

8 INCH REINFORCED CONCRETE MASONRY WALL										
Н	A	В	T	Y-BARS	X-BARS					
ftin.	in.	ftin.	in.							
2'-0" 2'-8" 3'-4" 4'-0" 4'-8" 5'-4" 6'-0"	8" 8" 8" 10" 12" 14" 16"	2'-0" 2'-0" 2'-4" 2'-8" 3'-4" 3'-10" 4'-8"	9" 9" 9" 10" 12"	#4 @32" O.C. #4 @32" O.C. #4 @32" O.C. #4 @32" O.C. #5 @32" O.C. #6 @16" O.C. #6 @ 8" O.C.	#4 @32" O.C. #4 @32" O.C. #4 @32" O.C. #4 @32" O.C. #4 @16" O.C. #4 @16" O.C.					

12 INCH REINFORCED CONCRETE MASONRY WALL										
Н	Α	В	T	Y-BARS	X-BARS					
ftin.	in.	ft.—in.	in.							
5'-4" 6'-0" 6'-8" 7'-4" 8'-0" 8'-8"	14" 15" 16" 18" 20" 20"	3'-8" 4'-2" 4'-6" 4'-10" 5'-4" 5'-8"	10" 12" 12" 12" 12" 12"	#6 @16" O.C. #4 @16" O.C. #6 @24" O.C. #6 @16" O.C. #7 @16" O.C. #7 @16" O.C.	#4 @16" O.C. #4 @16" O.C. #5 @24" O.C. #5 @16" O.C. #6 @16" O.C. #6 @16" O.C.					

- ALL CONCRETE IS TO BE 4000 PSI @ 28 DAYS.
 MINIMUM COMPACTION UNDER FOOTINGS IS TO BE 95% PER
 ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS

- ASTM. D 1557 FOR A DEPTH OF 12" MOISTURE CONTENT IS TO BE ± 2.0%.

 3. BACK FILL AGAINST WALLS IS TO BE HAND-PLACED AND COMPACTED.

 4. ALL BARS ARE TO BE GRADE 60, ASTM 615.

 5. TRUSS TYPE DUR-O-WALL EVERY OTHER COURSE.

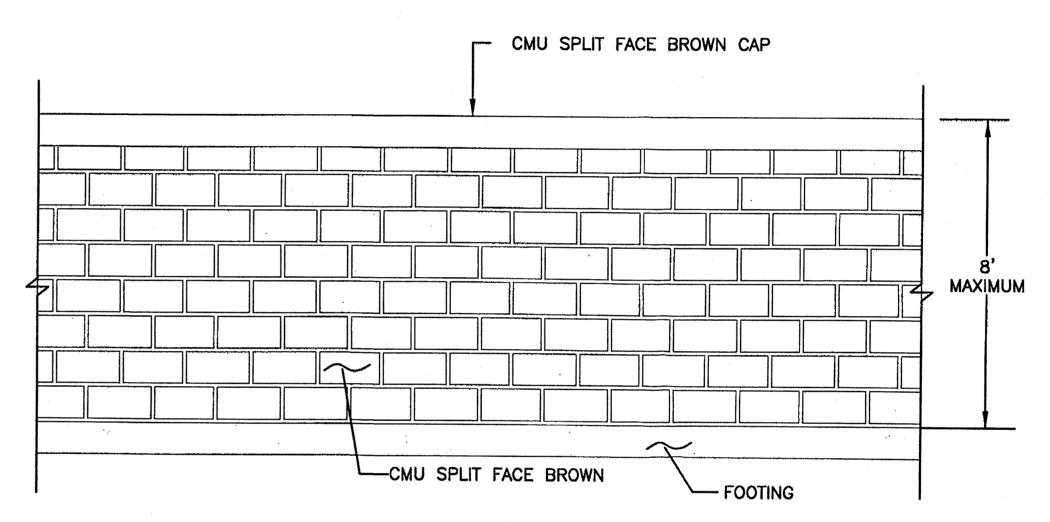
 6. DOWELS SHALL BE AT LEAST EQUAL IN SIZE AND SPACING TO V-BARS, SHALL PROJECT A MINIMUM OF 30 BAR DIA. INTO THE FILLED BLOCK CORES, AND SHALL EXTEND TO THE TOE OF THE FOOTING.

