SHEET CI-I

CONCEPTUAL GRADING AND DRAINAGE LEAD AVE. SW CONDOMINIUMS

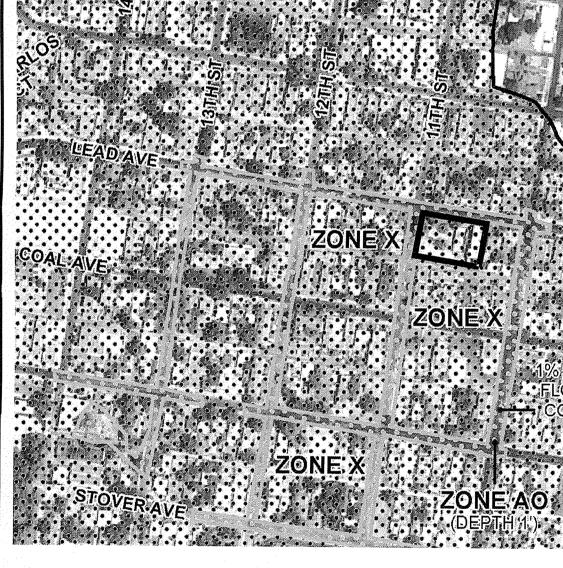
ALBUQUERQUE, NEW MEXICO JUNE, 2014

VICINITY MAP K-13



SITE

FEMA FIRM MAP 333



SITE

GENERAL NOTE

SEE SHEETS C2-2 AND C2-3 FOR ADDITIONAL GRADING DETAILS

LEGAL DESCRIPTION

LOTS 10-A, 11-A & 12-A, BLOCK 33, RAYNOLDS ADDITION

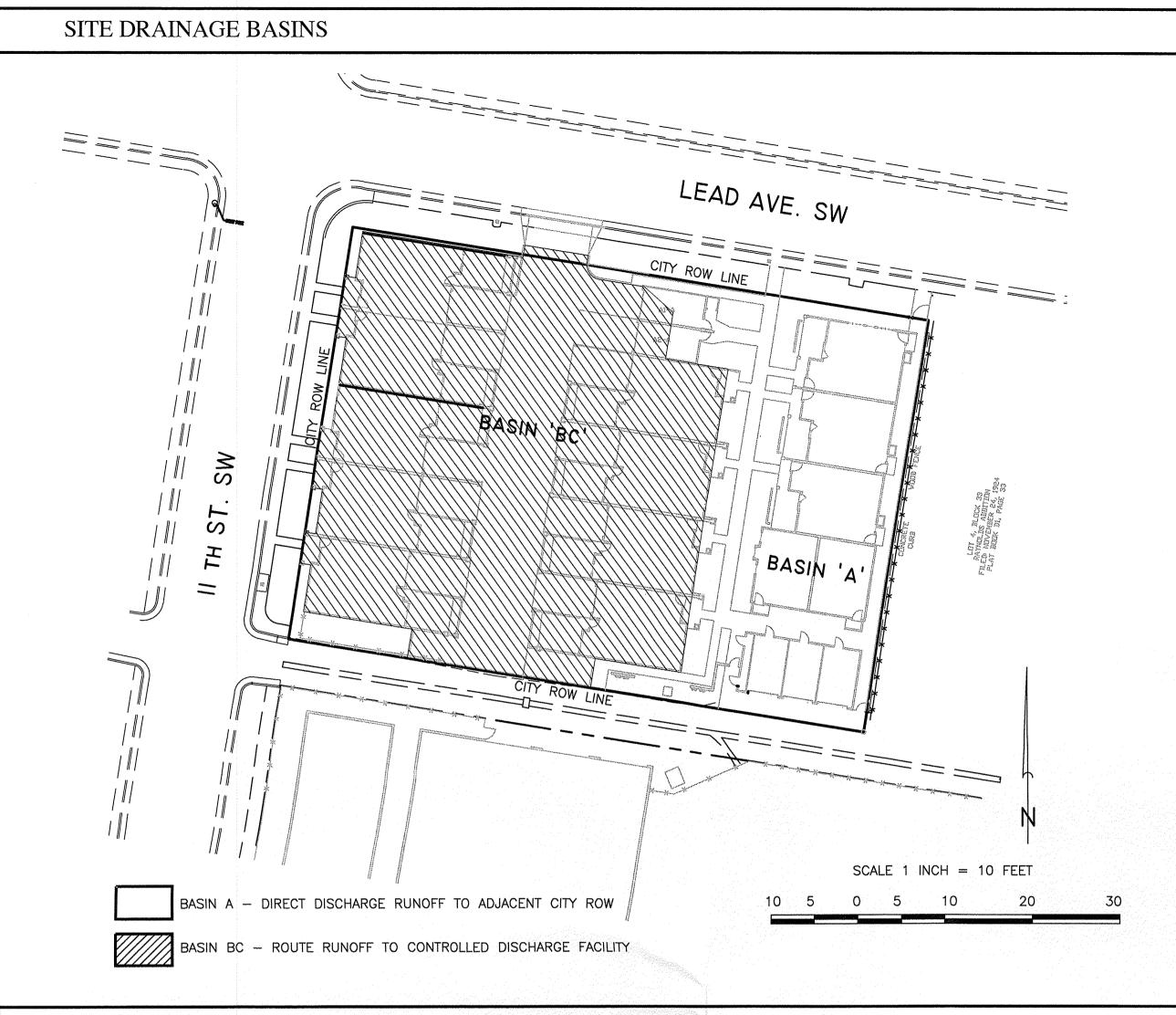
PERMANENT BENCHMARK

COA STATION 6-K13 ELEVATION 4959.622 (NAVD 1988)



