVE SIZE (SQUARE OPENINGS)	PERCENT PASSING BY WEIGHT
3 INCH	100
NO. 4	30-100
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.
4. WHERE SLABS ARE PLACE 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 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.
5. CONTRACTOR IS RESPONSIBLE FOR ANY TEMPORARY BRACING REQUIRED TO HOLD STRUCTURAL ELEMENTS IN PLACE UNTIL WORK IS COMPLETE.
6. CONTRACTOR SHALL COORDINATE SLAB OPENINGS WITH MECHANICAL AND ELECTRICAL DRAWINGS. (MECHANICAL AND ELECTRICAL OPENINGS ARE NOT SHOWN ON STRUCTURAL DRAWINGS.)
7. ALL CONDITIONS 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.

VICINITY MAP J-17-Z NTS

Public Infrastructure shown on these plans for information only and not part of approval. Separate DRC/Permit approval and Work Order required.

TRAFFIC CIRCULATION LAYOUT APPROVED
Signed 09-17-10 Date

ALL WHEELCHAIR RAMPS LOCATED WITHIN THE PUBLIC RIGHT OF WAY MUST HAVE TRUNCATED DOMES.

RECEIVED
SEP 14 2010
HYDROLOGY SECTION

MARTIN F. GRUMMER - ARCHITECT
5351 WELLESLEY PL. NE. ALBUQUERQUE NEW MEXICO 87106 505-265-2507

ADDITION for CROSS ROADS of ALBUQUERQUE
5200 MARBLE, NE
MARTIN F. GRUMMER - ARCHITECT
5351 WELLESLEY PL. NE. ALBUQUERQUE NEW MEXICO 87106

14 SEP 10

A1