 7. PROVIDE KEY FOR 8" AND 12" WALLS WHERE H EXCEEDS 6'-0"

 8. USE EITHER EXPANSION JOINTS ON 20' CENTERS OR PILASTERS EVERY 16'.

 9. BOND BEAM, 1-#4 BARS FOR WALLS UNDER 3'-4", 2-#4 BARS FOR WALLS UNDER 5'-4", 2-#5 BARS FOR WALLS OVER 5'-4".

RETAINING WALL DETAIL

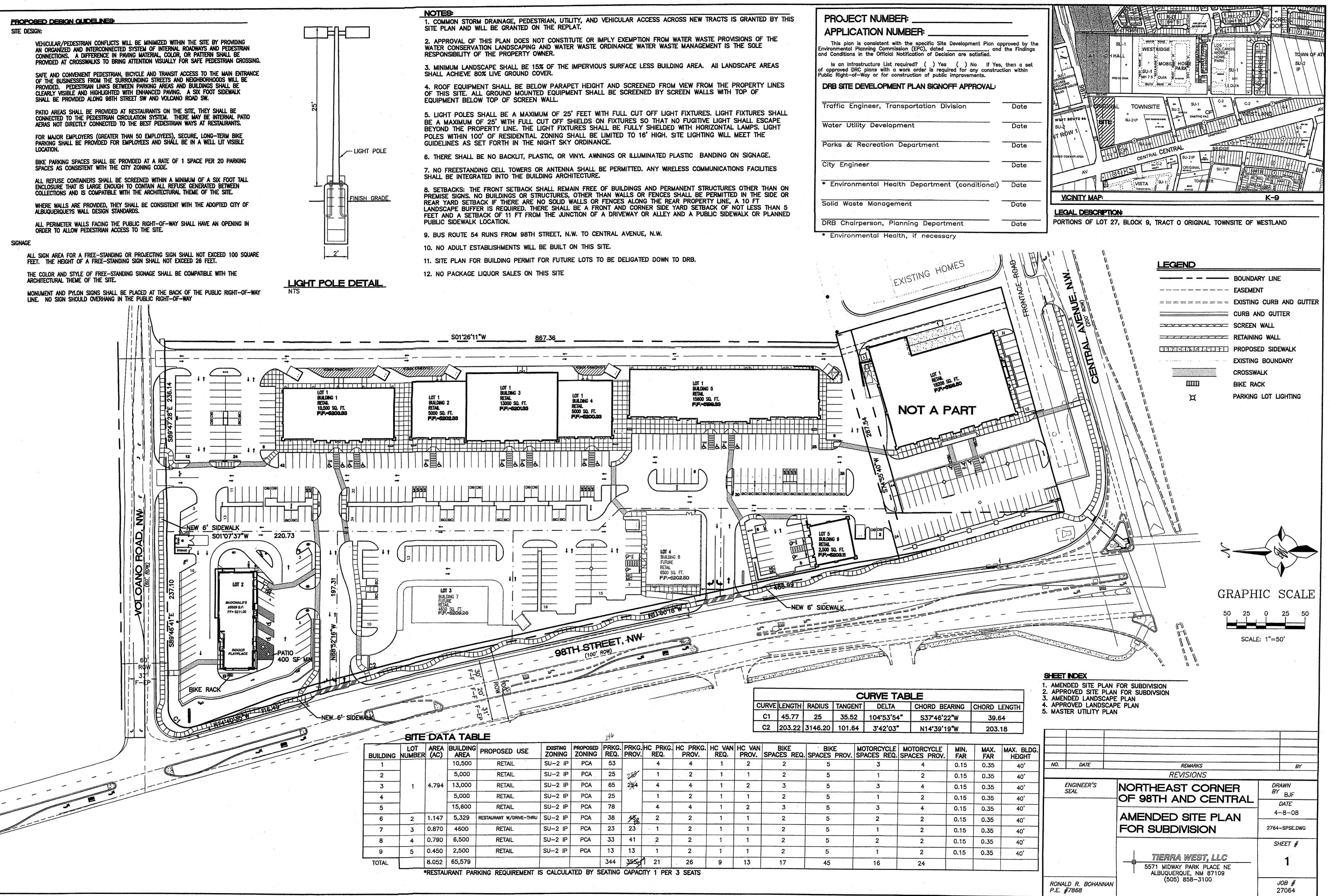


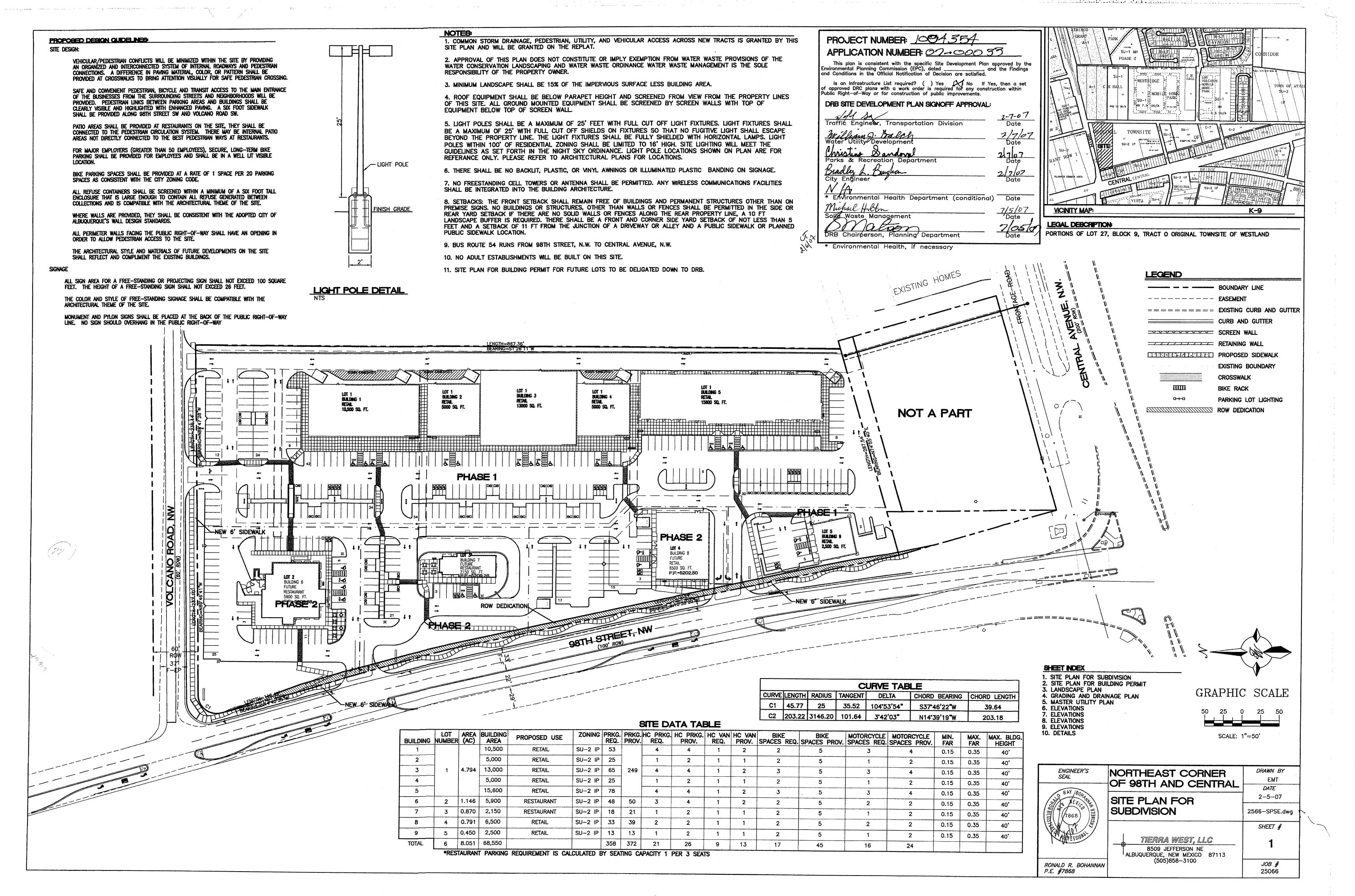
RETAINING WALL DESIGN BASED ON GRADING PLAN PREPARED BY ADAMS ENGINEERING

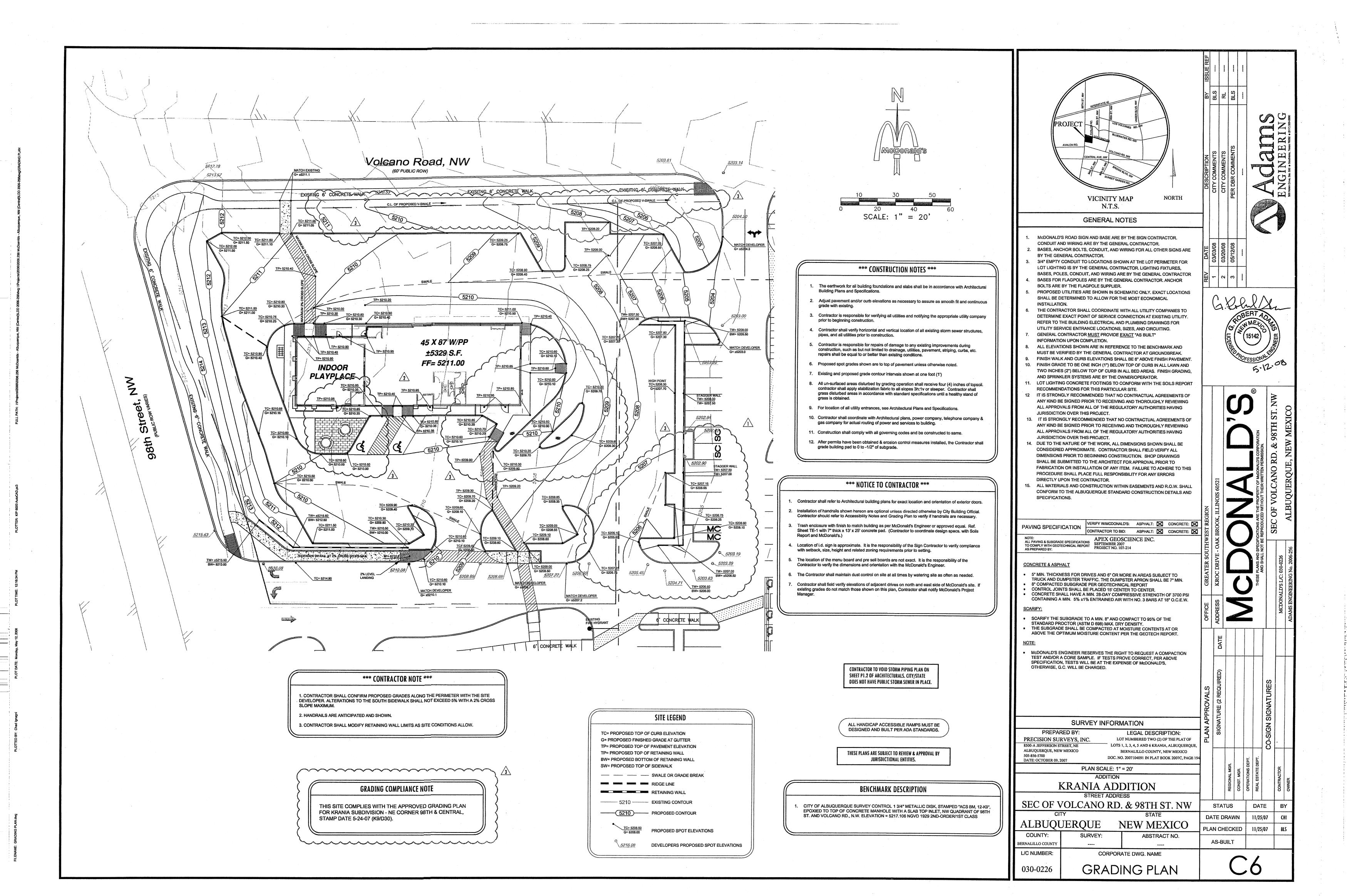
RETAINING WALL- ELEVATION

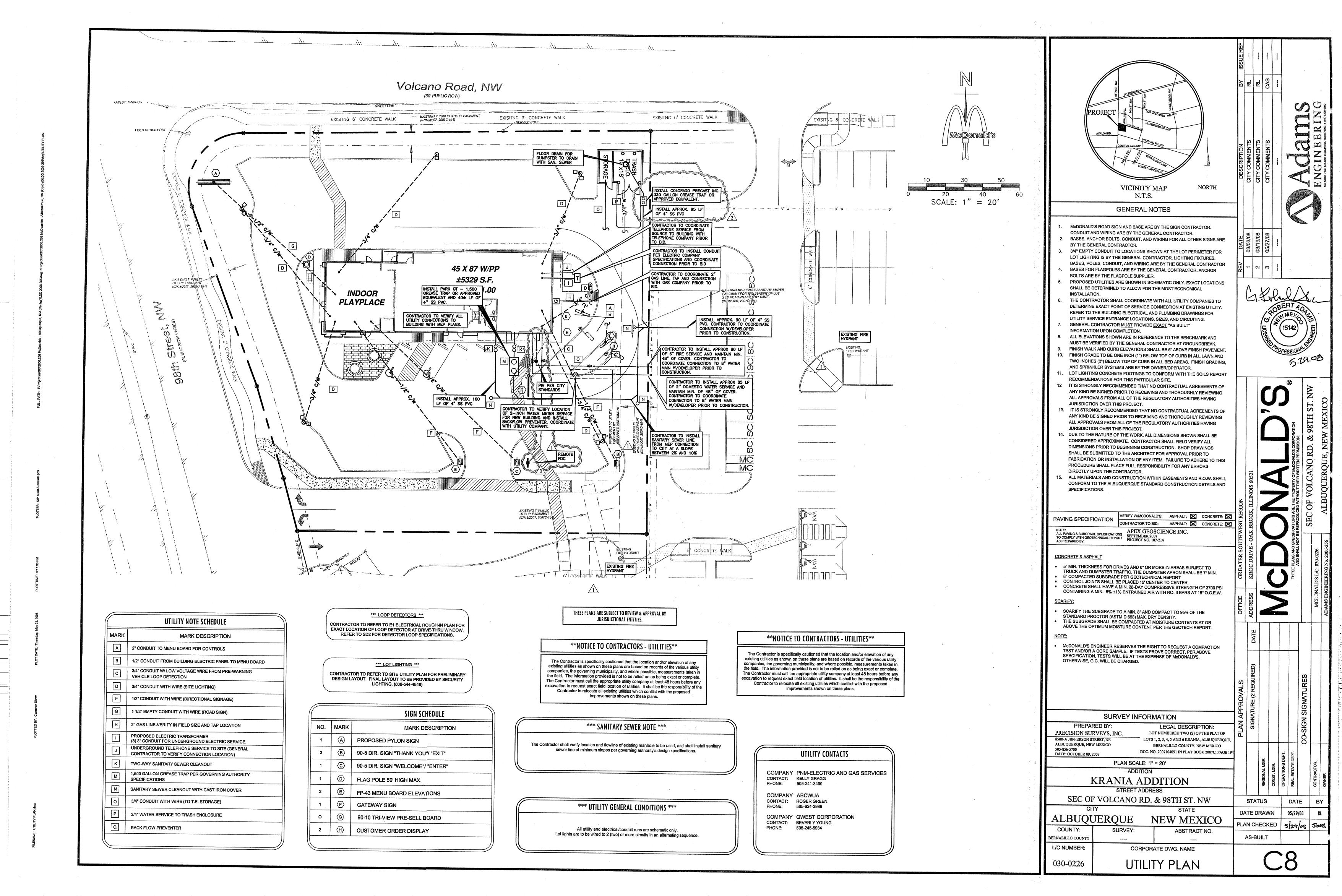
NTS

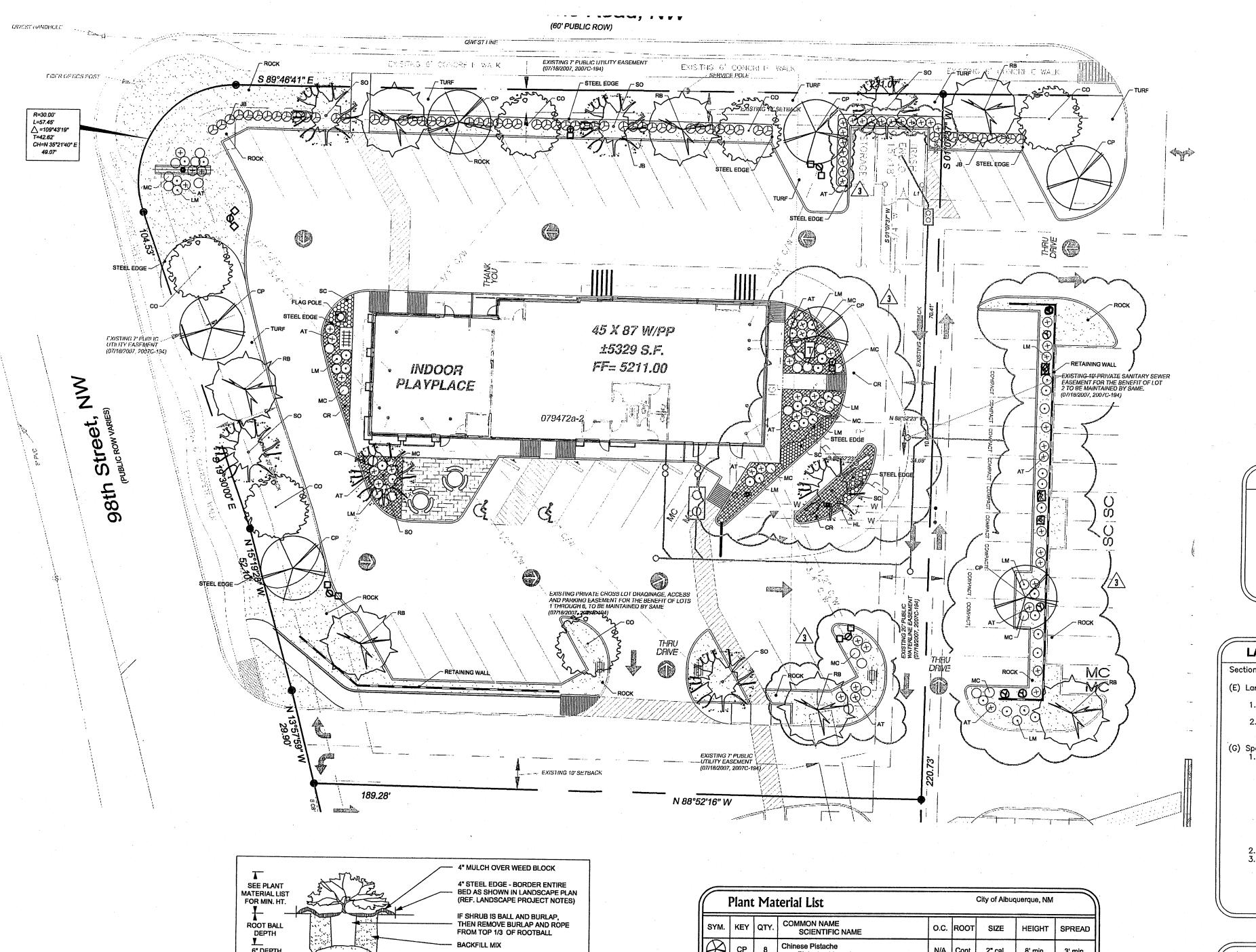
ENGINEER'S SEAL	MC DONALD'S 98TH ST AND VOLCANO RD	DRAWN BY EMT
RAY BONNANDO YAS	RETAINING WALL	DATE 03–20–08
	DETAIL	2802-DET
TEX LATE /5/		SHEET #
DAOFESSIONAL	TIERRA WEST, LLC 5571 MIDWAY PARK PLACE NE ALBUQUERQUE, NM 87109	C4
RONALD R. BOHANNAN P.E. #7868	(505)858-3100	JOB # 28002