CELL(505)480-6812 jakebordenave@comcast.net

SHEET C2-I



DRAINAGE CALCULATIONS

CONDITION B STORM TREATMENT TREATMENT EXCESS PEAK RUNOFF RUNOFF

| | | | IKEATWENT | | EVCEOS | | | KUNOFF |
|--|----|-------------------------------------|-----------|---------|--|----------------------|--|--|
| | 4 | RETURN | TYPE | AREA | PRECIPITATION | RUNOFF | VOLUME | RATE |
| | S | PERIOD | | | ar en | | and the state of t | |
| | 1 | | 11 | | | | | |
| | N | | (table 4) | | (table 8) | (table 9) | | |
| - | - | year | - | sq. ft, | in. | cfs/acre | cu. ft. | cfs |
| EXISTING | S | 10 | A | 28400 | 0.13 | 0.38 | 308 | 0.25 |
| | 1 | | В | 0 | Later the control of | 0.95 | .0 | 0.00 |
| en e | Т | and the | С | 0 | 0.52 | 1.71 | 0 | 0.00 |
| | E | | D | 0 | 1.34 | 3.14 | 0 | 0.00 |
| e care per anna espe | | | TOTAL | 28400 | | | 308 | 0.25 |
| | | 100 | A | 28400 | 0.53 | 1.56 | 1254 | 1.02 |
| | 1 | 15 7/20 | В | Ō | 0.78 | 2.28 | 0 | 0.00 |
| | | | c | 0 | 1.13 | 3.14 | 0 | 0.00 |
| | | | Ď | O | 2000 2000 1000 1000 | 4.7 | O | 0.00 |
| n i kayayaya i kuman yada Tarahaya i kuwa ilikan wasa w | | | TOTAL | 28400 | | anagan Maraga. | 1254 | 1.02 |
| DEVELOPED | 18 | 10 | A | 0 | 0.13 | 0.38 | 0 | 0.00 |
| | 1 | | В | 4026 | | 0.95 | 94 | 0.09 |
| | T | | Č | 0 | Market in the second of the se | 1.71 | 0 | 0.00 |
| | E | | Ď | 24374 | | 3.14 | 2722 | 1.76 |
| | | | TOTAL | 28400 | | | 2816 | 1.84 |
| | | 100 | Ä | | 0.53 | 1.56 | 0 | 0.00 |
| grand and the second | | 100 | A B | 4026 | | 2.28 | 262 | 0.00 |
| | | | C | 4026 | | 3.14 | 0 | 0.00 |
| e produce yet i pyree design | | Securitarian Communication (1971) | Ď. | 24374 | | 4.7 | 4306 | 2.63 |
| er i julije en je raj erakuz | 1 | en en electrica de la competitación | TOTAL | 28400 | In the second control of the control o | 2.1. 111 Sec. 11 200 | 4568 | 2.84 |
| ari, i menerakan di sebesah | 1 | | 10.712 | 20,00 | | | | Service and the service of the servi |
| | A | 100 | Α | 0 | Albania in a mana Chill Talliana a cara a cara a | 1.56 | 0 | 0.00 |
| | | | В | 3729 | 0.78 | 2.28 | 242 | 0.20 |
| | | | С | 0 | 1 | 3.14 | 0 | 0.00 |
| | | | D | 7597 | A SECURE OF A SECU | 4.7 | 1342 | 0.83 |
| and the second | - | | TOTAL | 11326 | | | 1585 | 1.0 |
| | В | 100 | Ä | 0 | Carrier and the contract of th | 1.56 | 0 | 0.00 |
| | C | | В | 297 | 0.78 | 2.28 | 19 | 0.03 |
| | | | С | 0 | 1,13 | 3.14 | 0 | 0.00 |
| | | | D | 16777 | | 4.7 | 2964 | |
| | 1 | | TOTAL | 17074 | | | 2983 | 1.83 |

GRADING NOTES

- 1. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR MUST CONTACT THE NEW MEXICO ONE CALL SYSTEM AT 260-1990 FOR LOCATION OF EXISTING UTILITIES.
- 2. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 3. ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH THE APPLICABLE FEDERAL, STATE AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- 4. ALL CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.

EROSION CONTROL NOTES

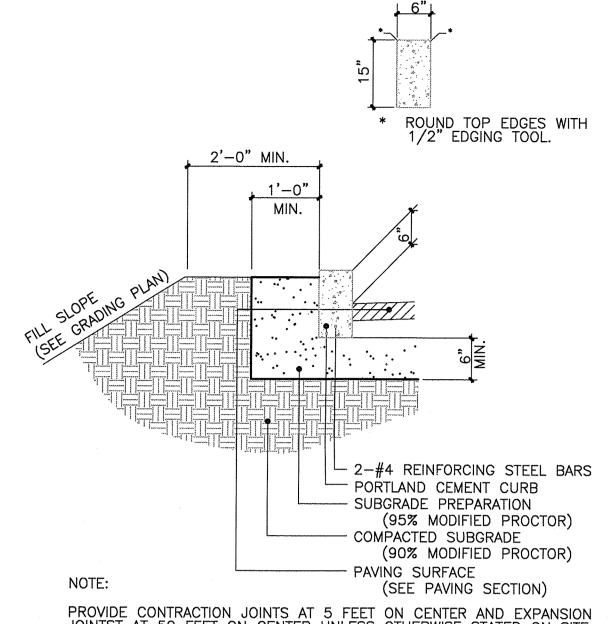
- 1. THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE ONTO PUBLIC RIGHT—OF—WAY OR PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY THE CONSTRUCTION OF TEMPORARY SOIL BERMS OR SILT FENCES AT PROPERTY LINES AND WETTING SOIL TO PREVENT IT FROM BLOWING. IF THE SITE IS CONTROLLED BY A SWPPP PLAN, EROSION CONTROL SHALL BE ACCOMPLISHED ACCORDING TO THE PLAN.
- 2. THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT—OF—WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO BEING WASHED DOWN THE STREET.
- 3. THE CONTRACTOR SHALL SECURE THE APPROPRIATE BARRICADING, TOP SOIL DISTURBANCE AND EXCAVATION PERMITS FROM THE CITY PRIOR TO BEGINNING CONSTRUCTION.

