# PROJECT DATA

```
LEGAL DESCRIPTION:
LOTS 6,7,8,9,10,16,17,18,19,20,21, BLOCK 1, UNIVERSITY HEIGHTS
ACREAGE:
LOT 6 = .16 ACRES
LOT 7 = .16 ACRES
LOT 8 = .16 ACRES
LOT 9 = .16 ACRES
LOT 10 = .16 ACRES
LOT 16 = .16 ACRES
LOT 17 = .16 ACRES
LOT 18 = .16 ACRES
LOT 19 = .16 ACRES
LOT 20 = .16 ACRES
\begin{array}{rcl} \underline{\text{LOT 21}} &= & .16 \text{ ACRES} \\ \hline \text{TOTAL} &= & 1.76 \text{ ACRES} \end{array}
PROPOSED BUILDING AREAS:
BUILDING A:
     FIRST FLOOR:
                           1,200 SF. RETAIL
                           1,200 SF. RESIDENTIAL
                           2,050 SF. RESIDENTIAL
BUILDING B:
                            2,400 SF. RETAIL
     FIRST FLOOR:
                            3,800 SF. RESIDENTIAL
      SECOND FLOOR:
                           5,600 SF. RESIDENTIAL
                            4,700 SF. RESIDENTIAL
16,500 SF.
     THIRD FLOOR: TOTAL:
BUILDING C:
     FIRST FLOOR:
                            3,800 SF. RESIDENTIAL
      SECOND FLOOR:
                           5,600 SF. RESIDENTIAL
                            4,700 SF. RESIDENTIAL
16,500 SF.
BUILDING D:
                            1,200 SF. RETAIL
      FIRST FLOOR:
                            1,200 SF. RESIDENTIAL
      TOTAL DEVELOPMENT: 44,300 SF. (INCLUDING
PARKING CALCULATIONS:
PARKING REQUIRED:
      7,200 SF. RETAIL
      1 PER 300 SF. PER UC ZONE
      7.200/300 = 24 SPACES REQUIRED
      34,700 SF. RESIDENTIAL UNITS
      1 PER 600 SF. PER R3C ZONE
      33,400/600 = 56 SPACES REQUIRED
      80 TOTAL SPACES REQUIRED
      LESS 10% REDUCTION AS PROJECT IS WITHIN 300' OF
      TRANSIT ROUTE = 72 SPACES REQUIRED
PARKING PROVIDED:
       26 SPACES ARE PROVIDED OFF OF ALLEY.
      LOTS 17,18,19,20.
      46 SPACES PROVIDED AND DESIGNATED IN
      ADJACENT PARKING LOT. LOTS 6,7,8,9,10.
      72 TOTAL SPACES PROVIDED
 ADDITIONAL REQUIREMENTS:
      4 HC ACCESSIBLE SPACES AND 3 MOTORCYCLE
      SPACES REQUIRED PER C.O.A. REQUIREMENTS.
      4 HC ACCESSIBLE SPACES PROVIDED OFF OF ALLEY.
      7 MOTORCYCLE SPACES PROVIDED IN ADJACENT LOT.
BICYCLE PARKING CALCULATIONS:
BICYCLE PARKING REQUIRED:
                    = 4 SPACES REQUIRED
                     = 23 SPACES REQUIRED
                      = 28 SPACES REQUIRED
BICYCLE PARKING PROVIDED:
                     = 18 SPACES PROVIDED (3 RACK)
                    = 24 SPACES PROVIDED (4 RACKS)
                     = 42 SPACES PROVIDED
OPEN SPACE CALCULATIONS:
200 SF. PER EFFICIENCY OR 1 BEDROOM
PER SU-1 ZONING REGULATIONS.
46 RESIDENTIAL UNITS x 200 = 9200 SF. OPEN SPACE
 COURTYARDS = 8900 SF.
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11060 SF. OPEN SPACE PROVIDED

## SHEET LIST

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G101 TITLE SHEET

A001 SITE DEVELOPMENT PLAN FOR BUILDING PERMIT

L001 CONCEPTUAL LANDSCAPE PLAN

C001 NOTES AND DRAINAGE INFORMATION

C002 EXISTING GRADING AND DRAINAGE PLAN

C003 GRADING AND DRAINAGE PLAN

C004 SITE UTILITY PLAN

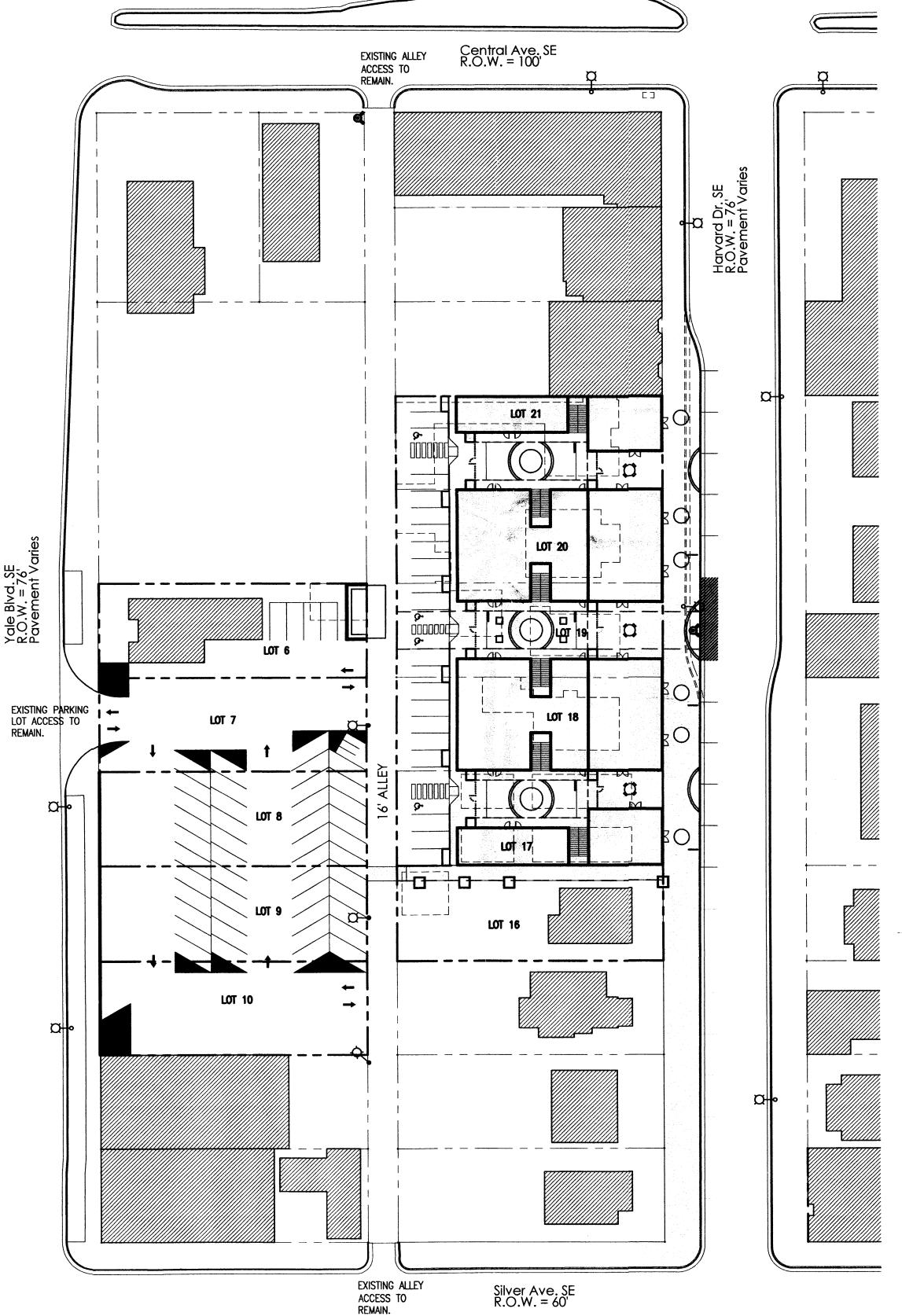
A401 OVERALL EXTERIOR ELEVATIONS

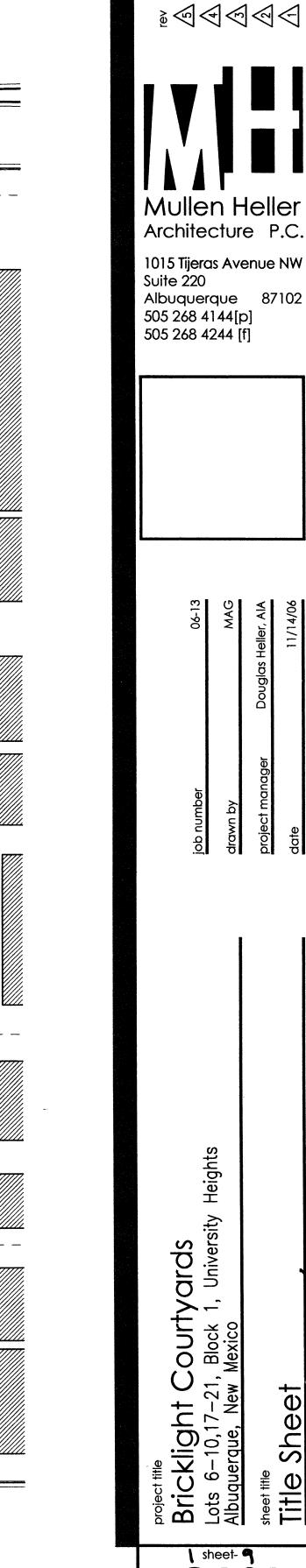
A402 ENLARGED EXTERIOR ELEVATIONS
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## REQUESTED ZONING

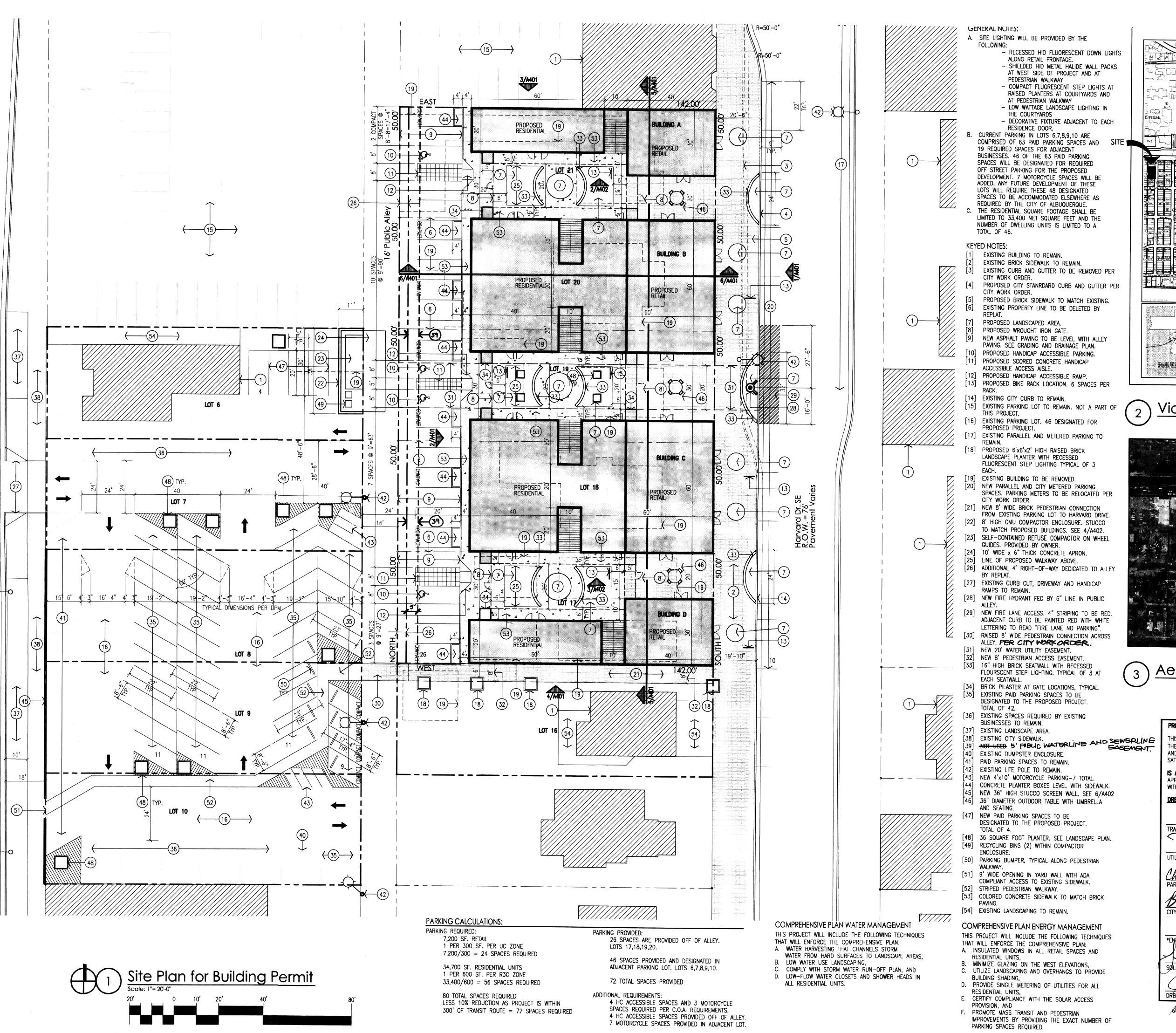
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ZONE CHANGE FROM SU-2/UC AND SU-2/R-3-C TO SU-2/SU-1 FOR A MIXED USE PROJECT
INCLUDING A 46 DWELLING UNIT COURTYARD DEVELOPMENT AND 7,200 SQUARE FEET FOR
