WINROCK

0 C-202

BEING A REPLAT

and

C-2A1

SUBDIVISION

Z Z

SUBDIVISION

and C-2A1 **PARCEL** WINROCK

ACS CONTROL STAT FOUND 3 1/4" ALUI N.M. STATE PLANE X=1,545,048.210 Y CENTRAL ZONE N MAPPING ANGLE = GRID TO GROUND =

N 0.18,00, E⟩

2 0.53,52, E

- Z

Plotted: 3/31/2014 7:57:50 AM, By:Eddings, Scott G:\Pro|/17093301\Dave & Busters\Survey\KIM\RePlat\_C2A\_r01.dwg Last Saved:3/31/2014 7:57:40 AM, seddings

Plotted: 3/31/2014 10:20:33 AM, By:Stetzer, Klim G:\Prof/17093301\Dave & Busters\Survey\KIM\RePtet\_C2A.dwg Last Saved:3/31/2014 10:20:09 AM, tratelzer

Plotted: 3/31/2014 7:58:06 AM, By:Eddings, Scott G:\Proj\17093301\Dave & Busters\Survey\KIM\RePlat\_C2A\_r\01.dwg Last Saved:3/31/2014 7:57:57 AM, seddings

# SUBDIVISION PLAT C-2A1 and and

# WINROCK **PARCEL ADDITION** -2A2

the southeasterly corner of said Parcel C—2A; thence, ng the southerly line of said ParcelC—2A, 41.01 feet to the Easement here in described:

APPROVED ACCESS POINTS PER PREVIOUS SITE DEVELOPMENT PLAN FOR

BOUNDARIES FOR THE SU-3 AREAS AS AGREED TO WITH THE PLANNING DIRECTOR.

WINROCK MANAGEMENT SHALL PROVIDE SUFFICIENT ON-SITE SECURITY

TENANT LOCATIONS AS WELL AS TO PROJECT EXITS.

SUBDIVISION. ACCESS POINTS TO BE DEVELOPED IN CONJUNCTION WITH FUTURE

CENTER SHALL OCCUR AT THE END OF SITE AND BUILDING CONSTRUCTION WITH INDIVIDUAL LOT

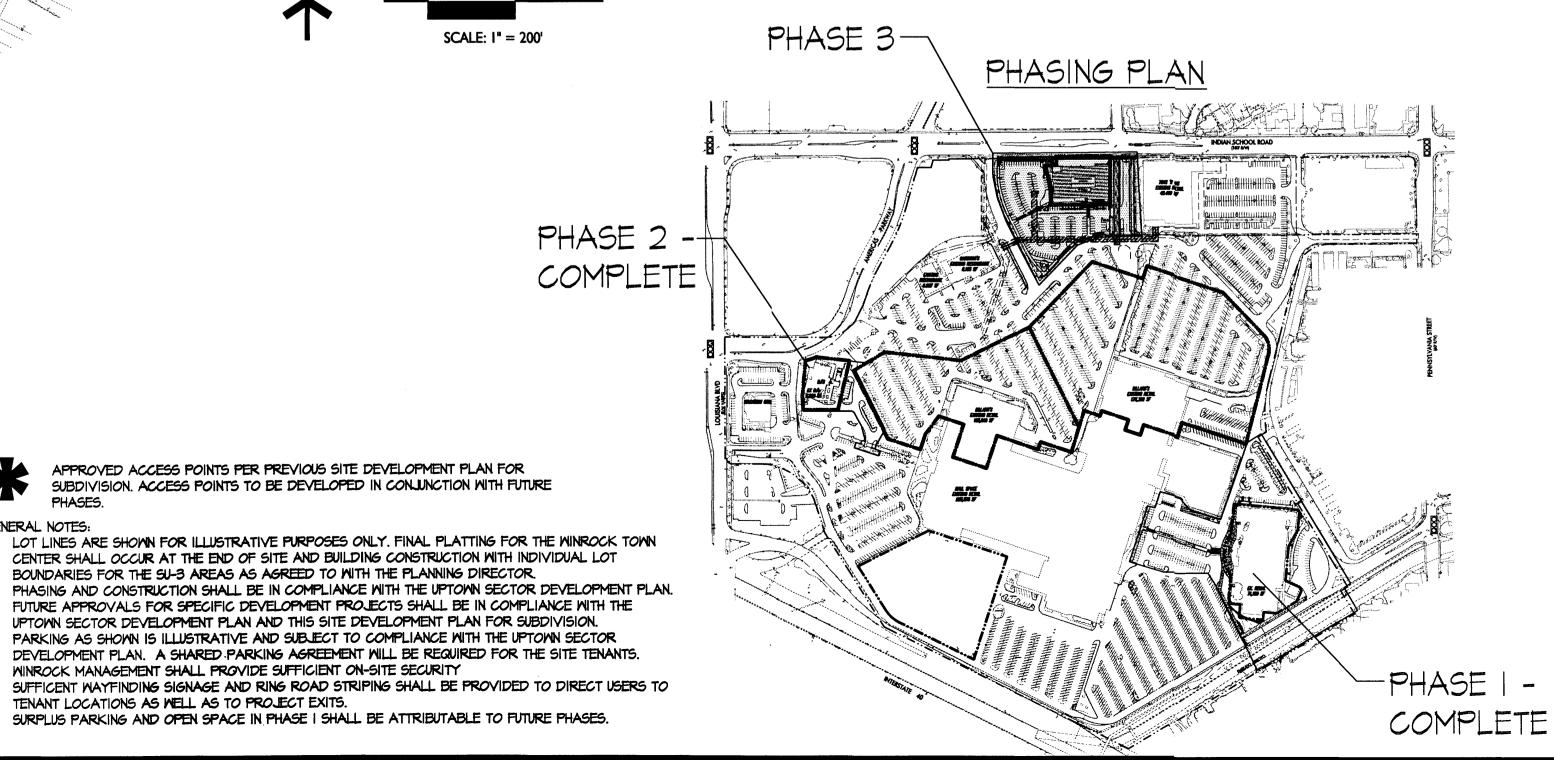
FUTURE APPROVALS FOR SPECIFIC DEVELOPMENT PROJECTS SHALL BE IN COMPLIANCE WITH THE UPTOWN SECTOR DEVELOPMENT PLAN AND THIS SITE DEVELOPMENT PLAN FOR SUBDIVISION.

PARKING AS SHOWN IS ILLUSTRATIVE AND SUBJECT TO COMPLIANCE WITH THE UPTOWN SECTOR DEVELOPMENT PLAN. A SHARED PARKING AGREEMENT WILL BE REQUIRED FOR THE SITE TENANTS.

7. SURPLUS PARKING AND OPEN SPACE IN PHASE I SHALL BE ATTRIBUTABLE TO FUTURE PHASES.

PROJECT NUMBER: 1002202 APPLICATION NUMBER \_\_\_\_\_ IS AN INFRASTRUCTURE LIST REQUIRED? ( ) YES ( x ) 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 DRB SITE DEVELOPMENT PLAN APPROVAL: TRAFFIC ENGINEERING, TRANSPORTATION DIVISION DATE ABCMUA DATE PARKS AND RECREATION DEPARTMENT DATE CITY ENGINEER DATE ENVIRONMENTAL HEALTH DEPARTMENT (CONDITIONAL) DATE SOLID WASTE MANAGEMENT DATE DRB CHAIRPERSON, PLANNING DEPARTMENT DATE

8.	APRIL 6, 2014 DRB # REPLAT PARCEL C-2A INTO C-2A1 AND C-2A2
٦.	NOVEMBER 13, 2013 DRB #13-70696 REPLAT PARCEL A-I-A-I-A AND E-I INTO A-I-A-I-A-I AND E-I-A
6.	OCTOBER 2, 2013  DRB #13-70670 AND DRB #13-70671 TO AMEND DEVELOPMENT OF TRACT C-2A. PHASING MAP REVISED TO REFLECT DRB#13-70484.
5.	MAR. 27, 2013  DRB #13-70488 AND 70489 DIVIDING TRACT A-I-A-I TO CREATE TRACT A-I-A-I-B AND RENAME BALANCE AS A-I-A-I-A. PHASING KEY MAP REVISED TO REFLECT 8-2-12 ADMIN AMENDMENT.
4.	FEB. 25, 2013  ADMIN. AMENDMENT 13-10179 REVISING DRIVE AISLE AND LANDSCAPING FOR THEATER (NO SUBDIVISION EFFECT)
3.	SEPT. 26, 2012 EXISTING TRACT A-I-A DIVIDED INTO A-I-A-I AND A-I-A-2 TO PROVIDE FOR BJ'S RESTAURANT (SHOWN PREVIOUSLY AS PHASE 2).
2.	AUG. 2, 2012 ADMINISTRATIVE AMENDMENT APPROVED REVISING BUILDING LOCATION FOR CINEMA AND REVISING PHASING LOCATIONS.
۱.	MAY 9, 2012 SITE PLAN APPLICATION NO. 12-70106. PROPOSES TO CREATE 6 NEW "LOTS AND DESCRIBES THEN-CURRENT PHASING.



SITE PLAN AMENDMENT FOR SUBDIVISION PUPRPOSES

WINROCK CENTER ADDITION

TO REPLAT OF PARCEL C-2A INTO PARCEL C-2AI AND C-2A2 WINROCK CENTER ADDITION SECTION 18, T. ION., R. 4.E., N.M.P.M.

CITY OF ALBUQUERQUE BERNALILLO COUNTY, NEW MEXICO APRIL, 2014 - AMENDED PER DRB

SITE PLAN FOR SUBDIVISION - REQUIRED INFORMATION

THIS SITE DEVELOPMENT PLAN FOR SUBDIVISION AMENDS THE PRIOR APPROVED WINROCK MARKET CENTER SITE DEVELOPMENT PLAN FOR SUBDIVISION OSEPCOOBTO, PROJECT NO, 1002202 AND FOLLOWS THE ADMINISTRATIVE AMENDMENT APPROVED MARCH 27, 2013 (FILE: 13-70489), AND SITE DEVELOPMENT PLAN AMENDMENT APPROVED BY DRB OCTOBER 2, 2013 (FILE: 13-70484).

THE SITE CONSISTS OF APPROXIMATELY 83 ACRES. THE INTERIOR PARCEL LINES SHOWN ON THIS SITE PLAN ARE ILLUSTRATIVE. FINAL PLATTING WILL OCCUR AS SPECIFIC DEVELOPMENT PROJECTS ARE PROPOSED. THE SUBJECT PROPERTY IS PROPOSED TO BE SUBDIVIDED INTO EIGHT SEPARATE LOTS DESCRIBED AS FOLLOWS:

LOT I - ALL OF PARCEL A-3 (MOMENS DILLARDS AND PARKING FIELD)

LOT 2 - ALL OF PARCEL A-2 (MENS DILLARDS AND PARKING FIELD)

LOT 3 - ALL OF PARCEL D-IA (TOYS R US) LOT 4 - ALL OF PARCEL E-I-A (VACANT)

LOT 5 - TRACT A-I-A-I, TRACT B, PARCEL B OF THE HUNT-SPECTRUM DEVELOPMENT SITE, \*C-2AI

LOT 6 - PARCEL A-I-A-2 (BJ RESTAURANT AND PARKING FIELD) LOT 7 - PARCEL A-I-A-I-B (REGAL THEATER)

LOT 8 - PARCEL \*C-2A2 (DAVE AND BUSTERS RESTAURANT)

LOTS 1, 2, 5, 6 AND 8 ARE ZONED SU-3 MU-UPT AND LOTS 3-4 ARE ZONED MU-UPT/BUFFER.

PROPOSED USE:

THE SITE:

THE SITE IS ZONED SU-3 (MU-UPT AND MU-UPT BUFFER) AS FOLLOWS:

LOT I(PARCEL A-3): 251,644 SF 5.78 AC. LOT 5(SEE ABOVE): 2,453,565 SF 56.33 AC . 28.319 SF 0.65 AC. LOT 2(PARCEL A-2): 422,230 SF 9.69 AC. LOT 6(PARCEL A-I-A-2): LOT 3(PARCEL DI-A): 181,058 SF 4.16 AC. LOT T(PARCEL A-I-A-I-B) 95,105 SF 2.18 AC. LOT 4(PARCEL E-I-A): 147,438 SF 3.38 AC. LOT 8(PARCEL C-2A2) 41,177 SF 0.95 AC.

PROPOSED USE: THE SITE IS ZONED SU-3 (MU-UPT AND MU-UPT BUFFER) LAND USES ARE AS FOLLOWS:

RETAIL/RESTAURANT/THEATER 915,482 S.F. \*USES AND SQUARE FOOTAGES ARE APPROVED \*OFFICE 24,000 S.F.PER PREVIOUS SITE DEVELOPMENT PLAN FOR SUBDIVISION. \*HOTEL: 174 ROOMS \*MULTI-FAMILY 66 UNITS (AREA - 3.11 AC. GROSS DENSITY-21.11 DU/AC.)

PEDESTRIAN AND VEHICULAR INGRESS AND EGRESS:

VEHICULAR ACCESS: LOUISIANA BOULEVARD PROVIDES THE MAJOR S

IGNALIZED ACCESS INTO MINROCK TOWN CENTER VIA AMERICA'S PARKWAY, ADDITIONAL ACCESS POINTS ARE PROVIDED AT LOUISIANA BOULEVARD, INDIAN SCHOOL ROAD, AND PENNSYLVANIA STREET. THERE IS DIRECT ACCESS FROM WINROCK TOWN CENTER TO 1-40 WEST. THESE ACCESS POINTS ARE CONSISTENT WITH BIETETOWN SECTOR DEVELOPMENT PLAN AND PREVIOUS APPROVALS FOR WINROCK. BICYCLE ACCESS IS PROVIDED BY 6 FOOT ON-STREET BIKE LANES IN LOUISIANA BOULEVARD PENNSYLVANIA STREET, AND INDIAN SCHOOL ROAD. TRAIL ACCESS IS PROVIDED ACROSS PENNSYLVANIA VIA THE PASEO DE LAS MONTANAS TRAIL, CONTINUES ALONG WINROCK'S SOUTHERN

EDGE, CONNECTS TO THE PEDESTRIAN OVERPASS AND CONTINUES ACROSS 1-40. SIDEMALKS WILL PROVIDE PEDESTRIAN CONNECTIVITY WITHIN WINROCK TOWN CENTER CONSISTENT WITH THE REQUIREMENTS OF THE UPTOWN SECTOR DEVELOPMENT PLAN.

TRANSIT ACCESS:

LOUISIANA BOULEVARD IS DESIGNATED A MAJOR TRANSIT CORRIDOR, WITH A REGULAR BUS ROUTE AND A RAPID RIDE ROUTE AND INDIAN SCHOOL ROAD INCLUDES A COMMUTER ROUTE. THE UPTOWN TRANSIT CENTER IS LOCATED NEARBY OFF INDIAN SCHOOL ROAD, WEST OF LOUISIANA BOULEVARD. A TRANSIT FACILITY IS PROVIDED AT THE SOUTHWEST CORNER OF WINROCK TOWN CENTER, WITH 113 PARKING SPACES PROVIDED.

INTERNAL CIRCULATION REQUIREMENTS:

INTERNAL CIRCULATION IS PROVIDED THROUGH THE SITE VIA A RING ROAD SYSTEM, SIDEWALKS SHALL BE DEVELOPED CONSISTENT WITH THE REQUIREMENTS OF THE UPTOWN SECTOR DEVELOPMENT PLAN.

BUILDING HEIGHTS AND SETBACKS:

BUILDING HEIGHTS AND SETBACKS SHALL BE CONSISTENT WITH THE REQUIREMENTS IN THE UPTOWN SECTOR DEVELOPMENT PLAN AND THE CITY COMPREHENSIVE ZONING CODE.

THE MINIMUM FLOOR AREA RATIO (FAR) IS .30 FOR WINROCK TOWN CENTER AS REQUIRED BY THE UPTOWN SECTOR DEVELOPMENT PLAN.

