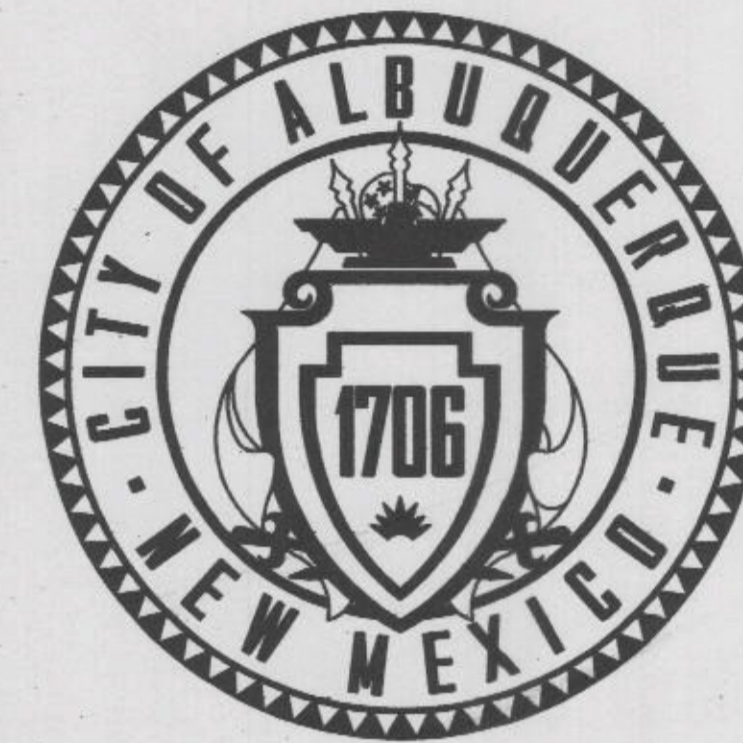


CITY OF ALBUQUERQUE WATER TREATMENT PLANT ALBUQUERQUE, NEW MEXICO



DECEMBER 2003

BUILDING INFORMATION

OWNER: CITY OF ALBUQUERQUE
PUBLIC WORKS DEPARTMENT
WATER UTILITY DIVISION
5501 PINO AVE. NE, BLDG. J
ALBUQUERQUE, NM 87109
TEL: (505) 857-8200

ZONING: SU-1 FOR SAND AND GRAVEL EXTRACTION
AND RELATED ACTIVITIES USES PERMISSIVE
IN THE M-1 ZONE

LOT AREA: 7,049,750 SQ. FT. (161.84 ACRES)

BUILDING AREA: 334,800 SQ. FT. (7.68 ACRES)

DRYING BED AREA: 214,120 SQ. FT. (4.92 ACRES)

LEGAL DESCRIPTION: 161.84 ACRES UNPLATTED TRACT IN
ELENA GALLEGOS GRANT, SEC. 27 & 34,
T11N, R3E, WEST OF CHAPPELL DRIVE,
NORTH OF MISSION ROAD, N.E.

