

Albuquerque, NM 87109

TG 10/03/03 03040.001

LANDSCAPE NOTES: Landscape maintenance shall be the responsibility of the Property Owner.

It is the intent of this plan to comply with the City Of Albuquerque Water Conservation Landscaping and Water Waste Ordinance planting restriction approach.

Approval of this plan does not constitute or imply exemption from water waste provisions of the Water Conservation Landscaping and Water Waste Ordinance. Water management is the sole responsibility of the Property Owner.

All landscaping will be in conformance with the City of Albuquerque Zoning Code, Street Tree Ordinance, Pollen Ordinance, and Water Conservation Landscaping and Water Waste Ordinance. In general, water conservative, environmentally sound landscape principles will be followed in design and installation.

Plant beds shall achieve 75% live ground cover at maturity.

Tree Requirements: 1 per 1500sf landscape area/
1 per 6 parking spaces, 1 tree 20' o.c. on Innovation
Parkway, and 1 per 30' o.c. on Research Road.

Santa Ana Tan Gravel over Filter Fabric shall be placed in all landscape areas which are not designated to receive native seed.

Shrubs shall be planted a minimum of 3' from tree trunk, for ease of maintenance.

IRRIGATION NOTES:

Irrigation shall be a complete underground system with Trees to receive (5) 1.0 GPH Drip Emitters and Shrubs to receive (2) 1.0 GPH Drip Emitters. Drip and Bubbler systems to be tied to 1/2" polypipe with flush caps at each end.

Run time per each drip valve will be approximately 15 minutes per day, to be adjusted according to the season.

Point of connection/backflow preventer for irrigation system is unknown at current time and will be coordinated in the field.

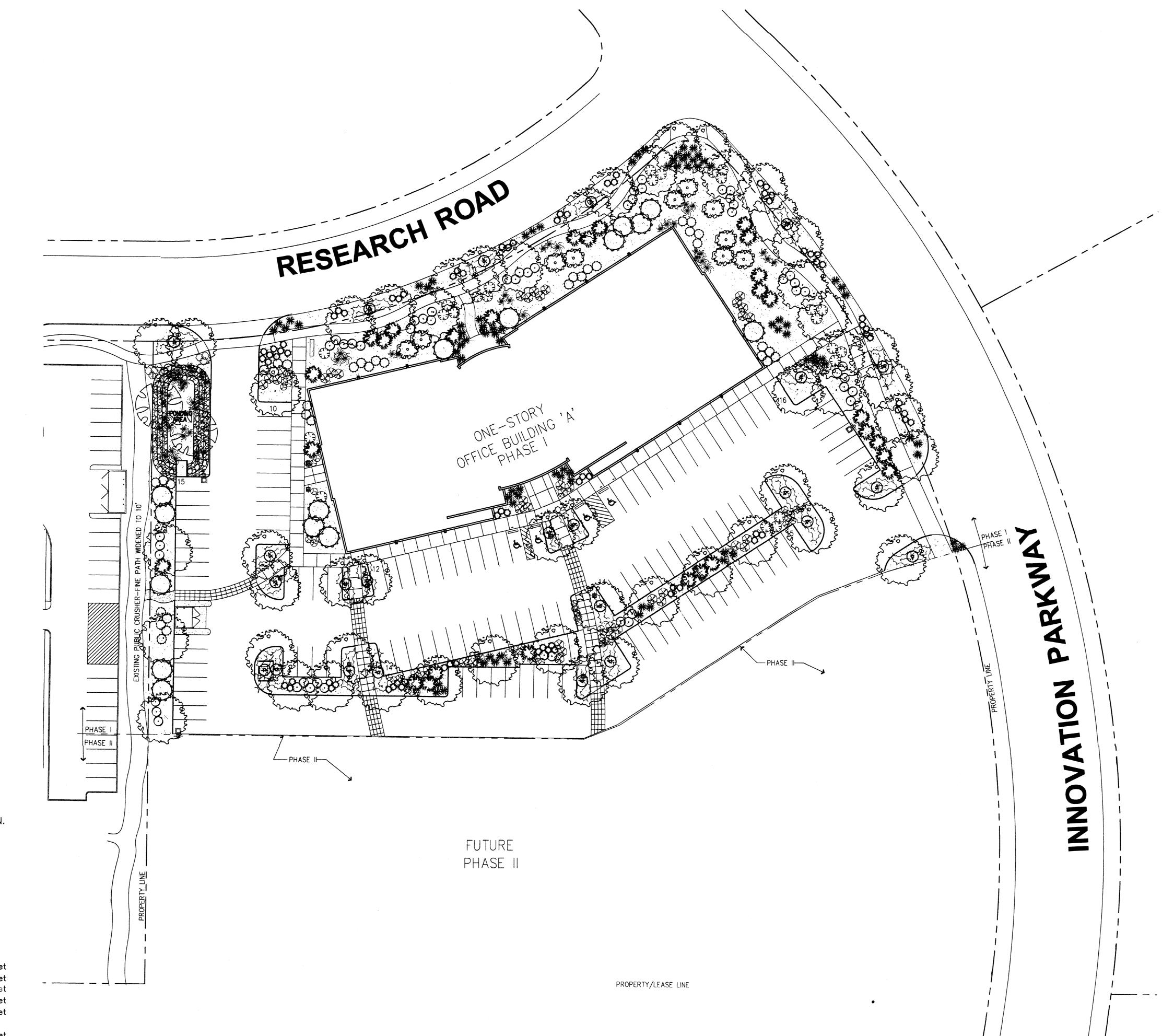
Irrigation will be operated by automatic controller. Location of controller to be field determined and power source for controller to be provided by others.