BUILDING F.A.R.

3,544,478 S.F.(81.37 AC.) 1,106,808 S.F.

LANDSCAPE PLAN: LANDSCAPE PLANS SHALL BE CONSISTENT WITH CITY STANDARDS AND POLICIES REGARDING WATER CONSERVATION AND POLLEN, THE UPTOWN SECTOR DEVELOPMENT PLAN, AND THE CITY'S

COMPREHENSIVE ZONING CODE.

OVERALL PHASE I DEVELOPMENT INCLUDES THE DEMOLITION OF THE WINROCK 6 THEATER.

PHASE 2 DEVELOPMENT INCLUDES ALL WORK NECESSARY FOR NEW DAVE AND BUSTERS.

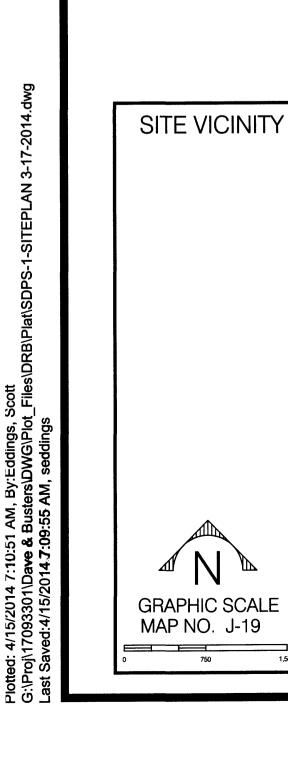
PHASE 3 DEVELOPMENT INCLUDES THE DEMOLITION OF THE WINROCK 6 THEATER AND WORK NECESARY FOR DAVE AND BUSTER'S.

OWNER/DEVELOPER WINROCK PARTNERS, LLC PROJECT TEAM ENGINEERING/SURVEYING **HUITT-ZOLLARS** 

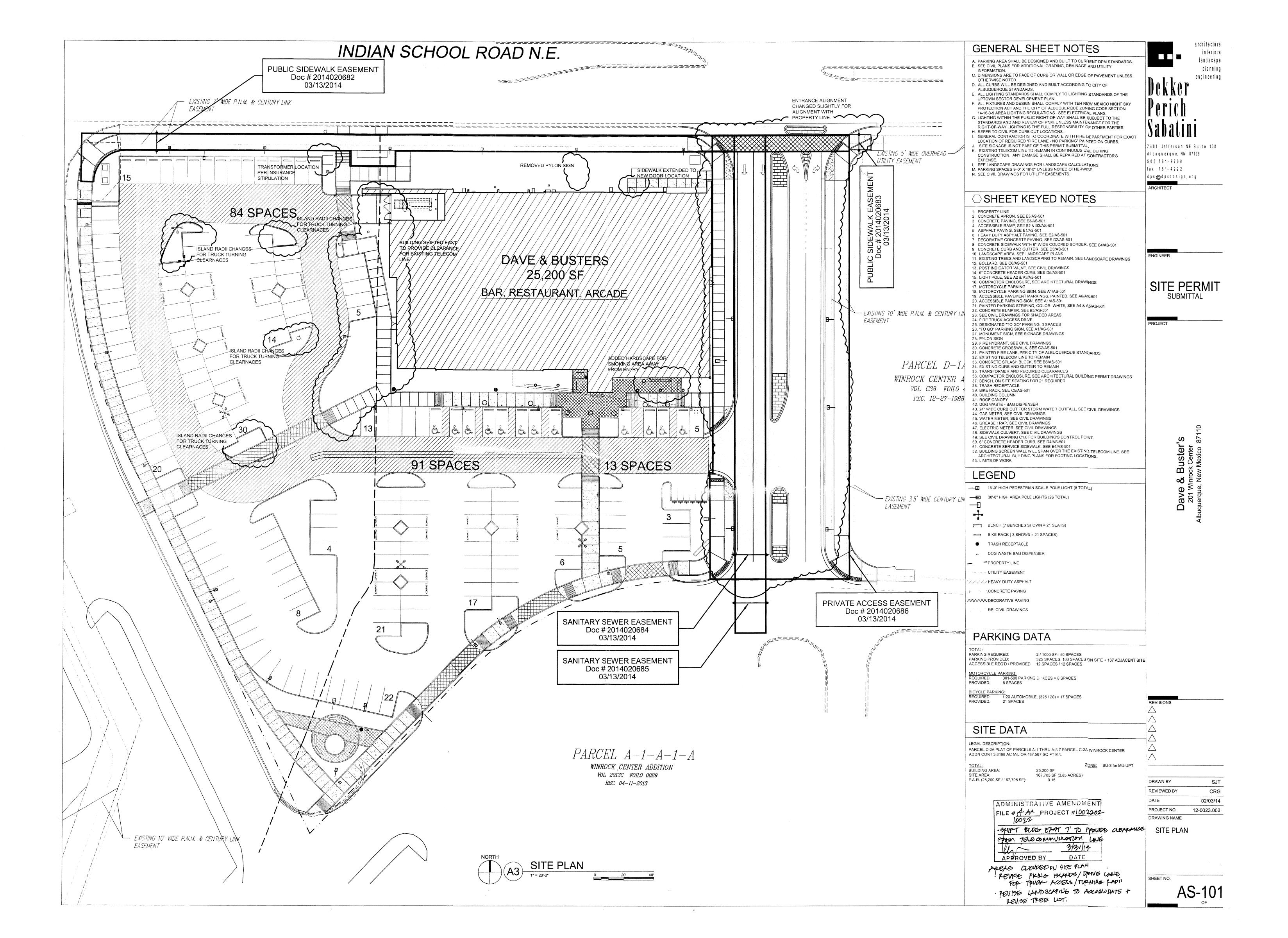


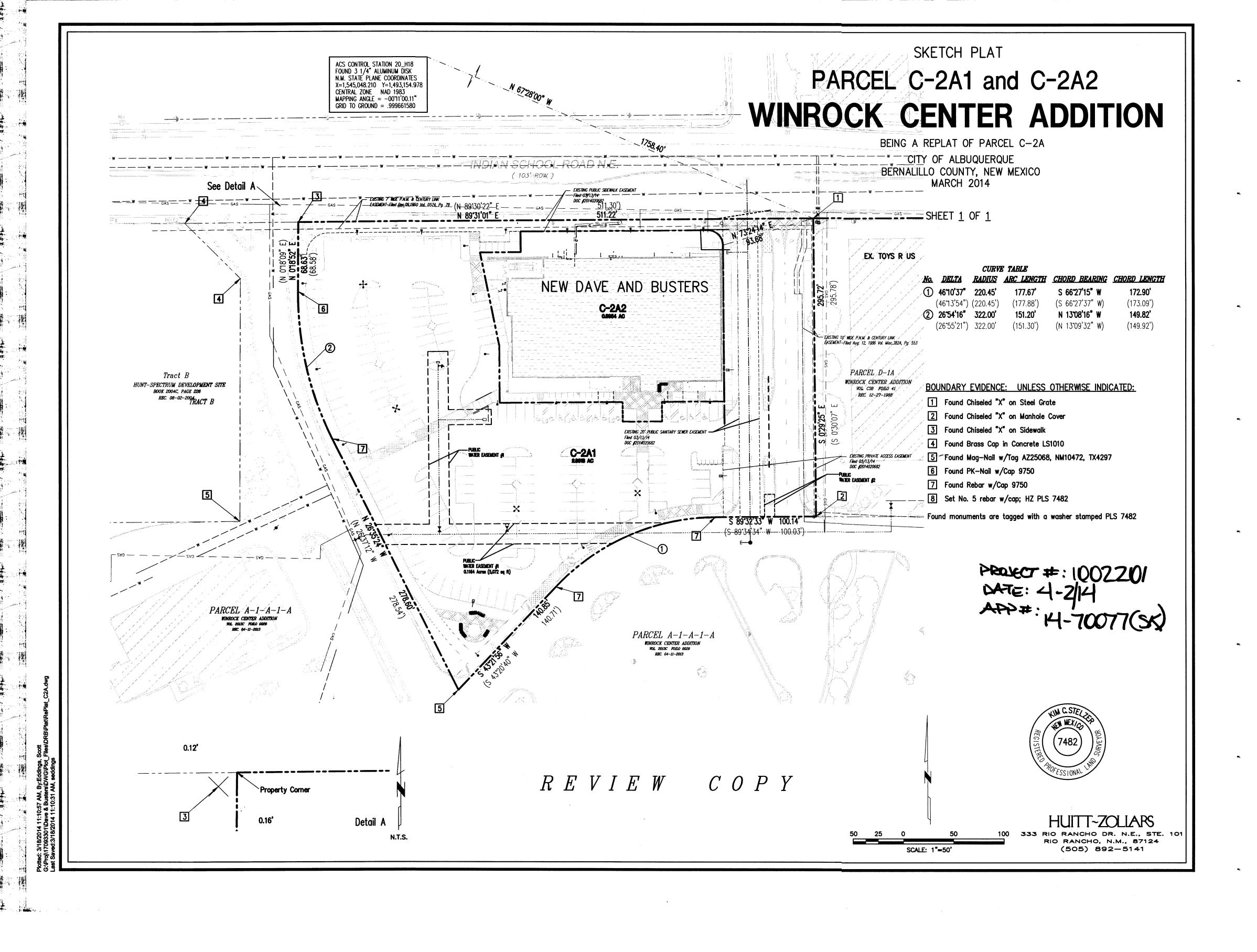
PLAN **SUBDIVISON** 

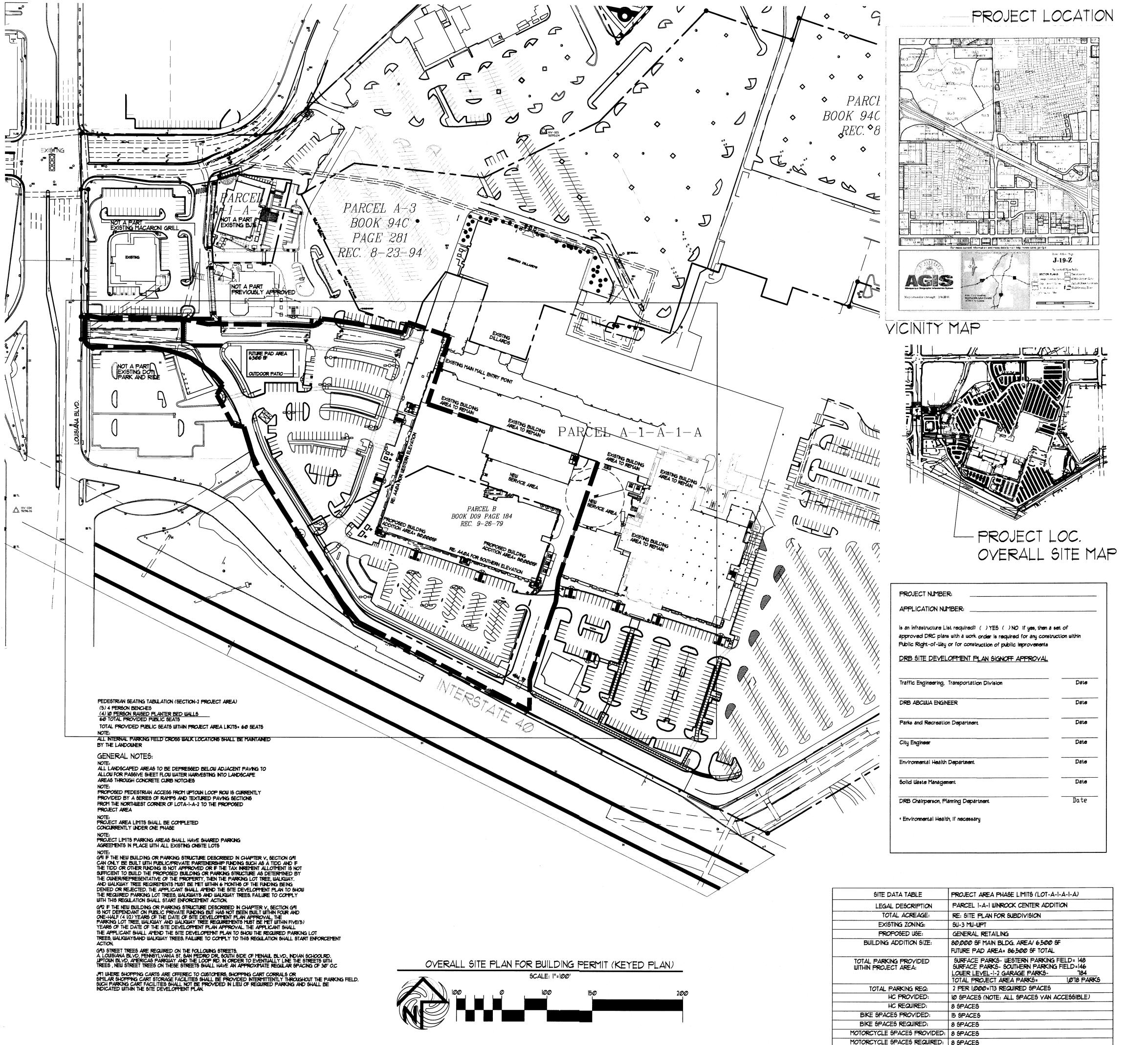
SDPS-



C2A-







KEYED NOTE:

- (1) INTEGRALLY COLORED, AND TEXTURED CONC. PEDESTRIAN CROSSWALK RE: DETAIL 1/ALI
- (2) 30' LIGHT POLE LOCATION RE: DETAIL 3/ALI
- (2A) 4 FOOT HIGH PEDESTRIAN SCALE LIGHT LOCATION RE: DETAIL 18/ALL TYPICAL PEDESTRIAN LIGHT GRAPHIC SYMBOL = -
- (3) CONC. SIDEWALK RE: DET 2/AI.I RE: SITE PLAN FOR JOINT LAYOUT
- (4) HANDICAP RAMP PER COA STD DWG 2426
- AT 1:12 MAX SLOPE WITH TRUNCATED DOMES PER COA STANDARDS (4A) INDICATES DRIVE ENTRANCE PER CITY STD. DETAIL 2426
- (5) INDICATES BIKE RACK LOCATION. (5 BIKE CAPACITY)
  RE: DETAIL II/Al2
- TYPICAL BIKE RACK GRAPHIC SYMBOL=
- (6) BENCH LOCATION
- TYPICAL BENCH GRAPHIC SYMBOL = [ ] (1) TRASH RECEPTACLE
- (8) 18" HIGH INTEGRALLY COLORED CONC. RAISED BED/SEATING LANDSCAPE AREA RE: DETAIL 9/AI.I
- TYPICAL PLANTING BED GRAPHIC SYMBOL: P
- (9) HANDICAP RAMP RE: 15/ALL
- (10) HANDICAP RAMP RE: 16/AI.I HANDICAP RAMP RE: 12/A1.1
- HANDICAP RAMP RE: 17/A!.I
- (13) INDICATES "OPEN SPACE" LANDSCAPE AREAS G.C TO PROVIDE/COORDINATE REQ. SLEEVING FOR EA. WELL LOCATION RE: LANDSCAPE PLAN FOR INFO
- MDICATES "DEVELOPED OPEN SPACE AREA LOCATION RE: LANDSCAPE PLAN FOR LANDSCAPING INFO
- (4F) INDICATES I' CURB CUT TO ALLOW FOR PASSIVE WATER SHEET FLOW HARVESTING FROM ADJACENT PAVEMENT SURFACE TO PROPOSED LANDSACE PLANT BEDS. RE: DETAIL I/AI.I FOR KNOTCH DETAIL NOTE: FINAL LOCATIONS SHALL BE COORDINATED WITH APPROVED GRADING PLAN
- (15) NOT A PART-FUTURE REDEVELOPMENT PHASE
- 6" HIGH CONC. ISLAND RE: DET 4/ALI RE: SITE GRADING PLAN FOR INFO
- (17) SERVICE YARD.
- (18) PROPOSED PADMOUNT TRANSFORMER LOCATION
- (19) DUAL CONFIGURATION H.C PARKING STALL RE: DET 9/AI2
- (20) WHEELSTOP RE: DET 5/Al2
- (21) INDICATES PROPOSED MOTORCYCLE PARKING STALL LOCATION NOTE: EACH ONSITE STALL MEASURES 4' X 8' IN SIZE RE: SITE PLAN FOR LOCATIONS. RE: DET. 7/A12 FOR "MOTOR CYCLE PARKING" SIGN DETAIL
- (22) EXTERIOR DECORATIVE CONCRETE ENTRY AREA ALONG MAIN BUILDING ENTRY PATHWAY
- (23) INDICATES PROPOSED OUTDOOR DEVELOPED PLAZA AREA ON THE EASTERN AND SOUTH WESTERN CORNER OF THE FUTURE PAD BLDG AREA . AREA SHALL CONTAIN LANDSCAPE PLANTING BEDS ADJACENT TO CONCRETE WALKWAYS.
- (24) PLAZA SIDEWALK EDGE DETAIL RE: DETAIL 2/AI2
- (26) INDICATES PROPOSED CURBING TO RECIEVE FIRE STRIPE PAINT CURB RED IN COLOR
- (35) EXISTING ASPHALT DRIVE
- 65A PROPOSED ASPHALT DRIVE

GENERAL NOTES: I. LANDSCAPE IRRIGATION PLAN SHALL BE PROVIDED WITH LANDSCAPE PLAN DURING BUILDING PERMIT SUBMITTAL 2. MULCH SHALL BE PROVIDED IN AREAS AROUND LIVING PLANTS

TO REDUCE HEAT AND CONSERVE MOISTURE. NOTE: ROCK SHALL BE USED AS MULCH ALTERNATIVE IN AREAS OF DRAINAGE AND SEVERE SLOPE.