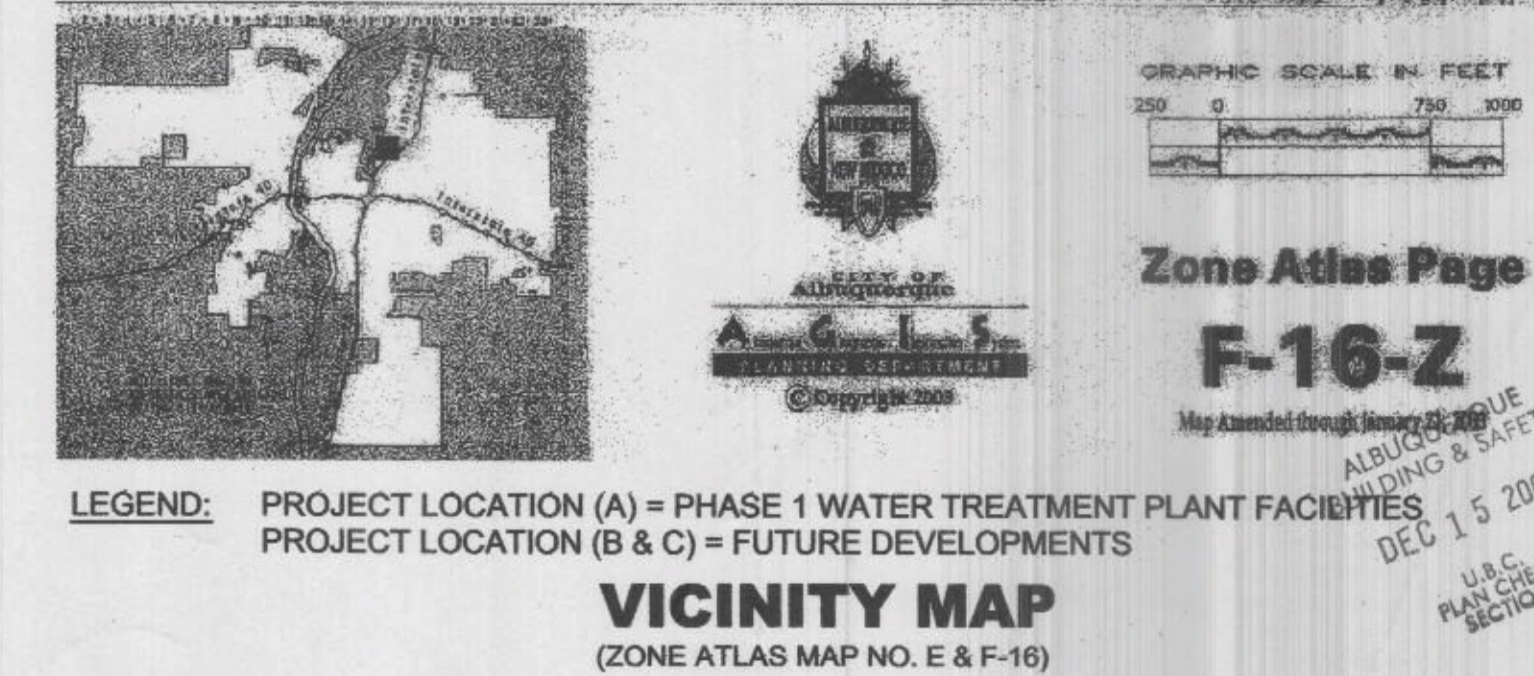
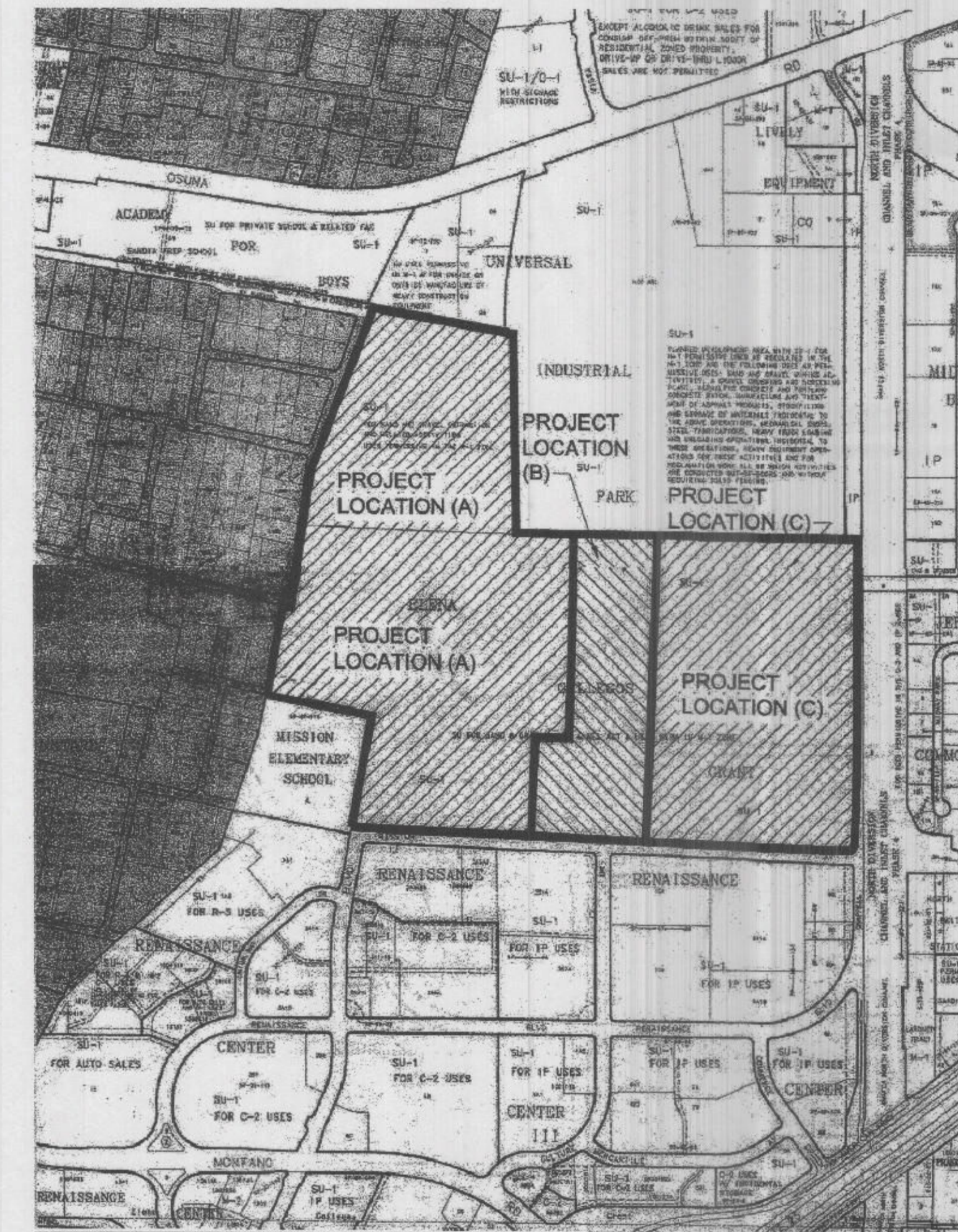
PROJECT NUMBER: 1003170

Application Number: 04DRB-01330 (SBP)

This plan is consistent with the specific Site Development Plan approved by the Environmental Planning Commission (EPC), dated Feb. 19, 2004 and the Findings and Conditions in the Official Notification of Decision are satisfied.

