

DISCLOSURE STATEMENT:
 * THE SUBJECT PROPERTY IS LOCATED NEAR A FORMER LANDFILL. DUE TO THE SUBJECT PROPERTY BEING NEAR A FORMER LANDFILL, CERTAIN PRECAUTIONARY MEASURES MAY NEED TO BE TAKEN TO ENSURE THE HEALTH AND SAFETY OF THE PUBLIC. RECOMMENDATIONS MADE BY A PROFESSIONAL ENGINEER WITH EXPERTISE IN LANDFILLS AND LANDFILL GAS ISSUES (AS REQUIRED BY THE MOST CURRENT VERSION OF THE "INTERIM GUIDELINES FOR DEVELOPMENT WITHIN CITY DESIGNATED LANDFILL BUFFER ZONES") SHALL BE CONSULTED PRIOR TO DEVELOPMENT OF THE SITE.

PROJECT NUMBER: _____
 APPLICATION NUMBER: _____
 This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated _____ and the Findings and Conditions in the Official Notification of Decision are satisfied.
 Is an Infrastructure List required? () 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:

TRAFFIC ENGINEERING, TRANSPORTATION DIVISION	DATE
WATER UTILITY DEPARTMENT	DATE
PARKS AND RECREATION DEPARTMENT	DATE
CITY ENGINEER	DATE
<i>Rhonda Methler</i>	6/1/07
*ENVIRONMENTAL HEALTH DEPARTMENT (Conditional)	DATE
<i>Michael Helton (Unmanned Facility)</i>	6/1/07
SOLID WASTE MANAGEMENT	DATE
DRB CHAIRPERSON, PLANNING DEPARTMENT	DATE

TRACT B-5-A-1-A, UNIT 5
 ACADEMY ACRES SUBDIVISION
 FILED 08/07/1992, BK-92C/PG-168

ASCG PLANS CHECKING OFFICE
 924-3511
 APPROVED/DISAPPROVED
 HYDRANT(S) ONLY
R.C. Jones 6/1/07
 SIGNATURE & DATE
 1728
 E-8

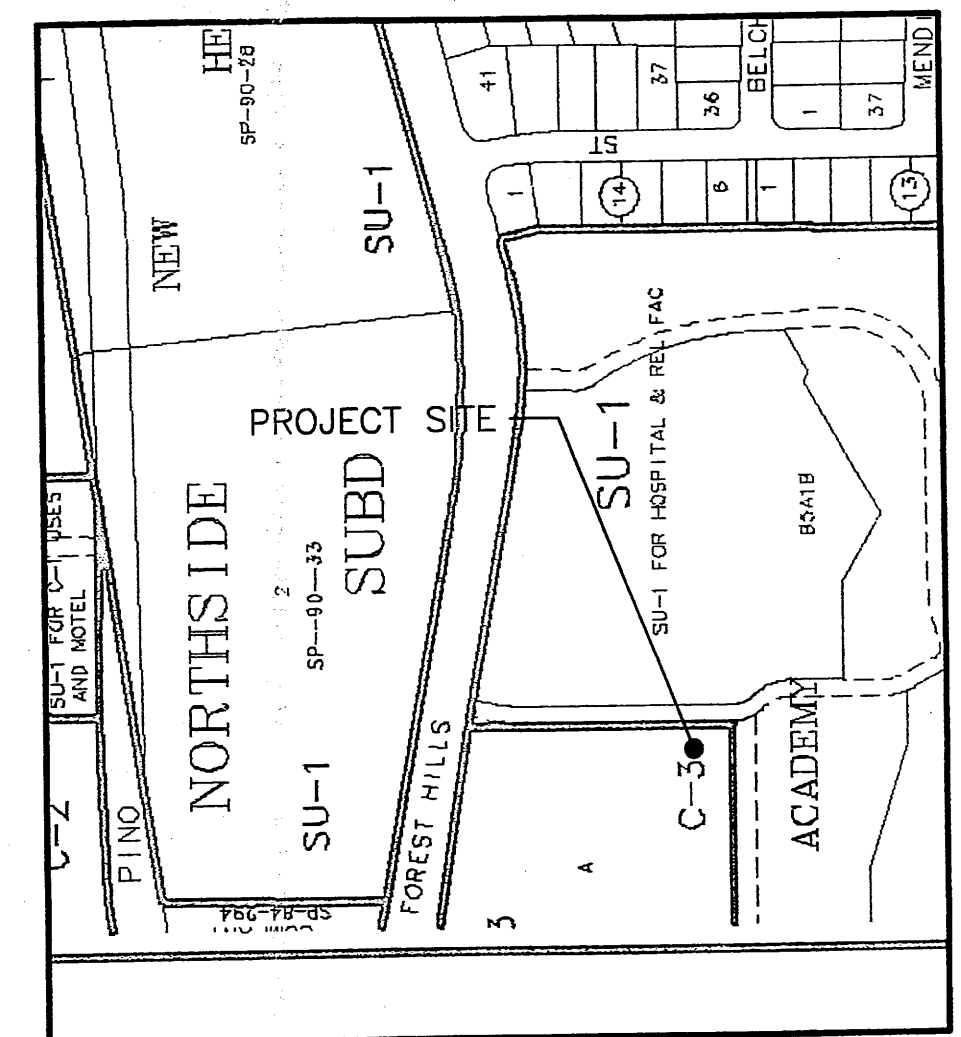
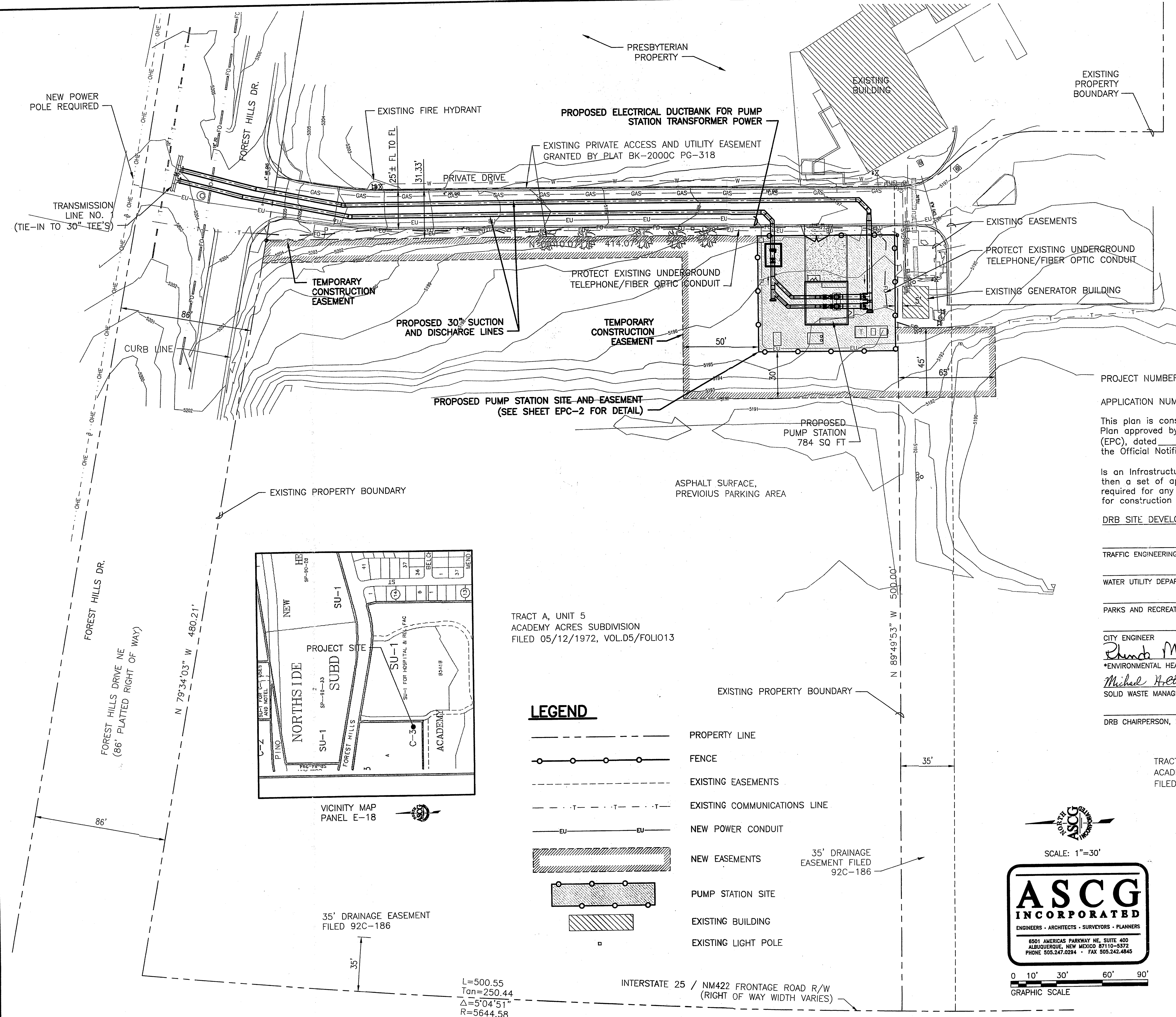
ASCG INCORPORATED
 ENGINEERS - ARCHITECTS - SURVEYORS - PLANNERS
 6501 AMERICAS PARKWAY NE, SUITE 400
 ALBUQUERQUE, NEW MEXICO 87110-5372
 PHONE 505.247.0284 • FAX 505.242.4845