DRAINAGE NOTES

- 1. THE SITE WAS PREVIOUSLY DEVELOPED. ALL BUT ONE OF THE EXISTING STRUCTURES HAVE BEEN RAZED. THE REMAINING STRUCTURE (BUILDING A) HAS BEEN COMPLETELY REMODELED. THE BALANCE OF THE SITE IS VACANT. THE PRIVATE PROPERTY IS LOCATED IN ZONE 'X' AND THE STREETS (LEAD AVE. AND 11th ST. ARE IN DESIGNATED FLOOD HAZARD AREA (AO LESS THAN 1 FOOT) PER FEMA FIRM MAP 333H DATED AUGUST, 2012.
- 2. THE SITE IS LOCATED IN RAINFALL ZONE 2. DUE TO INADEQUATE STORM DRAINAGE FACILITIES IN THE AREA THE SITE HAS AN ALLOWABLE PEAK DISCHARGE RATE OF 2.75 CFS/ACRE. THE EXCESS FLOW WILL BE DETAINED IN AN UNDERGROUND STORAGE STRUCTURE WHICH WILL BE PUMPED DRY AS THE STORM ABATES.
- ALL RUNOFF FROM BASIN A WILL BE DIRECTLY DISCHARGED TO THE ALLEY. THE RUNOFF FROM BASIN BC WILL BE ROUTED TO AN UNDERGROUND STORAGE FACILITY AND PUMPED TO THE ALLEY AT A REDUCED FLOW RATE.
- FLOW TO THE UNDERGROUND STORAGE WILL ROUTED THROUGH A WATER QUALITY CATCH BASIN ON THE INLET SIDE OF THE STORAGE FACILITY.
- DISCHARGE FROM THE UNDERGROUND STORAGE WILL BE PROVIDED BY A DUAL SUBMERSIBLE PUMP SYSTEM. THE PUMPS AND CONTROLS AS WELL AS THE INLET TO THE UNDERGROUND STORAGE WILL BE LOCATED IN A MANHOLE AT THE SOUTH END OF THE DRIVE AISLE.
- AN EMERGENCY SPILLWAY THROUGH THE CURB WILL BE PROVIDED FROM THE DRIVE AISLE TO THE ALLEY.
- ALL LANDSCAPE AREAS WILL BE DEPRESSED TO PROVIDE LOW FLOW STORAGE. THIS STORAGE WILL NOT BE CONSIDERED EFFECTIVE IN THE FLOW REDUCTION CALCULATIONS.
- 4. TOPO SURVEY DATA SHOWN ON THIS DRAWING WAS OBTAINED BY HARRIS SURVEYING, INC. DATED OCTOBER, 2013.

UNDERGROUND DETENTION STRUCTURE

HEADER CURB

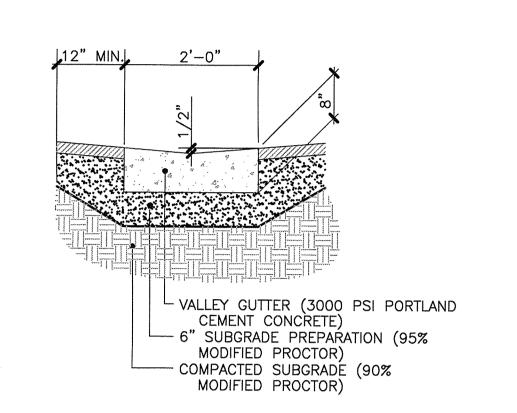


PROVIDE CONTRACTION JOINTS AT 5 FEET ON CENTER AND EXPANSION JOINTST AT 50 FEET ON CENTER UNLESS OTHERWISE STATED ON SITE PLANS OR IF CURB ABUTS SIDEWALK; WHERE CURB JOINTS SHALL MATCH SIDEWALK JOINTS.