<i>[Signature]</i>	9-14-04
Traffic Engineering, Transportation Division	Date
<i>[Signature]</i>	9/8/04
Utilities Development	Date
<i>[Signature]</i>	9/8/04
Parks and Recreation Department	Date
<i>[Signature]</i>	9/8/04
City Engineer	Date
<i>[Signature]</i>	
Environmental Health Department (conditional)	Date
<i>[Signature]</i>	9-8-04
Solid Waste Management	Date
<i>[Signature]</i>	9/14/04
DRB Chairperson, Planning Department	Date

INDEX OF DRAWINGS		
SEQ. NO.	SHEET NO.	DESCRIPTION
1 OF 20	G-1	COVER SHEET, INDEX OF DRAWINGS AND LOCATION MAP
2 OF 20	C-1	CONTEXT MAP - SITE DATA
3 OF 20	C-2	DIMENSIONED SITE PLAN AND UTILITY LAYOUT
4 OF 20	C-3	PRELIMINARY GRADING PLAN
5 OF 20	L-1	LANDSCAPE PLAN - OVERALL SITE
6 OF 20	L-2	LANDSCAPE PLAN - ADMINISTRATION BUILDING AREA
7 OF 20	L-3	LANDSCAPE PLAN - DETAILS
8 OF 20	A-2	ADMINISTRATION BUILDING-LAYOUT PLAN
9 OF 20	A-3	ADMINISTRATION BUILDING-OVERALL ELEVATION
10 OF 20	A-4	ADMINISTRATION BUILDING-ENLARGED ELEVATION
11 OF 20	A-5	ADMINISTRATION BUILDING-ENLARGED ELEVATION
12 OF 20	A-6	PROCESS BUILDING ELEVATION KEY PLAN
13 OF 20	A-7	RAPID MIX AND SETTLED WATER PUMP STATION - ELEVATIONS
14 OF 20	A-8	FLOCCULATION AND SEDIMENTATION FACILITY - ELEVATIONS
15 OF 20	A-9	OZONE BUILDING - ELEVATIONS
16 OF 20	A-10	FILTRATION FACILITY - ELEVATIONS
17 OF 20	A-11	CHEMICAL FACILITY - ELEVATIONS
18 OF 20	A-12	FINISHED WATER PUMP STATION - ELEVATIONS
19 OF 20	A-13	GRAVITY THICKENERS, GRAVITY THICKENER PUMP STATION AND OZONE CONTACTORS - ELEVATIONS
20 OF 20	A-14	BACKWASH WASTE EQUALIZATION TANK AND FINISHED WATER STORAGE TANKS - ELEVATIONS