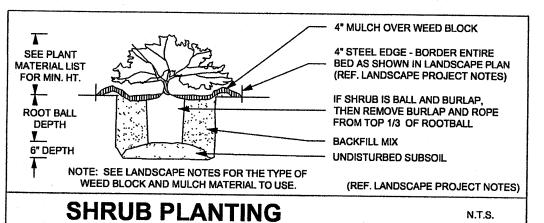


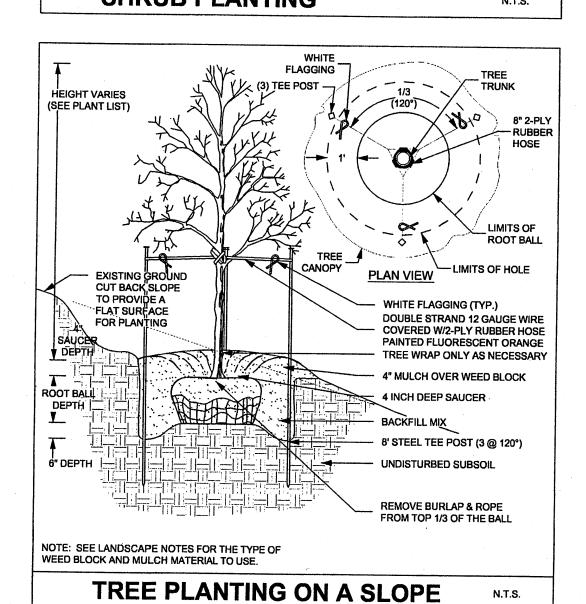






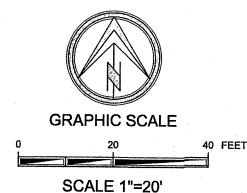






	F	Plant	: Mai	terial List	City of Albuquerque, NM					
SY	и.	KEY	QTY.	COMMON NAME SCIENTIFIC NAME	o.c.	ROOT	SIZE	HEIGHT	SPREAD	
0)	СР	8	Chinese Pistache Pistacio chinensis	N/A	Cont.	2" cal.	8' min.	3' min.	
歌		so	7	Shumard Oak Quercus shumardil	N/A	Cont.	2" cal.	8' min.	3' min.	
3	}	RB	7	Red Bud Cercis canadensis	N/A	Cont.	2" cal.	6-8' min.	3' min.	
~)	СО	6	Chinquapin Oak Quercus muhlenbergil	N/A	Cont.	2" cal.	8' min.	3' min.	
∞	d	мс	30	Moonbeam Coreopsis Coreopsis verticillata 'Moonbeam'	36"	Cont.	5 gal.	18" min.	24" min.	
∞	0	LM	42	Littleleaf Mountain Mahogany Cercocarpus intricatus	36"	Cont.	5 gal.	36" min.	36" min.	
Œ		AT	58	Big Sage Artemesia tridentata	36"	Cont.	5 gal.	24" min.	24" min.	
Ø Ø	Ø	JB	60	Japanese Boxwood Buxus microphylla ssp. japonica	36"	Cont.	5 gal.	30" min.	22" min.	
	3	CR	1,250 sq.ft.	Creeping Rosemary Rosmarinus officinalis 'Prostrata'	18"	Cont.	1 gal.	8" min.	10" min.	
	3	sc	130 sq.ft.	Seasonal Color	N/A	Cont.	4" pot	N/A	N/A	
			in A	ccordance to the Current Edition of the America	an Soci	ety of N	ursery Stand	ards		

LANDSCAPE CALCULATIONS for the City of Albuquerque											
	REQUIRED	PROVIDED	% REQ.	% PRO							
NET LOT AREA	N/A	43,338 SF	N/A	N/A							
LANDSCAPE AREA (15% of Net Lot Area)	6,500 SF	13,800 SF	15%	32.1%							
PARKING TREES (1 Tree per 10 Spaces) (39/10)	3.9	8	N/A	N/A							
STREET TREES (1 PER 30 L.F.)(480L.F./30)	16	16	N/A	N/A							
VEGITATIVE GROUND COVER (80% of Req. Landscape)	5,200 SF	6,900 SF	N/A	N/A							



COMPLIANCE WITH WATER CONSERVATION

It is the intent of this plan to comply with the City of Albuquerque Water Conservation Landscaping and Water Waste Ordinance planting restriction approach. Approval of this plan does not constitute or imply emption from water waste provision of the Water Conservation Landscaping and Water Waste Ordinance. Water management is the sole asponsibility of the Property Owner. All landscaping will be in conformance with the City of Albuquerque Zoning Code, Street Tree Ordinance, Pollen Ordinance and Water Conservation Landscaping and Water Waste Ordinance. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

LANDSCAPE REQUIREMENTS for the City of Albuquerque

Section 14-16-3-10

(E) Landscaping Area Requirements

- The total landsacped area required for each development shall equal not less that 15% of the net lot area. 2. Clear sight areas satisfactory to the Planning Director shall be maintained at all exits of parking areas.
- (G) Special Landscaping Standards

spread of the plants.

- . Off-Street Parking Area Landscaping. Trees are required in and around off-street parking areas to provide shade and relieve the adverse visual impact of large expanses of pavement and parked cars. Quantity and distribution of trees shall be as follows:
- a. One tree is required per ten parking spaces; b. No parking space may be more than 100 feet from a tree trunk;
- The minimum size of tree planters within off-street parking areas shall be 36 square feet per tree;
- d. At least 75% of the required parking areas shall be deciduous
- canopy—type shade trees, capable of achieving a mature canopy diameter of at least 25 feet.
- Street trees. Reference 6-6-2-5 Street tree Policies. Required Vegitative Ground Cover. All required landscape areas 36 square feet in size or larger shall be covered with living, vegetative materials, such as grasses, vines, spreading shrubs, or flowers, over at least 80% of the

required landscape area. Coverage will be calculated from the mature

LANDSCAPE PROJECT NOTES

Landscape maintenance shall be the responsibility of the property owner.