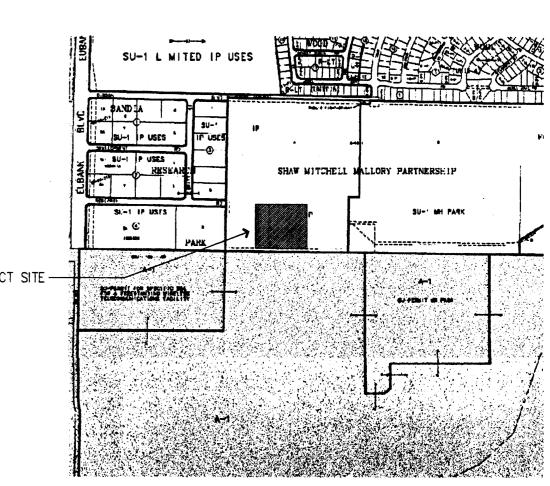
Irrigation maintenance shall be the responsibility of the Property Owner.

FINAL LANDSCAPING LAYOUT AND DESIGN TO BE DETERMINED UPON RECEIPT OF FINAL GRADING PLAN.

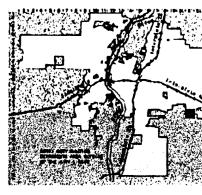
LANDSCAPE CALCULATIONS

NET LANDSCAPE AREA TOTAL LOT AREA _____208613 ____ square feet ____117072 square feet TOTAL PHASE 1 AREA TOTAL BUILDINGS AREA _______ square feet _____square feet OFFSITE AREA NET LOT AREA ____86640 ____ square feet LANDSCAPE REQUIREMENT ___15%____ ____12996 ____ square feet TOTAL LANDSCAPE REQUIREMENT TOTAL LANDSCAPE PROVIDED _____33316 ____ square feet TOTAL SOD PROVIDED ____ o ____ square feet TOTAL NATIVE SEED PROVIDED _____ square feet _____33316 ____ square feet TOTAL BED PROVIDED _____square feet TOTAL PONDS PROVIDED TOTAL MINUS PONDS 32002 square feet GROUNDCOVER REQ. _____75%_____ square feet TOTAL GROUNDCOVER REQUIREMENT 24001 square feet TOTAL GROUNDCOVER PROVIDED ______ square feet