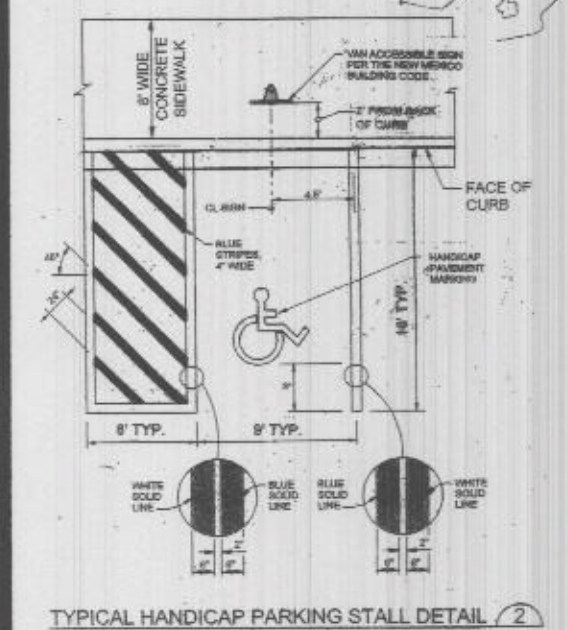
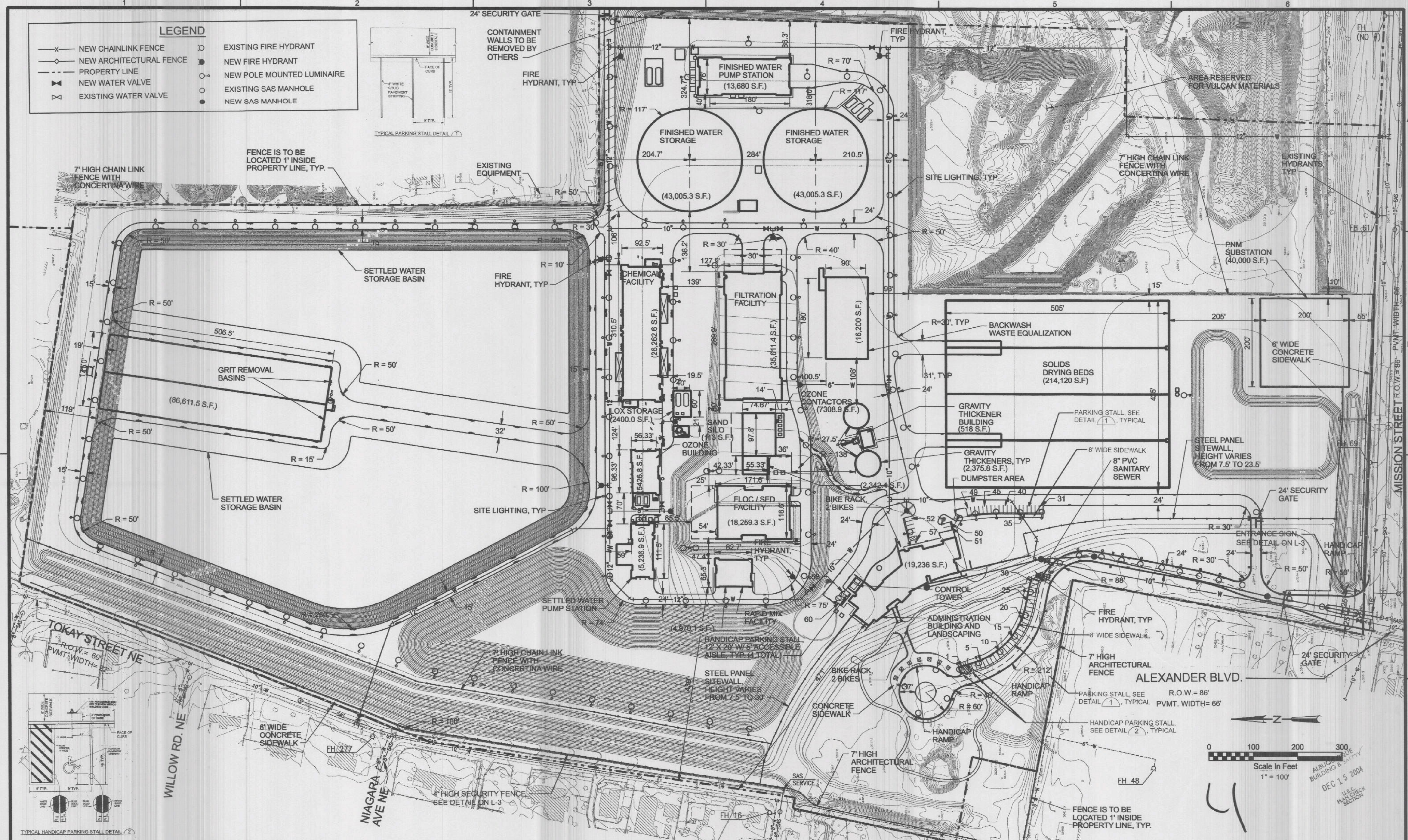
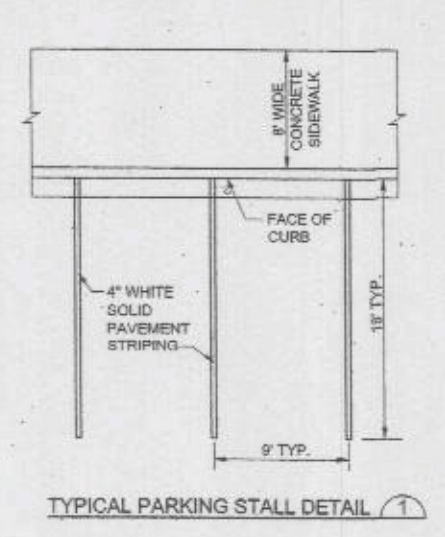
PRELIMINARY NOT FOR CONSTRUCTION	DSGN						VERIFY SCALE	CH2MHILL CITY OF ALBUQUERQUE NEW SURFACE WATER TREATMENT PLANT ALBUQUERQUE, NEW MEXICO	PHASE 1 COVER/INDEX SHEET	DR					SHEET 1 of 20
	CHK						BAR IS ONE INCH ON ORIGINAL DRAWING. 0 1"			DATE	July 26, 2004				
	APVD						IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.			PROJ	175569.TP				
	NO.	DATE	REVISION	BY	APVD	FILENAME:	COVER_SHEET.dwg			PLOT DATE:	26-July-2004				

THIS DOCUMENT AND THE IDEAS AND DESIGNS INCORPORATED HEREIN, AS AN INSTRUMENT OF PROFESSIONAL SERVICE, IS THE PROPERTY OF CH2M HILL AND IS NOT TO BE USED, IN WHOLE OR IN PART, FOR ANY OTHER PROJECT WITHOUT THE WRITTEN AUTHORIZATION OF CH2M HILL.