Refer to Sitework Specifications for all information needed for Landscape work.

Notify Landscape Architect or designated representative of any layout discrepancies or any condition which may prohibit the installation as shown.

Verify and locate all utilities and site lighting conduits before landscape construction begins. Protection of all utilities is the responsibility of the Contractor.

All slopes and areas disturbed by construction, except those occupied by buildings, structures, paving or identified as surface rock shall be graded smooth and four (4") inches of topsoil applied. If adequate topsoil is not available onsite, the contractor shall provide topsoil, approved by the owner. The area shall then be seeded, fertilized, mulched, watered and maintained until hardy grass growth is established in all areas. Any areas disturbed for any reason prior to final acceptance of the project shall be corrected by the contractor at no additional cost to the owner.

All landscaped areas will be irrigated with an underground automatic system. Refer to the irrigation plans and details for the location of the controller, irrigation meter,

Quantities shown on these plans are for information only. Plant spacing is as indicated in the Plant Material List unless otherwise noted. The contractor has full responsibility to provide coverage in all planting areas as specified.

All trees and shrubs shall be installed per planting details.

Trees shall be planted at least five (5') feet from any utility line or sidewalk and outside utility easements with a clear ten (10') feet around fire hydrants.

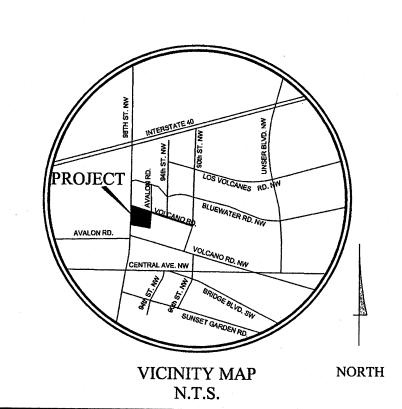
All plant material shall be maintained in a healthy and growing condition, and must be replaced with similar variety and size if damaged or removed. Container grown plant material is preferred, however, ball and burlap material may be substituted as indicated in the plant material list.

All planting beds as designated shall be bordered by four (4") inch steel edging as approved by the owner unless bed is bordered by concrete. Terminate edging flush with paved surface.

Shredded hardwood mulch shall be used as a four (4") inch dressing in all plant beds and around all trees over 10 mil 'Weedblock' fabric by 'Easy Gardener' or equal. Single trees or shrubs shall be mulched to the outside edge of the saucer or landscape island (See planting details).

Fertilize all plants at the time of planting with 10-10-10 time release fertilizer.

Areas labeled and identified as rock shall be beige in color as locally available and have a diameter not to exceed one and one—half inches $(1 \ 1/2")$. Contractor shall install to a uniform depth of three inches (3").



GENERAL NOTES

- McDONALD'S ROAD SIGN AND BASE ARE BY THE SIGN CONTRACTOR. CONDUIT AND WIRING ARE BY THE GENERAL CONTRACTOR.
- BASES, ANCHOR BOLTS, CONDUIT, AND WIRING FOR ALL OTHER SIGNS ARE BY THE GENERAL CONTRACTOR.
- 3/4" EMPTY CONDUIT TO LOCATIONS SHOWN AT THE LOT PERIMETER FOR LOT LIGHTING IS BY THE GENERAL CONTRACTOR. LIGHTING FIXTURES, BASES, POLES, CONDUIT, AND WIRING ARE BY THE GENERAL CONTRACTOR
- BASES FOR FLAGPOLES ARE BY THE GENERAL CONTRACTOR. ANCHOR BOLTS ARE BY THE FLAGPOLE SUPPLIER. PROPOSED UTILITIES ARE SHOWN IN SCHEMATIC ONLY. EXACT LOCATIONS SHALL BE DETERMINED TO ALLOW FOR THE MOST ECONOMICAL
- THE CONTRACTOR SHALL COORDINATE WITH ALL UTILITY COMPANIES TO DETERMINE EXACT POINT OF SERVICE CONNECTION AT EXISTING UTILITY. REFER TO THE BUILDING ELECTRICAL AND PLUMBING DRAWINGS FOR
- UTILITY SERVICE ENTRANCE LOCATIONS, SIZES, AND CIRCUITING. GENERAL CONTRACTOR MUST PROVIDE EXACT "AS BUILT" INFORMATION UPON COMPLETION.
- ALL ELEVATIONS SHOWN ARE IN REFERENCE TO THE BENCHMARK AND MUST BE VERIFIED BY THE GENERAL CONTRACTOR AT GROUNDBREAK.
- FINISH WALK AND CURB ELEVATIONS SHALL BE 6" ABOVE FINISH PAVEMENT. 10. FINISH GRADE TO BE ONE INCH (1") BELOW TOP OF CURB IN ALL LAWN AND TWO INCHES (2") BELOW TOP OF CURB IN ALL BED AREAS. FINISH GRADING,
- AND SPRINKLER SYSTEMS ARE BY THE OWNER/OPERATOR. LOT LIGHTING CONCRETE FOOTINGS TO CONFORM WITH THE SOILS REPORT RECOMMENDATIONS FOR THIS PARTICULAR SITE.
- IT IS STRONGLY RECOMMENDED THAT NO CONTRACTUAL AGREEMENTS OF ANY KIND BE SIGNED PRIOR TO RECEIVING AND THOROUGHLY REVIEWING ALL APPROVALS FROM ALL OF THE REGULATORY AUTHORITIES HAVING JURISDICTION OVER THIS PROJECT.
- 13. IT IS STRONGLY RECOMMENDED THAT NO CONTRACTUAL AGREEMENTS OF ANY KIND BE SIGNED PRIOR TO RECEIVING AND THOROUGHLY REVIEWING ALL APPROVALS FROM ALL OF THE REGULATORY AUTHORITIES HAVING
- JURISDICTION OVER THIS PROJECT. 14. DUE TO THE NATURE OF THE WORK, ALL DIMENSIONS SHOWN SHALL BE CONSIDERED APPROXIMATE. CONTRACTOR SHALL FIELD VERIFY ALL DIMENSIONS PRIOR TO BEGINNING CONSTRUCTION. SHOP DRAWINGS SHALL BE SUBMITTED TO THE ARCHITECT FOR APPROVAL PRIOR TO FABRICATION OR INSTALLATION OF ANY ITEM. FAILURE TO ADHERE TO THIS PROCEDURE SHALL PLACE FULL RESPONSIBILITY FOR ANY ERRORS
- DIRECTLY UPON THE CONTRACTOR. ALL MATERIALS AND CONSTRUCTION WITHIN EASEMENTS AND R.O.W. SHALL CONFORM TO THE ALBUQUERQUE STANDARD CONSTRUCTION DETAILS AND SPECIFICATIONS.