3. 10% PERCENT OF ALL LANDSCAPE PLANTING STRIPS SHALL CONTAIN FLOWERING PLANS AND SHRUBS.

4. MINIMUM ACCEPTABLE SIZES OF PLANTS, TREES, OR AMOUNTS OF SEED AT

THE TIME OF PLANTING ARE AS FOLLOWS. A. DECIDUOUS TREES SHALL BE TWO INCHES IN CALIPER CONFEROUS TREES SHALL BE A MIN OF 6' TALL.

B. SHRUBS, BUSHES AND LOW GROWING EVERGREENS SHALL BE A MIN. OF I

C. GROUND COVER AND TURF MUST BE ADEQUATE TO PROVIDE 15% GROUND COVERAGE WITHIN TWO GROWING SEASONS AFTER PLANTING.

5. ALL LANDSCAPING SHALL BE MAINTAINED IN SUCH A WAY AS TO KEEP PLANTS AND TREES HEALTY. LANDSCAPING WHICH DIES SHALL BE REPLACED BY THE OWNER

AS EXPEDITIOUSLY AS POSSIBLE, BUT IN NO CASE LONGER THAN 60 DAYS AFTER BEING MADE AWARE OF THE 199UE BY THE CITY OF ALBUQUERQUE. 6. ALL LANDSCAPING SHALL BE MAINTAINED IN SUCH A WAY AS TO KEEP PLANTS AND TREES HEALTY, LANDSCAPING WHICH DIES SHALL BE REPLACED BY THE OWNER

AS EXPEDITIOUSLY AS POSSIBLE, BUT IN NO CASE LONGER THAN 60 DAYS AFTER BEING MADE AWARE OF THE ISSUE BY THE CITY OF ALBUQUERQUE. 1. PLANTING STRIPS

A.PLANTING STRIPS SHALL BE A MIN OF 4' WIDE AND COVERED WITH LIVE VEGATATIVE MATERIALS SHUCH AS GRASSES, VINESFLOWERS AND/OR BUSHES/SHRUBS OVER 60% OF THE PLANTING STRIP IF IT IS DIRECTLY BETWEEN PARKING AND A WALKWAY. IF THE PLANTING STRIP IS REQUIRED FOR STREET TREES, IT SHALL BE COVERED WITH LIVING, VEGATATIVE MATERIALS SUCH AS GRASSES, VINES FLOWERS, AND OR BUSHES, SHRUBS OVER 15% OF THE PLANING STRIP. COVERAGE SHALL BE CALCULATED FROM THE ANTICIPATED SIZE OF THE PLANTS AT MATURITY.

B. IN ORDER TO FACILITATE THE TRANSITION BETWEEN PARKING SPACES, AND ADJACENT WALKWAYS DECORATIVE PAVERS SHALL BE USED WITHIN 40% OF THE PLANTING STRIP.

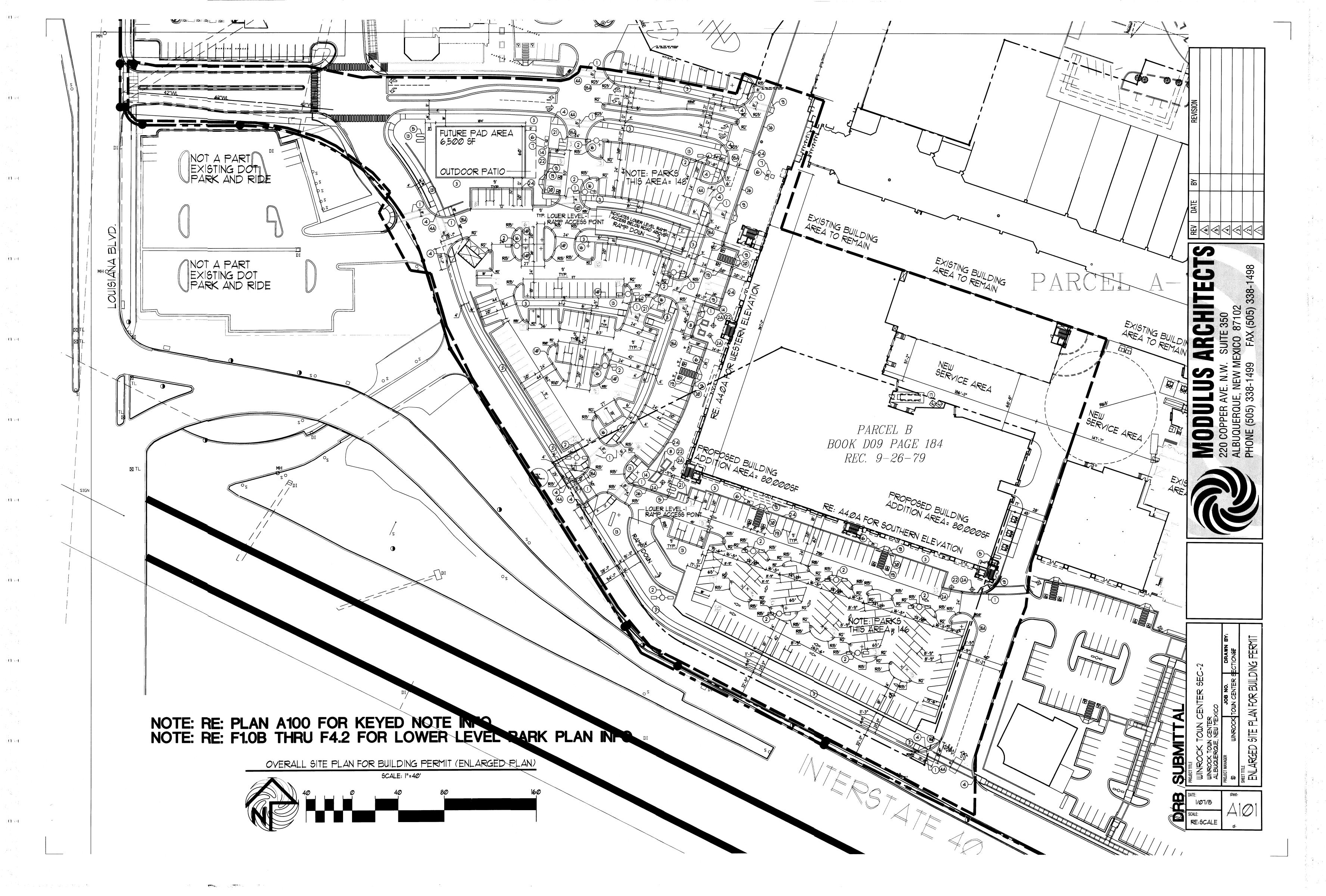
8. ALL REQUIRED TREES SHALL BE PLANTED PRIOR TO FINAL BUILDING INSPECTION. 9. DECIDUOUS TREES SHALL BE A MIN IF 2" IN CALIPER AT THE TIME OF PLANTING. CONIFEROUS TREES SHALL BE A MIN IF 6' TALL AT THE TIME OF PLANTING.

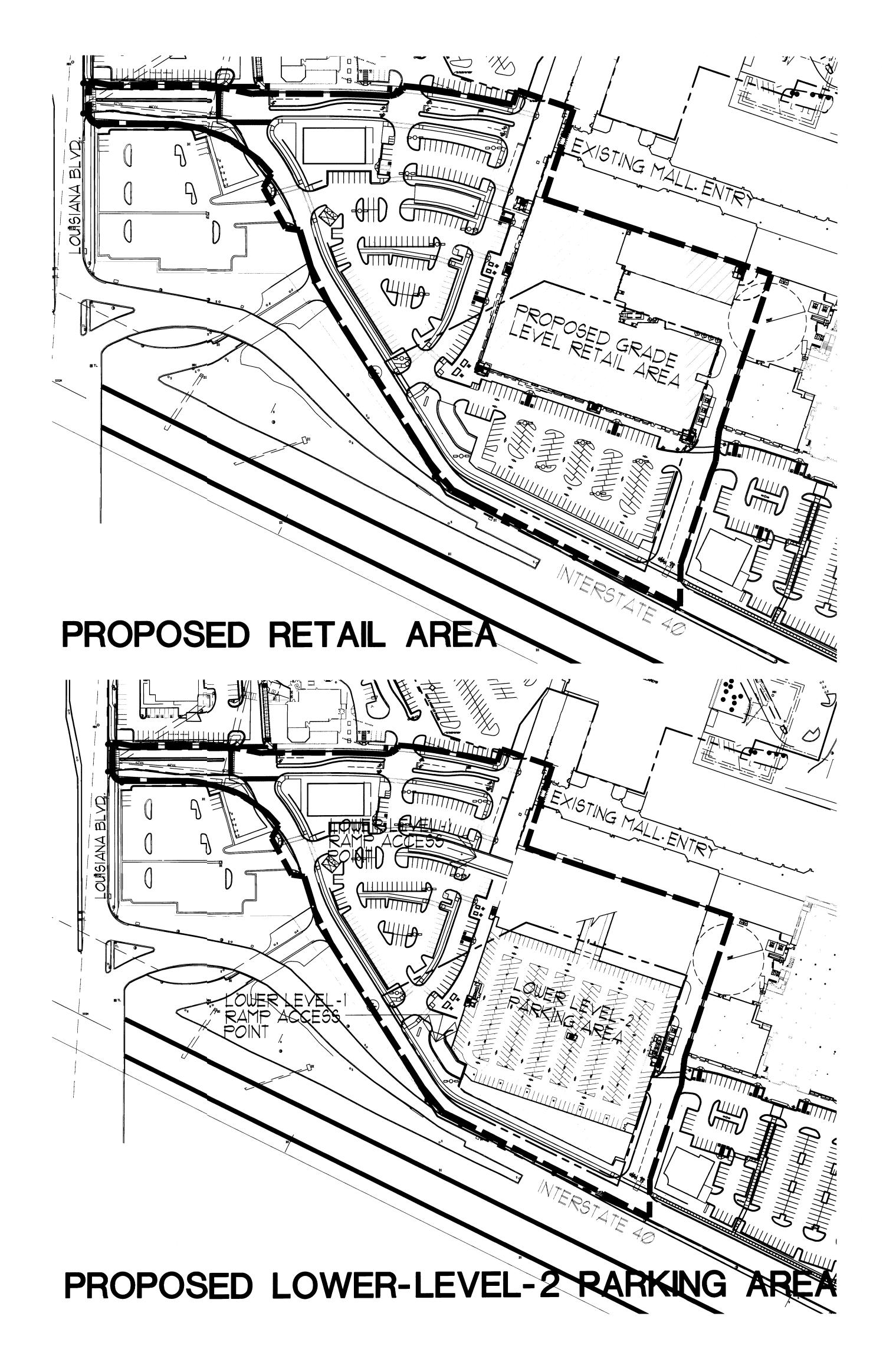
TO THRIVE. THE MINIMUM TREE WELL SIZE SHALL BE 36 SQUARE FEET. II. TREES SHALL BE IRRIGATED TO SO AS TO ENCORAGE A DEEP AND WIDE ROOT SYSTEM THAT WILL PROVIDE. HEALTY GROWTH AND STRUCTURAL STABILITY.

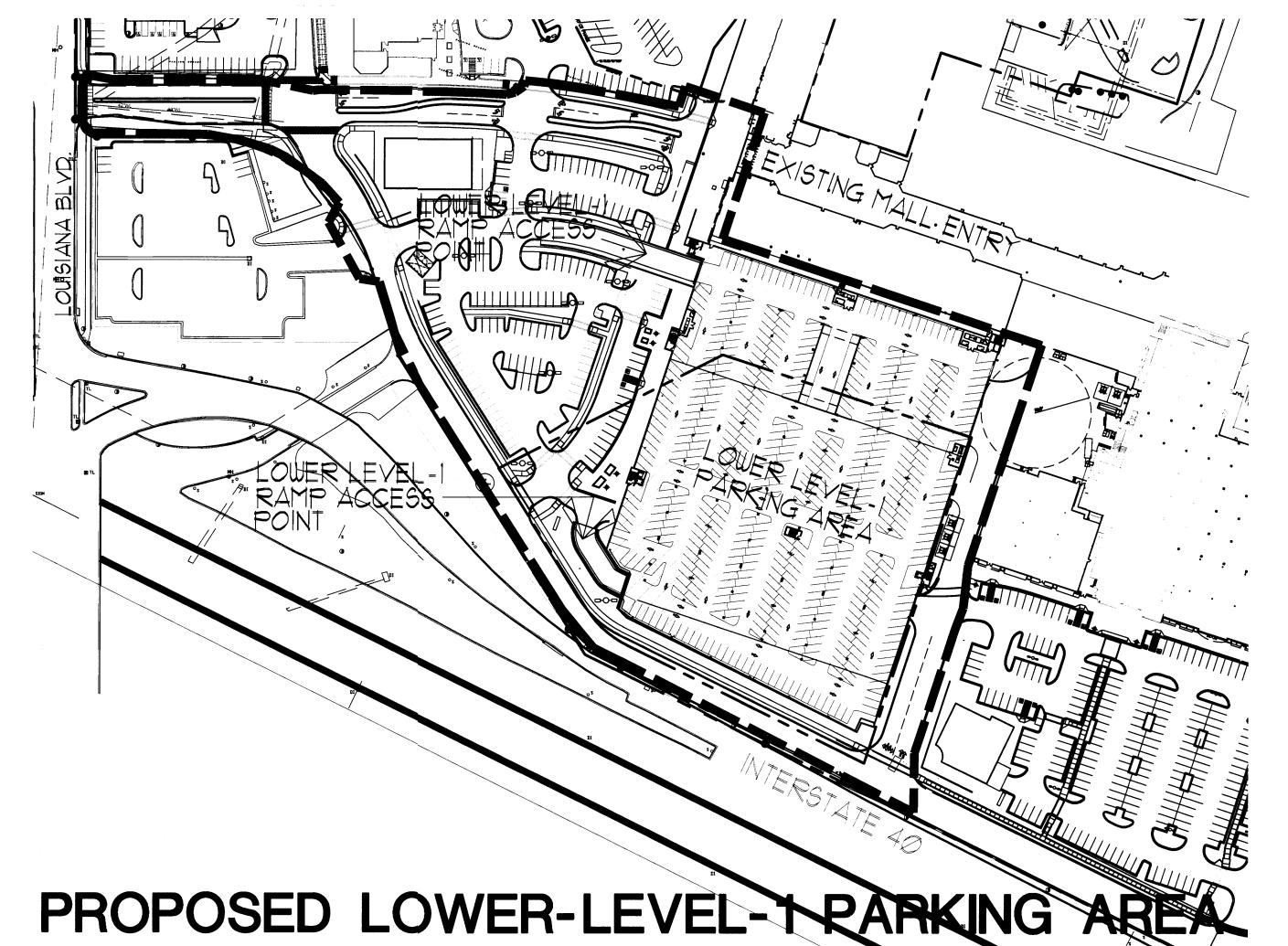
10. TREES SHALL BE PLANTED IN TREE WELLS OR PERMEABLE PAVEMENT TO MAXIMIZE THE OPPORTUNITY