COMMERCIAL USE, AND A SECTOR PLAN AMENDMENT TO THE ZONING MAP FROM UC AND R3C TO
SU-1 FOR MIXED USE.
PERMISSIVE COMMERCIAL USES INCLUDE:
               MULTIPLE-FAMILY DWELLINGS, NOT TO EXCEED A TOTAL OF 46 DWELLING UNITS.
               CHURCH OR OTHER PLACE OF WORSHIP, INCLUDING INCEDENTAL RECREATIONAL
               AND EDUCATIONAL FACILITIES.
               OFFICE MACHINES AND EQUIPMENT SALES AND REPAIR.
               RETAIL SALES OF THE FOLLOWING GOODS, PLUS INCIDENTAL RETALING OF RELATED
               GOODS AND INCIDENTAL SERVICE OR REPAIR:
                      (a) ARTS AND CRAFTS OBJECTS, SUPPLIES, PLUS THEIR
                           INCIDENTAL CREATION PROVIDED THERE IS LITTLE OR
                           NO REPRODUCTION OF SUBSTANTIALLY IDENTICAL
                      (b) BOOKS, MAGAZINES, NEWSPAPERS, STATIONERY,
                           PROVIDED THAT NO SUCH MATERIAL IS ADVERTISED TO
                           BE FORBIDDEN TO BE SOLD TO MINORS.
                           CLOTHING, SHOES, DRY GOODS.
                           COSMETICS, NOTIONS, HOBBY SUPPLIES.
                           DRUGS, MEDICAL SUPPLIES.
                           FLOWERS AND PLANTS, INCLUDING MINOR AND
                            INCIDENTAL OUTDOOR SALES.
                           RESTAURANTS, WITH OR WITHOUT BEER AND WINE
                                1) THERE SHALL BE NO DRIVE—IN RESTAURANT OR
                                      DRIVE-UP WINDOW; AND,
                                     THE RETAILING OF ALCOHOLIC DRINKS, NCLUDING BEER
                                      AND WINE. FOR ON OR OFF PREMISE CONSUMPTION.
                                      WITHIN 500 FEET OF A COMMUNITY RESIDENTIAL
                                      PROGRAM OR HOSPITAL FOR TREATMENT OF SUBSTANCE
                                      ABUSERS, IS PROHIBITED.
                           FURNITURE, HOUSEHOLD FURNISHINGS, AND APPLIANCES.
                           JEWELRY.
                           BICYCLE SALES. REPAIR IS ALLOWED AS AN ACCESSORY USE TO
                           SALES PROVIDED ALL REPAIR ACTIVITIES, INCLUDING TEMPORARY
                           STORAGE, ARE DONE WITHIN A COMPLETELY ENCLOSED BUILDING.
                           GAMES, INCLUDING COMPUTER AND VIDEO GAMES. (RETAIL SALES
                           ONLY, NO ARCADES).
                           MUSICAL INSTRUMENTS AND SUPPLIES.
                           PHOTOGRAPH EQUIPMENT.
                           SPORTING GOODS.
                           WALK-UP AUTOMATIC TELLER MACHINES (ATM'S).
                           BARBER, BEAUTY.
                           DAY CARE CENTER.
                           DRY CLEANING STATION (NO PROCESSING), SELF SERVICE LAUNDRY.
                           HEALTH GYMNASIUMS.
                           INSTRUCTION IN MUSIC, DANCE, FINE ARTS, CRAFTS, MODELING.
                           INTERIOR DECORATING.
                           PET GROOMING.
                           PHOTOGRAPHY, PHOTOCOPY, EXCEPT ADULT PHOTO STUDIO.
                           REPAIR OF SHOES, HOUSEHOLD EQUIPMENT.
                           TAILORING, DRESSMAKING.
                           PARKING LOT.
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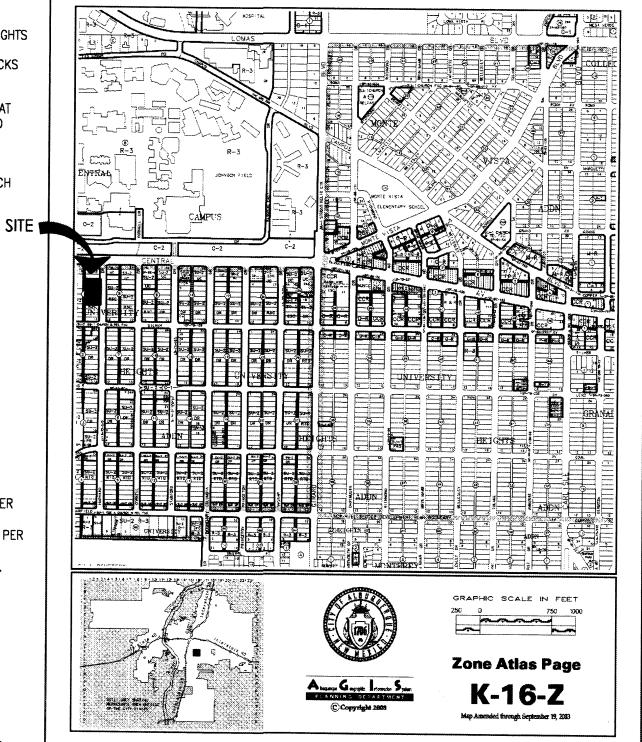
THERE ARE NO CONDITIONAL COMMERCIAL USES PERMITTED WITH THIS REQUEST.