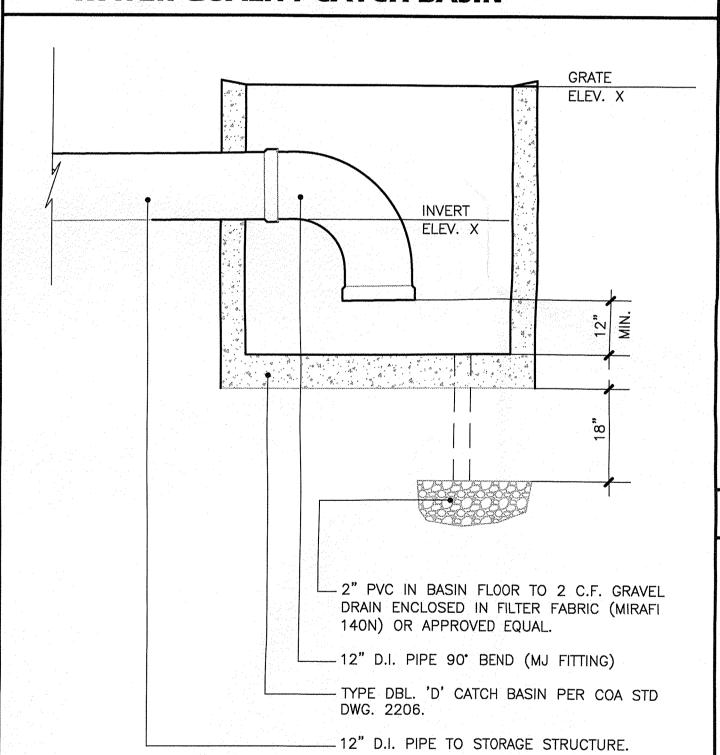
SITE DETAILS & DRAINAGE DATA LEAD AVE. SW CONDOMINIUMS

ALBUQUERQUE, NEW MEXICO JUNE, 2014

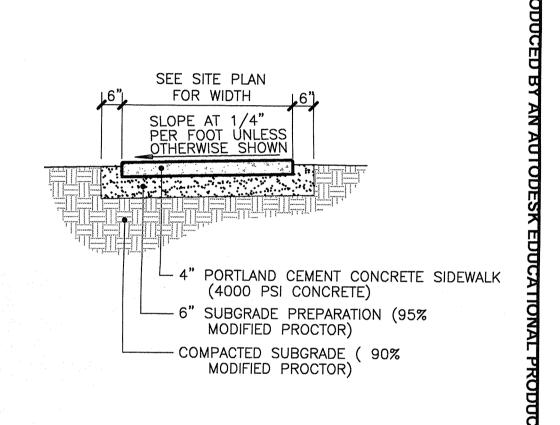
VALLEY GUTTER



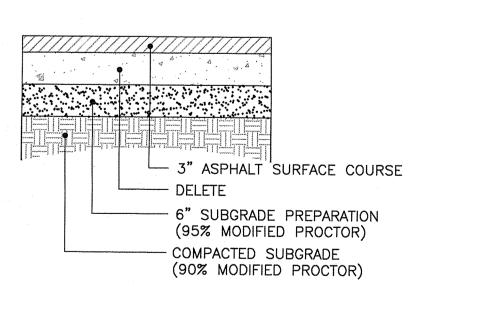
WATER QUALITY CATCH BASIN



SIDEWALK



ASPHALT PAVEMENT (LIGHT DUTY)



NOTES:

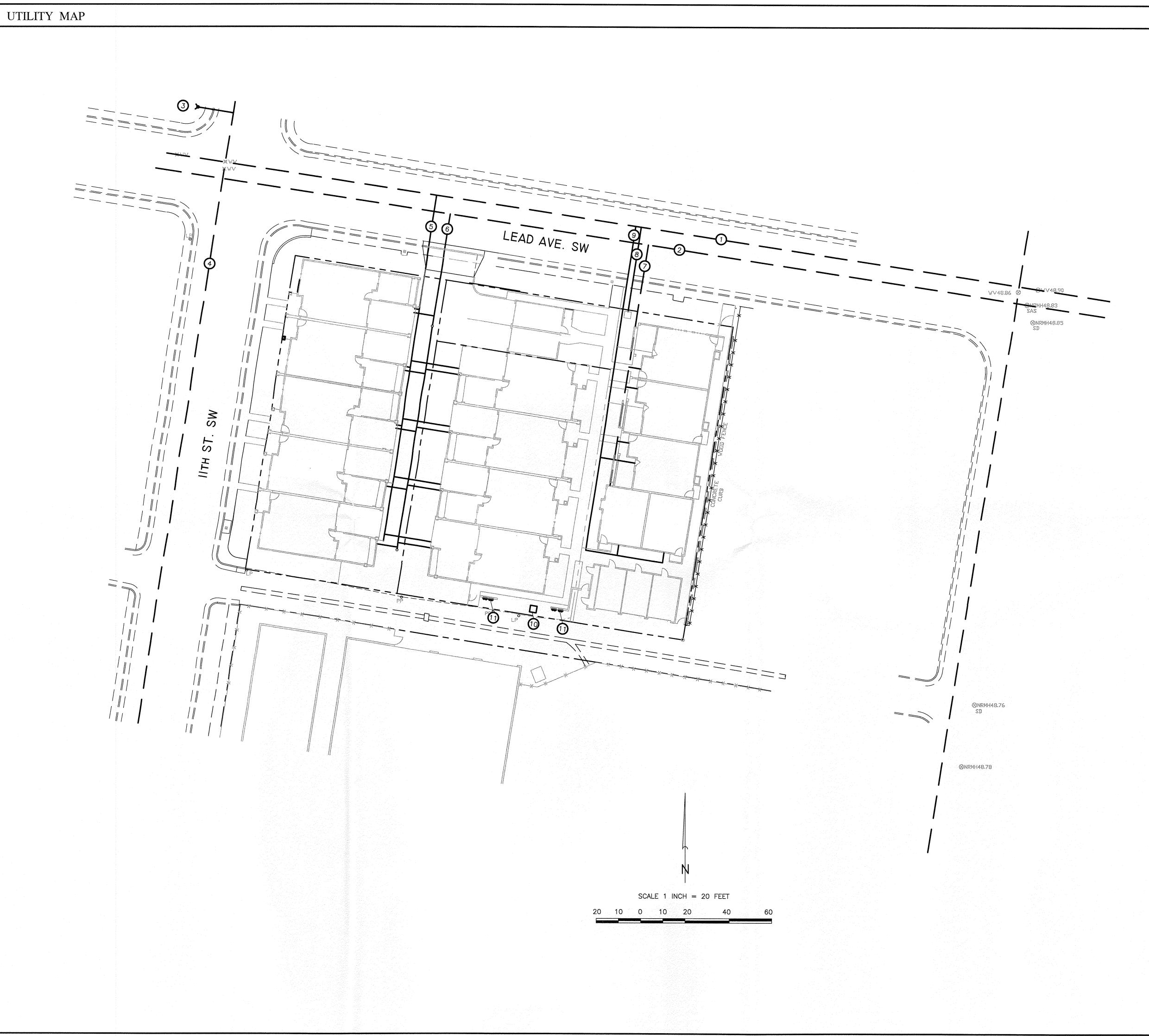
- 1. ASPHALT MIX DESIGN TO USE CITY OF ALBUQUERQUE AGGREGATE CLASS TYPE 'C' AND HAVE A MARSHALL STABILITY GREATER THAN 1800 LBS.
- 2. ASPHALT CONCRETE COURSES GREATER THAN 3" IN THICKNESS SHALL BE PLACED WITH MULTIPLE LIFTS. MINIMUM LIFT THICKNESS SHALL BE 1 1/2".