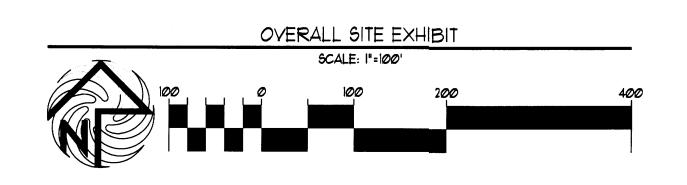
INETYPE LEGEND	
NTERNAL PHASE LINE	
PROPOSED LOT LINE	
PROJECT AREA AND CUTER PHASE AREA LIMITS	
XISTING PROPERTY LINE	
EXISTING CURB LINE	and the state of t

PROPOSED CURB LINE



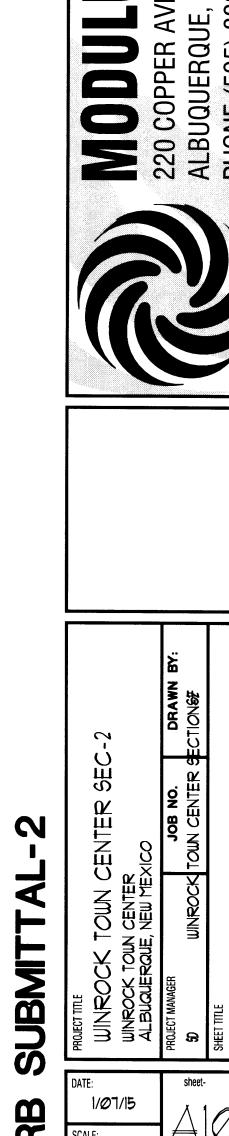


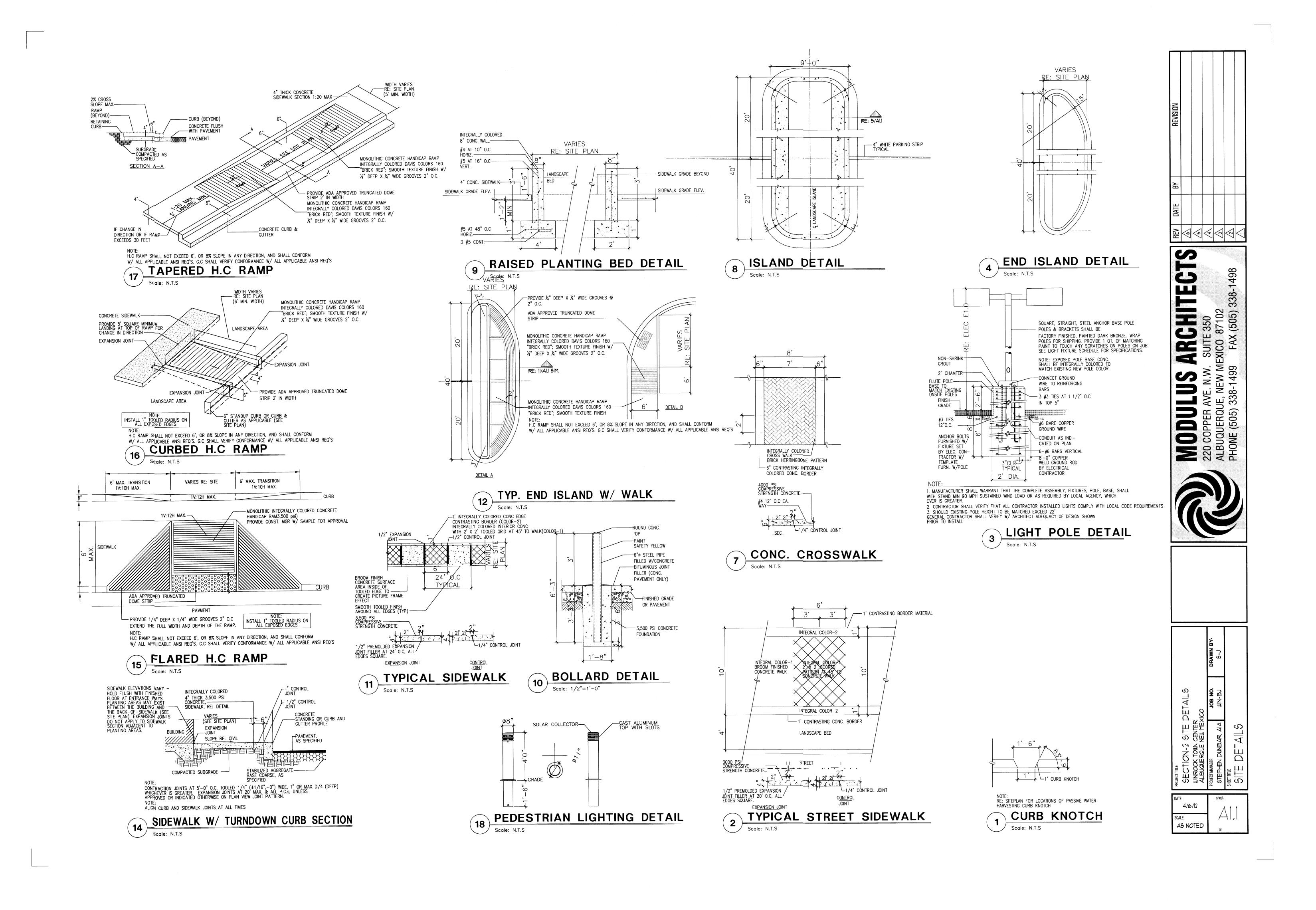




NOTE: RE: F1.0B THRU F4.2 FOR

LOWER LEVEL PARK PLAN INFO



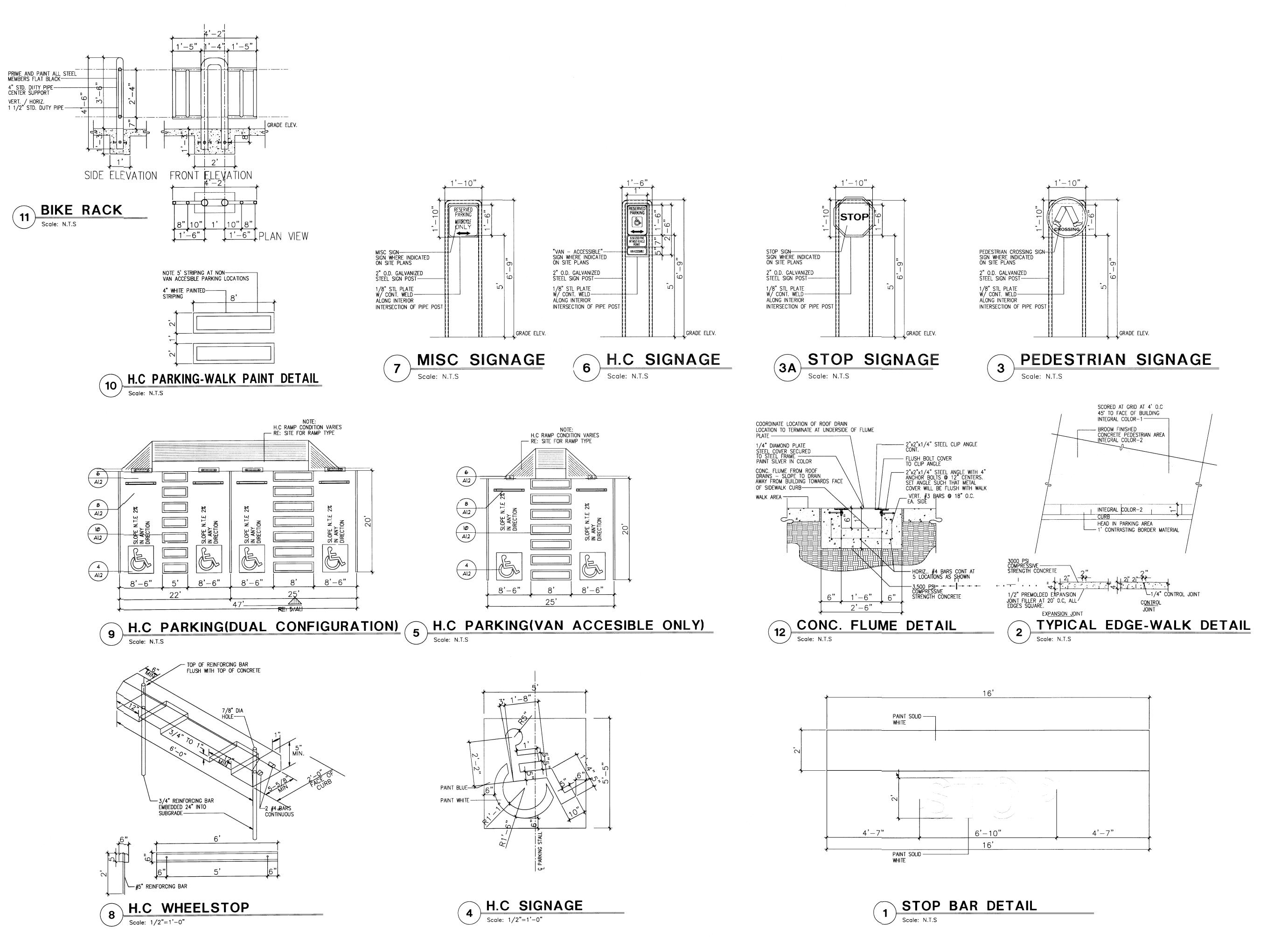


The Cart

11 W. W. 18 .

178 W. W.

- 1887 - Call 1



CONTRACTOR COMMISSION DE

MODUL 220 COPPER AN ALBUQUERQUE PHONE (505) 33

PROJECT TITLE

SECTION 2 SITE DETAILS

WINROCK TOWN CENTER

ALBUQUERQUE NEW MEXICO

PROJECT MANAGER

STEPHEN DUNBAR, AIA

SHET TITLE

SHET TITLE

SITE DETAILS

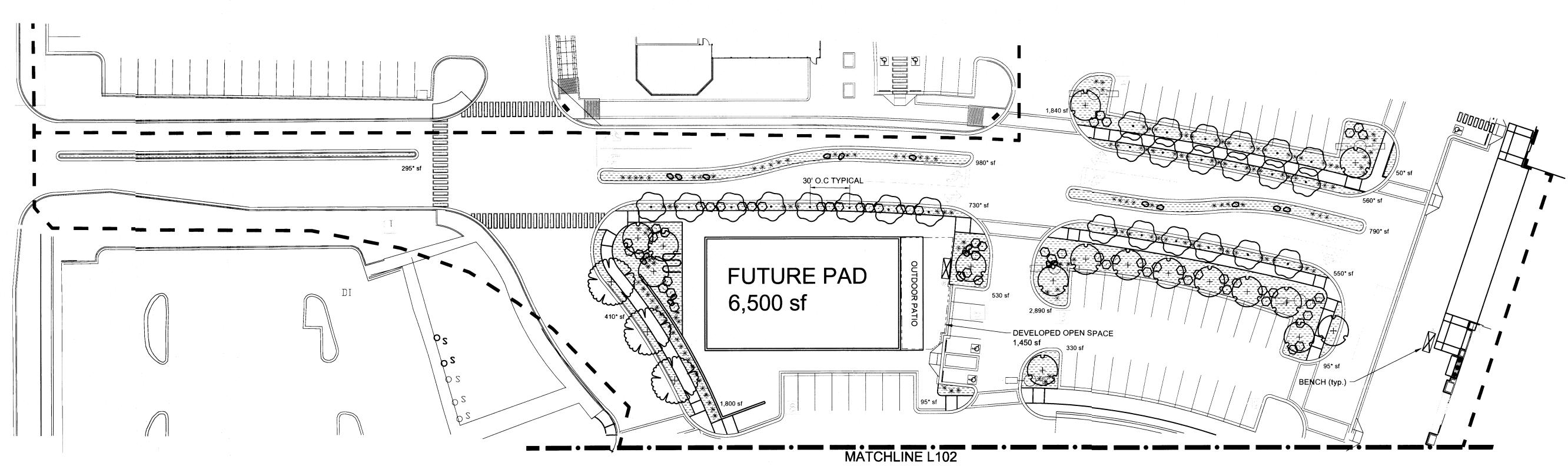
DATE:

4/6/12

SCALE:

AS NOTED

of-



# GENERAL LANDSCAPE PLAN CONFORMANCE REQUIREMENTS

- NEW CONSTRUCTION AND/OR REDEVELOPMENT SHALL APLLY THE FOLLOWING LANDSCAPE REGULATIONS AND REQUIREMENTS:
- F.1. 40% OF THE "10% OF SITE" OPEN SPACE REQUIREMENT SHALL BE LANDSCAPE AREA. IN EVERY SITE SHALL HAVE A MINIMUM OF FOUR (4) FOOT WIDE PLANTING STRIP ABUTTING A TEN (10) FOOT WIDE WALKWAY.
- F.2. A LANDSCAPE PLAN SHALL BE PROVIDED WITH THE SITE DEVELOPMENT PLAN FOR APPROVAL. REQUIREMENTS FOR THE LANDSCAPE PLAN ARE LISTED IN CHAPTER V. SECTION K.
- F.3. ALL LANDSCAPES SHALL BE PLANTED AS SHOWN ON THE LANDSCAPE PLAN.
- F.4. ALL LANDSCAPING SHALL BE PLANTED NO LATER THAN 30 DAYS AFTER COMPLETION OF CONSTRUCTION AND IN NO CASE LATER THAN THE FINAL INSPECTION.
- F.5. ALL LANDSCAPING SHOULD BE PLANTED IN ACCORDANCE WITH INSTRUCTIONS PROVIDED RECENT CITY STANDARDS NATIONALLY ACCEPTED STANDARDS BY NURSERY, LANDSCAPE, IRRIGATION, AND ARBORICULTURE INDUSTRIES. SEE APPENDIX B
- F.7. IRRIGATION IS REQUIRED FOR ALL PLANTINGS. IRRIGATION SYSTEMS SHALL MEET THE DIFFERING NEEDS OF TREES AND OTHER VEGETATION TO ENSURE ALL PAINTINGS FLOURISH.