SCALE: 1"=30'
 0 10' 30' 60' 90'
 GRAPHIC SCALE

- LEGEND**
- PROPERTY LINE
 - FENCE
 - - - EXISTING EASEMENTS
 - - - EXISTING COMMUNICATIONS LINE
 - EU NEW POWER CONDUIT
 - /// NEW EASEMENTS
 - [] PUMP STATION SITE
 - [] EXISTING BUILDING
 - EXISTING LIGHT POLE

L=500.55
 Tan=250.44
 Δ=5°04'51"
 R=5644.58

INTERSTATE 25 / NM422 FRONTAGE ROAD R/W
 (RIGHT OF WAY WIDTH VARIES)



VICINITY MAP PANEL E-18

35' DRAINAGE EASEMENT FILED 92C-186

ALBUQUERQUE BERNALILLO COUNTY
 WATER UTILITY AUTHORITY

TITLE: SAN JUAN CHAMA DWP
 FOREST HILLS PUMP STATION
 OVERALL SITE PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. **6809.04** Zone Map No. **E-18** Sheet **EPC-1** Of **5**

EPC SUBMITTAL - NOT FOR CONSTRUCTION

AS BUILT INFORMATION	
CONTRACTOR	DATE
STARTED BY	DATE
INSPECTOR'S	DATE
FIELD OFFICE	DATE
VERIFICATION BY	DATE
CHECKED BY	DATE
RECORDED BY	DATE
NO.	DATE