BORDENAVE DESIGNS

P.O. BOX 91194, ALBUQUERQUE, NM 87199-1194 OFFICE(505)823-1344 FAX (505)821-9105 CELL(505)480-6812 jakebordenave@comcast.net

SHEET C2-3



CONCEPTUAL UTILITIES 1010 LEAD SW CONDOMINIUMS

ALBUQUERQUE, NEW MEXICO JUNE, 2014

SITE UTILITY NOTES

- 1. WATER, SANITARY SEWER, STORM DRAIN, POWER, GAS AND COMMUNICATIONS ARE AVAILABLE TO THE SIGHT AT IT'S PERIMETER. OFFSITE CONSTRUCTION IS LIMITED TO SERVICE
- 2. COORDINATION OF UTILITY SERVICES MAY BE MADE THROUGH THE FOLLOWING:

 WATER AND SANITARY SEWER ABCWUA
 POWER PUBLIC SERVICE CO. OF NEW MEXICO
 GAS NEW MEXICO GAS CO.
 TELEPHONE CENTURY LINK
 CABLE COMCAST
- 3. A BLANKET DRY UTILITY (POWER, COMMUNICATIONS, GAS & CABLE TV) EASEMENT IS ESTABLISHED FOR THE ENTIRE PROJECT BY THE PLAT.
- 4. DEFINED EASEMENTS FOR PRIVATE WET UTILITY (WATER & SANITARY SEWER) ARE DEFINED ON THE PLAT.
- 5. FIRE SUPPRESSION SYSTEMS IN THE DWELLING UNITS ARE INCORPORATED INTO THE WATER SERVICE SYSTEM.

KEYED NOTES

- 1. EXISTING 14" WATER LINE
- 2. EXISTING 8" V.C.P. SANITARY SEWER LINE.
- EXISTING FIRE HYDRANT (415 FEET FROM SOUTHEAST CORNER OF SITE.
- 4. EXISTING 6" C.I. WATERLINE.
- 5. NEW 9 3/4" WATER METERS AND SERVICE LINES FOR BUILDINGS B AND C.
- NEW 4" SANITARY SEWER SERVICE w/ CLEAN—OUTS AND 4" SERVICE LATERALS FOR BUILDINGS B AND C.
- 7. EXISTING 4" SANITARY SEWER SERVICE w/ NEW 4" SERVICE LATERALS.
- 8. NEW 3/4" WATER METER FOR LANDSCAPE IRRIGATION FOR ENTIRE PROJECT.
- 9. NEW 5 3/4" WATER METERS AND SERVICE LINES FOR
- 10. POWER TRANSFORMER

BUILDING A.