PAVING SPECIFICATION	VERIFY W/MCDONALD'S:	ASPHALT:	CONCRETE:
TOTAL OF EATHOR	CONTRACTOR TO BID:	ASPHALT:	CONCRETE:
NOTE: ALL PAVING & SUBGRADE SPECIFICATIO TO COMPLY WITH GEOTECHNICAL REPO AS PREPARED BY:		NCE INC.	

CONCRETE & ASPHALT

- 5" MIN. THICKNESS FOR DRIVES AND 6" OR MORE IN AREAS SUBJECT TO TRUCK AND DUMPSTER TRAFFIC. THE DUMPSTER APRON SHALL BE 7" MIN.
- 8" COMPACTED SUBGRADE PER GEOTECHNICAL REPORT CONTROL JOINTS SHALL BE PLACED 15' CENTER TO CENTER.
- CONCRETE SHALL HAVE A MIN. 28-DAY COMPRESSIVE STRENGTH OF 3700 PSI

CONTAINING A MIN. 5% ±1% ENTRAINED AIR WITH NO. 3 BARS AT 18" O.C.E.W.

- SCARIFY THE SUBGRADE TO A MIN. 8" AND COMPACT TO 95% OF THE STANDARD PROCTOR (ASTM D 698) MAX. DRY DENSITY. THE SUBGRADE SHALL BE COMPACTED AT MOISTURE CONTENTS AT OR

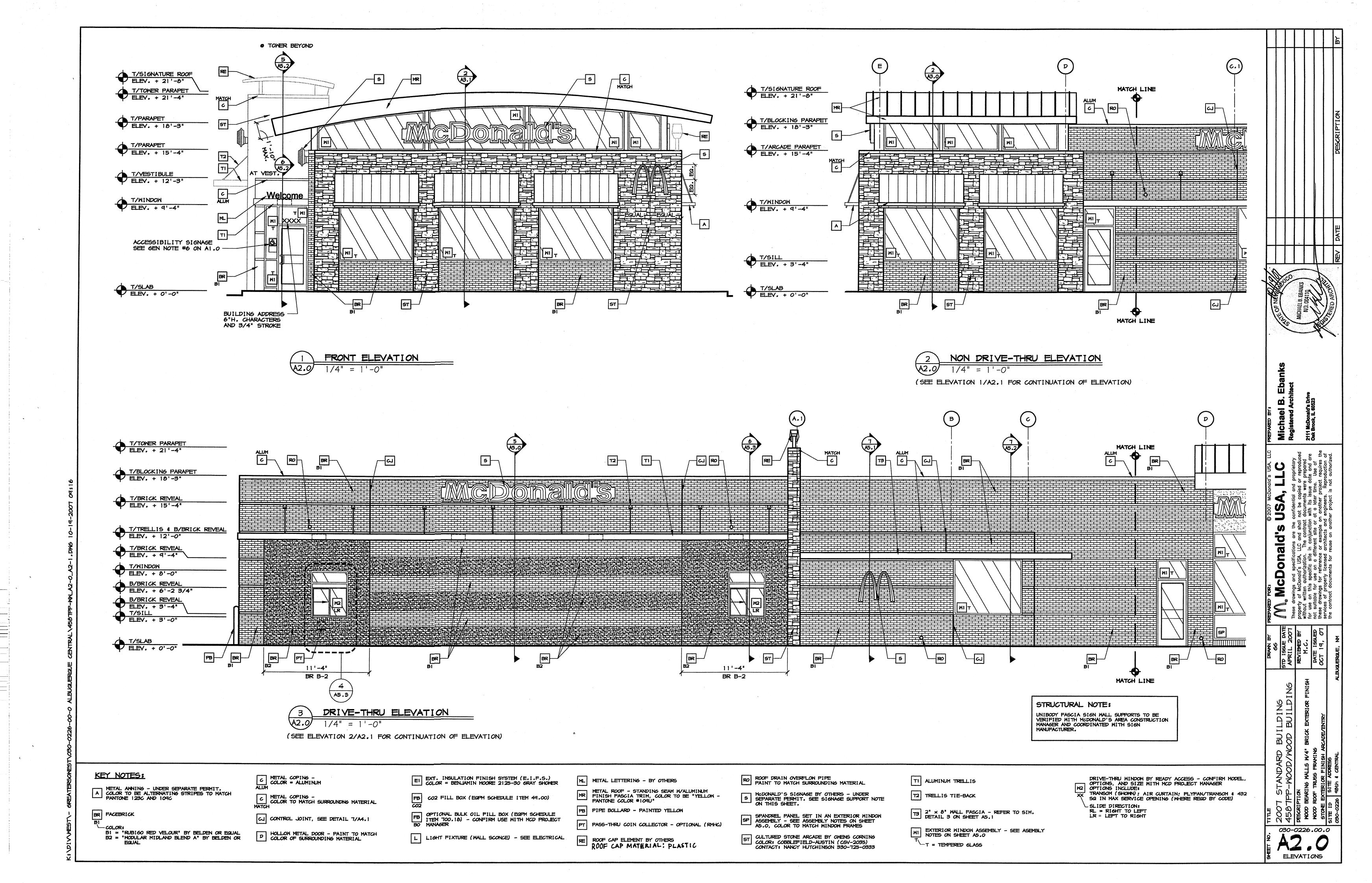
ABOVE THE OPTIMUM MOISTURE CONTENT PER THE GEOTECH REPORT.