Zone Atlas Page M-21-Z ORAPHIC SCALE IN FEET



6801 Jefferson NE Suite 100 Albuquerque, NM 87109

505 761-9700 fax 761-4222 dps@dpsabq.com

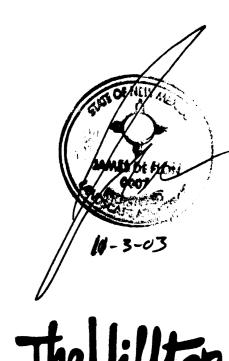
ADMINISTRATIVE

APPROVAL

PLANT LEGEND CHINESE PISTACHE (M) 27
Pistachia chinensis
HONEY LOCUST (M) 27
CGleditsia triacanthos inermis
2" Cal. 50sf COTTONWOOD (M) 2
Populus frmontii
3-4" CAL. 50sf NEW MEXICO OLIVE (M) 10 Forestiera neomexicana 15 Gal. 225sf APACHE PLUME (L) 27 Fallugia paradoxa 5 Gal. 25sf RUSSIAN SAGE (M) 53 Perovskia atriplicifolia 5 Gal. 36sf AUTUMN SAGE (M) 9 Salvia greggii 2 Gal. 9sf ORNAMENTAL GRASS (M) 55
1 Gal. 36sf
MAIDEN GRASS
REGAL MIST
FOUNTAIN GRASS
BLUE AVENA
BLUE FESCUE
BEAR GRASS

WILDFLOWER 44

1 Gal. 4sf
Including but not limited to:
BLACK EYE SUSAN, PENSTEMON,
SANTOLINA, PRIMROSE,
YARROW, BLANKETFLOWER,
SNOW IN SUMMER, POPPY,
DAYLILIES,
ICEPLANT, RED HOT POKER,
AND CONEFLOWER.



Cont. Lic. #26458 7909 Edith N.E. Albuquerque, NM 87184 Ph. (505) 898-9690 Fax (505) 898-7737 cmd@hilltoplandscaping.com

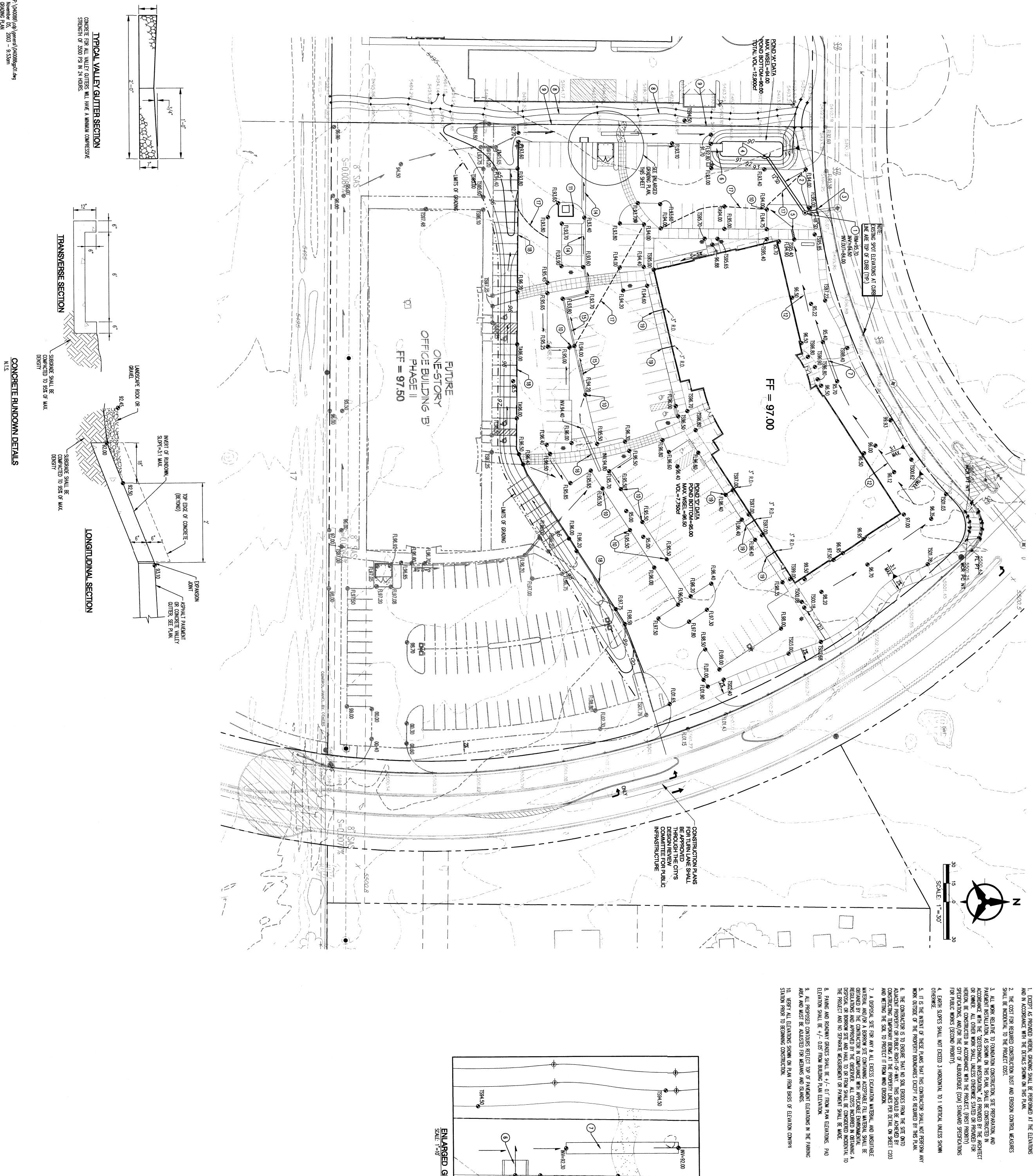
All creative ideas contained Herein remains the property of The Hilltop Landscape Architects and