11. ELECTRIC METERS ON 8" CMU WALL.

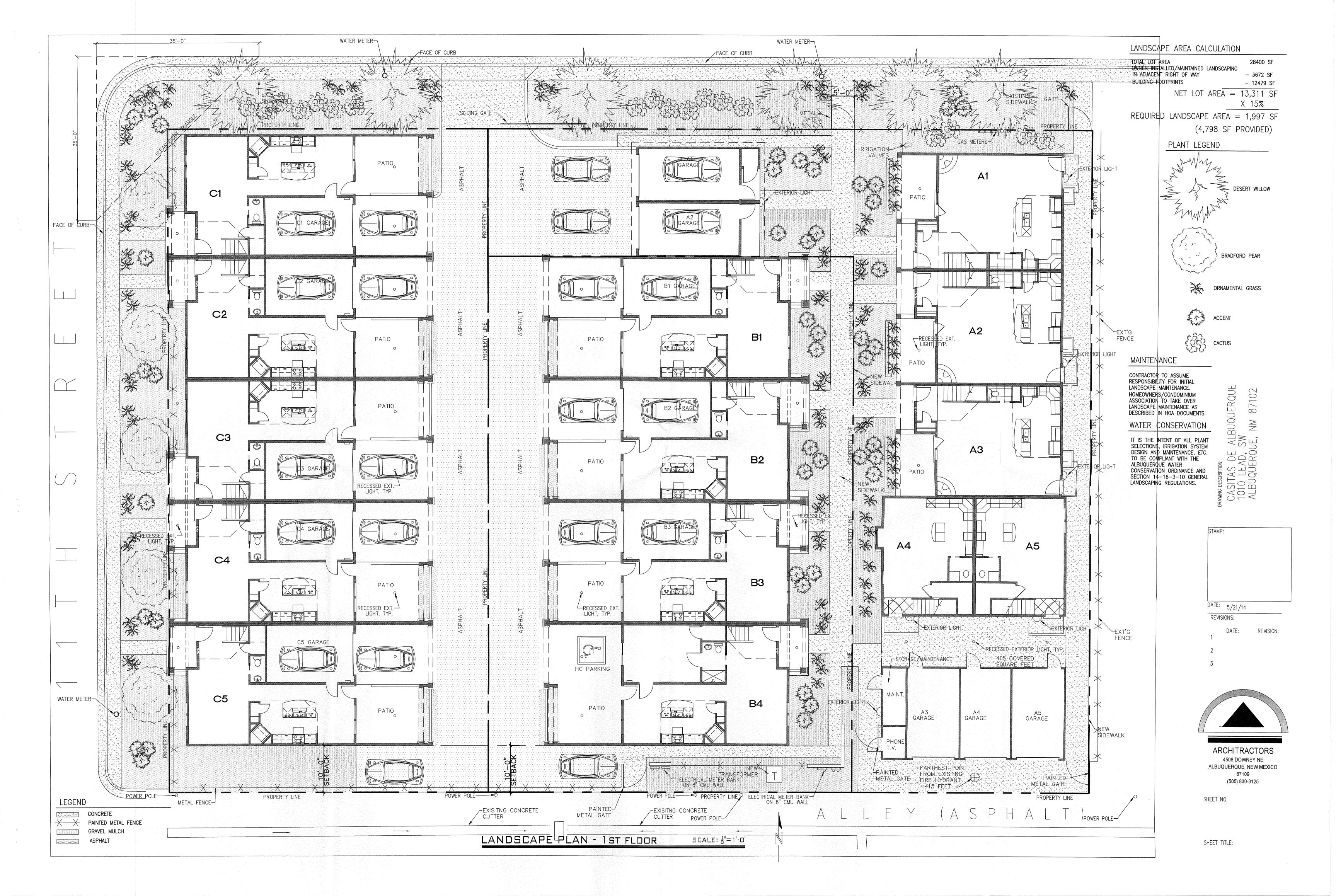


BORDENAVE DESIGNS

P.O. BOX 91194, ALBUQUERQUE, NM 87199-1194

OFFICE(505)823-1344 FAX (505)821-9105

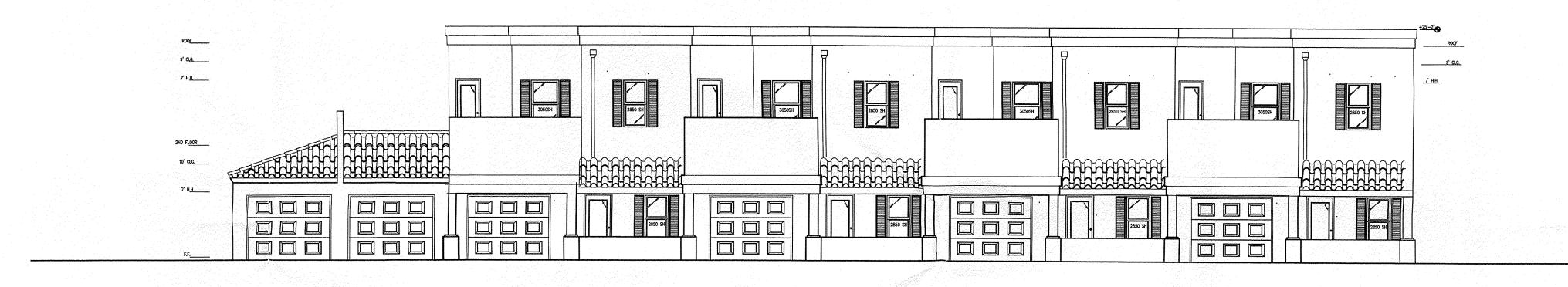
CELL(505)480-6812 jakebordenave@comcast.net



EAST ELEVATION

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

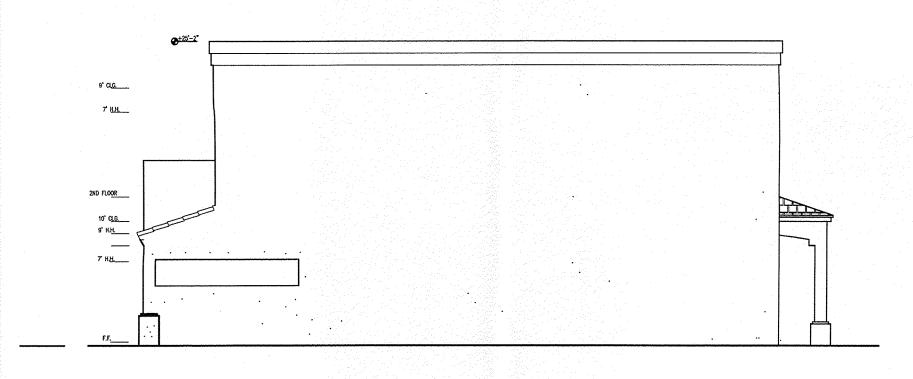
BUILDING B (BUILDING C WEST ELEVATION SIM.)



WEST ELEVATION

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

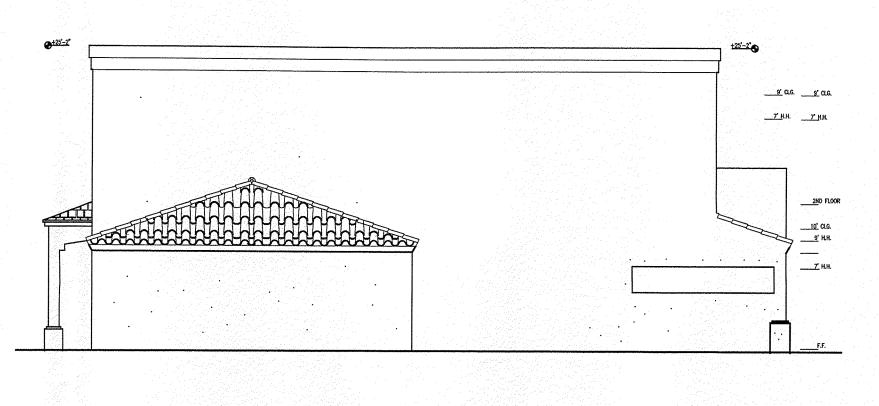
BUILDING B (BUILDING C EAST ELEVATION SIM.)



SOUTH ELEVATION

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

BUILDING B (BUILDING C SIM.)