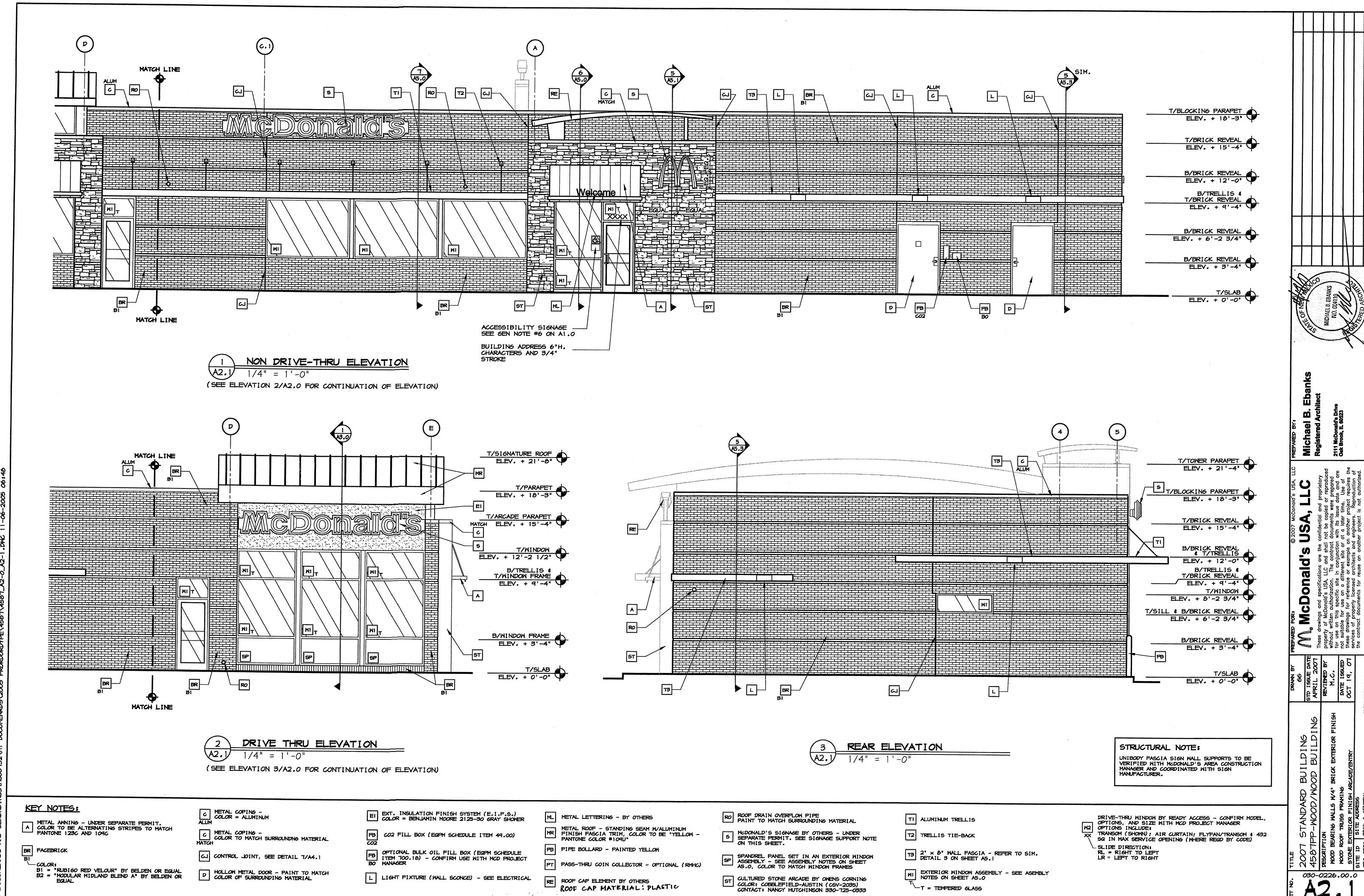
McDONALD'S ENGINEER RESERVES THE RIGHT TO REQUEST A COMPACTION									
TEST AND/OR A CORE SAMPLE. IF TESTS PROVE CORRECT, PER ABOVE SPECIFICATION, TESTS WILL BE AT THE EXPENSE OF McDONALD'S, OTHERWISE, G.C. WILL BE CHARGED.	APPROVALS	SIGNATURE (2 REQUIRED)					SIGNATURES		
SURVEY INFORMATION	AP	SNAT							
PREPARED BY: LEGAL DESCRIPTION: PRECISION SURVEYS, INC. LOT NUMBERED TWO (2) OF THE PLAT OF LOTS 1, 2, 3, 4, 5 AND 6 KRANIA, ALBUQUEROUE.	PLAN	SIC					CO-SIGN		
ALBUQUERQUE, NEW MEXICO 505-856-5700 DATE: OCTOBER 09, 2007 DATE: OCTOBER 09, 2007 DOC. NO. 2007104091 IN PLAT BOOK 2007C, PAGE 194					Td:	DEPT.	O		
PLAN SCALE: 1" = 20'			REGIONAL MGR.	9. 3.	OPERATIONS DEPT.	TE DI			
ADDITION			ONAL	CONST. MGR.	SATIO	ESTATE		CONTRACTOR	Æ
 KRANIA ADDITION			REGI	CON	OPEF	REAL		S S	OWNER
STREET ADDRESS									

	STREET ADDR	RESS	1		
SEC OF V	STA	TUS	DA		
.	CITY STATE		DATE D	RAWN	03.31
ALBUQUERQUE		NEW MEXICO	PLAN CH	03.31.	
COUNTY:	SURVEY: ABSTRACT NO.				
RNALILLO COUNT	Υ		AS-B		
L/C NUMBER:	_/C NUMBER: CORPORATE DWG. NAME				

LANDSCAPE PLAN

BEN R. HENRY





NRDS\2005 PRORDORDYPE\4587\4587 43_0 43_1 5W 11 06 500