Contractors and are protected by copyright laws. This is an original design and must not be released or copied unless applicable fees have been paid or job order

DRAWN BY REVIEWED BY PROJECT NO. 10/03/03 03040.001

10700 Research Road Ibuquerque, New Mexico

DRAWING NAME LANDSCAPE PLAN



TIS94.500

ESSIGNATION, AS PROVIDED BY THE ANCHICLUSESS CHERMISE STATED OR PROMOBE FOR ESS OTHERWISE STATED OR PROMOBE FOR ESS CHERMISE STATED OR PROMOBE FOR STANDARD SPECIFICATIONS

MITH THE PROJECT, (FIRST PRIORITY)

6. CONCRETE RUNDOWN AS PER DETAIL OR FRUNDOWN.

7. DAYLIGHT 10° DRAINAGE PIPE. MINDERIT TO PRAINAGE PIPE. MINDERITY CONTRACTOR SHALL NOT PERFORM ANY SUCH THAT THE PAIN INCERT FINES PAIN SHOULD BE ACHIEVED BY THIS PLAN.

10. SOIL ERODES FROM THE SITE ONTO

-WAY, THIS SHOULD BE ACHIEVED BY PROPERTY LINES PER DETAIL ON SHEET C203

M. WIND EROSION.

10. PROVIDE 18° WIDE CURB OPENING A DELEVATION ANTERIAL SHALL BE LINE ACCEPTABLE FILL MATERIAL SHALL BE LINE ANDE.

11. TRANSFORMER PAD ELEVATION =

12. DRAINAGE SWALE SHALL BE 13' NOT USED ON FROM SHALL BE CONSIDERED INCOENTIAL TO MENT OR PAYMENT SHALL BE MADE.

13. NOT USED ON FROM SHALL BE CONSIDERED INCOENTIAL TO MENT OR PAYMENT SHALL BE MADE.

14. VALLEY GUTTER AS PER DETAIL 18. CURB & GUTTER AS PER DETAIL 19. TO S' ROOF DRAIN, DAYLIGHT OF 12. MAXIMUM THEORETICAL LIMIT OF 12. MAXIMUM THEORETICAL LIMIT OF 12. MAXIMUM THEORETICAL LIMIT OF 13. NOT USED ON THE PARKING