2

LEGEND

-X-	NEW CHAINLINK FENCE	○	EXISTING FIRE HYDRANT
- - -	NEW ARCHITECTURAL FENCE	●	NEW FIRE HYDRANT
- - -	PROPERTY LINE	○	NEW POLE MOUNTED LUMINAIRE
⊕	NEW WATER VALVE	○	EXISTING SAS MANHOLE
⊕	EXISTING WATER VALVE	●	NEW SAS MANHOLE



DSGN	J. NESSI
DR	L. GOODKIN
CHK	
APVD	

NO.	DATE	DESCRIPTION	APVR	N

VERIFY SCALE
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 0 1"
 IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

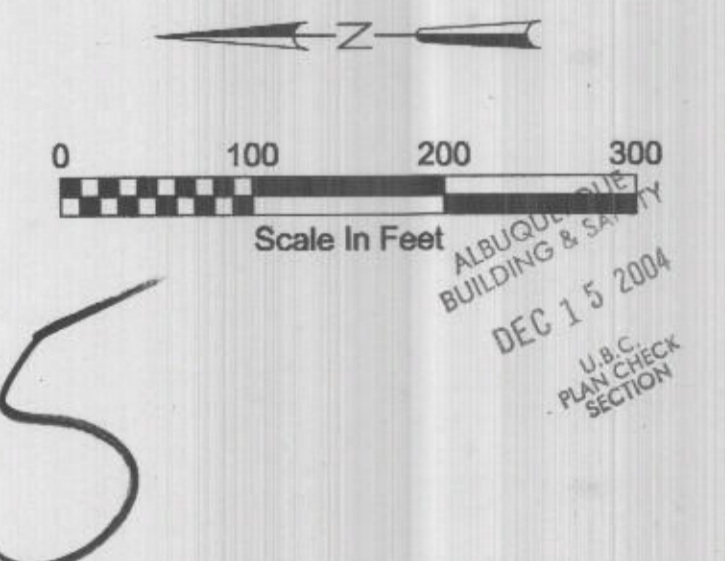
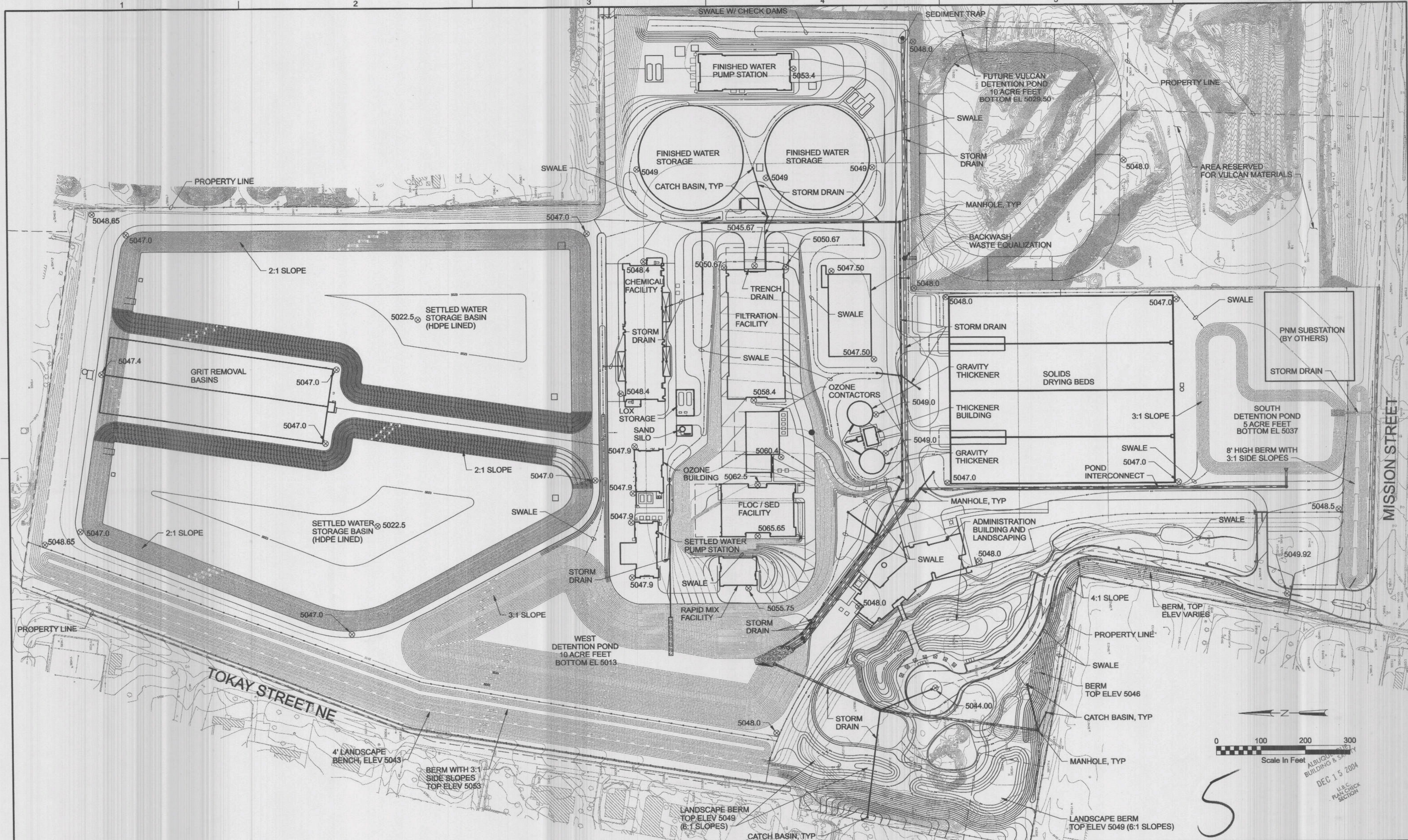
CH2MHILL