Overall Site Plan for Building Permit





Vicinity Map



Aerial Photograph

PROJECT NUMBER: 1004927 APPLICATION NUMBER: ⊘% ♥ ♥ ● ~ ○ ( ◆ §. THIS PLAN IS CONSISTANT WITH THE SPECIFIC SITE DEVELOPMENT PLAN APPROVED BY THE ENVIRONMENTAL PLANNING COMMISSION (EPC) DATED: AUGUST 17, 2006

AND THE FINDINGS AND CONDITIONS IN THE OFFICIAL NOTIFICATION OF DECISION ARE IS AN INFRASTRUCTURE LIST REQUIRED? (X) YES ( ) NO IF YES, THEN A SET OF APPROVED DRC PLANS WITH A WORK ORDER IS REQUIRED FOR ANY CONSTRUCTION WITHIN PUBLIC RIGHT-OF-WAY OR FOR CONSTRUCTION OF PUBLIC IMPROVEMENTS. DRB SITE DEVELOPMENT PLAN SIGNOFF APPROVAL: 5-9-07 TRAFFIC ENGINEER, TRANSPORTATION DIVISION 5/9/07 UTILITIES DEVELOPMENT 5/9/07 Dandoval hristma PARKS AND RECREATION DEPARTMENT 8/30/07 ENVIRONMENTAL HEALTH DEPARTMENT (CONDITIONAL) Date 50-20-0 SØLID MASTE MANAGEMENT 100 Jalsor DRB CHAIRPERSON, PLANNING DEPARTMENT Stephanis & Shiemsy, Planner 5/18/07

Bri

Building

Mullen Heller

Architecture P.C.

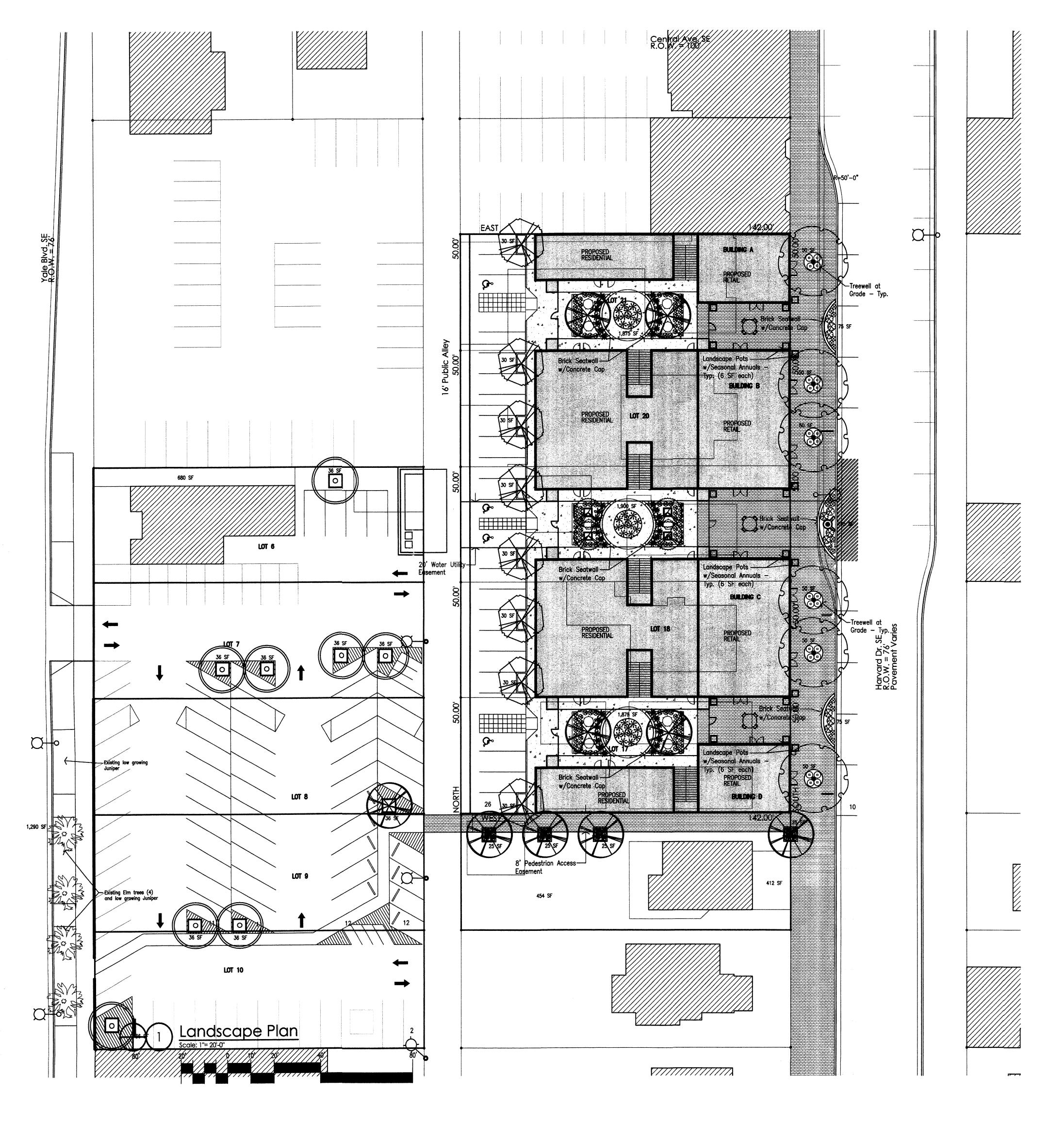
1015 Tijeras Avenue NW

Albuquerque 87102

Suite 220

505 268 4144[p]

505 268 4244 [f]



## LANDSCAPE PALETTE

Symbol	Botanical Name / Common Name	Mature Size Water Use
	Trees Existing Trees to Remain	
$\otimes$	Chitalpa tashkentensis Chitalpa	30' x 30' Medium
$\bigcirc$	Zelkova serrata Zelkova	50' x 40' Medium+
$\odot$	Koelreuteria paniculata Golden Raintree	20' x 20' Medium
$\otimes$	Lagerstroemia indica Crape Myrtle	15' x 15' Medium+
$\bigotimes$	Robinia x ambigua Purple Robe Locust	25' x 25' Medium
$\Diamond$	<u>Shrubs/Groundcovers</u> Buddleia davidii 'Nanhoensis' Butterfly Bush	48" x 48" Medium
€	Caryopteris clandonensis Blue Mist	36" x 36" Medium
$\otimes$	Cytiaua x 'Lena' Lena'a Broom	36' x 36' Medium
8	Lavandula angustifolia English Lavender	24" x 24" Medium
0	Potentilla fruticosa Shrubby Cinquefoil	36' x 36' Medium +
	Rosmarinus officinalis Prostrate Rosemary	24" x 48" Low +
*	Ornamental Grasses Nassella ternuissima Threadgrass	24° × 24° Low +

### LANDSCAPE CALCULATIONS

(1.76 acres) 76,666 SF
2Ø,384 SF
56 282 SF
rea): 8.442 SF
•9. <i>8</i> 53 SF
6 and 16, and the (3) enclose

# LANDSCAPE NOTES

EXISTING TREES

Due to the current site plan proposal, all existing trees on site shall be removed.

TREE REQUIREMENTS

Based on the City Zoning Code (trees per dwelling unit), 27 trees are required for this site. We have provided 26 trees, including 4 in pots in the utility easement between the 2 center buildings. We have provided 9 pots within the parking lot to provide for tree requirements within the parking lot. Four existing trees along Yale satisfy the street tree requirement for Yale.

### PLANT MATERIAL

The plant material selected for this project is in keeping with the existing plant material used throughout the Harvard corridor. The palette includes material that is considered High or Medium + in terms of water use. These species are used sparingly and are intended to blend with the surrounding landscape. It is our intent to provide structural soil in paved areas surrounding the trees along Harvard. This will provide a larger area of planting medium to aid the long-term health of those trees.

### MULCHES

All shrub planting areas shall be top dressed with 3' layer of pecan shalls.

### IRRIGATION SYSTEM

Irrigation system standards outlined in the Water Conservation Landscaping and Water Waste Ordinance shall be strictly adhered to. A fully automated drip irrigation system will be used to irrigate tree, shrub and groundcover planting areas.

### MAINTENANCE RESPONSIBILITY

Maintenance of the landscaping and irrigation system, including those areas within the public ROM, shall be the responsibility of the property owner.

### STATEMENT OF WATER WASTE

Using the "planting restriction" approach within the Water Conservation Landscaping and Water Waste Ordinance, the Landscape Plan for the Harvard Redevelopment shall limit the provision of high water use turf to a maximum of 20 percent of the required landscape area. The current landscape plan does not contain any high water use turf.

Mullen Heller Architecture P.C. 1015 Tijeras Avenue NW Suite 220 Albuquerque 87102 505 268 4144[p] 505 268 4244 [f] Courtyards 1, University He

CONSENSUS e-mail: cp@consensusplanning.com

CONSENSUS PLANNING, INC.
Planning / Landscape Architecture 302 Eighth Street NW Albuquerque, NM 87102 (505) 764–9801 Fax 842–5495

# GENERAL CONSTRUCTION NOTES

#### GENERAL

CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL REQUIRED CONSTRUCTION PERMITS, INCLUDING A TOP SOIL DISTURBANCE PERMIT, PRIOR TO START OF CONSTRUCTION.

ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, ORDINANCES, AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.

REFERENCES MADE TO STANDARD SPECIFICATIONS AND STANDARD DRAWINGS REFER TO THE CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION, 1986 EDITION WITH ALL UPDATES.

THE CONTRACTOR SHALL NOT INSTALL ITEMS AS SHOWN ON THESE PLANS WHEN IT IS OBVIOUS THAT FIELD CONDITIONS ARE DIFFERENT THAN SHOWN IN THE PLANS. SUCH CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ENGINEER IN A TIMELY MANNER. IN THE EVENT THE CONTRACTOR DOES NOT NOTIFY THE ENGINEER IN A TIMELY MANNER, THE CONTRACTOR ASSUMES FULL RESPONSIBILITY AND EXPENSE FOR ANY REVISIONS NECESSARY, INCLUDING ENGINEERING DESIGN FEES.