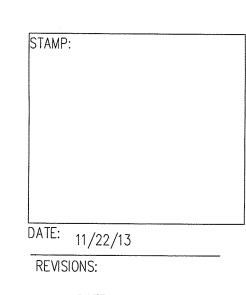
NORTH ELEVATION

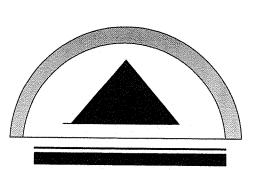
SCALE: 1/8"=1'-0"

BUILDING B (BUILDING C SIM.) NOTICE: THE DESIGN AND INTENT OF ALL INFORMATION ATTACHED TO THE PLANS THE PROPERTY OF THE ARCHITECT. THE USE OR COPYING OF THESE DRAWINGS IS NOT PERMITTED WITHOUT THE WRITTEN PERMISSION OF THE ARCHITECT, DAVID GREEN. COPYRIGHT PENDING

DRAWING DESCRIPTION:

CASITAS DE ALBUQUERQUE
1010 LEAD, SW
ALBUQUERQUE, NM 87102

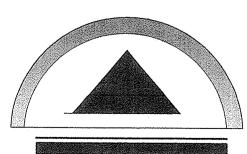




ARCHITRACTORS 4508 DOWNEY NE ALBUQUERQUE, NEW MEXICO (505) 830-3125

SHEET NO.

SHEET TITLE:



ARCHITRACTORS

4508 DOWNEY NE
ALBUQUERQUE, NEW MEXICO
87109
(505) 830-3125

SHEET NO.

SHEET TITLE: , ELEVATIONS

LIGHT TAN STUCCO . LIGHT . TAN · STUCCO LIGHT OLIVE STUCCO · LIGHT OLIVE STUCCO: LIGHT, OLIVE STUCCO LIGHT OLIVE STUCCO. NOTE:
BUILDING CONSTRUCTED OF WOOD FRAME AND STUCCO

WEST ELEVATION

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

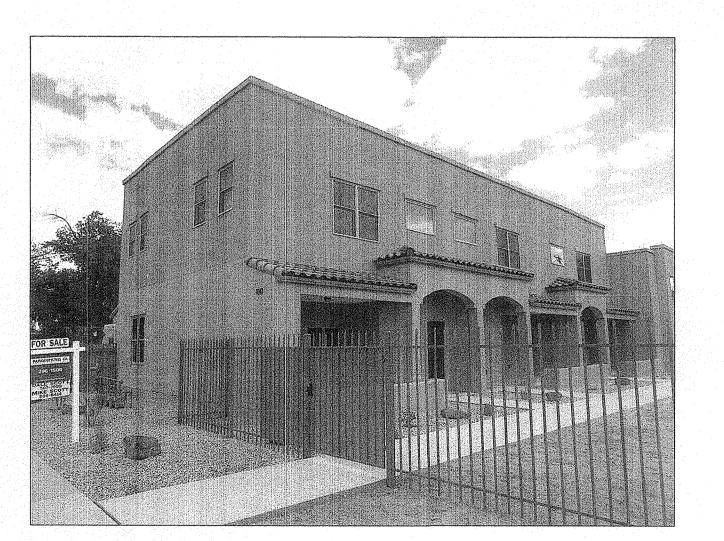
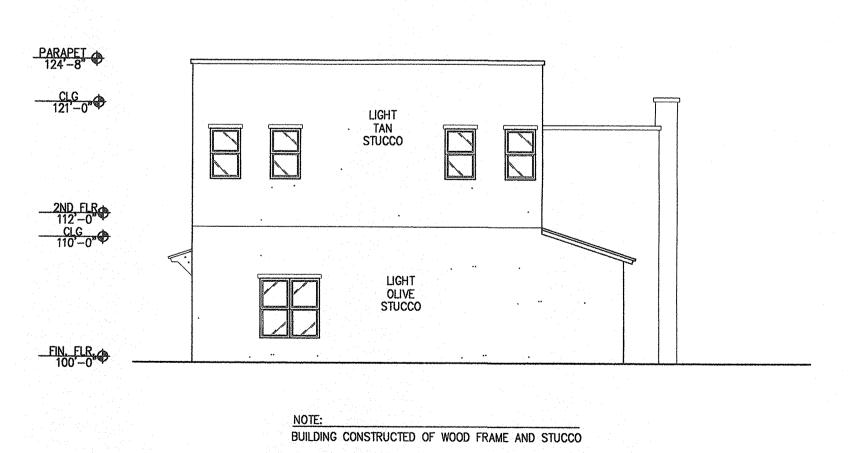
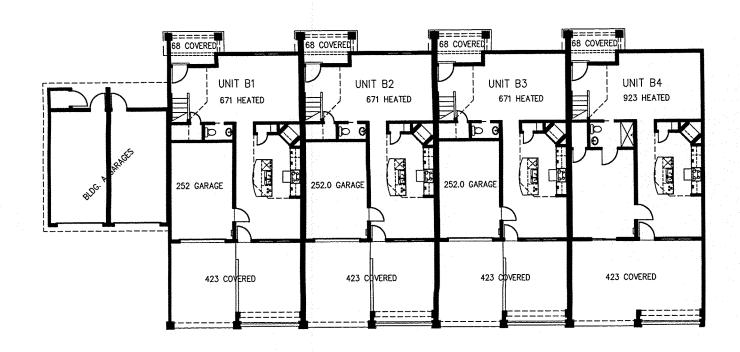