15. CURB & GUTTER AS PER DETAIL 19. TIE TO 3' ROOF DRAIN, DAYLIGHT

18. INSTALL 6" EXTRUDED ASPHALT (19. TIE TO 3' ROOF DRAIN, DAYLIGHT)

19. TIE TO 3' ROOF DRAIN, DAYLIGHT

1. INSTALL NEW 4' DIA. TYPE "C" STORM DRAIN MANHOLE AS PER COA STD. DWG 2101
2. NEW 12" STORM DRAIN
3. TIE NEW 12" STORM DRAIN TO EXISTING STUBOUT. REMOVE & DISPOSE IF EXISTING PLUG. PROVIDE CONCRETE COLLAR AT CONNECTION.
INV.=83.47 (INVERTI BASED ON AS-BUILTS, CONTRACTOR SHALL VERIFY)
4. DAYLIGHT NEW STORM DRAIN, INSTALL FLARED END SECTION, INV.=89.50.
5. 18" WIDE SIDEWALK CULVERT AS PER COA STD. DWG. 2236
6. CONCRETE RUNDOWN.
7. DAYLIGHT 10" DRAINAGE PIPE. MITER END OF PIPE TO MATCH SLOPE. SEE PLAN FOR INVERT
8. EXISTING CRUSHER FINES PATH SHALL BE REGRADE AND RESURFACED WITH CRUSHER FINES SUCH THAT THE PATH SURFACE = 94.5 OR HIGHER.

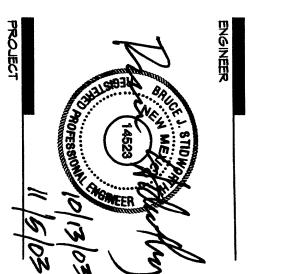
BOHANNAN ME ABUQUE, NM 87109-4336
EERING & SPATIAL DATA & ADVANCED TECHNOLOGIES

SANDIA SCIEI
TECHNOLOGY

AMBLANG PARTNERS
DESIGN - BUILD - DEN

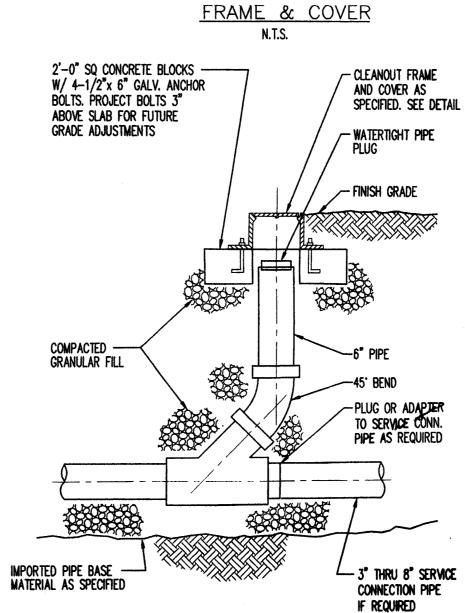
Innovation Park

10700 Research Road Albuquerque, New Mexico





<u>CLEANOUT</u>



CLEANOUT N.T.S.

GENERAL NOTES

1. ALL WORK DETAILED ON THESE PLANS AND PERFORMED UNDER THIS CONTRACT SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS AND THE PROJECT GEOTECHNICAL REPORT. WHERE APPLICABLE, CITY OF ALBUQUERQUE PUBLIC WORKS STANDARDS SHALL APPLY.

2. THE CONTRACTOR SHALL ABIDE BY ALL LOCAL, STATE, AND FEDERAL LAWS, RULES AND REGULATIONS WHICH APPLY TO THE CONSTRUCTION OF THESE IMPROVEMENTS, INCLUDING EPA REQUIREMENTS WITH RESPECT TO STORM WATER DISCHARGE.

3. PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL FIELD VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL POTENTIAL OBSTRUCTIONS INCLUDING ALL UNDERGROUND UTILITIES. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE CONSTRUCTION OBSERVER OR ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.

4. TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, THE CONTRACTOR SHALL CONTACT LINE LOCATING

5. ALL ELECTRICAL, TELEPHONE, CABLE TV, GAS AND OTHER UTILITY LINES, CABLES, AND APPURTENANCES ENCOUNTERED DURING CONSTRUCTION THAT REQUIRE RELOCATION, SHALL BE COORDINATED WITH THAT UTILITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATION OF ALL NECESSARY UTILITY ADJUSTMENTS. NO ADDITIONAL COMPENSATION WILL BE ALLOWED FOR DELAYS OR INCONVENIENCES CAUSED BY UTILITY COMPANY WORK CREWS. THE CONTRACTOR MAY BE REQUIRED TO

6. THE CONTRACTOR IS RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITY LINES WITHIN THE CONSTRUCTION AREA. ANY DAMAGE TO EXISTING FACILITIES CAUSED BY CONSTRUCTION ACTIVITY SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE AND APPROVED BY THE CONSTRUCTION

7. CONSTRUCTION ACTIVITY SHALL BE LIMITED TO THE PROPERTY AND/OR PROJECT LIMITS. ANY DAMAGE TO ADJACENT PROPERTIES RESULTING FROM THE CONSTRUCTION PROCESS SHALL BE REPAIRED OR REPLACED AT THE CONTRACTOR'S EXPENSE.

8. OVERNIGHT PARKING OF CONSTRUCTION EQUIPMENT SHALL NOT OBSTRUCT DRIVEWAYS OR DESIGNATED TRAFFIC LANES. THE CONTRACTOR SHALL NOT STORE ANY EQUIPMENT OR MATERIAL WITHIN THE PUBLIC

9. THE CONTRACTOR SHALL OBTAIN ALL THE NECESSARY PERMITS FOR THE PROJECT PRIOR TO COMMENCING CONSTRUCTION (I.E., BARRICADING, TOPSOIL DISTURBANCE, EXCAVATION PERMITS, EPA STORM WATER PERMITS, ETC.).

OBTAIN APPROVAL OF SUCH PLAN FROM THE CITY OF ALBUQUERQUE, TRAFFIC ENGINEERING DEPARTMENT,

10. ALL PROPERTY CORNERS DESTROYED DURING CONSTRUCTION SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE. ALL PROPERTY CORNERS MUST BE RESET BY A REGISTERED LAND SURVEYOR. 11. THE CONTRACTOR SHALL PREPARE A CONSTRUCTION TRAFFIC CONTROL AND SIGNING PLAN AND

PRIOR TO BEGINNING ANY CONSTRUCTION WORK ON OR ADJACENT TO EXISTING STREETS. 12. ALL BARRICADES AND CONSTRUCTION SIGNING SHALL CONFORM TO APPLICABLE SECTIONS OF THE "MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES" (MUTCD), US DEPARTMENT OF TRANSPORTATION, LATEST

14. THE CONTRACTOR SHALL TAKE ALL STEPS NECESSARY TO CONFORM WITH EPA REQUIREMENTS, INCLUDING COMPLIANCE WITH NPDES PHASE 2 REQUIREMENTS.

UTILITY NOTES

1. THIS CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION OF ALL WORK RELATED TO MECHANICAL UTILITIES AS SHOWN ON THIS PLAN INCLUDING: TRENCHING, BACKFILL, SUPPORTS, CLEANOUT PADS, SERVICE STOPS AND BOXES, SERVICE LINES, TESTING, CLEANING, AND STERILIZING. ANY WORK NOT ACCEPTED BY THE ARCHITECT OR ENGINEER DUE TO IMPROPER WORKMANSHIP OR LACK OF PROPER COORDINATION SHALL BE REMOVED AND CORRECTLY INSTALLED AT THE CONTRACTOR'S EXPENSE, AS DIRECTED.

2. MINIMUM DEPTHS OF COVER SHALL BE: 48" FOR WATERLINES AND 48" FOR SEWER, EXCEPT AT BUILDING CONNECTION.

AS OTHERWISE STATED OR PROVIDED OF HEREON, BE CONSTRUCTED IN ACCORDANCE WITH THE IAPMO UNIFORM PLUMBING CODE, LATEST EDITION.

SIDEWALK, AS APPLICABLE.

NECESSARY FITTINGS.