EXISTING SITE IMPROVEMENTS WHICH ARE DAMAGED OR DISPLACED BY THE CONTRACTOR SHALL BE REMOVED AND REPLACED BY THE CONTRACTOR AT THE CONTRACTOR'S EXPENSE. REPAIRS SHALL BE APPROVED BY THE OWNER PRIOR TO CONSTRUCTION OF THE REPAIRS. REPAIRS SHALL BE ACCEPTED BY THE OWNER PRIOR TO FINAL PAYMENT.

EXISTING FENCING THAT IS NOT DESIGNATED FOR REMOVAL SHALL NOT BE DISTURBED. ANY FENCING THAT IS DISTURBED OR ALTERED BY THE CONTRACTOR SHALL BE RESTORED TO ITS ORIGINAL CONDITION AT THE CONTRACTORS EXPENSE. IF THE CONTRACTOR DESIRES TO REMOVE FENCING TO ACCOMMODATE CONSTRUCTION ACTIVITIES, THE CONTRACTOR SHALL OBTAIN THE OWNER'S WRITTEN PERMISSION BEFORE THE FENCE IS REMOVED. CONTRACTOR SHALL RESTORE THE FENCE TO ITS ORIGINAL CONDITION AT THE EARLIEST OPPORTUNITY. WHILE ANY FENCING IS REMOVED, THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR SECURITY OF THE SITE UNTIL THE FENCE IS RESTORED.

#### WORK WITHIN ADJACENT RIGHT-OF-WAY

PRIOR TO BEGINNING ANY CONSTRUCTION ACTIVITIES WITHIN ADJACENT RIGHT-OF-WAYS OR WITHIN PROPERTY NOT OWNED BY THE OWNER OF THE PROJECT SITE, THE CONTRACTOR SHALL ASSURE THAT ALL PERMITS AND PERMISSIONS REQUIRED HAVE BEEN OBTAINED IN WRITING.

## SURVEY MONUMENTS, PROPERTY CORNERS, BENCHMARKS

THE CONTRACTOR SHALL NOTIFY THE OWNER AT LEAST SEVEN DAYS BEFORE BEGINNING ANY CONSTRUCTION ACTIVITY THAT COULD DAMAGE OR DISPLACE SURVEY MONUMENTS, PROPERTY CORNERS, OR PROJECT BENCHMARKS SO THESE FIEMS MAY BE RELOCATED.

ANY SURVEY MONUMENTS, PROPERTY CORNERS, OR BENCHMARKS THAT ARE NOT IDENTIFIED FOR RELOCATION ARE THE RESPONSIBILITY OF THE CONTRACTOR TO PRESERVE AND PROTECT, RELOCATION OR REPLACEMENT OF THESE ITEMS SHALL BE DONE BY THE OWNER'S SURVEYOR AT THE EXPENSE OF THE CONTRACTOR.

#### DIMENSIONS

- ALL DIMENSIONS TO CURBS ARE TO THE FLOWLINE UNLESS OTHERWISE NOTED.
- ALL STATIONING IS TO THE CENTERLINE OF THE RIGHT-OF-WAY UNLESS OTHERWISE NOTED.
- ALL SLOPES AND GRADES ARE IN PERCENT UNLESS OTHERWISE NOTED.

CURB ELEVATIONS ARE SHOWN AT THE FLOW LINE UNLESS OTHERWISE NOTED. SEE THE DETAIL SHEET TO DETERMINE THE CURB HEIGHT ABOVE FLOW LINE.

#### SOILS

UNLESS OTHERWISE SPECIFIED, SUBGRADE, ENGINEERED FILL, AND STRUCTURAL FILL SHALL BE COMPACTED TO THE FOLLOWING SPECIFICATIONS OF THE ASTM D-1557 MAXIMUM DRY DENSITY.

MATERIAL/LOCATION STRUCTURAL FILL IN THE BUILDING AREA SUBBASE FOR SLAB SUPPORT	PERCENT COMPACTION 95% 95%
MISCELLANEOUS BACKFILL BELOW STRUCTURA FILL OR ROADWAY PAVEMENT MISCELLANEOUS BACKFILL BELOW UNPAVED,	95%
NON-BUILDING AREAS ROADWAY PAVEMENT SUBGRADE	90 <b>%</b> 95 <b>%</b>
SIDEWALK SUBGRADE CURB AND GUTTER SUBGRADE	90% 95%

### PAVEMENT

WHEN ABUTTING NEW PAVEMENT TO EXISTING PAVEMENT, CUT EXISTING PAVEMENT EDGE TO A NEAT, STRAIGHT LINE AS NECESSARY TO REMOVE ANY BROKEN OR CRACKED PAVEMENT AND MATCH NEW PAVEMENT ELEVATION TO EXISTING.

ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED AND APPROVED PRIOR TO PAVING.

ALL WATER VALVE BOXES AND ELECTRICAL, TELEPHONE, TELEVISION, AND SEWER MANHOLES IN THE CONSTRUCTION AREA SHALL BE ADJUSTED TO FINISHED GRADE BEFORE PAVING.

WHEN SIDEWALK OR CURB AND GUTTER IS REMOVED, IT SHALL BE REMOVED TO EXISTING CONSTRUCTION JOINTS. CUTTING OR BREAKING SHALL NOT BE ALLOWED.

#### וודוו ודוב כ

IF ANY UTILITY LINES, PIPELINES, OR UNDERGROUND UTILITY LINES ARE SHOWN ON THESE DRAWINGS, THEY ARE SHOWN IN AN APPROXIMATE LOCATION ONLY BASED ON THE INFORMATION PROVIDED TO THE ENGINEER BY OTHERS. THIS INFORMATION MAY BE INACCURATE OR INCOMPLETE. ADDITIONALLY, UNDERGROUND LINES MAY EXIST THAT ARE NOT SHOWN. THE CONTRACTOR SHALL VERIFY THE LOCATION OF ANY UTILITY LINE, PIPELINE, OR UNDERGROUND UTILITY LINE IN OR NEAR THE AREA OF THE WORK IN ACCORDANCE WITH CHAPTER 62, ARTICLE 14-1, THROUGH 14-8, NMSA 1978.

THE CONTRACTOR SHALL CONTACT THE STATEWIDE UTILITY LOCATOR SERVICE AT 1-800-321-2537 AT LEAST TWO WORKING DAYS BEFORE BEGINNING CONSTRUCTION. AFTER THE UTILITIES ARE SPOTTED, THE CONTRACTOR SHALL EXPOSE ALL PERTINENT UTILITIES TO VERIFY THEIR VERTICAL AND HORIZONTAL LOCATION. IF A CONFLICT EXISTS BETWEEN EXISTING UTILITIES AND PROPOSED CONSTRUCTION, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH MINIMAL DELAY.

THE CONTRACTOR SHALL EXERCISE DUE CARE TO AVOID DISTURBING ANY EXISTING UTILITIES, ABOVE OR BELOW GROUND. UTILITIES THAT ARE DAMAGED BY CARELESS CONSTRUCTION SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

EXISTING VALVES SHALL ONLY BE OPERATED BY THE UTILITY COMPANY. CONTRACTOR SHALL NOTIFY THE UTILITY A MINIMUM OF TWO WORKING DAYS BEFORE ANY VALVE, NEW OR EXISTING, NEEDS TO BE OPERATED.

THE CONTRACTOR SHALL COORDINATE ANY REQUIRED UTILITY INTERRUPTIONS WITH THE OWNER AND AFFECTED UTILITY COMPANY A MINIMUM OF THREE WORKING DAYS BEFORE THE INTERRUPTION.

THE CONTRACTOR SHALL MAINTAIN A RECORD DRAWING SET OF PLANS AND PROMPTLY LOCATE ALL UTILITIES, EXITING OR NEW, IN THEIR CORRECT LOCATION, HORIZONTAL AND VERTICAL. THIS RECORD SET OF DRAWINGS SHALL BE MAINTAINED ON THE PROJECT SITE AND SHALL BE AVAILABLE TO THE OWNER AND ENGINEER AT ANY TIME DURING CONSTRUCTION.

#### EROSION CONTROL, ENVIRONMENTAL PROTECTION, AND STORM WATER POLLUTION PREVENTION PLAN

THE CONTRACTOR SHALL CONFORM TO ALL CITY, COUNTY, STATE, AND FEDERAL DUST AND EROSION CONTROL REGULATIONS. THE CONTRACTOR SHALL OBTAIN AND PREPARE ANY DUST CONTROL OR EROSION CONTROL PERMITS REQUIRED FROM THE REGULATORY AGENCIES.

THE CONTRACTOR SHALL PROMPTLY REMOVE ANY MATERIAL EXCAVATED WITH THE PUBLIC RIGHT-OF-WAY OR ADJACENT PROPERTY TO KEEP IT FROM WASHING OFF THE PROJECT SITE.

THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO ADJACENT PROPERTY BY CONSTRUCTION OF TEMPORARY EROSION CONTROL BERMS OR INSTALLING SILT FENCES AT THE PROPERTY LINES AND WETTING THE SOIL TO PREVENT IT FROM BLOWING.

WATERING, AS REQUIRED FOR CONSTRUCTION DUST CONTROL, SHALL BE CONSIDERED INCIDENTAL TO CONSTRUCTION AND NO MEASUREMENT OR PAYMENT SHALL BE MADE. CONSTRUCTION AREAS SHALL BE WATERED FOR DUST CONTROL IN COMPLIANCE WITH GOVERNMENT ORDINANCES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND SUPPLYING WATER AS REQUIRED.

ANY AREAS DISTURBED BY CONSTRUCTION AND NOT COVERED BY LANDSCAPING OR IMPERVIOUS SURFACES SHALL BE REVEGETATED WITH RECLAMATION SEEDING.