CITY OF ALBUQUERQUE
 WATER TREATMENT PLANT
 ALBUQUERQUE, NEW MEXICO

PHASE 1
DIMENSIONED SITE PLAN & UTILITY LAYOUT

SHEET	3 of 20
DWG	C-2
DATE	DEC 30, 2003
PROJ	175569.TP

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DSGN	J. NESSL								
DR	L. GOODKIN								
CHK									
APVD		NO.	DATE	DESCRIPTION	APVR	N	BY	APVD	
		NO.	DATE	REVISION					

VERIFY SCALE
 BAR IS ONE INCH ON ORIGINAL DRAWING.
 0 1"

CH2MHILL

CITY OF ALBUQUERQUE
 WATER TREATMENT PLANT
 ALBUQUERQUE, NEW MEXICO

PHASE 1
 PRELIMINARY GRADING PLAN



SHEET	4 of 20
DWG	C-3
DATE	DEC 30, 2003
PROJ	175569.TP

TOTAL LANDSCAPE AREA	
Total Site Area	78.8 Acres
Building Area	24.5 Acres
Net Site Area	54.3 Acres
Required Landscape (15%)	8.1 Acres
Landscape Provided	14.1 Acres

PUBLIC AREA	
Site Area	15.9 Acres
Building Area	0.5 Acres
Net Site Area	15.4 Acres
Required Landscape (15%)	2.3 Acres
Landscape Provided	14.1 Acres

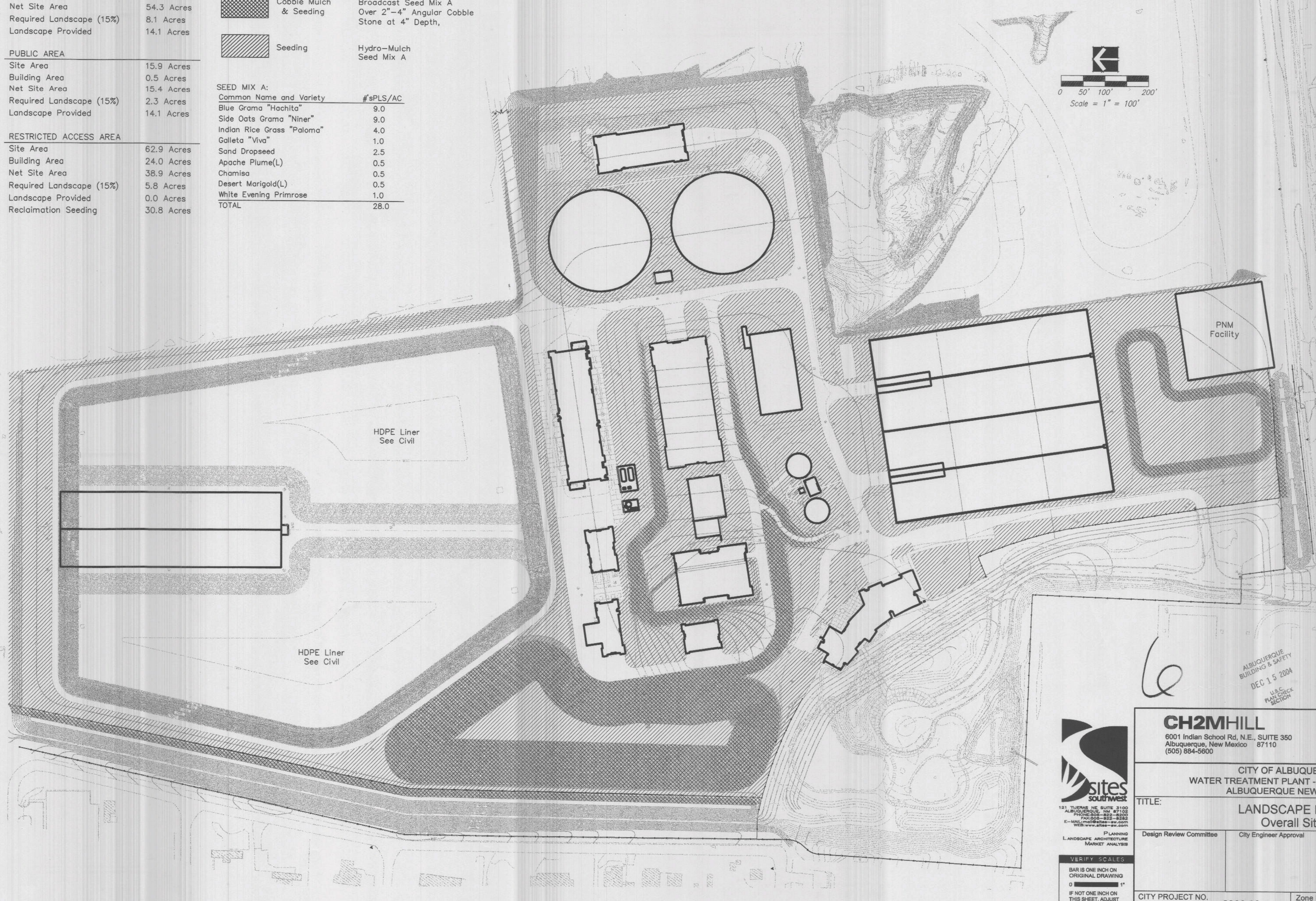
RESTRICTED ACCESS AREA	
Site Area	62.9 Acres
Building Area	24.0 Acres
Net Site Area	38.9 Acres
Required Landscape (15%)	5.8 Acres
Landscape Provided	0.0 Acres
Reclamation Seeding	30.8 Acres