PHOTO - BUILDING A



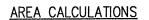
NORTH ELEVATION

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

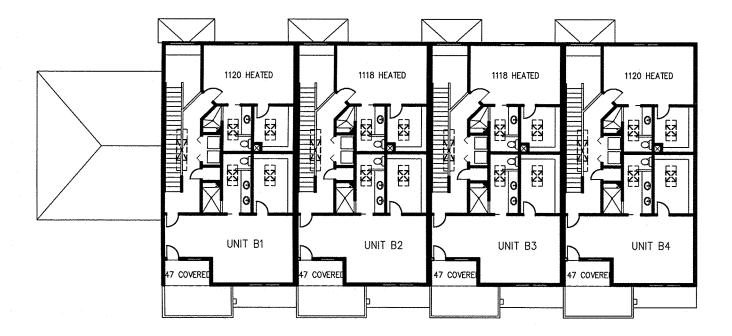


FIRST FLOOR PLAN

BUILDING B



| UNIT B1 | | UNIT B2 | | UNIT B3 | |
|-------------------|--------------|-------------------|--------------|-------------------|--------------|
| HEATED AREA: | | HEATED AREA: | | HEATED AREA: | |
| DOWNSTAIRS: | 671 SQ. FT. | DOWNSTAIRS: | 671 SQ. FT. | DOWNSTAIRS: | 671 SQ. FT. |
| UPSTAIRS: | 1120 SQ. FT. | UPSTAIRS: | 1120 SQ. FT. | UPSTAIRS: | 1120 SQ. FT. |
| TOTAL HEATED: | 1791 SQ. FT. | TOTAL HEATED: | 1791 SQ. FT. | TOTAL HEATED: | 1791 SQ. FT. |
| COVERED AREA: | | COVERED AREA: | | COVERED AREA: | |
| COVERED ENTRY | 68 SQ. FT. | COVERED ENTRY | 68 SQ. FT. | COVERED ENTRY | 68 SQ. FT. |
| COVERED ROOF DECK | 47 SQ. FT. | COVERED ROOF DECK | 47 SQ. FT. | COVERED ROOF DECK | 47 SQ. FT. |
| CARPORT & PATIO | 423 SQ. FT. | CARPORT & PATIO | 423 SQ. FT. | CARPORT & PATIO | 423 SQ. FT. |
| TOTAL | 538 SQ. FT. | TOTAL | 538 SQ. FT. | TOTAL | 538 SQ. FT. |
| UNHEATED AREA: | | UNHEATED AREA: | | UNHEATED AREA: | |
| GARAGE | 252 SQ. FT. | GARAGE | 252 SQ. FT. | GARAGE | 252 SQ. FT. |



SECOND FLOOR PLAN

BUILDING B

| HEATED AREA: | | UNI |
|--------------|-------------|------------|
| DOWNSTAIRS: | 923 SQ. FT. | B 1 |

538 SQ. FT.

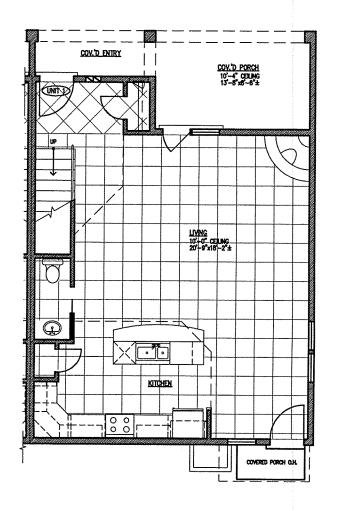
| DUMNSTAIRS: | 323 3Q. F1. | | |
|-------------------|--------------|--|--|
| UPSTAIRS: | 1120 SQ. FT. | | |
| TOTAL HEATED: | 2043 SQ. FT. | | |
| COVERED AREA: | | | |
| COVERED ENTRY | 68 SQ. FT. | | |
| COVERED ROOF DECK | 47 SQ. FT. | | |
| CARPORT & PATIO | 423 SQ. FT. | | |

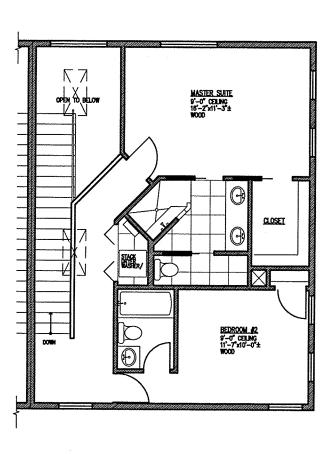
UNIT B4

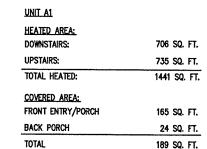
TOTAL

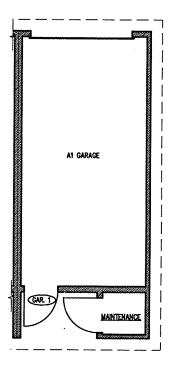
BUILDING B TOTALS

| UNIT: | HEATED AREA: | UNHEATED AREA: | COVERED AREA: |
|-----------|--------------|----------------|---------------|
| B1 | 1791 SQ. FT. | 252 SQ. FT. | 538 SQ. FT. |
| B2 | 1791 SQ. FT. | 252 SQ. FT. | 538 SQ. FT. |
| B3 | 1791 SQ. FT. | 252 SQ. FT. | 538 SQ. FT. |
| B4 | 2043 SQ. FT. | | 538 SQ. FT. |
| TOTAL | 7416 SQ. FT. | 756 SQ. FT. | 2152 SQ. FT. |









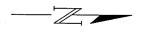
UNIT A1

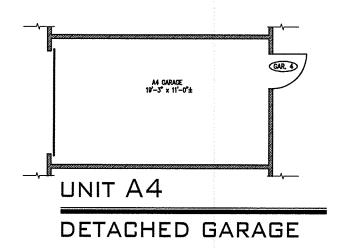
FIRST FLOOR PLAN

UNIT A 1
SECOND FLOOR PLAN

UNIT A1

DETACHED GARAGE





| UNII AS | |
|---------------|--------------|
| HEATED AREA: | |
| DOWNSTAIRS: | 487 SQ. FT. |
| UPSTAIRS: | 524 SQ. FT. |
| TOTAL HEATED: | 1011 SQ. FT. |
| COVERED AREA: | |
| COVERED ENTRY | 200 SQ. FT. |
| ROOF DECK | 200 SQ. FT. |
| | |