THE CONTRACTOR SHALL PROPERLY HANDLE AND DISPOSE OF ALL ASPHALT REMOVED ON THE PROJECT BY HAULING IT TO AN APPROVED DISPOSAL SITE IN ACCORDANCE WITH THE REQUIREMENTS OF THE NEW MEXICO SOLID WASTE ACT.

ALL WASTE PRODUCTS FROM THE CONSTRUCTION SITE, INCLUDING ITEMS DESIGNED FOR REMOVAL, CONSTRUCTION WASTE, CONSTRUCTION EQUIPMENT WASTE PRODUCTS (OIL, GAS, TIRES, ETC.), GARBAGE, GRUBBING, EXCESS CUT MATERIAL, VEGETATIVE DEBRIS, ETC.. SHALL BE APPROPRIATELY DISPOSED OF OFFSET AT NO ADDITIONAL COST TO THE OWNER. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN ANY PERMITS REQUIRED FOR HAUL OR DISPOSAL OF WASTE PRODUCTS, IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO ENSURE THAT THE WASTE DISPOSAL SITE COMPLIES WITH GOVERNMENT REGULATIONS REGARDING THE ENVIRONMENT, ENDANGERED SPECIES, AND ARCHAEOLOGICAL RESOURCES.

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE CLEANUP AND REPORTING OF SPILLS OF HAZARDOUS MATERIALS ASSOCIATED WITH THE CONSTRUCTION SITE. HAZARDOUS MATERIALS INCLUDE GASOLINE, DIESEL FUEL, MOTOR OIL, SOLVENTS, CHEMICALS, PAINT, ETC. WHICH MAY BE A THREAT TO THE ENVIRONMENT. THE CONTRACTOR SHALL REPORT THE DISCOVERY OF PAST OR PRESENT SPILLS TO THE NEW MEXICO EMERGENCY RESPONSE AT 1-800-219-6157.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING SURFACE AND UNDERGROUND WATER. CONTACT WITH SURFACE WATER BY CONSTRUCTION EQUIPMENT AND PERSONNEL SHALL BE MINIMIZED. EQUIPMENT MAINTENANCE AND REFUELING OPERATIONS SHALL BE PERFORMED IN AN ENVIRONMENTALLY SAFE MANNER IN COMPLIANCE WITH GOVERNMENT REGULATIONS.

THE CONTRACTOR SHALL COMPLY WITH ALL APPLICABLE REGULATIONS CONCERNING CONSTRUCTION NOISE AND HOURS OF OPERATION.

### ACCESSIBLE FACILITIES

ALL SURFACES ALONG ACCESSIBLE ROUTES AND FOR HANDICAP RAMPS SHALL BE STABLE FIRM, SLIDE RESISTANT AND SHALL COMPLY WITH UNIFORM FEDERAL ACCESSIBILITY STANDARDS, PARAGRAPH 4.5.

LONGITUDINAL SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS, EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:20. CROSS SLOPES ALONG ACCESSIBLE ROUTE SIDEWALKS EXCEPT AT HANDICAP RAMPS, SHALL NOT BE STEEPER THAN 1:48. SLOPES IN ACCESSIBLE PARKING SPACES, ACCESS AISLES, AND PASSENGER LOADING ZONES SHALL NOT BE STEEPER THAN 1:48 IN ALL DIRECTIONS.

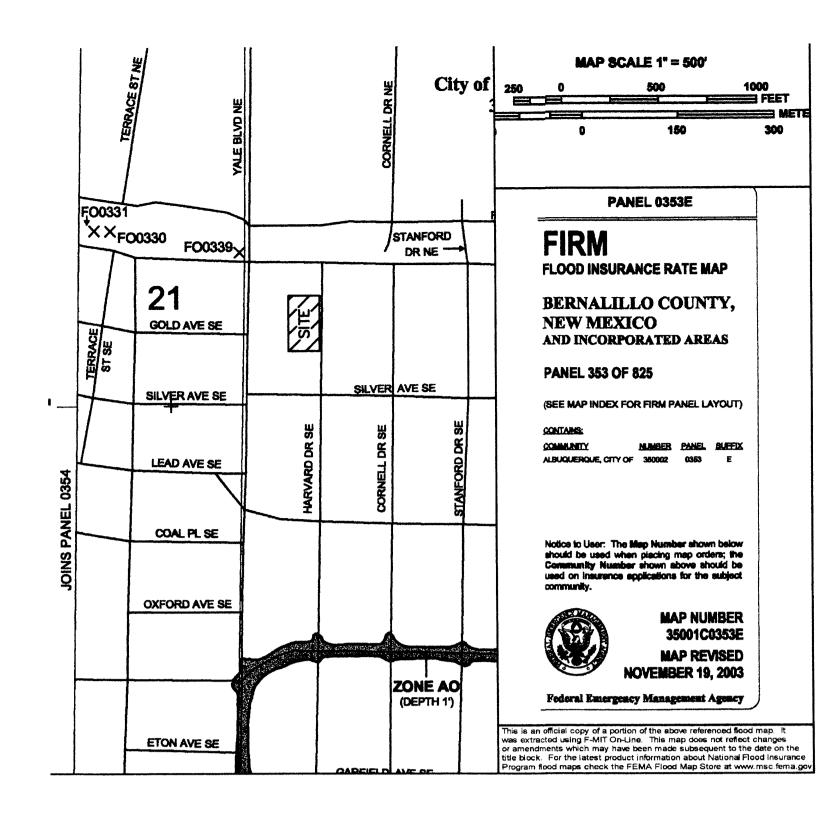
THE SITE SHALL COMPLY WITH ANSI A117.1-1992, "ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES".

### TRAFFIC CONTROL

THE CONTRACTOR SHALL PROVIDE ALL REQUIRED TRAFFIC CONTROL PLANS. ALL SIGNS, BARRICADES, CHANNELIZATION DEVICES, SIGN FRAMES AND ERECTION OF SUCH DEVICES SHALL CONFORM TO THE REQUIREMENTS OF "MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES FOR STREETS AND HIGHWAYS" LATEST EDITION. PRIOR TO CONSTRUCTION, TRAFFIC CONTROL PLANS SHALL BE APPROVED BY THE GOVERNING AUTHORITY.

# ABBREVIATIONS

AD = AREA DRAIN	DTL = DETAIL	GV = GATE VALVE	RCP = REINFORCED CONCRETE PIPE	TCC =
AIP = ABANDONED IN PLACE	DWG = DRAWING	HI PT = HIGH POINT	R/W = RIGHT-OF-WAY	TG = TOP OF GRATE
BLDG = BUILDING	E = ELECTRIC LINE	INV = INVERT ELEVATION	SAS = SANITARY SEWER	TS = TOP OF SIDEWALK
BM = BENCHMARK	ELEC. = ELECTRIC	LF = LINEAL FEET	SD = STORM DRAIN	TW = TOP OF WALL
CATV = CABLE TELEVISION LINE	ELEV = ELEVATION	MH = MANHOLE	STA = STATION	TYP = TYPICAL
CMP = CORRUGATED METAL PIPE	EX = EXISTING	NG = NATURAL GROUND	STD = STANDARD	TB = TELEPHONE BOX
CO = CLEANOUT	FF = FINISHED FLOOR ELEVATION	OE = OVERHEAD ELECTRIC LINE	SW = SIDEWALK	UE =
COA = CITY OF ALBUQUERQUE	FG = FINISHED GRADE	PCC = PORTLAND CEMENT CONCRETE	T = TELEPHONE	UT =
CONC = CONCRETE	FH = FIRE HYDRANT	PP = POWER POLE	TA = TOP OF ASPHALT PAVEMENT	W = WATER
CL = CENTERLINE	FL = FLOW LINE	PROP = PROPOSED	TAC = TOP OF ASPHALT CURB	WM = WATER METER
DIA = DIAMETER	GM = GAS METER	PVC = POLYVINYL CHLORIDE PIPE	TC = TOP OF CONCRETE SLAB (PAVEMENT)	WV WATER VALVE



#### 100-YEAR HYDROLOGIC CALCULATIONS

		LAND TREATMENT			WEIGHTED						
BASIN	AREA	Α	В	С	D	E	V (6-hr)	V (6-hr)	V(10 day)	V(10 day)	Q
#	(acre)	(%)	(%)	(%)	(%)	(in)	(acre-ft)	(cu-ft)	(acre-ft)	(cu-ft)	(cfs)
	EXISTING CONDITIONS										
SITE	0.8150	0.00	5.00	5.00	90.00	2.00	0.14	5,927	0.23	10,187	3.67
	PROPOSED CONDITIONS										
SITE	0.8150	0.00	5.00	5.00	90.00	2.00	0.14	5,927	0.23	10,187	3.67
EXCESS	PRECIP.	0.53	0.78	1.13	2.12	E <sub>i</sub> (in)					
PEAK DIS	CHARGE	1.56	2.28	3.14	4.7	QPi (cfs)					
									ZONE =	2	
WEIGHTE	WEIGHTED E (in) = $(E_A)(\%A) + (E_B)(\%B) + (E_C)(\%C) + (E_D)(\%D)$						P <sub>6-нв</sub> (in.) =	2.35			
V <sub>6-HR</sub> (acre-ft) = (WEIGHTED E)(AREA)/12							P <sub>24-HR</sub> (in.) =	2.75			
$V_{10DAY}$ (acre-ft) = $V_{6-HR}$ + (AD)( $P_{10DAY}$ - $P_{6-HR}$ )/12							P <sub>10DAY</sub> (in.) =	<b>3.95</b>			
Q (cfs) = (	Qpa)(Aa) + (	<b>Q</b> РВ)( <b>A</b> В)	+ (Qpc)(A	c) + (Qpd)	( <b>A</b> D)						

## DRAINAGE INFORMATION

### LOCATION & DESCRIPTION

THE PROPOSED SITE IS 0.815 ACRES LOCATED ON THE WEST SIDE OF HARVARD DRIVE AND SOUTH OF CENTRAL AVENUE AS SEEN ON THE VICINITY MAP ON SHEET COO1. THE LOT IS DEVELOPED WITH DEVELOPED LOTS NORTH AND SOUTH OF IT. IT IS BOUNDED BY HARVARD DRIVE TO THE EAST AND AN ALLEY TO THE WEST.