LEGEND:

	Cobble Mulch & Seeding	Broadcast Seed Mix A Over 2"-4" Angular Cobble Stone at 4" Depth,
	Seeding	Hydro-Mulch Seed Mix A

SEED MIX A:

Common Name and Variety	#sPLS/AC
Blue Grama "Hachita"	9.0
Side Oats Grama "Niner"	9.0
Indian Rice Grass "Paloma"	4.0
Galleta "Viva"	1.0
Sand Dropseed	2.5
Apache Plume(L)	0.5
Chamisa	0.5
Desert Marigold(L)	0.5
White Evening Primrose	1.0
TOTAL	28.0



CH2MHILL
6001 Indian School Rd, N.E., SUITE 350
Albuquerque, New Mexico 87110
(505) 884-8800

CITY OF ALBUQUERQUE
WATER TREATMENT PLANT - BID DOCUMENTS
ALBUQUERQUE NEW MEXICO

TITLE: **LANDSCAPE PLAN
Overall Site**

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

CITY PROJECT NO. **6806.02** Zone Map No. **E & F-16** SHEET **5** OF **20**
DRAWING NO. **95-L-1**

ENGINEER'S SEAL		SURVEY INFORMATION		BENCH MARKS		AS BUILT INFORMATION	
NO.	DATE	NO.	DATE	CONTRACTOR	DATE	CONTRACTOR	DATE
				Albuquerque Metropolitan Flood Control Authority North			
				Diversion Channel Brass Cap Number 12-1D2 Brass			
				Cap set on concrete post projecting 0.4 feet above the ground			
				BM located 700 feet south of the Osuna Bridge over the North			
				Diversion Channel West Bank. Eley=5068.59 (NAV/D88).			
				Northing=1511047.540, Easting=1534677.470 (NAD83)			
				New Mexico state plane coordinate			
				system, central zone).			

ALBUQUERQUE
BUILDING & SAFETY
DEC 15 2004
U.S.C.
PLS CHECK
SECTION

VERIFY SCALES
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Landscape Notes

Plans are diagrammatic and approximate due to the scale of the drawings, and not all individual shrubs or groundcovers are shown. Actual tree locations may vary to accommodate signage, lighting locations, or other site constraints.

Intent of plan is to conform to all City ordinances and codes relating to landscape requirements, including the Water Conservation Landscaping and Water Waste Ordinance (C_ORD 18-1995)

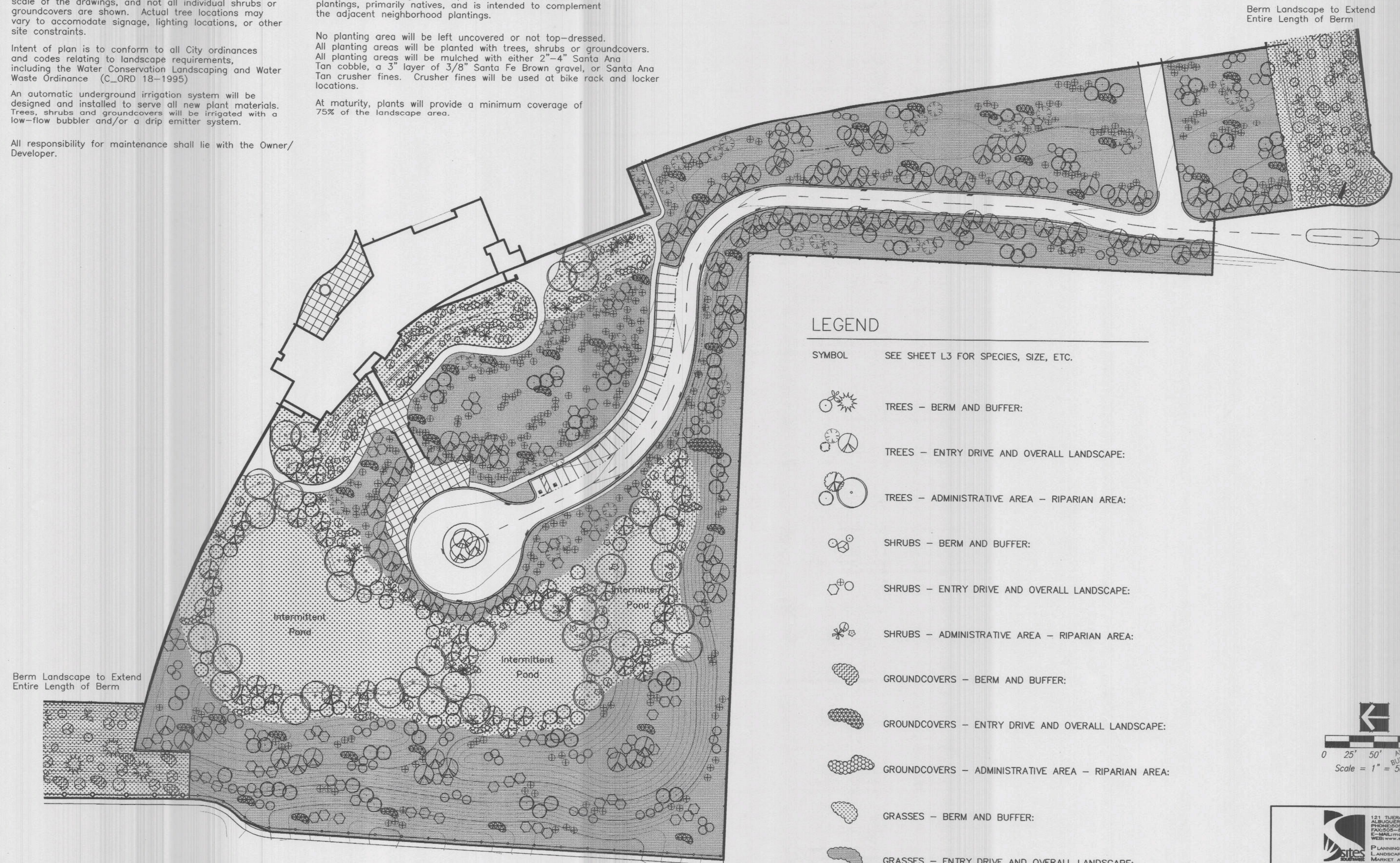
An automatic underground irrigation system will be designed and installed to serve all new plant materials. Trees, shrubs and groundcovers will be irrigated with a low-flow bubbler and/or a drip emitter system.