10 10

11 (1)

(A) (E)

161 141

5 (6) "Fall

- F.8. WATER HARVESTING CONSERVATION TECHNIQUES SHALL BE UTILIZED WHERE POSSIBLE APPROVED BY THE CITY HYDROLOGIST OR CITY ENGINEER. SUCH TECHNIQUES MAY INCLUDE WATER HARVESTING, GRAYWATER, WATER REUSE SYSTEMS AND PERMEABLE PAVEMENT. RAINWATER FROM ROOFS SHOULD BE DIRECTED OR STORED AND USED TO WATER TREES AND OTHER LANDSCAPING WHENEVER POSSIBLE.
- F.9. ORGANIC MULCH SHALL BE PROVIDED IN AREAS AROUND THE LIVING PLANTS TO REDUCE HEAT AND CONSERVE MOISTURE. GRAVEL, ROCKS, CRUSHER FINE AND RUBBER ARE NOT ORGANIC MULCH.
- F.10. THE USE OF RIVER STONES TO BE USED AS MULCH IN AREAS OF DRAINAGE AND WATER RUNOFF IS ALLOWED IN LANDSCAPE AREAS. THE USE OF GRAVEL, INCLUDING ROCKS AND CRUSHER FINES AS GROUND COVER IS LIITED TO 5 % PERCENT OR LESS OF ANY LANDSCAPE AREA, PLANTING STRIP OR OPEN SPACE.
- F.13. THE MINIMUM ACCEPTABLE SIZES OF PLANT, TREES OR AMOUNTS OF SEEDS, AT THE TIME OF PLANTING, ARE AS FOLLOWS:
- B. SHRUBS, BUSHES AND LOW-GROWING EVERGREENS SHALL BE AT LEAST ONE GALLON IN SIZE. C. GROUND COVER AND TURF MUST BE ADEQUATE TO PROVIDE 75% GROUND COVERAGE

A. TREES MUST BE TWO INCHES IN CALIPER. CONIFEROUS TREES SHALL BE A MINIMUM OF

- F.15. ALL LANDSCAPING SHALL BE MAINTAINED IN SUCH A WAY AS TO KEEP PLANTS AND TREES HEALTHY. LANDSCAPING WHICH DIES SHALL BE REPLACED BY THE OWNER AS EXPEDITIOUSLY AS POSSIBLE, BUT IN NO CASE LONGER THAN 60 DAYS AFTER BEING MADE
- F.16. FORTY (40%) PERCENT OF REQUIRED OPEN SPACE SHALL BE LANDSCAPED AREA. A. LANDSCAPE AREAS SHALL BE COVERED WITH A MINIMUM OF SEVENTY-FIVE (75%) VEGETATIVE MATERIALS, SUCH AS TREES, GRASSES, VINES, FLOWERS PERCENT LIVING, COVERAGE SHALL BE CALCULATED FROM THE AND/OR BRUSHES/SHRUBS. ANTICIPATED SIZE OF MATURE PLANTS.
- B. ALL OPEN SPACE AREAS THAT ARE NOT "DEVELOPED OPEN SPACE" AND ARE 25
- SQUARE FEET IN SIZE OR LARGE**R SHALL BE PLANTED AS A LANDSCAPE AREA.**

GROWING SEASONS AFTER PLANTING.

WITHIN TWO

AWARE OF THE ISSUE.

- C. PLANTER BOXES OR LARGER PLANTING POTS MAY ALSO BE COUNTED AS THE LANDSCAPE AREA OF OPEN SPACE PROVIDED THEY ARE NOT WITHIN PLANTING STRIPS AND ARE SHOWN ON
- LANDSCAPE PLAN. THE SURFACE AREA OF PLANTER BOXES AND LARGE PLANTING
- POTS ARE MEASURED IN ORDER TO CALCULATE THE AMOUNT OF LANDSCAPE AREA THEY EQUAL. D. TREES ARE STRONGLY ENCOURAGED IN LANDSCAPE AREAS.
- E. REQUIRED PLANTING STRIPS ARE NOT CONSIDERED AS LANDSCAPE ARE FOR THE MEETING THE 40% OF THE "10% OF SITE" REQUIREMENT. PURPOSE OF
- G.4. ALL REQUIRED TREES SHALL BE PLANTED NO LATER THAN THIRTY (30) DAYS AFTER THE COMPLETION
  - OF CONSTRUCTION AND IN NO CASE LATER THAN THE FINAL INSPECTION.

- G.7. TREES SHALL BE IRRIGATE SO AS TO ENCOURAGE A DEEP AND WIDE ROOT SYSTEM THAT WILL PROVIDE HEALTHY GROWTH AND STRUCTURAL STABILITY. TREES SHALL BE ON FROM OTHER VEGATATION BECAUSE TREES REQUIRE SEPARATE IRRIGATION ZONES WATER OVER A LARGER AREA THAN OTHER PLANTS, DEEPER INTO SOIL, AND LESS FREQUENTLY THAN OTHER VEGETATION
- G.8. ALL TREES SHALL BE MAINTAINED TO ENSURE THAT THE TREES STAY HEALTHY.
- INCLUDING TRIMMING IS THE RESPONSIBILITY OF THE OWNER OF THE TREE. IN THE CASE
- TREES OR OTHER TREES PLANTED IN THE PUBLIC RIGHT-OF-WAY THE OWNER OF THE LOT **ADJACENT** AND CLOSEST TO THE TREE IS RESPONSIBLE FOR THE MAINTENANCE.
- G.9. THE REPLACEMENT OF DEAD TREES IS THE RESPONSIBILITY OF THE OWNER OF THE TREE.
- OF STREET TREES OR OTHER TREES PLANTED IN THE PUBLIC RIGH-OF-WAY THE OWNER OF
- ADJACENT LOT CLOSEST TO THE TREE IS RESPONSIBLE FOR REPLACING THE DEAD TREE. **DEAD TREES**
- SHALL BE REPLACED WITH A TREE OF CONFORMING SPECIES AND LOCATION AS EXPEDITIOUSLY AS
- POSSIBLE, BUT IN NO CASE LONGER THAN SIXTY (60) DAYS AFTER BEING MADE AWARE OF THE ISSUE. SIGNATURE TREES MAY BE USED TO REPLACE SOME SHADE TREES IN ORDER TO ACHIEVE
  - SIGNATURE/SHADE TREE PROPORTIONS.

THE DESIRED

- G.14. PARKING LOT TREES ARE REQUIRED AS FOLLOWS: A. TREES SHALL BE PLANTED AT A RATE OF ONE (1) TREE PER EIGHT (8) PARKING LOT SPACES.
- B. EACH ROW OF PARKING SHALL HAVE AN END CAP WITH AT LEAST ONE (1) TREE
- C. TREES SHALL BE PLANTED IN THIRTY SIX (36) SQUARE FOOT TREE WELLS. D. NO PARKING SPACE SHALL BE MORE THAN SIXTY (60) FEET FROM A TREE TRUNK.
- G.15. WALKWAY TREES ARE REQUIRED AS FOLLOWS:
- A. WALKWAY TREES SHALL BE PLANTED IN PLANTING STRIPS WHEN THE WALKWAY ABUTS AND/OR A PARKING SPACE NOT CONTAINED IN A PARKING LOT, AT A A BUILDING NUMBER EQUAL TO A MAXIMUM OF TWENTY-FIVE (25) FEET ON CENTER.
- B. WALKWAY TREES PLANTED IN A PLANTING STRIP MAY HAVE REGULAR OR IRREGULAR ACCOMMODATE THE ENTRANCES OF THE CORRESPONDING BUILDINGS SPACING TO PROVIDED THAT THE TOTAL NUMBER OF REQUIRED TREES ARE PLANTED.
- C. WALKWAYS TREES SHALL BE PLANTED ALONG WALKWAYS THAT DO NOT ABUT NOT SHADED BY EXISTING TREES AT THE NUMBER EQUAL TO A MAXIMUM TO TWENTY-FIVE (25) FEET ON CENTER. THIS REQUIREMENT INCLUDES WALKWAYS INTERNAL TO PARKING LOTS WHERE TREES WILL BE PLANTED ON ALTERNATING SIDES OF THE WALKWAY.
- D. THREE OR LESS WALKWAY TREES MAY BE CLUSTERED IF SUFFICIENT ROOTING SUPPLIED AND IF THE REQUIREMENT TO SHADE THE WALKWAY IS MET. E. WALKWAY TREES ARE NOT REQUIRED ON THE WEST SIDE OF SAN PEDRO DR. OR THE OF MENAUL BLVD. NORTH SIDE

- H.4. THE TEN (10) FOOT WIDE WALKWAYS MAY ACCOMMODATE OCCASIONAL USES SUCH AS
- BENCHES AND/OR TRASH RECEPTACLES WHICH ENCROACH UPON THE WIDTH OF THE WALKWAY BUT A MINIMUM SIX (6) FOOT CLEAR PATH SHALL BE MAINTAINED WITHIN THE WALKWAY AT ALL TIMES. THESE OCCASIONAL USES SHALLNOT TAKE UP MORE THAN ONE-THIRD (1/3) OF THE WIDTH OF ANY BUILDING'S
- H.7. ALL WALKWAYS MUST COMPLY WITH THE AMERICAN NATIONAL STANDARDS INSTITUTE AND WITH DISABILITY ACT.

HATCH SCHEDULE SYMBOL DESCRIPTION 7/8" - 1" GRAVEL AT 3" DEPTH OVER FILTER FABRIC PECAN MULCH AT 2" DEPTH IN RAISED PLANTERS

**MOSSROCK BOULDER (57)** 

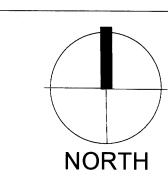
ANDSCAPE CONTRACTOR www.headsuplandscape.com PO Box 10597 Albuquerque, NM 87184 505.898.9615 505.898.2105 (fax) design@hulc.com



Date: <u>09/15/2014</u> Revisions: 10/06/2014

Drawn by: Jitka Dekojova Reviewed by: Eddie Padilla

> pt ctic



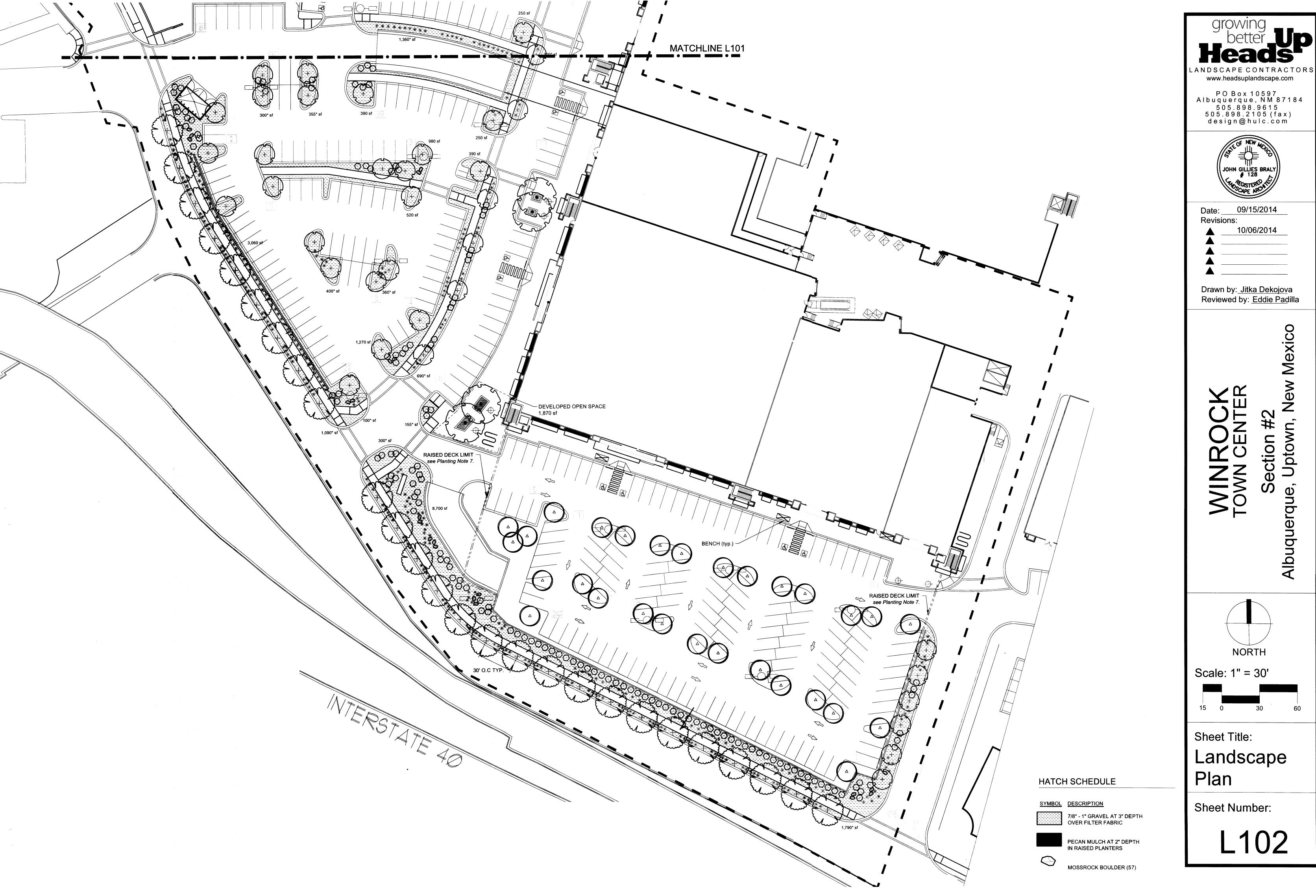
Scale: 1" = 30'



Sheet Title:

Landscape Plan

Sheet Number:



101 111

All rate

the section

**#**} 101

A) will

#### **LEGAL DESCRIPTION:**

PARCEL 1-A-1 WINROCK CENTER ADDITION. ZONE SU-3 for MU-UPT.

### **GENERAL NOTES:**

(1) 10 L

10 101

(1)

11 101

(A) (e4)

11 11

11 11

61 101

11 111

1. MAINTENANCE OF THE LANDSCAPE AND IRRIGATION PROVIDED BY THE PROPERTY OWNER. 2. LANDSCAPE AREAS SHALL BE DEPRESSED TO PROVIDE POSITIVE DRAINAGE FOR SITE RUN OFF. SEE CIVIL DRAWINGS FOR DRAINAGE INFORMATION AND PLACEMENT OF CURB CUTS.

3. THE LANDSCAPE PLAN IS DESIGNED TO MEET ALL CITY OF ALBUQUERQUE AND USDP REQUIREMENTS. 4. PLANT MATERIALS AND SIGNING WILL NOT INTERFERE WITH CLEAR SIGHT REQUIREMENTS. THEREFORE SIGNS, WALLS, TREES, AND SHRUBBERY BETWEEN 3 AND 8 FEET TALL (AS MEASURED FROM THE GUTTER PAN) ARE NOT ACCEPTABLE IN 'CLEAR SIGHT' AREAS. 5. THE LANDSCAPE PLAN IS DESIGNED TO COMPLY WITH THE GENERAL LANDSCAPING REGULATIONS

§14-16-3-10, WATER CONSERVATION LANDSCAPING AND WATER WASTE §6-1-1-1, INCLUDING PROVISION OF A MINIMUM OF 75% LIVE GROUND COVERAGE, MEASURED AT MATURITY, OF ALL REQUIRED LANDSCAPE AREAS.

#### **PLANTINGS NOTES:**

1. THE LANDSCAPE DESIGN SHALL COMPLY WITH THE CITY OF ALBUQUERQUE WASTE WATER CONSERVATION, LANDSCAPE, AND WATER WASTE ORDINANCE AND UPTOWN SECTOR DEVELOPMENT

2. THERE IS NO NEW TURF USED IN THE DESIGN OF THE LANDSCAPE. 3. STREET TREES ARE PLACED AT A MAXIMUM OF 30 FEET ON CENTER ALONG WINROCK LOOP ROAD. THE R.O.W. (WHEN DEDICATED TO THE PUBLIC) SHALL BE MAINTAINED BY THE PROPERTY OWNER. THE PLAN SHALL FOLLOW THE COA DESIGN GUIDELINES FOR STREET TREES.

4. ALL LANDSCAPE AREAS SHALL BE COVERED WITH MULCH. USE GRAVEL MULCH AT 3" DEPTH OVER FILTER FABRIC.

5. WHERE MULCH IS ADJACENT TO THE CONCRETE, FINISH GRADE OF MULCH SHALL BE APPROXIMATELY 1/2" BELOW THE TOP OF CONCRETE. 6. SEE L103 FOR TREE PLANTING DETAIL.