### FLOODPLAIN STATUS

THIS PROJECT, AS SHOWN ON FEMA'S FLOOD INSURANCE RATE MAP 35001C0353 E, DATED NOVEMBER 19, 2003 IS NOT WITHIN ANY DESIGNATED 100—YEAR FLOODPLAIN. A PORTION OF THIS PANEL WITH THE SITE DESIGNATED ON IT IS INCLUDED ON THIS SHEET.

### METHODOLOGY

THE HYDROLOGY FOR THIS PROJECT WAS ANALYZED USING THE QUICK CALCULATION METHOD AS DOCUMENTED IN THE JUNE 1997 RELEASE OF THE CITY OF ALBUQUERQUE DEVELOPMENT PROCESS MANUAL, SECTION 22.2.

### EXISTING DRAINAGE

THE SITE IS DEVELOPED AS DESCRIBED ABOVE IN "LOCATION AND DESCRIPTION." THE EXISTING BUILDINGS HAVE PITCHED ROOFS DRAINING NORTH AND SOUTH. THE GROUND IS COVERED WITH BRICK PAVERS WITH A HIGH POINT AT APPROXIMATELY THE EAST PROPERTY LINE DRAINING THESE LOTS WEST TO THE ALLEY AT APPROXIMATELY A 0.75% GRADE. THE BRICK PAVERS WITHIN THE HARVARD RIGHT—OF—WAY DRAIN TO THE STREET. THE SITE IS 90% IMPERVIOUS. THE ALLEY WHICH DRAINS THIS SITE HAS APPROXIMATELY A 2" INVERTED CROWN CENTERED WITHIN THE 16' WIDTH AND SLOPES FROM NORTH TO SOUTH AT APPROXIMATELY A 0.45% GRADE. DUE TO EXISTING DEVELOPMENT, ALL RUNOFF IS DIRECTED TO EITHER HARVARD STREET OR THE ALLEY. THEREFORE, THERE IS NO OFFSITE RUNOFF ENTERING THIS SITE.