8. FIRE LINES SHALL USE PIPE MATERIALS UNDERWRITERS LABORATORIES LISTED AND APPROVED FOR FIRE SERVICE.

9. CONTRACTOR SHALL BE RESPONSIBLE FOR ALL WATER METER, FIRE LINE, AND SEWER HOOKUP FEES FOR INSTALLATIONS. OWNER SHALL BE RESPONSIBLE FOR UTILITY EXPANSION CHARGES, PRORATA AND OTHER SPECIAL ASSESSMENTS.

10. CONTRACTOR SHALL VERIFY INVERTS AND LOCATIONS OF EXISTING WATER/SAS LINES PRIOR TO BEGINNING WORK. ALL CONFLICTS SHALL BE BROUGHT TO ATTENTION OF THE ENGINEER AND RESOLVED PRIOR TO BEGINNING WORK.

3. ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED UNDER CONTRACT SHALL, EXCEPT

4. UTILITY LINES SHALL BE INSTALLED PRIOR TO PAVEMENT, CURB AND GUTTER, AND/OR

5. ROUGH GRADING OF SITE (±0.5') SHALL BE COMPLETED PRIOR TO INSTALLATION OF UTILITY

6. CONTRACTOR WILL BE RESPONSIBLE FOR CONNECTIONS TO BUILDING DRAIN LINES AND ALL

7. ALL VALVES SHALL BE ANCHORED PER COA STANDARD DWG. 2333.

ADMINISTRATIVE APPROVAL

6801 Jeiferson NE Suite 100

505 761-9700

fax 761-4222 dps 👁 dpsabq.com

Albuquerque, NM 87109

UTILITY KEYED NOTES

(A) CONTRACTOR SHALL COORDINATE W/ CITY FOR INSTALLATION OF 1.5" WATER METER AND METER BOX. CONTRACTOR SHALL TIE 2" WATER SERVICE LINE TO 1.5" TAIL PIECE ON DOWNSTREAM SIDE OF WATER METER AND INSTALL 27 LF OF 2" WATER SERVICE LINE.

C STUB 2" WATER SERVICE TO WITHIN 5' OF BUILDING. SEE PLUMBING PLANS FOR CONTINUATION.

(D) THE NEW 6" FIRE LINE TO EXISTING 6" FIRE LINE STUB. REMOVE EXISTING CAP. INSTALL 6" FIRE LINE AS SHOWN.

E) STUB 6" FIRE LINE TO WITHIN 5' OF BUILDING, SEE PLUMBING PLANS FOR CONTINUATION.

F STUB 6" SANITARY SEWER 10' PAST PROPERTY LINE

G REMOVE EXISTING CAP, INSTALL 6" GATE VALVE AND VALVE LBOX AS PER COA. STD DWGS. 2333, 2326, 2328.

H TIE NEW 6" SAS TO EXISTING SAS STUB OUT.

J INSTALL CLEANOUT PER DEATIL, THIS SHEET.

(K) STUB SAS TO WITHIN 5' OF BUILDING, SEE PLUMBING PLAN FOR CONTINUATION.

(L) INSTALL 6"x6" TEE-WYE. INSTALL CLEANOUT ON MAIN LINE IMMEDIATELY UPSTREAM OF TEE-WYE.

M INSTALL 6" FIRE LINE WITHIN THE SITE AND INSTALL FIRE HYDRANT AS PER COA. STD. DWG. 2340. FLANGE ELEV. = 94.40.

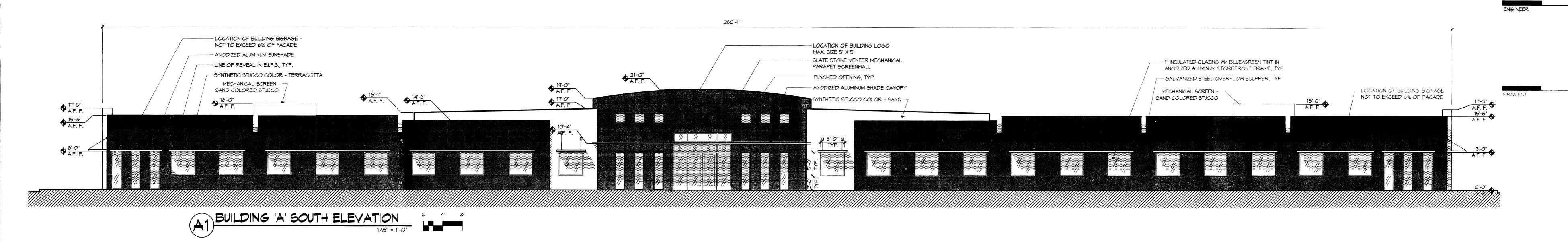
N CONTRACTOR SHALL COORDINATE AND PAY FOR CITY INSTALLATION OF 6" WATER LINE WITHIN CITY ROW, INCLUDING CONNECTION TO 10" CITY MAIN AND INSTALLATION OF GATE VALVE ON NEW 6" WATER LINE.