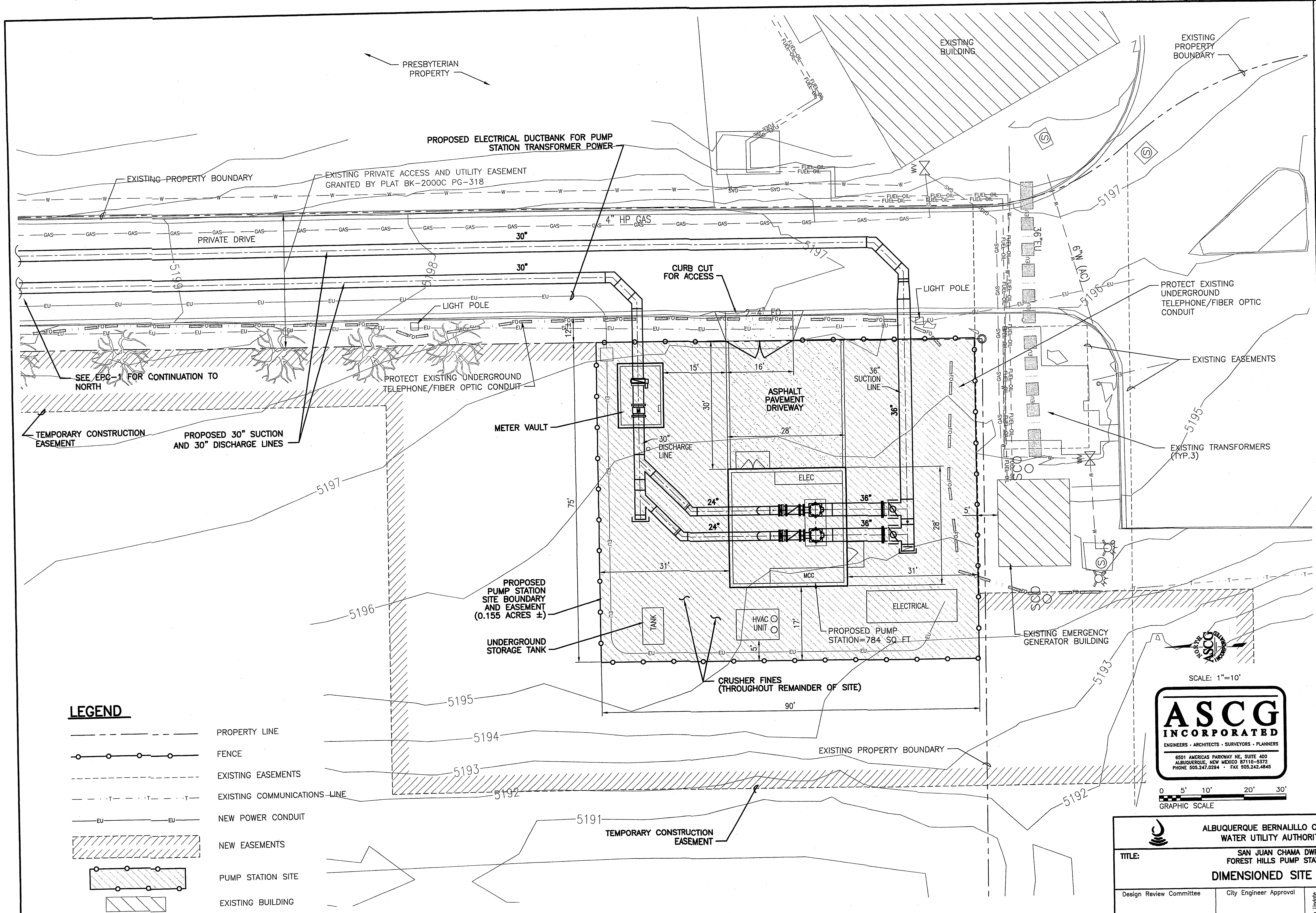
BENCH MARKS	
NO.	DATE

SURVEY INFORMATION	
NO.	DATE

ENGINEER'S SEAL	
NO.	DATE

REVISIONS	
NO.	DATE

ASCG INCORPORATED	
DESIGNED BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE



LEGEND

	PROPERTY LINE
	FENCE
	EXISTING EASEMENTS
	EXISTING COMMUNICATIONS LINE
	NEW POWER CONDUIT
	NEW EASEMENTS
	PUMP STATION SITE
	EXISTING BUILDING

SCALE: 1"=10'

ASCG
INCORPORATED
ENGINEERS • ARCHITECTS • SURVEYORS • PLANNERS
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ALBUQUERQUE, NEW MEXICO 87110-5372
PHONE 505.247.0294 • FAX 505.242.4845

0 5' 10' 20' 30'
GRAPHIC SCALE

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY	
TITLE: SAN JUAN CHAMA DWP FOREST HILLS PUMP STATION DIMENSIONED SITE PLAN	
Design Review Committee	City Engineer Approval
City Project No. 6809.04	Zone Map No. E-18
Sheet EPC-2	Of 5

EPC SUBMITTAL – NOT FOR CONSTRUCTION

AS BUILT INFORMATION	
CONTRACTOR	DATE
WORKS BY	DATE
INSPECTOR'S ACCEPTANCE BY	DATE
VERIFICATION BY	DATE
DRAWINGS BY	DATE
CHANGES BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	
BENCH MARKS	
SURVEY INFORMATION	
FIELD NOTES	DATE
NO.	
BY	
NO.	
BY	
REVISIONS	
NO.	DATE
ASCG INCORPORATED	DATE 12-2006
DESIGNED BY	DATE 12-2006
DRAWN BY	DATE
EJS	
CHECKED BY	DATE

J:\COA\239440 Forest Hills Pump Station\DWG\Civil\Forest Hills\dwg\EPC SITE.dwg 5-18-07 estvo