### DEVELOPED CONDITION

THESE FIVE LOTS WILL BE REPLATTED INTO A SINGLE LOT WITH FOUR NEW STRUCTURES. SIMILAR TO EXISTING CONDITIONS, THE FOUR BUILDINGS WILL DRAIN INTO THE THREE LANDSCAPED AREAS BETWEEN THE BUILDINGS. THESE LANDSCAPED AREAS WILL BE GRADED TO DRAIN WEST TO THE ALLEY. THIS DEVELOPMENT WILL ALSO BE 90% IMPERVIOUS. THEREFORE, NO CHANGES WILL BE MADE TO THE EXISTING RUNOFF FROM THIS SITE. THE HARVARD RIGHT-OF-WAY WILL REMAIN AS IT IS WITH BRICK PAVERS. A SMALL AREA OF THE STREET WILL BE NARROWED TO MATCH THE STREET SECTION TO THE SOUTH BUT DRAINAGE WILL NOT BE ALTERED.

LARRY READ & ASSOCIATES

Civil Engineers

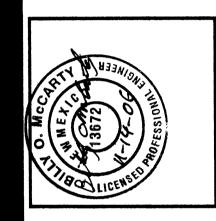
2430 Midtown Place, NE Suite C Albuquerque, New Mexico 87107 (505) 345-0620 Fax (505) 237-8422 by revisio

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Architecture P.C



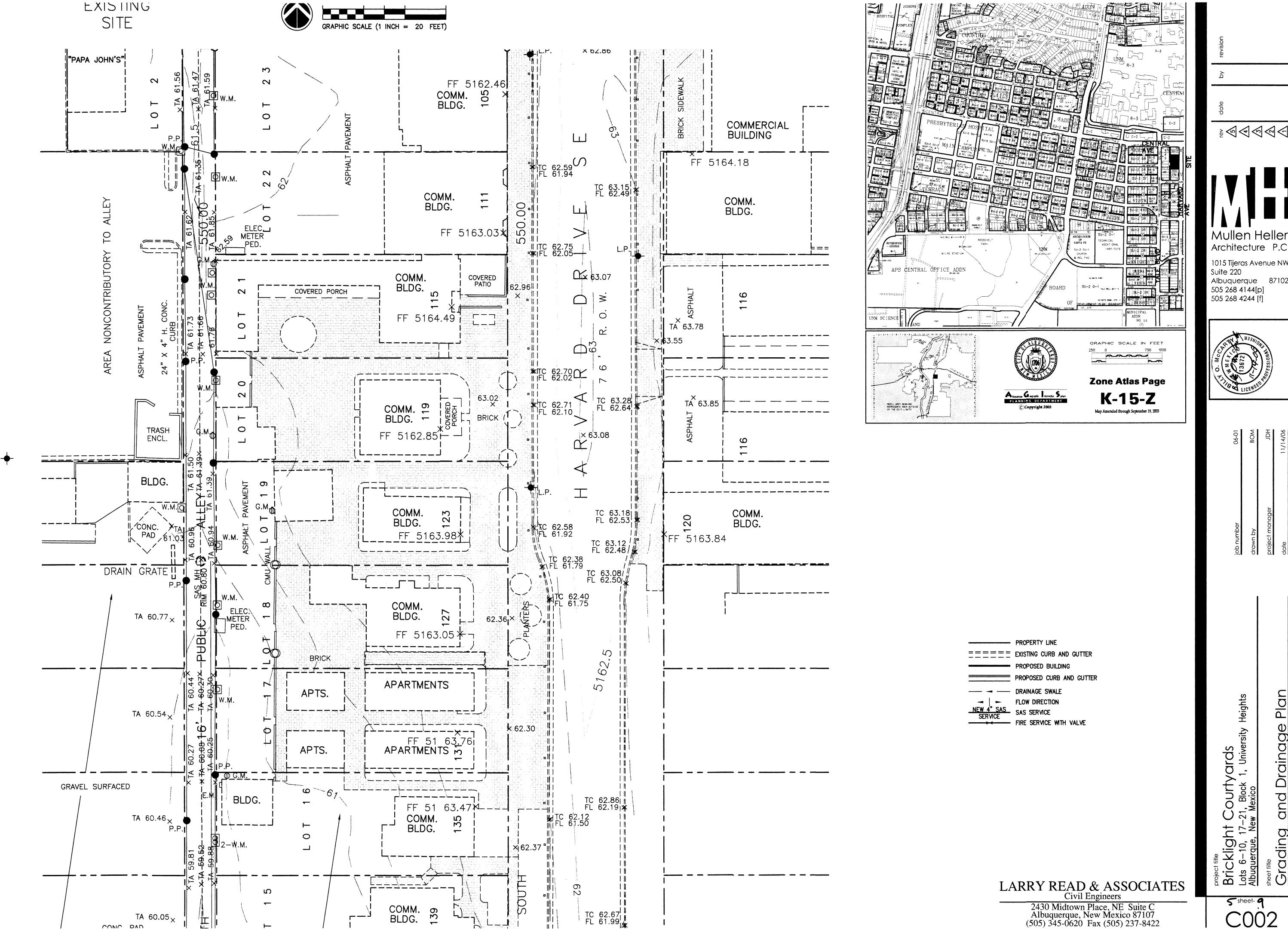
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project manager JDH
date 11/14/06

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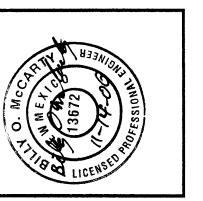
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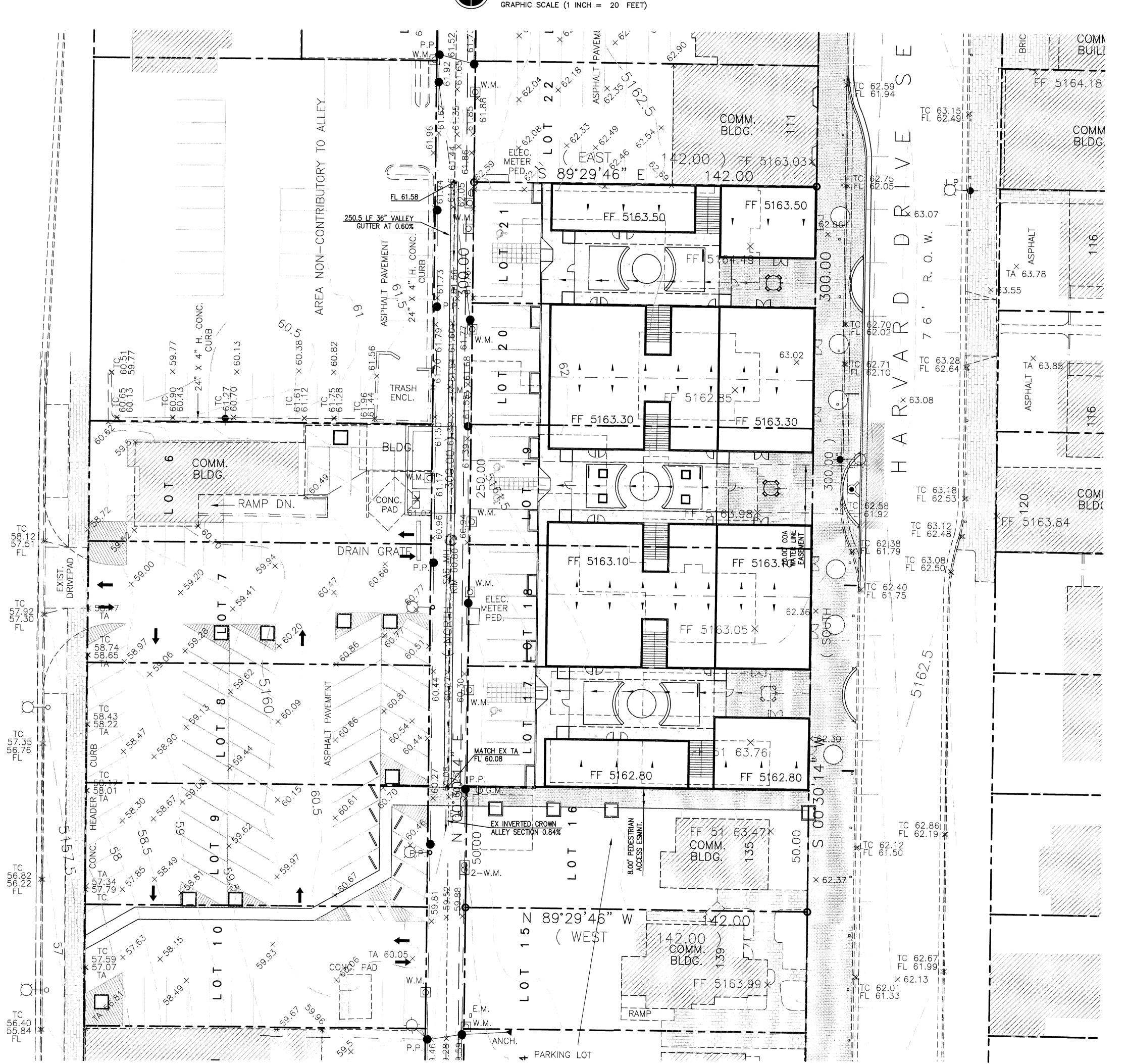
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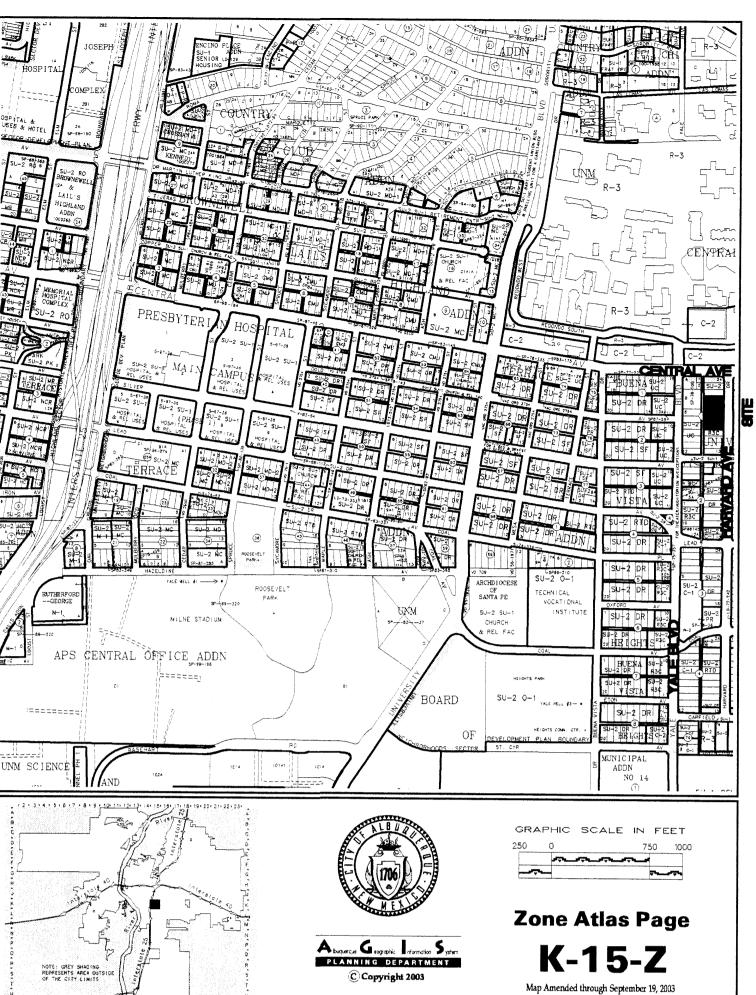


Bricklight Lots 6-10, 17-Albuquerque, Nev



# PROPOSED SITE





PROPERTY LINE

EXISTING CURB AND GUTTER

PROPOSED BUILDING

PROPOSED CURB AND GUTTE

DRAINAGE SWALE

FLOW DIRECTION

NEW 4" SAS

SERVICE

FIRE SERVICE WITH VALVE