7. ALL PLANTINGS ON TOP OF PARKING DECK SHALL BE PLACED IN POTS. NO GRAVEL SHALL BE IN THIS

#### **IRRIGATION NOTES:**

1. ALL NEW PLANTINGS TO BE WATERED BY AUTO DRIP IRRIGATION SYSTEM. 2. WATER MANAGEMENT AND THE MAINTENANCE OF THE IRRIGATION SYSTEM IS THE SOLE RESPONSIBILITY OF THE PROPERTY OWNER.

3. THE IRRIGATION SYSTEM SHALL BE CONNECTED TO CITY WATER. THE POINT OF CONNECTION SHALL CONSIST OF A WATER METER, BACKFLOW PREVENTER, AND MASTER VALVE. SEE 1103 FOR DETAIL. 4. USE 50 LF NETAFIM SPIRAL PER EACH TREE AND TWO 2 GPH EMITTERS PER EACH SHRUB/GROUNDCOVER. USE SIX 2 GPH DRIP EMITTERS PER TREES IN POTS. AS PER USDP SEPARATE

IRRIGATION ZONES SHALL BE DESIGNED FOR TREES AND SHRUBS/GROUNDCOVERS. 5. THE LOOP ROAD R.O.W. PLANTINGS SHALL BE IRRIGATED BY BUBBLERS. USE TWO 0.5 GPM BUBBLERS PER TREE AND ONE 0.25 GPM BUBBLER PER SHRUB. AS PER USI)P SEPARATE IRRIGATION ZONES SHALL BE DESIGNED FOR TREES AND SHRUBS/GROUNDCOVERS. CREATE INFILTRATION BASINS AROUND EACH

LANDSCAPE CALCULATIONS: PROJECT AREA .. . 298,920 sf (total number) REQUIRED OPENSPACE AREAS (10% OF SITE) ...29.892 sf (total number) PROVIDED OPENSPACE AREAS (10% OF SITE) ...30,900 sf (total number) REQUIRED LANDSCAPE AREAS(40% OF 10% OF SITE) ..... 11,956 sf (total number) NOTE: REQUIRED PLANTING STRIPS ARE NOT CONSIDERED AS LANDSCAPE AREAS FOR PURPOSES OF MEETING THE 40% OF THE 10% OF SITE REQUIEMENT.(USDP NOTE 15,e.) PROVIDED LANDSCAPE AREAS . **21**,210 sf PROVIDED PLANTING AREA WITH PLANTING STRIPS 30,900 sf REQUIRED LIVE GROUND COVERAGE (75% OF REQ. LANDSCAPE AREA) ..8,967 sf PROVIDED LIVE GROUND COVERAGE (75% OF REQ. LANDSCAPE AREA) ...25,338 sf NOTE: A minimum of 10% landscape areas shall have flowering plants or shrubs. (USDP F-11) DEVELOPED OPEN SPACE .... 3,320 sf

REQUIRED SHADE ..... 498 sf (15% of developed open space) PROVIDED SHADE (building overhang and mature tree canopy) ..... 2,567 sf (77% of developed open space) DEVELOPED OPEN SPACE 40% LANDSCAPE REQUIREMENT

REQUIRED ..... 1,328 sf (40% of developed open space) PROVIDED ..... 1,900 sf (57% of developed open space)

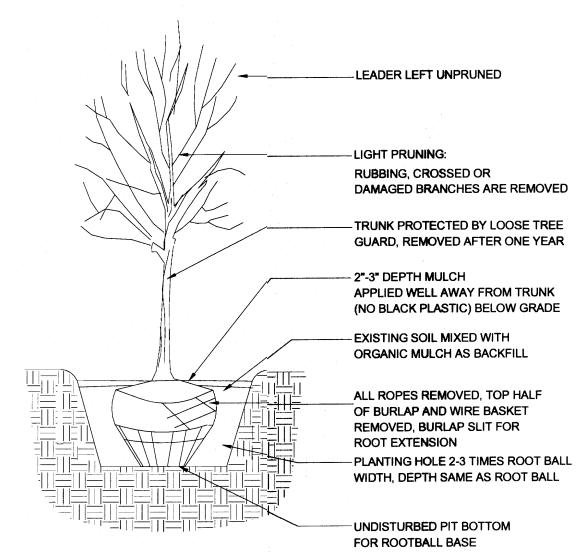
## COBBLE MULCH

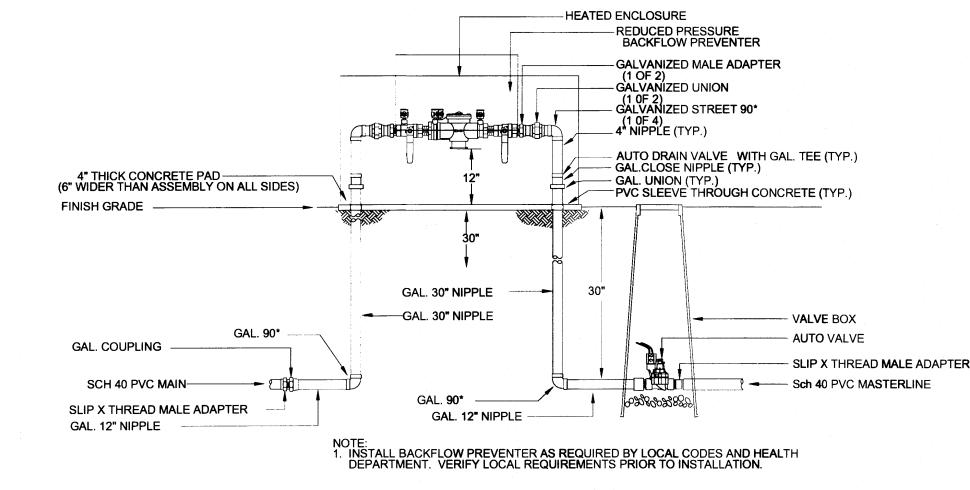
2" - 4" cobble to be placed at curb cuts for site run off and underneath all building downspouts of any new construction.

NUMBER OF PARKING SPACES ..... 294 REQUIRED PARKING LOT TREES ..... 49 (1 per 6 spaces) PROVIDED PARKING LOT TREES ..... 83

No parking space shall be more than 60 feet from a tree.

TOTAL NUMBER OF TREES .....83 SHADE TREES SIGNATURE TREES ..... 26





# TREE PLANTING DETAIL

RP BACKFLOW/MASTER VALVE DETAIL

# DI VNIT CULEDI II E

PLAINT SUR		ULE
SHADE TREES	QTY	SIZE EXAMPLES
£ + )	45	2" B&B Gleditsia triacanthos inermis/Thornless Honey Locust 50' x 45' mature size, Medium+ water use Pistachia chinensis/Chinese Pistache 60' x 60' mature size, Medium water use Sophora japonica/Japanese Pagoda Tree 35' x 35' mature size, Medium water use Ulmus sp./Elm Tree 40' x 40' mature size, Medium water use
+	88	Prunus sp. or Malus sp./Various fruit trees 15' x 15' mature size, Medium water use
SIGNATURE TREES	QTY	SIZE EXAMPLES
	90	15 gal / 24" box / 2" B&B Chilopsis linearis/Desert Willow 20' x 25' mature size, Low water use Vitex agnus castus/Chaste Tree 20' x 20' mature size, Medium water use Forestiera Neomexicana/New Mexican Olive 15' x 15' mature size, Medium water use Rhus glabra/Smooth sumac 12' x 15' mature size, Medium water use
	•	with this symbol are to be planted in large pots placement on top of parking lot deck (see species above)
SHRUBS/GRASSES GROUNDCOVERS	QTY	SIZE EXAMPLES
	772	1 gal/5 gal Vauquelinia sp./Arizona Rosewood 12' x 10' mature size, Low+ water use Perovskia atriplicifolia/Russian Sage 5' x 5' mature size, Medium water use Pinus mugo mugo/Dwarf Mugo Pine 5' x 10' mature size, Medium water use Hesperaloe parviflora/Red Yucca 3' x 4' mature size, Low+ water use Yucca recurvifolia/Soft-leaf Yucca 5' x 4' mature size, Low+ water use Buddleia davidii/Buterfly Bush 5' x 5' mature size, Medium water use Spartium junceum/Spanish Broom 8' x 8' mature size, Medium water use Miscanthus sp./Maiden Grass 5' x 5' mature size, Medium+ water use Nolina microcarpa/Beargrass 5' x 6' mature size, Low water use Juniperus sp./Blue Chip Juniper - female 2' x 5' mature size, Low+ water use 1 gal/5 gal Lavandula angustifolia/English Lavender 3' x 3' mature size, Medium water use
		Calamagrostis 'Karl Foester'/Reed Grass 2' x 2' mature size, Medium water use Muhlenbergia capillaris/Gulf Muhly 3' x 3' mature size, Medium water use Panicum virgatum/Switchgrass 4' x 3' mature size, Medium water use Caryopteris x clandonensis/Blue Mist Spirea 3' x 3' mature size, Low+ water use Salvia greggii/Cherry Sage 2' x 3' mature size, Low+ water use
<b>\_</b> }	45	5 gal Campsis radicans/Trumpet Vine climbing vine, Low+ water use Lonicera sp. /Honeysuckle climbing vine, Medium water use Vitis sp./Edible grapes climbing vine, Medium water use

(plant sizes = height x width)

ANDSCAPE CONTRACTORS www.headsuplandscape.com PO Box 10597 Albuquerque, NM 87184 505.898.9615 505.898.2105 (fax) design@hulc.com 09/15/2014 Revisions: 10/06/2014 Drawn by: Jitka Dekojova Reviewed by: Eddie Padilla 0 ptc Scale: 1" = 30' Sheet Title: Landscape Plan **Sheet Number:** 

# DRAINAGE NARRATIVE

AND HILL

(A) 101 H

and the second

the second

the second

A POPULAR

**(1)** 

et or the

- (1) - (1) (株)

THE PURPOSE OF THIS DRAINAGE PLAN ADDRESSES STORM WATER RUNOFF AND PROPOSED INFRASTRUCTURE NECESSARY TO CONVEY RUNOFF FROM THE PROPOSED SECTION 2 AND SECTION 4 WINROCK TOWN CENTER SITE PLAN. THE PLAN WILL EXHIBIT COMPLIANCE WITH THE CITY OF ALBUQUERQUE DPM CHAPTER 22 AND THE DRAINAGE MASTER PLAN (DMP) FOR WINROCK TOWN CENTER PREPARED BY ISAACSON AND ARFMAN, P.A. DATED FEBRUARY 5,

#### **EXISTING CONDITIONS**

THE WINROCK SITE IS A COMPLEX OF BUILDINGS THAT INCLUDES THE MAIN MALL, A NUMBER OF OUTLYING RESTAURANTS, THE TOYS 'R' US, AND A RECENTLY COMPLETED MOVIE THEATER. THE EXISTING MALL BUILDING IS COMPOSED OF A NUMBER OF INDIVIDUAL BUILDINGS THAT WERE ENCLOSED BY

THE SITE IS BOUNDED BY INDIAN SCHOOL ROAD TO THE NORTH, AMERICA'S PARKWAY (AKA UPTOWN LOOP) TO THE NORTHWEST, LOUISIANA BLVD TO THE WEST, I-40 AND THE EMBUDO ARROYO TO THE SOUTH, THE WINROCK VILLAS CONDO COMPLEX TO THE EAST, AND PENNSYLVANIA AVE TO THE NORTHEAST. THE SITE GENERALLY SLOPES FROM THE EAST TOWARDS THE SOUTHWEST CORNER.

EXISTING DRAINAGE PATTERNS DIRECT STORM WATER TOWARDS ONE OF THE EXISTING STORM DRAINS, OR TO THE SURROUNDING ROADS. THE SITE IS COMPLETELY DEVELOPED WITH ABOUT 88% IMPERVIOUS AREA.

- "DRAINAGE MASTER PLAN" FOR WINROCK TOWN CENTER BY ISAACSON AND ARFMAN, P.A. DATED 2/5/2015
- "PHASE 1 AMENDMENT TO THE FINAL DRAINAGE STUDY FOR WINROCK REDEVELOPMENT" BY HUITT- ZOLLARS, INC. DATED 09/07/2011 (H-Z
- "FINAL DRAINAGE STUDY FOR WINROCK REDEVELOPMENT WINROCK MARKET CENTER" BY HUITT- ZOLLARS, INC. DATED 03/13/2006 (H-Z DRAINAGE

IN THE EXISTING CONDITION THE SITE IS FULLY DEVELOPED AND DOESN'T PROVIDE ANY ONSITE DETENTION, RESULTING IN A HISTORIC FREE-DISCHARGE FROM THE OVERALL WINROCK SITE. DOWNSTREAM DRAINAGE INFRASTRUCTURE IS SIZED TO ACCEPT THE EXISTING FLOWS FROM EACH EXISTING DISCHARGE POINT.

### DMP DRAINAGE BASINS INCLUDED IN THIS PROJECT:

- BASIN 110 BASIN 300 BASIN 400
- BASIN 500 BASIN 500P BASIN 510 BASIN 530

## DMP REQUIREMENTS INCLUDE THE FOLLOW:

- DESIGN EACH PROJECT USING THE LAND TREATMENTS CALLED OUT FOR EACH BASIN IN THE HYDROLOGY CALCULATIONS IN APPENDIX B.
- EVERY NEW DEVELOPMENT IS REQUIRED TO BUILD DOWNSTREAM STORM DRAINS THAT ARE SHOWN IN THIS DMP. THE IMPROVEMENTS MUST MEET CITY OF ALBUQUERQUE STANDARDS.
- THE DEVELOPMENTS ARE ALSO REQUIRED TO **DESIGN HOW FLOWS ARE DIRECTED** TO THAT INFRASTRUCTURE.
- EXAMPLES INCLUDE NUMBER AND LOCATION OF STORM INLETS, ROOF DRAIN CONNECTIONS, SIDEWALK CULVERTS, STREET FLOW CAPACITY, ETC.
- AS PART OF THE INDIVIDUAL GRADING & DRAINAGE PLANS, EVERY NEW DEVELOPMENT WITHIN THE PROJECT IS REQUIRED TO TREAT "FIRST FLUSH" STORM WATER PER CITY OF ALBUQUERQUE DPM REQUIREMENTS.
- "ROOFTOP" BASINS WILL BE DIRECTED TO THE WATER FEATURE IN BASIN 500P FOR TREATMENT.
- EXISTING STORM DRAINS THAT ARE UNDER PROPOSED BUILDINGS MUST BE REMOVED. OTHER EXISTINGSTORM DRAINS THAT ARE NOT TO BE USED MAY BE ABANDONED IN-PLACE.

## STORM DRAIN 1 - 36" RCP

FIVE BASINS WILL DISCHARGE STORM WATER INTO STORM DRAIN 1.

- BASINS 500 A3, A4, A5 & A6 ARE ROOF TOP BASINS AND WILL DISCHARGE VIA ROOF DRAINS ONTO BASIN 500 C1.
- BASIN 500 C1 IS THE LOADING DOCK AREA AND IS GRADED TO A SUMP CONDITION AND A QUAD TYPE 'D' INLET IS LOCATED IN THE LOWEST POINT. THE INLET IS ANALYSIS POINT 1 (AP 1). NOTE THAT ROOF TOP BASINS WILL BE REROUTED IN THE FUTURE TO CISTERN LOCATED AT THE PROPOSED PARK.

# STORM DRAIN 2 - 42" RCP

- TWO BASINS PLUS STORM DRAIN 1 WILL DISCHARGE STORM WATER INTO STORM DRAIN 2.
- BASIN 500 C2 IS AN ACCESS ROAD AND DISHARGES ONTO BASIN 500 C5.
- BASIN 500 C5 HAS A BANK OF DOUBLE C INLETS AT ANALYSIS POINT 2 (AP 2) DISCHARGING INTO STORM DRAIN 2.