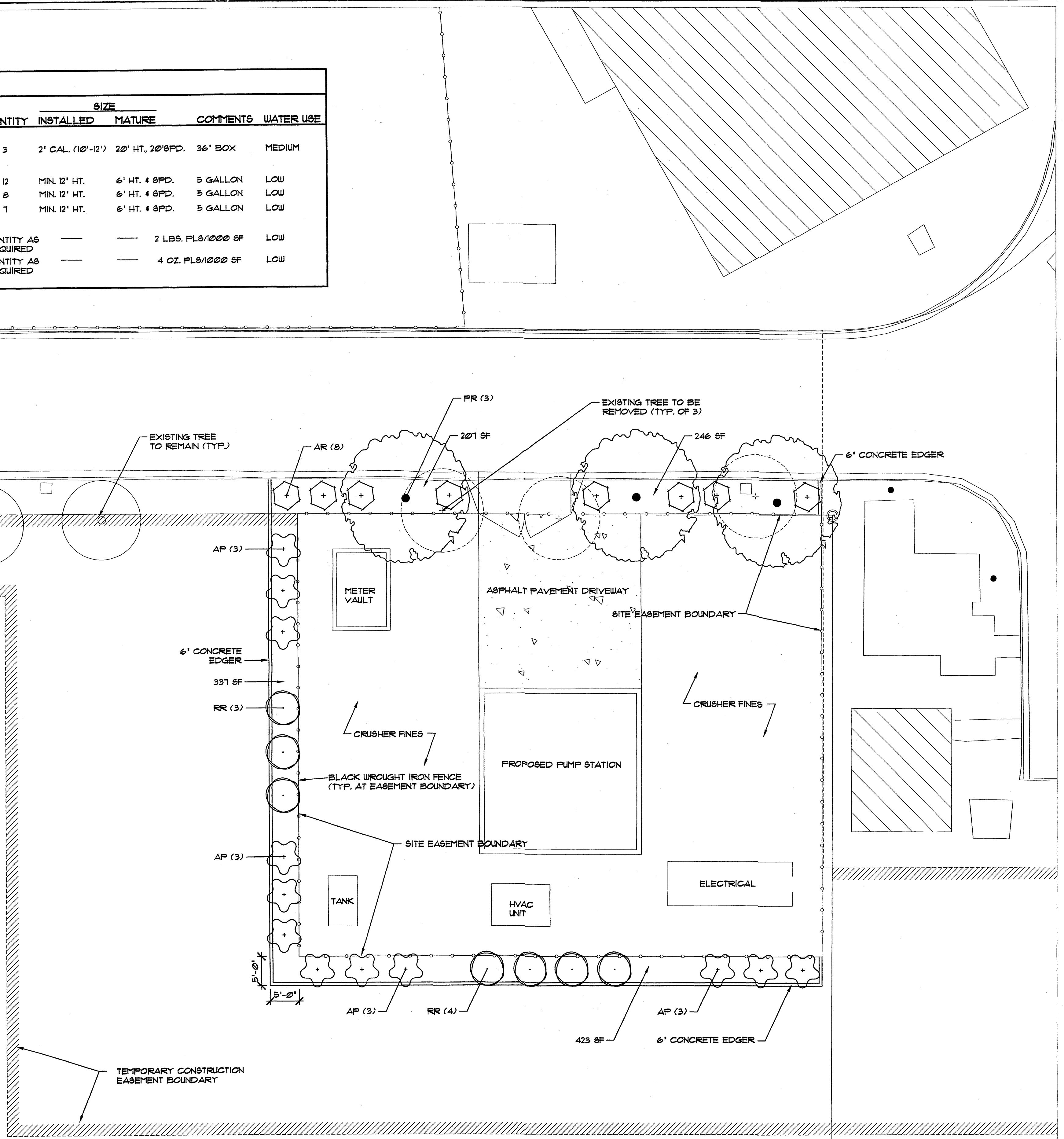
PLANT LIST

KEY	BOTANICAL NAME	COMMON NAME	QUANTITY	SIZE		COMMENTS	WATER USE
				INSTALLED	MATURE		
TREE							
FR	PYRUS CALLERYANA 'ARISTOCRAT'	ARISTOCRAT PEAR	3	2' GAL. (10'-12')	20' HT., 20' SPD.	36" BOX	MEDIUM
SHRUBS							
AP	FALLUGIA PARADOXA	APACHE PLUME	12	MIN. 12' HT.	6' HT., 4' SPD.	5 GALLON	LOW
AR	ROSMARINUS OFFICINALIS 'ARP'	ARP ROSEMARY	8	MIN. 12' HT.	6' HT., 4' SPD.	5 GALLON	LOW
RR	ERICAMERIA NAUSEOSA	RUBBER RABBITRUSH	1	MIN. 12' HT.	6' HT., 4' SPD.	5 GALLON	LOW
NATIVE GRASS / WILDFLOWER MIX							
CURTIS 4 CURTIS 'SANTA FE TRAIL MIX' OR EQUAL			QUANTITY AS REQUIRED	---	---	2 LBS. PLS/1000 SF	LOW
CURTIS 4 CURTIS 'LLANO ESTACADO' MIX OR EQUAL			QUANTITY AS REQUIRED	---	---	4 OZ. PLS/1000 SF	LOW

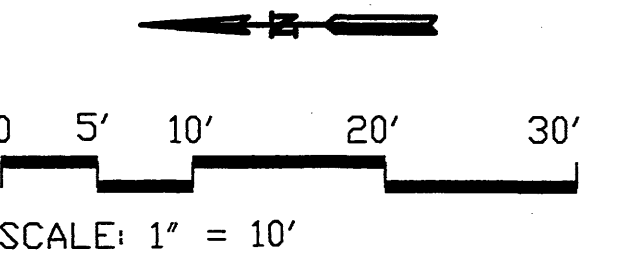
SEE EPC - 1 FOR CONTINUATION TO NORTH

NOTES:

- LANDSCAPE REQUIREMENTS:**
 TOTAL SITE EASEMENT AREA: 6736 SF
 BUILDING AREA: 184 SF
 NET SITE EASEMENT AREA: 6552 SF (TOTAL - BUILDING = NET)
 TOTAL LANDSCAPE AREA REQUIRED (15% OF NET): 982 SF
 TOTAL LANDSCAPE AREA PROVIDED (20.4% OF NET): 1219 SF
- GROUND COVER REQUIREMENTS:**
 SQUARE FOOTAGE REQUIRED (15% OF REQUIRED LANDSCAPE AREA): 669 SF
 SQUARE FOOTAGE PROVIDED: 912 SF (145% OF REQUIRED)
- LANDSCAPE IRRIGATION WILL BE AN AUTOMATIC BUBBLER SYSTEM. IRRIGATION SYSTEM WILL BE AN EXTENSION OF PROPERTY OWNER AND/OR PRESBYTERIAN HEALTHCARE SERVICES' EXISTING IRRIGATION SYSTEM.**
- PROPERTY OWNER AND/OR PRESBYTERIAN HEALTHCARE SERVICES WILL ASSUME RESPONSIBILITY FOR THE MAINTENANCE OF THE LANDSCAPE.
- THIS PLAN IS IN COMPLIANCE WITH THE CITY OF ALBUQUERQUE WATER CONSERVATION LANDSCAPING AND WATER WASTE ORDINANCE. ENACTMENT NO. 18-1935.
- THIS PLAN IS IN COMPLIANCE WITH THE CITY OF ALBUQUERQUE STREET TREE ORDINANCE.
- TEMPORARY CONSTRUCTION EASEMENT AREAS DISTURBED BY CONSTRUCTION SHALL BE DRILL SEEDED WITH 'SANTA FE TRAIL BLEND' NATIVE GRASS MIX AND 'LLANO ESTACADO' WILDFLOWER MIX. SEEDING SHALL BE PERFORMED PER CITY OF ALBUQUERQUE STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1996, THROUGH UPDATE NO. 1, SECTION 1012, NATIVE GRASS SEEDING.
- A WARM-TONE CRUSHED GRAVEL MULCH WITH WEED BARRIER UNDER SHALL BE INSTALLED THROUGHOUT PLANTING BEDS.
- EXISTING TREES TO REMAIN SHALL BE PROTECTED FROM DAMAGE DUE TO CONSTRUCTION OPERATIONS. TREES DAMAGED SHALL BE REPLACED IN KIND.