LARRY READ & ASSOCIATES
Civil Engineers

2430 Midtown Place, NE Suite C Albuquerque, New Mexico 87107 (505) 345-0620 Fax (505) 237-8422 rev date by revisit  $\frac{5}{3}$ 

Mullen Heller Architecture, P.C.

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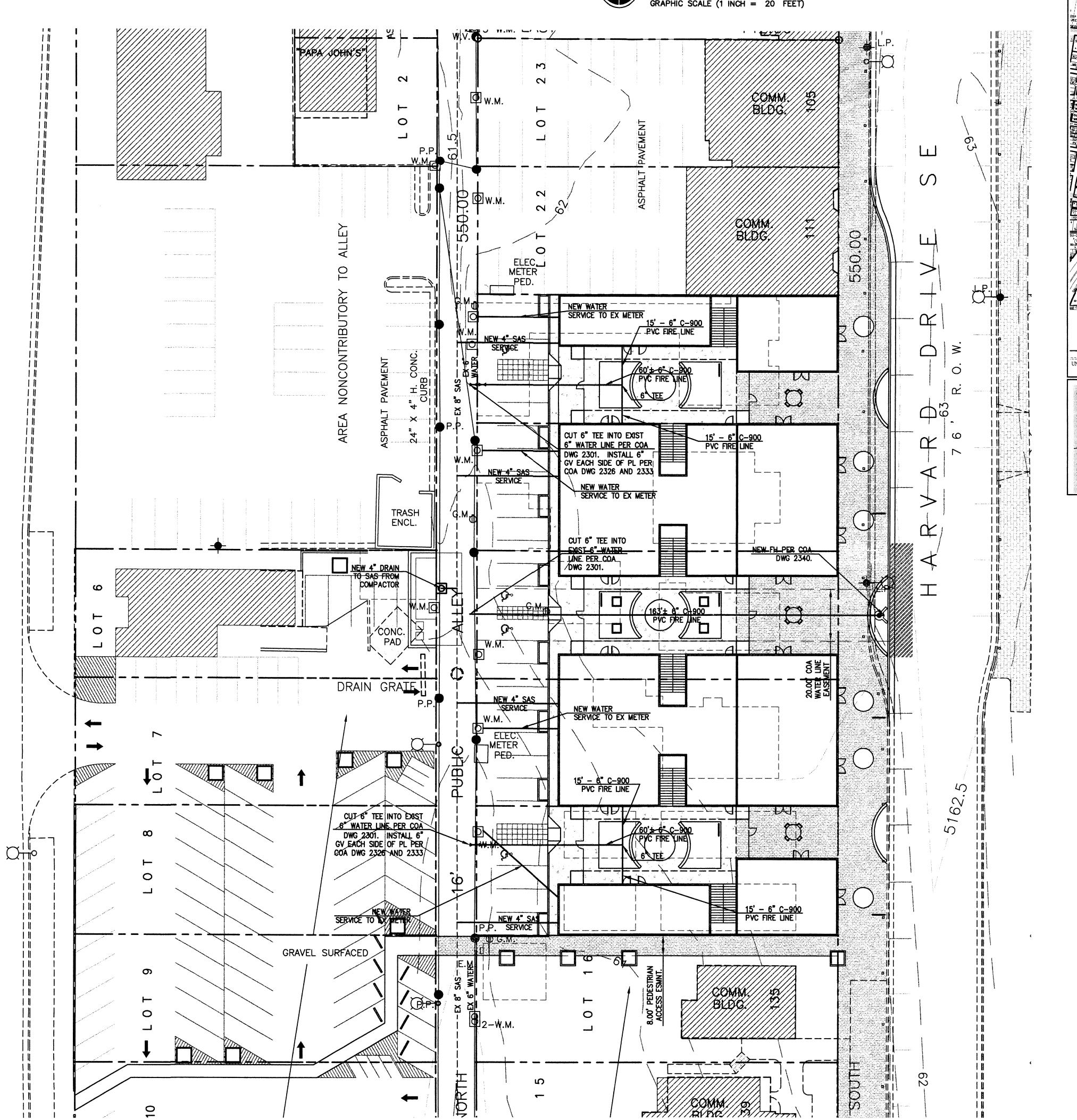
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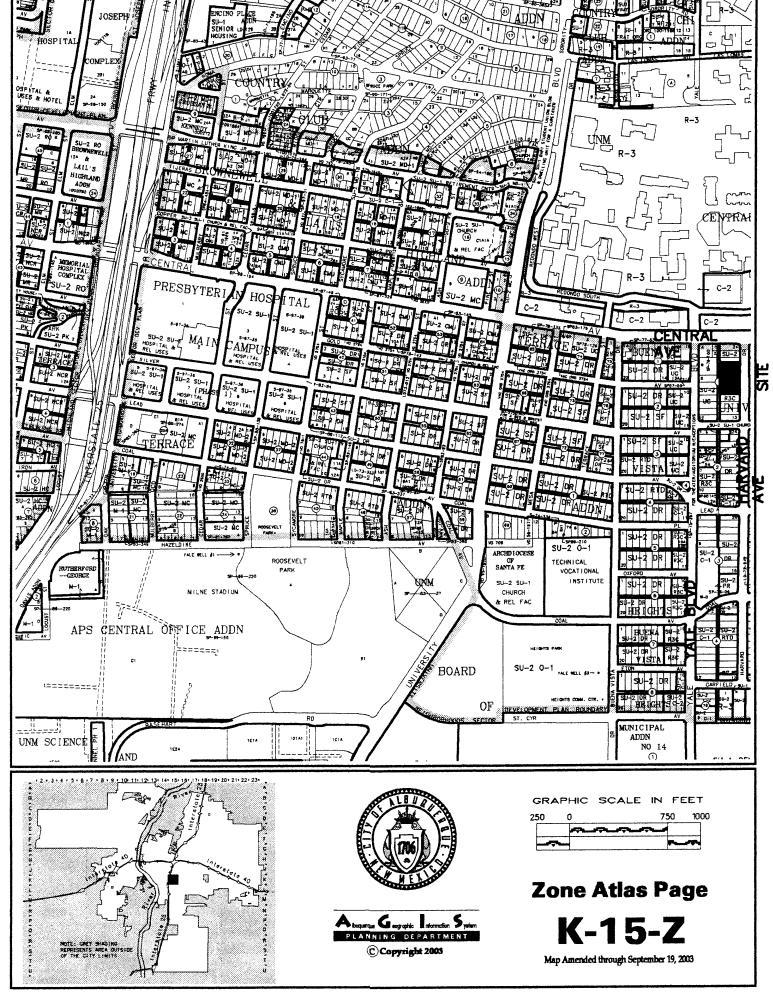
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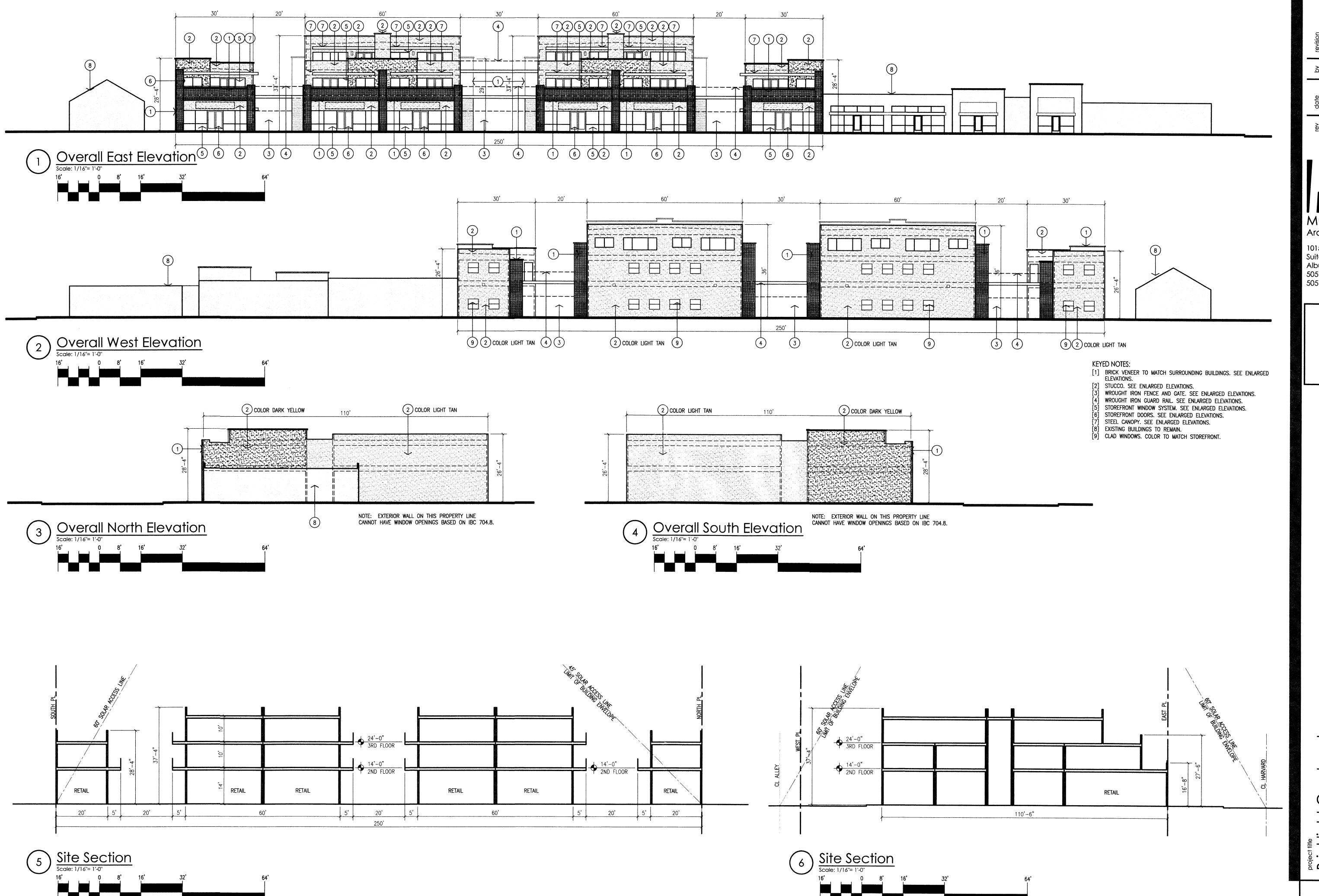
> ===== EXISTING CURB AND GUTTER PROPOSED BUILDING PROPOSED CURB AND GUTTER NEW 4" SAS SERVICE SERVICE

FIRE SERVICE WITH VALVE

LARRY READ & ASSOCIATES
Civil Engineers

2430 Midtown Place, NE Suite C Albuquerque, New Mexico 87107 (505) 345-0620 Fax (505) 237-8422

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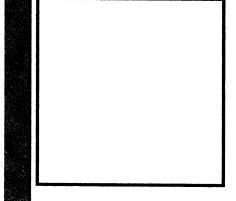
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Suite 220

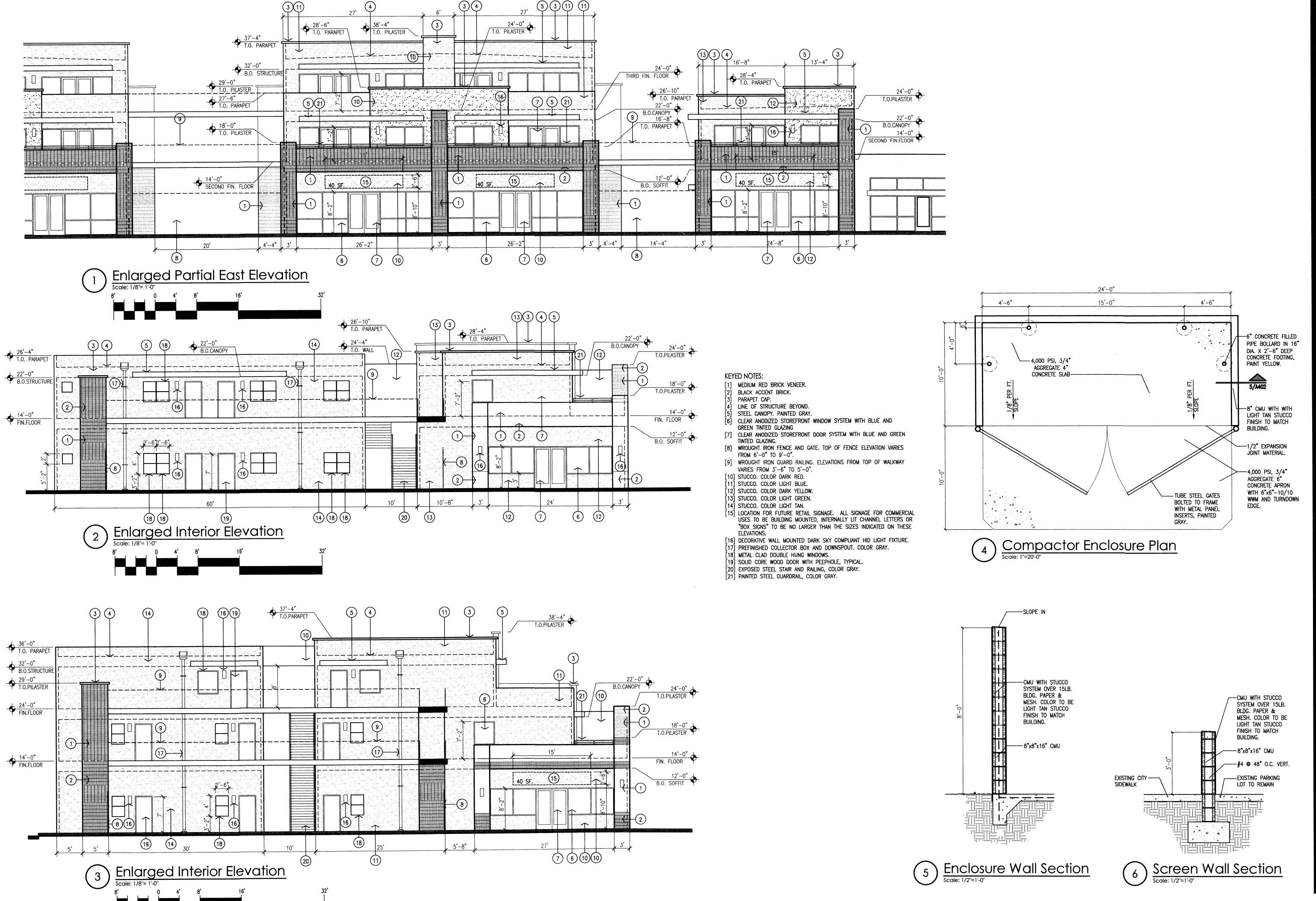
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date 11/14/06

Bricklight Courtyards
Lots 6–10,17–21, Block 1, University Heights
Albuquerque, New Mexico

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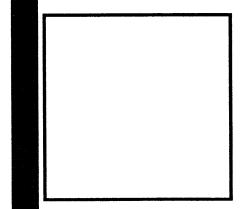


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project manager JDH
date 11/14/06

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