# STORM DRAIN 3 - 24" RCP

ONE BASIN DISCHARGES INTO STORM DRAIN 3.

BASIN 530 A1 DISCHARGES INTO STORM DRAIN 3 IN A BANK OF INLETS AT ANALYSIS POINT 3 (AP 3).

# STORM DRAIN 4 - 36" RCP

- FIVE BASINS AND STORM DRAIN 3 WILL DISCHARGE STORM WATER INTO STORM DRAIN 4.
- BASIN 500 A7 IS A ROOF TOP BASIN AND HAS ROOF DRAINS DISCHARGING INTO BASIN 500 C4 VIA SIDEWALK CULVERTS.
- BASIN 500 C4 IS A PARKING FIELD HAS A TYPE DOUBLE C INLET DISCHARGING INTO STORM DRAIN 3 AT ANALYSIS POINT 4 (AP 4).
- BASIN 500 C3 IS A PARKING FIELD HAS A TYPE DOUBLE C INLET DISCHARGING INTO STORM DRAIN 3 AT ANALYSIS POINT (AP 4).
- BASIN 530 A3 IS A PORTION OF THE RING ROAD AND DISCHARGES INTO BASIN 500 C5 VIA SURFACE FLOW.
- BASIN 500 C5 IS ALSO A PORTION OF THE RING ROAD. BASIN 500 C5 HAS A DOUBLE C A TYPE DOUBLE C INLET DISCHARGING INTO STORM DRAIN 4 AT ANALYSIS POINT 5 (AP 5).

# STORM DRAINS 2 AND 4 DISCHARGE INTO THE EXISTING 42" STORM DRAIN WHICH DISCHARGES AT OUTFALL 3 INTO THE I-40 CHANNEL.

# STORM DRAIN 5 - 18" HDPE

TWO BASINS WILL DISCHARGE INTO STORM DRAIN 5.

- BASIN 500 A1 IS A ROOF TOP BASIN AND THE ROOF DRAINS WILL BE TIED INTO STORM DRAIN 5.
- BASIN 500 A2 IS A ROOF TOP BASIN AND THE ROOF DRAINS WILL BE TIED INTO STORM DRAIN 5.

# STORM DRAIN 6 - 42" RCP

DMP STORM DRAIN FOR BASIN 300. STORM DRAIN DISCHARGES TO EXISTING 84" STORM DRAIN.

# STORM DRAIN 7 - 36" RCP

DMP STORM DRAIN FOR BASIN 300. STORM DRAIN DISCHARGES INTO STORM DRAIN 6.

# STORM DRAIN 8 - 36" RCP

DMP STORM DRAIN FOR BASIN 300. STORM DRAIN DISCHARGES INTO STORM DRAIN 7.

# "FIRST FLUSH" TREATMENT

BASINS WITH PARKING FIELDS HAVE DEPRESSED LANDSCAPE PARKING ISLANDS AND ARE GRADED TO ACCEPT SURFACE FLOWS ON THE HIGH SIDE AND EXCESS WATER WILL SPILL OVER THE HIGH SIDE CURBING IN ORDER TO TREAT THE "FIRST FLUSH" EVENT. THESE BASIN INCLUED:

- BASIN 500 C4
- BASIN 500 C3
- BASINS WITHIN 400
- BASINS WITH 300
- BASIN 500 B1 IS THE UPPER LEVEL OF THE PARKING STRUCTURE. BASIN 500 B1 DISCHARGES ONTO BASIN 500 D1. BASIN 500 D1 IS A DEPRESSED LANDSCAPE STRIP EXTENDING THE FULL LENGTH OF THE PARKING STRUCTURE.

FIRST FLUSH TREATMENT FOR THIS PROJECT IS A PHASED APPROACH. FUTURE PHASES INCLUDE A CISTERN SIZED TO ACCOMMODATE MOST ROOF RUNOFF TO BE USED FOR LANDSCAPE IRRIGATION.



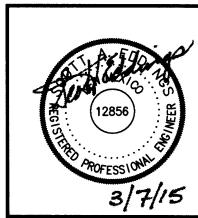
# **HYRDOLOGY**

1115	IDOL			-											·····				
Basin	Sub-Basin	Description		Land Treat	ements (DE	EVELOPED)				O-YR Peal	k Discharge	•	10	0-YR Peal	Discharg	<b>R</b>			Drainage Master Plan
				ı	Percentage		AREA	AREA		CFS/	ACRE			CFS/	ACRE		16-YR PEAK FLOW	100-YR PEAK FLOW	100-YR PEAK FLOW
			A	В	l c	ם	SF	AC	Α	В	С	D	A	В	С	D	CFS	CFS	CFS
			. 0			9		70				9	-						
					<u> </u>	5.53	12 21112			2								7.0	
110	A1	Roads and Parking Field	0	17	0	83	68,124	1.564	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	4.7	7.2	
110	A2	Roads and Parking Field	0	17	0	83	6,001	0.138	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	0.4	0.6	
TOTAL								1.702									<u>5.1</u>	<u>7.8</u>	<u>10.4</u>
							_											ĺ	
-11	• •	B 112 B 47				400	22.000	0.700	0.50	4.40	2.00	0.00	1.87	2.60	3.45	5.02	2.6	3.9	
300	A1	Building Roof Top	0	0	0	100	33,966	0.780	0.58	1.19	2.00	3.39			in the second		and the state of t		
300	A2	Building Roof Top	0	0	0	100	193,967	4.453	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	15.1	22.4	
300	A3	Building Roof Top	0	0	0	100	31,477	0.723	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	2.4	3.6	
300	Α4	Roads and Parking Field	0	17	0	83	15,869	0.364	0.58	1,19	2.00	3.39	1.87	2.60	3.45	5.02	1.1	1.7	
		***	0	17	0		93,477	2.146	0.58	1.19	2.00	3.39	1.87	2,60	3.45	5.02	6.5	9.9	
300	A5	Roads and Parking Field				83	<u> </u>						ļ		:				
300	A6	Roads and Parking Field	0	17	0	83	36,154	0.830	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	2.5	3.8	
300	A7	Pad Site	0	17	0	83	16,756	0.385	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	1.2	1.8	
300	A8	Road	0	17	0	83	8,992	0.206	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	0.6	1.0	
300	A9	Road	0	17	<del>                                     </del>	83	10,214	0.234	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	0.7	1.1	
10 11	ΑS	Road	0	17	0	65	10,214		0.30	1.10	2.00	0.00	1.01	2.00	3.43	3.0 <u>L</u>			402.0
TOTAL								10.121									<u>32.8</u>	<u>49.1</u>	<u>120.2</u>
400	<b>A</b> 1	Roads and Parking Field	0	9	0	91	70,877	1.627	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	5.2	7.8	
400	A2	Roads and Parking Field	0	9	1 0	91	31,688	0.727	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	2.3	3.5	
			****																
400	A3	Parking Garage Ramp To Below Grade	0	0	0	100	4,445	0.102	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	0.3	0.5	
400	A4	Parking Garage Ramp To Below Grade	0	0	0	100	4,971	0.114	0.58	1,19	2.00	3.39	1.87	2.60	3.45	5.02	0.4	0.6	
400	<b>A</b> 5	Roads and Parking Field	0	9	0	91	14,071	0.323	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	1.0	1.6	
TOTAL		-					_	2.894									<u>9.3</u>	13.9	15.2
							_	======											
							name ve v												
500	A1	Building Roof Top	0	0	0	100	17,042	0.391	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	1.3	2.0	
500	A2	Building Roof Top	0	0	0	100	19,339	0.444	0.58	1.19	2.00	3.39	1.87	2,60	3.45	5.02	1.5	2.2	
500	A3	Building Roof Top	0	0	0	100	43,404	0.996	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	3.4	5.0	
			0	0	1	100	51,894	1,191	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	4.0	6.0	
500	A4	Building Roof Top	:	4						ļ			ļ						
500	A5	Building Roof Top	0	0	0	100	27,646	0.635	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	2.2	3.2	
500	A6	Building Roof Top	0	0	0	100	33,374	0.766	0.58	1,19	2.00	3.39	1.87	2.60	3.45	5.02	2.6	3.8	
500	A7	Building Roof Top	0	0	0	100	46,707	1.072	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	3.6	5.4	
TOTAL								5.496									18.6	27.5	<u>26.5</u>
IOIAL								3.400											
									<u> </u>										
500	B1	Exposed Parking Structure	0	0	0	100	63891	1.467	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	5.0	7.4	
TOTAL								1.467									<u>5.0</u>	7.4	
500		Deads and Deading Side	C	47	n	89	43,269	0.000	0.50	4 40	2.00	3.39	1.87	2.60	3.45	5.02	3.0	4.6	
500	C1	Roads and Parking Field	0	17	U	83	<del> </del>	0.993	0.58	1.19					<del> </del>				
500	C2	Roads and Parking Field	0	17	0	83	15,659	0.359	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	1.1	1.7	
500	C3	Roads and Parking Field	0	17	0	83	44,893	1.031	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	3.1	4.7	
500	C4	Roads and Parking Field	0	17	0	83	64,510	1.481	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	4.5	6.8	
500	C5	Roads and Parking Field	0	17	<u> </u>	83	38,683	0.888	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	2.7	4.1	
	C3	INDAUS AND FAINING FIELD		11	, v	33	30,003		0.56	1,15	2.00	3.38	1,01	2.00		3.04			28.0
TOTAL								4.752	<u> </u>								14.3	21.9	<u>30.8</u>
500	D1	Landscape	0	100	0	0	6,886	0.158	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	0.2	0.4	
TOTAL								0.158									0.2	0.4	
							-												
	*****	<u> </u>	-			yare.		2 2 2 2		2 32			2.4-	0.55	<b>1</b>	F 4-	4.5	7.0	
500P	A1	Building Roof Top	0	0	0	100	62,937	1.445	0.58	1,19	2.00	3.39	1.87	2.60	3.45	5.02	4.9	7.3	
TOTAL								1.445									<u>4.9</u>	7.3	<u>10.1</u>
510	A1	Building Roof Top	0	0	0	100	50,928	1.169	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	4.0	5.9	
	ļ			4	- 0				ļ.,		<b>-</b>								
510	A2	Roads and Parking Field	0	17	0	83	117,825	2.705	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	8.2	12.5	
TOTAL								3.874									<u>12.1</u>	<u>18.3</u>	<u>17.9</u>
530	A1	Roads and Parking Field	0	17	0	83	98,598	2.263	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	6.8	10.4	
		· -	0	17	0	83	12,152	0.279	0.58		2.00	3.39	1.87	2.60	3.45	5.02	0.8	1.3	
530	A2	Roads and Parking Field	ļ <u>-</u>							1.19	ļ					-			
	A3	Roads and Parking Field	0	17	0	83	8,385	0.193	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	0.6	0.9	
530								2.735									<u>8.2</u>	12.6	<u>10.0</u>
TOTAL		0.0000000000000000000000000000000000000	1																
											<b></b>			<ul> <li>A property of the control of the contr</li></ul>	·		•	·	
TOTAL	A Z	Danda	0	3	40	OE .	10 200	0.000	O E P	4 40	2.00	2 20	1 97	260	2 15	5.02	0.7	1 1	
TOTAL 600	A1	Roads	0	3	12	85	10,289	0.236	0.58	1.19	2.00	3.39	1.87	2.60	3.45	5.02	0.7	1.1	
TOTAL	A1 A2	Roads Roads and Parking Field	0	3	12	85 85	10,289 113,392	0.236 2.603	0.58 0.58	1.19	2.00	3.39 3.39	1.87	2.60 2.60	3.45 3.45	5.02 5.02	8.2	12.4	
TOTAL 600	100000000000000000000000000000000000000		7.					***************************************								<del></del>			18.4
600 600	100000000000000000000000000000000000000		7.					2.603								<del></del>	8.2	12.4	18,4
600 600	100000000000000000000000000000000000000		7.					2.603								<del></del>	8.2	12.4	18.4