MORROW REARDON WILKINSON MILLER, LTD., LANDSCAPE ARCHITECTS
 210 La Veta NE, Albuquerque, NM 87108
 505.262.2265 FAX 505.265.9657
 mrw@mrwm.com



AS BUILT INFORMATION

CONTRACTOR	DATE

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES	BY	DATE

ENGINEER'S SEAL

NO.	DATE

REVISIONS

NO.	DATE	REVISIONS	BY

DESIGNED BY EOR DATE 2-2007
DRAWN BY AT DATE 2-2007
CHECKED BY DATE

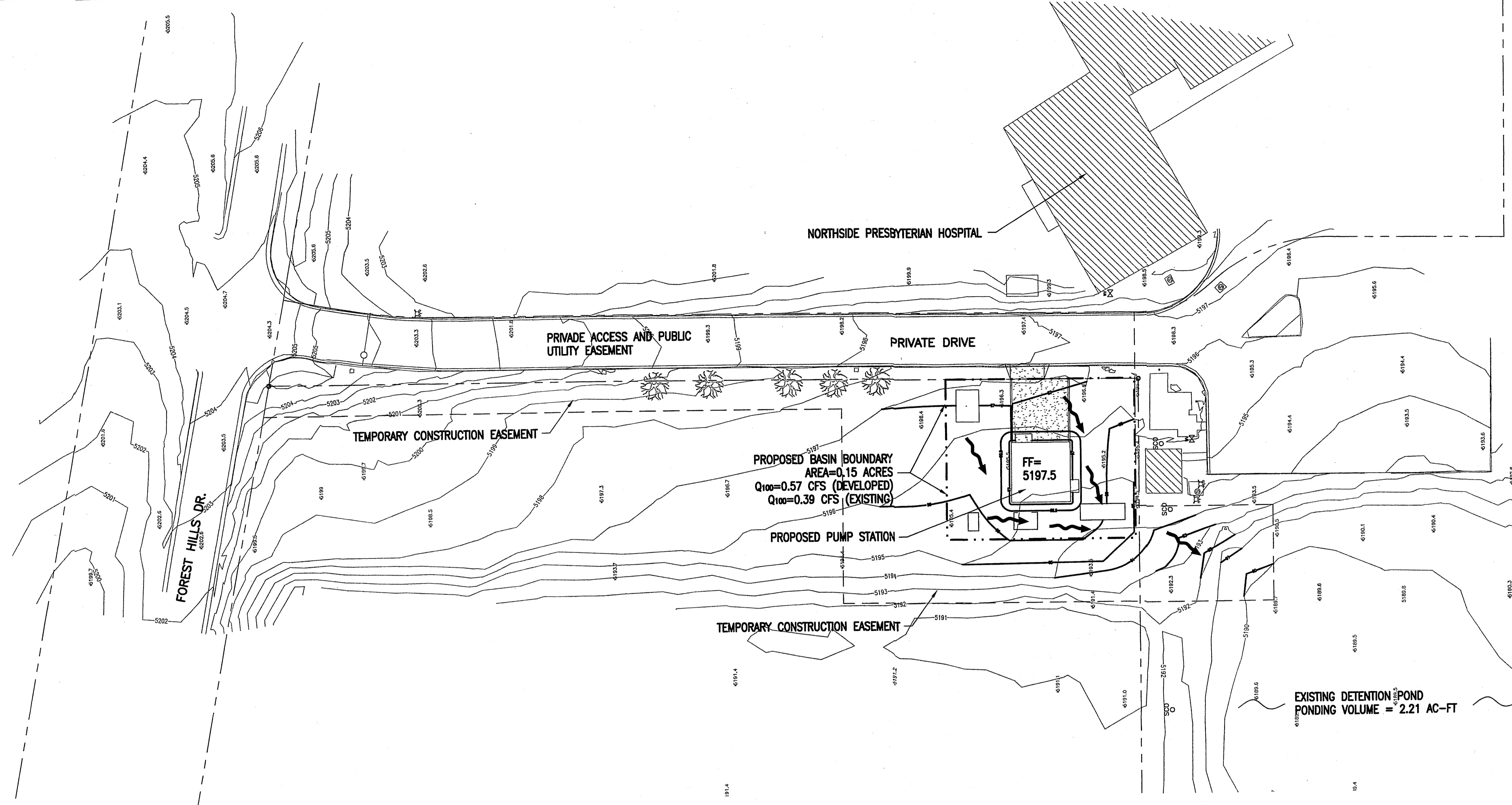
ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY

TITLE: SAN JUAN CHAMA DWP FOREST HILLS PUMP STATION LANDSCAPE PLAN

Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.

City Project No. 6809.04 Zone Map No. E-18 Sheet EP-3 Of 5

EPC SUBMITTAL - NOT FOR CONSTRUCTION



DRAINAGE PLAN

EXECUTIVE SUMMARY

THIS PROJECT, LOCATED ON THE NORTHSIDE PRESBYTERIAN HOSPITAL PROPERTY BETWEEN FOREST HILLS DR. TO THE NORTH, HARPER DR. TO THE SOUTH, AND INTERSTATE 25 TO THE WEST, WILL CONSTRUCT AN IN-LINE BOOSTER PUMP STATION WHICH IS A COMPONENT OF THE SAN JUAN CHAMA DRINKING WATER PROJECT. THE CITY OF ALBUQUERQUE WILL LEASE THE SITE FROM PRESBYTERIAN HOSPITAL. THE SITE IS CURRENTLY UNDEVELOPED BUT IS WITHIN THE VICINITY OF THE HOSPITAL COMPOUND. THE PURPOSE OF THIS DRAINAGE PLAN IS TO OBTAIN EPC APPROVAL.

REFERENCES

THE DRAINAGE ANALYSIS INCLUDES REFERENCES FROM THE NORTH SATELLITE HOSPITAL DRAINAGE STUDY, DATED 5-83.

PROJECT DESCRIPTION

AS SHOWN ON VICINITY MAP E-18, THE SITE IS LOCATED WITHIN THE NORTHWEST QUADRANT OF THE PRESBYTERIAN HOSPITAL PROPERTY. AS SHOWN BY PANEL 139 OF 825 OF THE NATIONAL FLOOD INSURANCE PROGRAM FLOOD INSURANCE RATE MAPS, BERNALILLO COUNTY, NEW MEXICO, AND INCORPORATED AREAS, DATED NOVEMBER 19, 2003, THIS SITE DOES NOT LIE WITHIN A DESIGNATED FLOOD HAZARD ZONE.