All responsibility for maintenance shall lie with the Owner/ Developer.

The landscape design will emphasize water-conservative plantings, primarily natives, and is intended to complement the adjacent neighborhood plantings.

No planting area will be left uncovered or not top-dressed. All planting areas will be planted with trees, shrubs or groundcovers. All planting areas will be mulched with either 2"-4" Santa Ana Tan cobble, a 3" layer of 3/8" Santa Fe Brown gravel, or Santa Ana Tan crusher fines. Crusher fines will be used at bike rack and locker locations.

At maturity, plants will provide a minimum coverage of 75% of the landscape area.

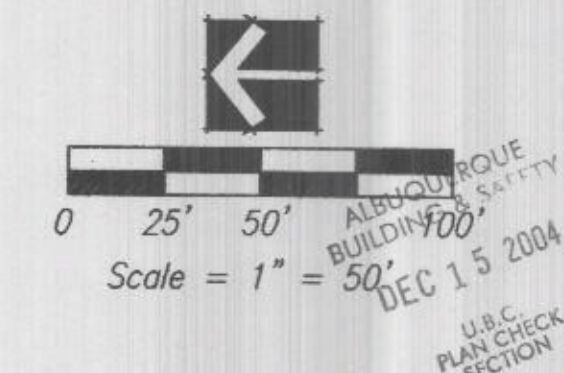


LEGEND

- SYMBOL SEE SHEET L3 FOR SPECIES, SIZE, ETC.
- TREES - BERM AND BUFFER:
 - TREES - ENTRY DRIVE AND OVERALL LANDSCAPE:
 - TREES - ADMINISTRATIVE AREA - RIPARIAN AREA:
 - SHRUBS - BERM AND BUFFER:
 - SHRUBS - ENTRY DRIVE AND OVERALL LANDSCAPE:
 - SHRUBS - ADMINISTRATIVE AREA - RIPARIAN AREA:
 - GROUNDCOVERS - BERM AND BUFFER:
 - GROUNDCOVERS - ENTRY DRIVE AND OVERALL LANDSCAPE:
 - GROUNDCOVERS - ADMINISTRATIVE AREA - RIPARIAN AREA:
 - GRASSES - BERM AND BUFFER:
 - GRASSES - ENTRY DRIVE AND OVERALL LANDSCAPE:
 - GRASSES - ADMINISTRATIVE AREA - RIPARIAN AREA:

Berm Landscape to Extend Entire Length of Berm

Berm Landscape to Extend Entire Length of Berm



sites
121 THERAS BLVD SUITE 3100
ALBUQUERQUE, NM 87102
PHONE: 505-262-8200
FAX: 505-262-8282
E-MAIL: info@sites-nm.com
WEB: www.sites-nm.com

PLANNING
LANDSCAPE ARCHITECTURE
MARKET ANALYSIS

CITY OF ALBUQUERQUE
WATER TREATMENT FACILITY
ALBUQUERQUE NEW MEXICO

TITLE:
LANDSCAPE PLAN
Administration Building Area

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

CITY PROJECT NO. _____ Zone Map No. E16, F16 SHEET 6 OF 20 DRAWING NO. L2

AS BUILT INFORMATION

CONTRACTOR	DATE
DESIGNED BY	DATE
APPROVED BY	DATE
FIELD CHECK BY	DATE
DRAWN BY	DATE
CHECKED BY	DATE
RECORDED BY	DATE
NO.	

BENCH MARKS

SURVEY INFORMATION

FIELD NOTES	
NO.	DATE

ENGINEER'S SEAL

NO.	DATE	REVISIONS	BY

DESIGNED BY	PROJECT NO.	DATE	APPROVED BY
DRAWN BY	175569-TP	FEB 2004	Approver
CHECKED BY			

7

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