333 Rio Rancho Drive NE, Suite 101 Rio Rancho, New Mexico 87124 Phone (505) 892-5141 Fax (505) 892-3259

P K P



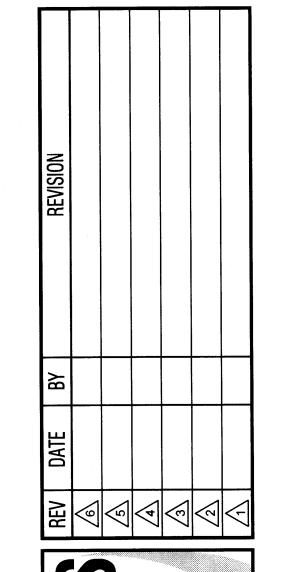


# FIRST FLUSH

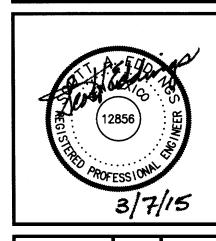
The content of the	FIRS	ST FLU													8" DEEP DEPRESSED LANDSCAPE AREA REQUIRED
10	Basin	Sub-Basin	Description				ELOVED)								
10								AREA	AREA		CF/A	CRE		VOLUME	SQUARE FEET
The content of the				A	8	C	D	SF	AC	A	8	С	D	CF	
The content of the				7.77		200									
10   10   10   10   10   10   10   10					12.00		60	60 124	1 564	300	545	762	1416	1 982 94	
The content of the	110	A1	Roads and Parking Field	0	17	0									
Column	110	A2	Roads and Parking Field	0	17	0	83	6,001	0.138	399	545	762	1416		
The color	TOTAL								<u>1.702</u>					<u>2,157.63</u>	<u>3,236.44</u>
Column   C															
Column   C				-			400	22.066	0.780	300	545	762	1416	1.104.13	
Column   C	300	A1	Building Roof Top	0					ļ						
	300	A2	Building Roof Top	0	0	0	100	193,967	4.453	399		:		10000	
Second Company	300	A3	Building Roof Tep	0	0	0	100	31,477	0.723	399	545	762	1416	1,023.21	
March   March   Register President   1		11. 11.11		n	17	0	83	15,869	0.364	399	545	762	1416	461.92	
100   100					3.	971			2 1/16	300	545	762	1416	2.720.91	
Column   C	300	A5		U	······										
1.0   1.0	300	A6	Roads and Parking Field	0	17	0	83	36,154							
100   Add	300	A7	Pad Site	0	17	0	83	16,756	0.385	399	545	762	1416	487.72	
1975   1975		ΔR	Road	n	17	0	83	8,992	0.206	399	545	762	1416	261.75	
An									0.234	399	545	762	1416	297.31	
Property   Property	300	А9	Koao	U	17	U	83	10,217		377				13.71/ 60	20.571.89
Col   A2	TOTAL								10.121					10,714,00	
Col   A2															
A2	400	A1	Roads and Parking Field	0	9	0	91	70,877	1.627	399	545	762	1416	2,176.45	
Col.   A.									0.727	399	545	762	1416	973.04	
AB															
Column   C	400	A3	Parking Garage Ramp To Below Grade	0	0	0			ļ						
Column   C	400	A4	Parking Garage Ramp To Below Grade	0	0	0	100	4,971	0.114	399	545				
	400	A5	Roads and Parking Field	0	9	0	91	14,071	0.323	399	545	762	1416	432.09	
									2.894					3,887.66	<u>5,831.50</u>
Sect   A   Second recording   V	IUIAL														
Sect   A   Second recording   V								1 (1) (1) (1)	0.11			700	4440	EE2 00	
500   A.7	500	A1	Building Roof Top	0	0	0	100	17,042	0.391	399	545				
550   As	500	A2	Building Roof Top	0	0	0	100	19,339	0.444	399	545	762	1416	628.66	
According from the color of t				0	ñ	0	100	43,404	0.996	399	545	762	1416	1,410.92	
500   A8			100, 10 100		0	120		51 894	1 191	399	545	762	1416	1,686.90	
Section   AS	500	A4													
Section   Sect	500	A5	Building Roof Top	0	0	0	100	27,646					ļ		
Fig.	500	A6	Building Roof Top	0	0	0	100	33,374	0.766	399	545	762	1416		
Second   Part   Express Parting Stage		Δ7		0	0	0	100	46,707	1.072	399	545	762	1416	1,518.28	
State		73.1							5.496					7,782.31	<u>11,673,46</u>
Section   Sect	IUIAL														
Section   Sect											5.45	700	4446	2.076.90	
State   Stat	500	B1	Exposed Parking Structure	0	0	0	100	63891	1.467	399	545	702	1410	:::::	
Sign   C1   Roads and Parting Fleid   D   17   C   63   43,200   0.063   390   545   762   5416   406,80	TOTAL								1.467					<u>2,076.90</u>	3,115.35
Second   Face   Face			<b>*************************************</b>												
Store   Stor			<u></u>		47	0	83	43 269	0.993	399	545	762	1416	1,259.45	
Food   C2   Reacts and Pristing Field   0   17   0   63   44,883   1,001   390   545   762   1418   1,306,73	500	C1	Roads and Pairing Field							10000				455.80	
Second   Column   Records and Proling Fleet   St.   17	500	C2	Roads and Parking Field	0	17	0									
Solid   Color   Roads and Palsing Field   D   17   0   63   39,685   0.888   399   545   762   1416   1,125.96   1,125.96	500	C3	Roads and Parking Field	0	17	0	83	44,893	1.031	399	545	762	1416		
SOUND   C.S.   Roads and President Field   Sound   S	500	CA	Roads and Parlilled Field	0	17	0	83	64,510	1.481	399	545	762	1416	1,877.74	
TOTAL    South   Control   Control					17	1 0	83	38,683	0.888	399	545	762	1416	1,125.96	
Solid   Color   Colo	500	LO .	Roads and Faishing Flest		3.55	175	1777	2 24 30 11 20 11	A 750					6.025,68	9,038.52
Solid   Soli	TOTAL								7/13/00					-	
Solid   Soli										<b></b>					
100   1.445	500	D1	Landscape	0	100	0	0	6,886	0.158	399	545	762	1416		
Source   S		2.1000			1				0.158					<u>86.2</u>	<u>129.23</u>
TOTAL	IUIAL														•
TOTAL					_		400	e0.027	1 445	200	545	762	1416	2045 9	
TOTAL  510 A1 Bullding Repl Top 0 0 0 1100 50,928 1.169 399 545 762 1416 1655.5  510 A2 Roads and Pasking Field 0 17 0 83 117,825 2.705 399 545 762 1416 3429.6  530 A1 Roads and Pasking Field 0 17 0 83 98,598 2.283 399 545 762 1416 2869.9  530 A2 Roads and Pasking Field 0 17 0 83 12,152 0.279 399 545 762 1416 353.7  530 A3 Roads and Pasking Field 0 17 0 83 8,385 0.193 399 545 762 1416 244.1  TOTAL  600 A1 Roads and Pasking Field 0 17 0 83 8,385 10,289 0.236 399 545 762 1416 309.8  600 A2 Roads and Pasking Field 0 17 0 83 8,385 10,289 0.236 399 545 762 1416 309.8  600 A2 Roads and Pasking Field 0 3 12 85 10,289 0.236 399 545 762 1416 309.8  600 A2 Roads and Pasking Field 0 3 12 85 113,392 2.803 399 545 762 1416 3413.7	500P	A1	Building Roof Top	0	0	0	100	02,931		393	373	102	17.0		2 069 82
Single   S	TOTAL								1.85					2043.8	- Albanana
Single   S															
Solid   Soli	540	***	Duilléan Doublean	0	n	0	100	50,928	1.169	399	545	762	1416	1655.5	
Solid   Soli	2 2 2 2				*				2.705	399	545	762	1416	3429.6	
TOTAL    Solid Column	510	A2	Roads and Parking Field	0	17	U	63	117,023		-	1	1	1		7.627.68
530 A2 Roads and Parking Field 0 17 0 83 12,152 0.279 399 545 762 1416 353.7  530 A3 Roads and Parking Field 0 17 0 83 8,385 0.193 399 545 762 1416 244.1  TOTAL  600 A1 Roads  0 3 12 85 10,289 0.236 399 545 762 1416 309.8  600 A2 Roads and Parking Field 0 3 12 85 113,392 2.603 399 545 762 1416 3413.7	TOTAL								3.8/4					<u> </u>	-12-22
530 A2 Roads and Parking Field 0 17 0 83 12,152 0.279 399 545 762 1416 353.7  530 A3 Roads and Parking Field 0 17 0 83 8,385 0.193 399 545 762 1416 244.1  TOTAL  600 A1 Roads  0 3 12 85 10,289 0.236 399 545 762 1416 309.8  600 A2 Roads and Parking Field 0 3 12 85 113,392 2.603 399 545 762 1416 3413.7															
Solution   Solution	520	Δ1	Roads and Parking Field	0	17	0	83	98,598	2.263	399	545	762	1416	2869.9	
530 A3 Roads and Parking Field 0 17 0 83 8,385 0.193 399 545 762 1416 244.1  TOTAL  600 A1 Roads 0 3 12 85 10,289 0.236 399 545 762 1416 309.8  600 A2 Roads and Parking Field 0 3 12 85 113,392 2.603 399 545 762 1416 3413.7						<del>                                     </del>	83	12 152	0.279	399	545	762	1416	353.7	
530 A3 Roads and Parking Field 0 17 0 65 5,201.60  TOTAL  600 A1 Roads C Roads and Parking Field 0 3 12 85 113,392 2.603 399 545 762 1416 3413.7  600 A2 Roads and Parking Field 0 3 12 85 113,392 2.603 399 545 762 1416 3413.7		A2			4										
TOTAL  600 A1 Roads  Roads  762 1416 309.8  600 A2 Roads and Parking Field  763 12 85 113,392 2.603 399 545 762 1416 3413.7  765 1416 3413.7	530	А3	Roads and Parking Field	0	17	0	83	6,363		355	J-43	102	1-710		5 204 86
600 A1 Roads 0 3 12 85 10,289 0.236 399 545 762 1416 309.8 600 A2 Roads and Parking Field 0 3 12 85 113,392 2.603 399 545 762 1416 3413.7 5,585.23	TOTAL								2.735					340f.f	STEATING.
600 A1 Roads 0 3 12 85 10,200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0															
600 A1 Roads	555	* * *	Donale	n	2	12	85	10.289	0.236	399	545	762	1416	309.8	
600 A2 Roads and Parking Field 0 3 12 69 115,585 23											545	762	1416	3413.7	
TOTAL 2.839 37.25.25 37.25.25 37.25.25 37.25.25 37.25.25 37.25.25 37.25.25 37.25.25 37.25.25 37.25.25 37.25.25	600	A2	Roads and Palking Field	0	3	12	63	113,384		003	+	1	1		5,585.23
	TOTAL								2.639					91233	212222

# **ANALYSIS POINT**

BASIN SUB-BASIN 100-YR PEAK FLOW	2 A1 .6 3.9	82 22.4	A3 A 3.6 1.	1 A5 7 9.9	A6 3.8	A7 1.8	AS 1	A3 /	A1 /.8	A2 A3 3.5 0.5	A4 0.6	AS 1.6	A1 2	#2 2.2	A3 5	## T	151   A   3.2   3.1	A 5	7   13 4   7A	61 4.8	C2 1.7	<b>63</b>	C4 6.8	C5 4.1	D1 0.4	A1 7.3	A1 5.9	A2 12.5	A1 10.4	530 A2 1.3		A1 A 1.1 12
ANALYSIS POINT															5	6	32 31	8		4.6												
AP1 22.6 AP2 4.57																					1.7			2.87								
AP3 10.4																													10.4			
APA 7.52																		5	.4					1.23							0.9	



	•
77	
	UITE 350 ICO 87102
	ن ا
3	ALBUQUERQUE, NEW MEXICO 87102
	) јј ф
	EOS
	' > \overline{\Sigma}
	$\geq \geq 2$
	وكنوا
	<b>I</b> ♦ ਜੰ 8
	) (1) (2)
	220 COPPER AVE. N.W. ALBUQUERQUE, NEW M
	100 k
	ことと



	3/7	7/15
AND 4	DRAWN BY: KIS	
SECTION 2 AND 4 SENTER IEW MEXICO	JOB NO.	I NV IC

WINROCK TOWN CENTER ALBUQUERQUE, NEW MEXICO SCOTT EDDINGS P.E. 303699.01

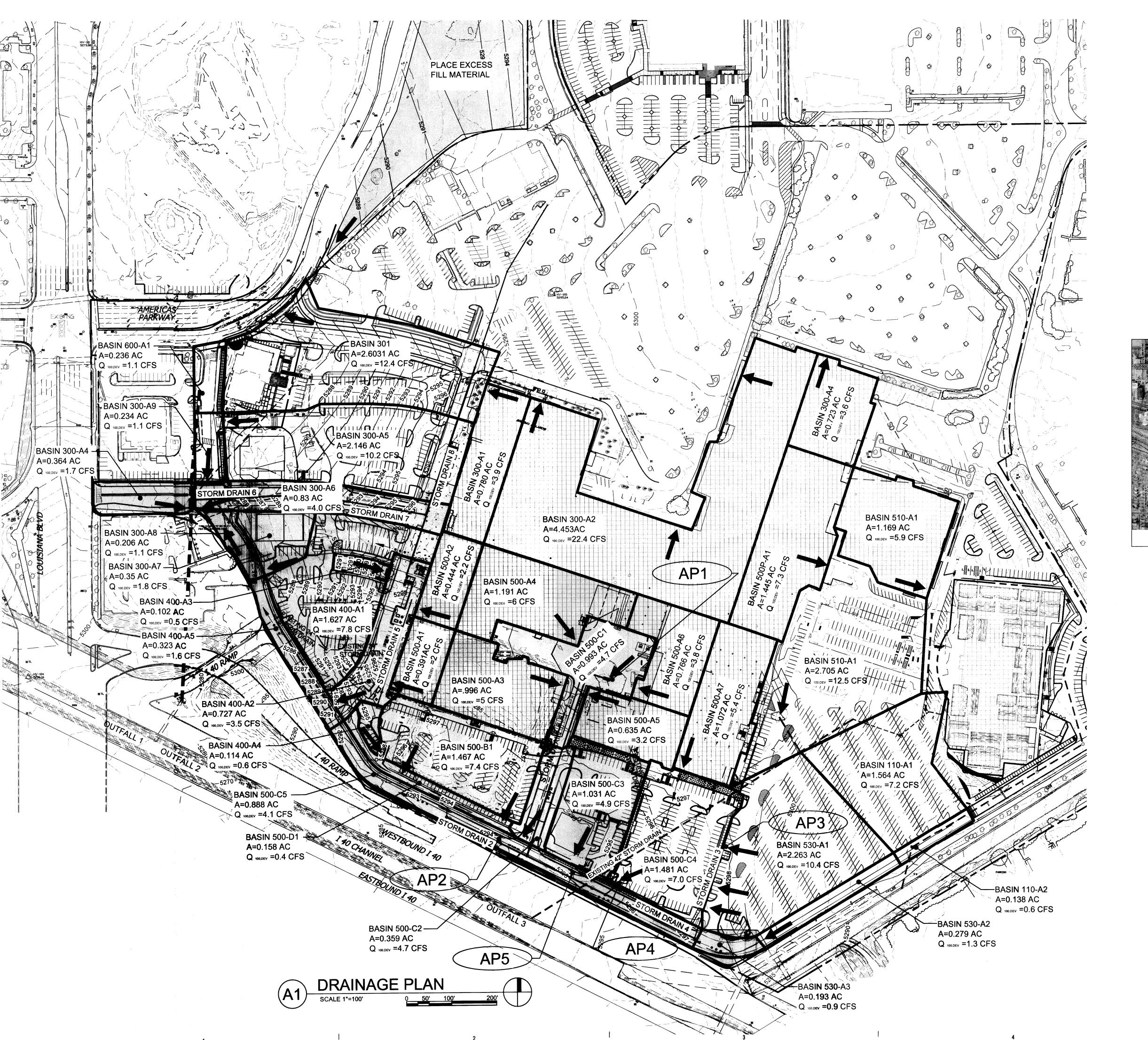
Huitt-Zollars, Inc.

Rio Rancho
333 Rio Rancho Drive NE, Suite 101
Rio Rancho, New Mexico 87124
Phone (505) 892-5141

Fax (505) 892-3259

DATE: Sheet- X
O3/06/15

SCALE: Of- XX



(1) m (1)

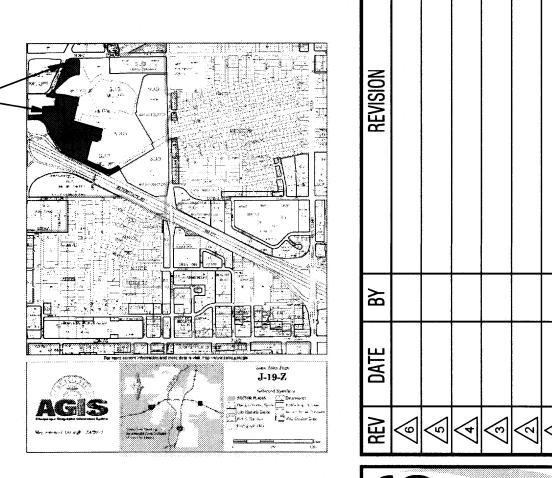
#1 m1 m

() (i) (ii)

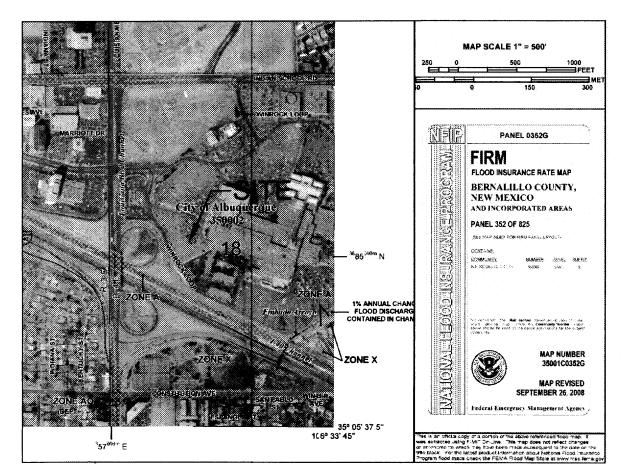
(1) 11 (M)

(1) 11 (A)

The second of th



# **ZONE ATLAS PAGE J-19-Z**



FIRM PANEL 35001C0352G





CONSTRUCTION LIMITS

BASIN BOUNDARY

DISCHARGE LOCATION

FLOW DIRECTION

# FLOOD ZONE

PER THE FEMA MAP NUMBER 35001 C0352G DATED SEPTEMBER 26, 2008 SHOWS THE SITE IS NOT LOCATED WITHIN A FLOOD HAZARD ZONE AREA.

# **ENGINEER'S CERTIFICATION**

I PERSONALLY INSPECTED THIS SITE AND NO GRADING, FILLING, OR EXCAVATION HAS OCCURRED SINCE THE PREPARATION OF THE TOPOGRAPHY SHOWN ON THIS PLAN

12856 HAD AROFESSIONAL BY STATE OF THE STATE

TAK T

	AND 4		DRAWN BY:	KLS	
۸N.	K SECTION 2 AND 4	WN CENTER JE, NEW MEXICO	JOB NO.	303699.01	
	X SE	WN CEN JE, NEW		, P.E.	i

	MINDC
luitt-Zollars, Inc.	Rio Rancho
333 Rio Rancho Dri	ve NE, Suite 101
Rio Rancho, New	Mexico 87124
Phone (505) 892-5141	Fax (505) 892-3259

DATE:

O3/06/15

SCALE:

SKETTITE

S

1"=100'