EXISTING CONDITIONS AND DRAINAGE PATTERNS

THE SITE DRAINS FROM THE NORTHEAST TO THE SOUTHWEST TO AN EXISTING DETENTION POND WITH A PONDING VOLUME OF 96,239 CF, OR 2.21 AC-FT. ACCORDING TO THE USCS-SOIL SURVEY FOR BERNALILLO COUNTY, THE SITE SOILS ARE EMBUDO-TIJERAS COMPLEX WHICH ARE CLASSIFIED AS WELL DRAINED SOILS WITH HYDROLOGIC SOIL GROUP 'B'. THE SITE IS 0.15 ACRES AND CONSISTS OF NATIVE GRASSES, WEED, AND SHRUB. THE TOTAL HISTORIC UNDEVELOPED ON-SITE 100YR-6HR RUNOFF FROM THE SITE IS 0.39 CFS, WITH A CORRESPONDING VOLUME OF 457.5 CF, OR 0.01 AC-FT.

DEVELOPED CONDITIONS AND DRAINAGE PATTERNS

THE PROPOSED SITE IS ANALYZED AS ONE BASIN CONSISTING OF A TOTAL OF 0.14 ACRES - 0.11 ACRES LAND TREATMENT 'C', 0.04 ACRES LAND TREATMENT 'D'. THE TOTAL DEVELOPED ON-SITE 100YR-6HR RUNOFF IS 0.57 CFS, WITH A CORRESPONDING VOLUME OF 785.2 CF, OR 0.02 AC-FT.

CALCULATIONS

THE CALCULATIONS, WHICH ARE ATTACHED, ANALYZE BOTH THE EXISTING AND THE DEVELOPED CONDITIONS FOR THE 100-YEAR, 6-HOUR RAINFALL EVENT. THE PROCEDURE FOR 40-ACRE AND SMALLER BASINS, AS SET FORTH IN THE REVISION OF SECTION 22.2, HYDROLOGY OF THE DEVELOPMENT PROCESS MANUAL, VOLUME 2, DESIGN CRITERIA, DATED JANUARY, 1997, HAS BEEN USED TO QUANTIFY THE PEAK RATE OF DISCHARGE OF RUNOFF GENERATED.

CONCLUSION

AS STATED ABOVE, THE NET DEVELOPED FLOW FROM THE PROPOSED SITE EQUALS 0.57 CFS, WHICH IS A 0.18 CFS INCREASE OVER THE EXISTING FLOW OF 0.39 CFS, WITH A CORRESPONDING RUNOFF VOLUME INCREASE OF 328 CF, OR 0.007 AC-FT. THIS REPRESENTS AN NEGLIGIBLE INCREASE IN RUNOFF FLOW AND VOLUME TO THE EXISTING DETENTION POND, THEREFOR, NO MITIGATION OF DEVELOPED FLOW IS PROPOSED. IT IS PLANNED THAT THE SITE WILL MAINTAIN THE HISTORIC DRAINAGE PATTERN WITH RUNOFF FLOWING TO THE EXISTING 2.21 AC-FT DETENTION POND TO THE SOUTHWEST.

DRAINAGE PLAN

SCALE: 1"=30'



LEGAL DESCRIPTION

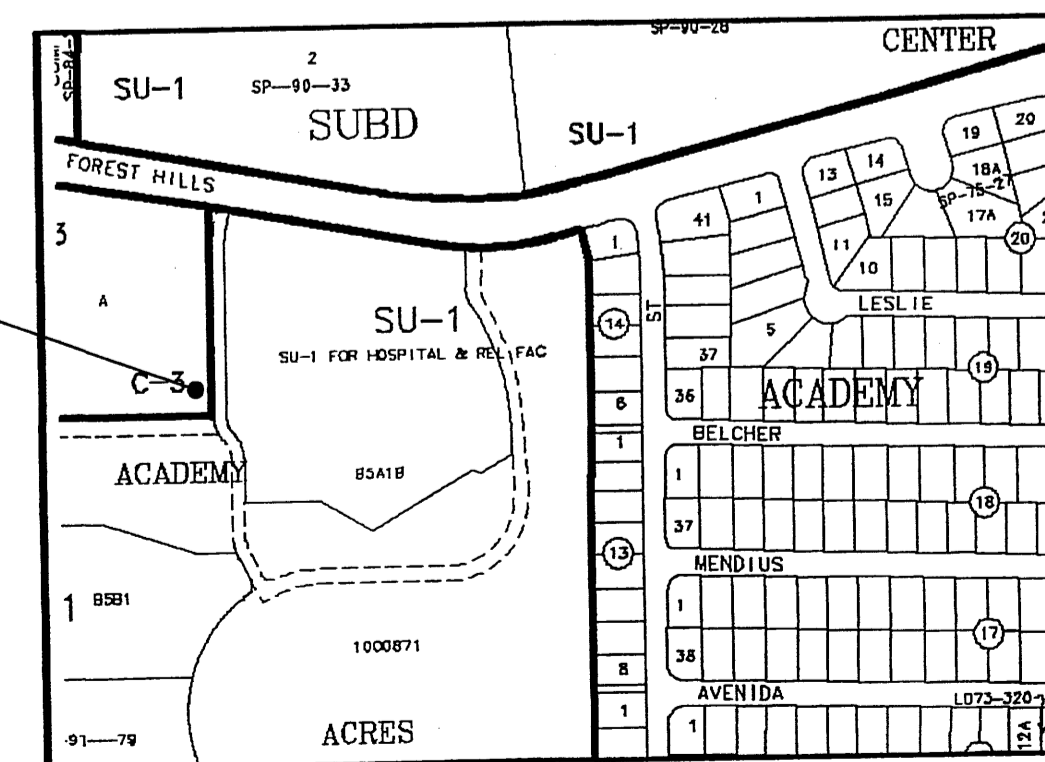
FOREST HILLS PUMP STATION LEASE AGREEMENT DESCRIPTION

A LEASE AGREEMENT DESCRIBING A CERTAIN PARCEL OF LAND MEASURING 75 FEET BY 90 FEET, SITUATED WITHIN "TRACT A, UNIT 5, ACADEMY ACRES SUBDIVISION", A LEGAL TRACT OF LAND AS SHOWN ON PLAT FILED MAY 12, 1972, VOLUME 05, FOLIO 13 BERNALILLO COUNTY NEW MEXICO