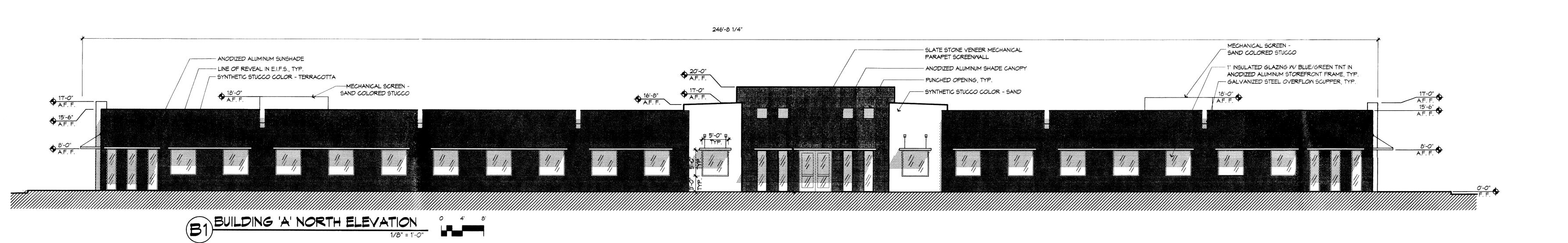
PROPOSED 15' SAS EASEMENT

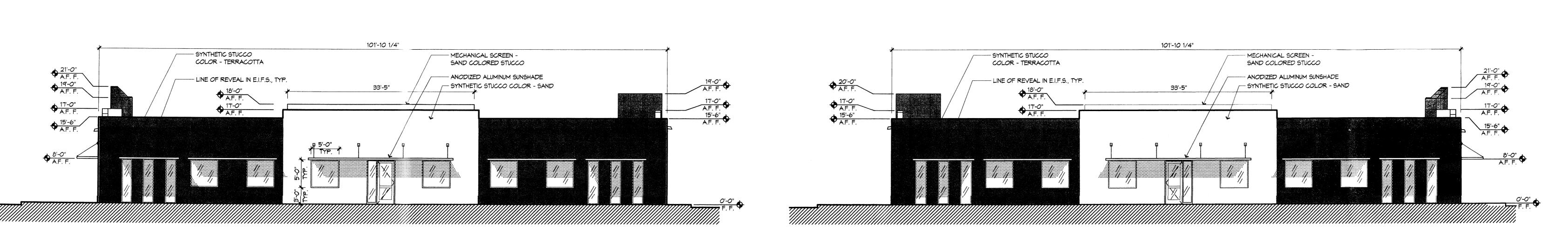
---EXISTING ABANDONED AND GROUT FILLED 8" SAS

RCHITECT

ADMINISTRATIVE APPROVAL







BUILDING 'A' EAST ELEVATION

1/8" = 1'-0"

O

4' 8'

BUILDING 'A' WEST ELEVATION

1/8" = 1'-0"

SANDIA SCIENCE & TECHNOLOGY PARK

AMELANG PARTNERS INC.

DE STUDIO - RELIE D. AND VELLOR

REVISIONS

10700 Research Road Albuquerque, New Mexico

DRAWN BY
SAS
REVIEWED BY
TG

DATE
10/03/03
PROJECT NO. 03040.001
DRAWING NAME

EXTERIOR

ELEVATIONS BUILDING "A"

SHEET NO.