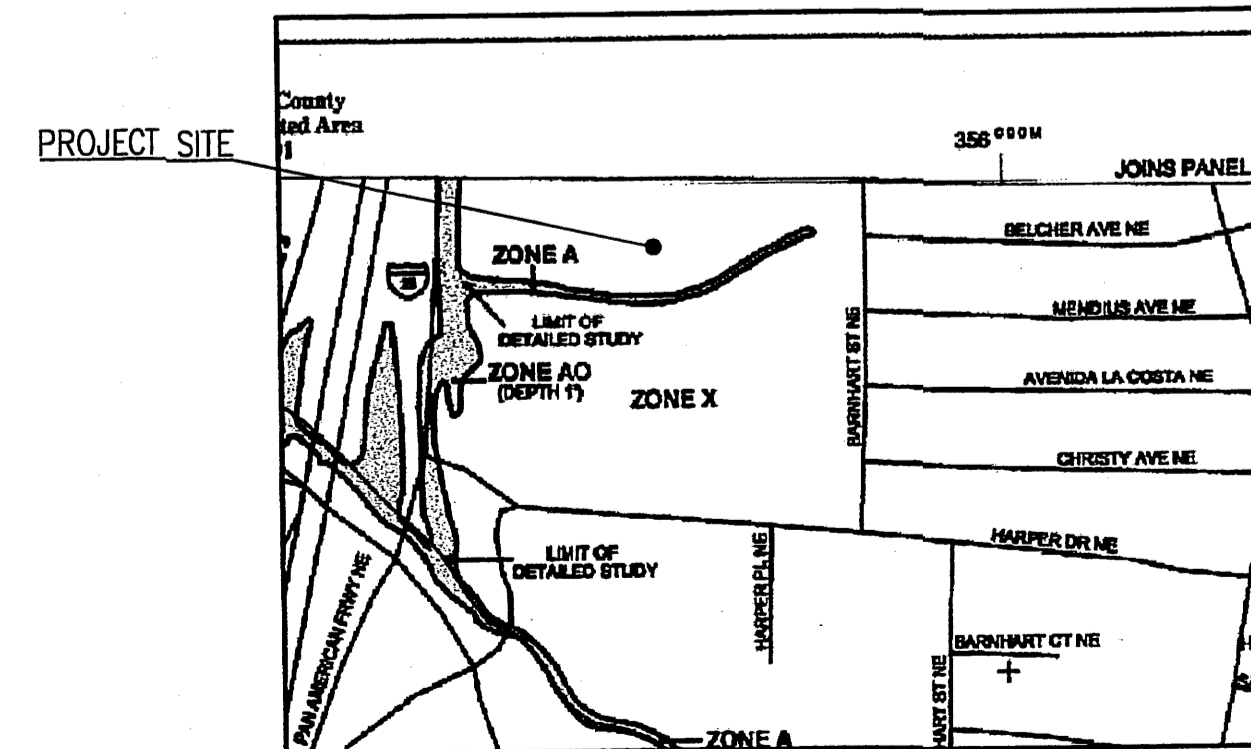
SAID LEASE PARCEL AREA BEING 6750 SQUARE FEET, 0.15 ACRES MORE OR LESS.

LEGEND

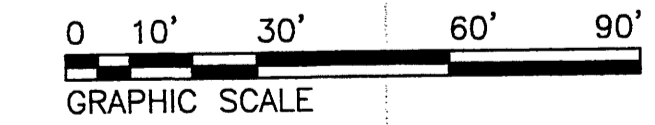
- (Symbol) DIRECTION OF FLOW
- (Symbol) PROPOSED BASIN BOUNDARY
- (Symbol) PROPERTY BOUNDARY
- (Symbol) PROPOSED EASEMENT BOUNDARY



VICINITY MAP
PANEL E-18



F.I.R.M.
PANEL 139 OF 825
N.T.S.



ALBUQUERQUE BERNALILLO COUNTY
WATER UTILITY AUTHORITY

TITLE: SAN JUAN CHAMA DWP
FOREST HILLS PUMP STATION
GRADING AND DRAINAGE PLAN

Design Review Committee _____ City Engineer Approval _____

City Project No. **6809.04** Zone Map No. **E-18** Sheet **EPC-4** Of **5**

AS BUILT INFORMATION	
CONTRACTOR	DATE
WORKED BY	DATE
ASSESSOR'S NAME	DATE
ASSISTANCE BY	DATE
FIELD VERIFICATION BY	DATE
CHECKED BY	DATE
MICRO-FILM INFORMATION	
RECORDED BY	DATE
NO.	DATE

BENCH MARKS	
NO.	DATE
NO.	DATE
NO.	DATE
NO.	DATE

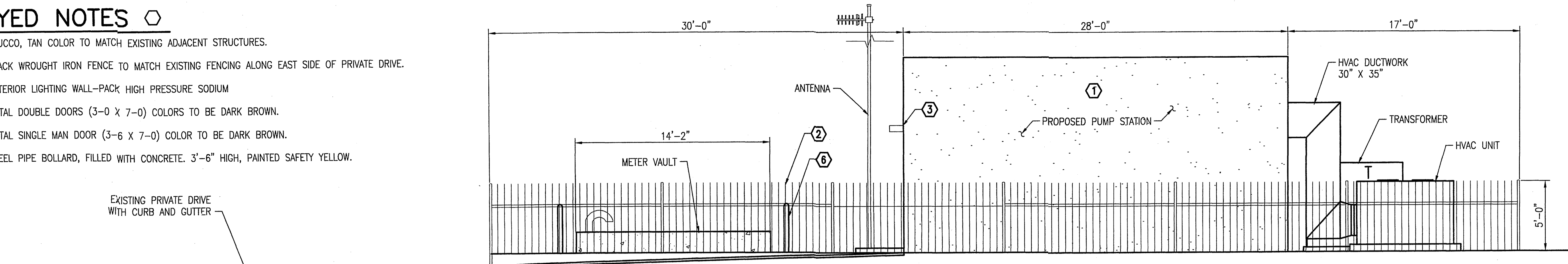
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NO.	DATE

ENGINEER'S SEAL	
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REMARKS	BY
REVISIONS	BY
NO.	DATE
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NO.	DATE

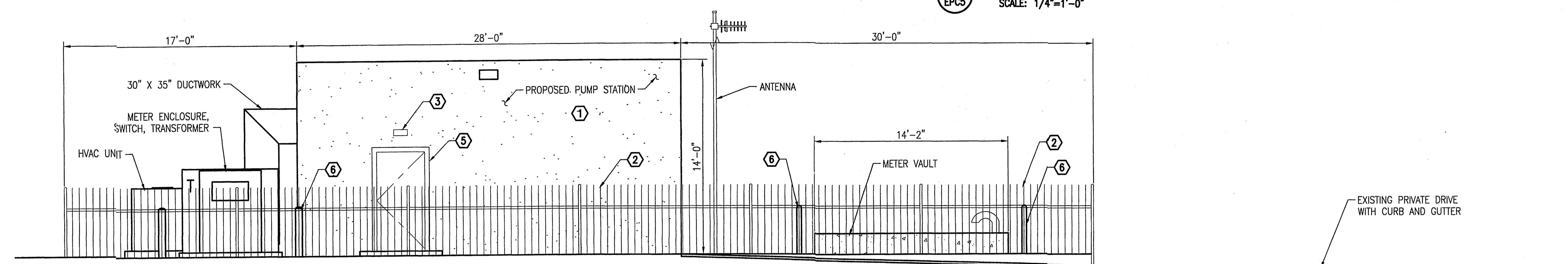
\\COA\23940 Forest Hills Pump Station\DWG\Civil\Forest Hills.dwg\EPIC DRAINAGE_PLAN.dwg 5-18-07 eslv

KEYED NOTES

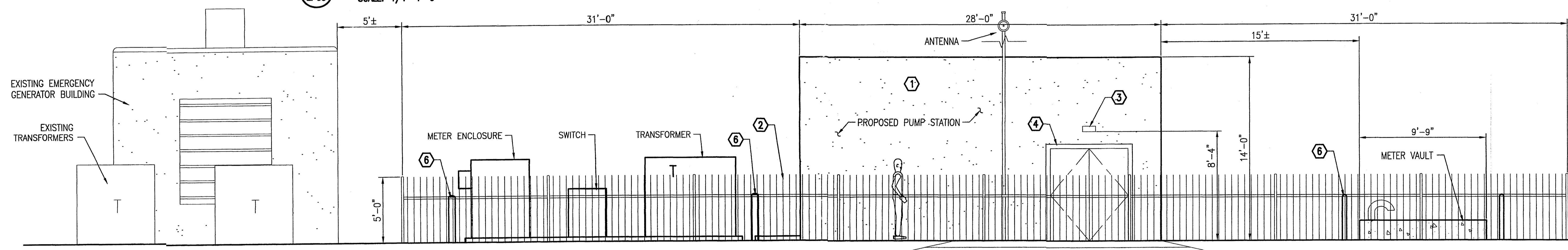
1. STUCCO, TAN COLOR TO MATCH EXISTING ADJACENT STRUCTURES.
2. BLACK WROUGHT IRON FENCE TO MATCH EXISTING FENCING ALONG EAST SIDE OF PRIVATE DRIVE.
3. EXTERIOR LIGHTING WALL-PACK HIGH PRESSURE SODIUM
4. METAL DOUBLE DOORS (3-0 X 7-0) COLORS TO BE DARK BROWN.
5. METAL SINGLE MAN DOOR (3-6 X 7-0) COLOR TO BE DARK BROWN.
6. STEEL PIPE BOLLARD, FILLED WITH CONCRETE. 3'-6" HIGH, PAINTED SAFETY YELLOW.



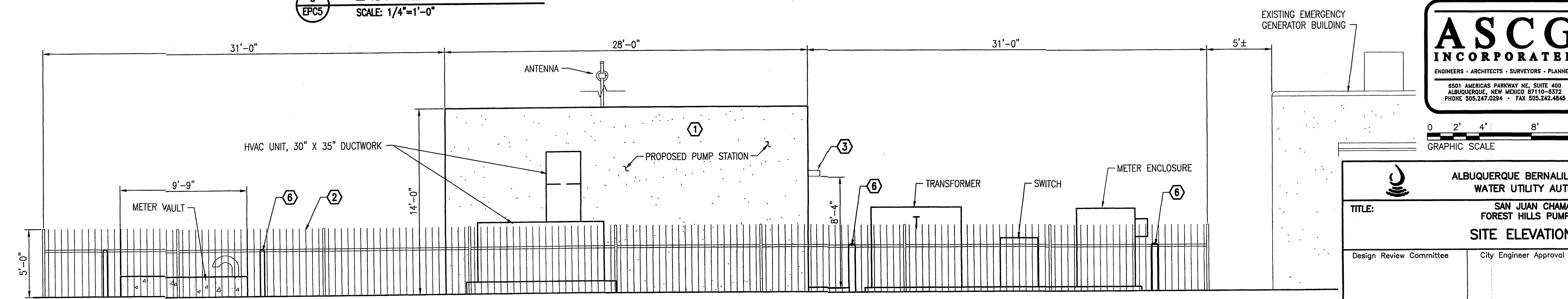
1 NORTH ELEVATION
SCALE: 1/4"=1'-0"



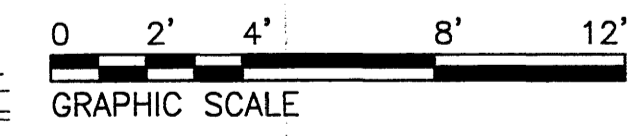
2 SOUTH ELEVATION
SCALE: 1/4"=1'-0"



3 EAST ELEVATION
SCALE: 1/4"=1'-0"



4 WEST ELEVATION
SCALE: 1/4"=1'-0"



EPC SUBMITTAL - NOT FOR CONSTRUCTION

ALBUQUERQUE BERNALILLO COUNTY WATER UTILITY AUTHORITY TITLE: SAN JUAN CHAMA DWP FOREST HILLS PUMP STATION SITE ELEVATION VIEWS			
Design Review Committee	City Engineer Approval	Mo./Day/Yr.	Mo./Day/Yr.
City Project No.	Zone Map No.	Sheet	Of
	6809.04	E-18	EPC-5 5

AS BUILT INFORMATION			
CONTRACTOR	DATE	DATE	DATE
WORK SHOWN BY	DATE	DATE	DATE
ACCEPTED BY	DATE	DATE	DATE
FIELD CHECK BY	DATE	DATE	DATE
REVISIONS	DATE	DATE	DATE
NO.	DATE	DATE	DATE
MICRO-FILM INFORMATION			
RECORDED BY	DATE	DATE	DATE
NO.	DATE	DATE	DATE