

#### **EXISTING CONDITIONS:**

THE 1.37 AC, HAS BEEN MASS GRADED AS PART OF THE SEVEN BAR RANCH. IT IS CURRENTLY UNDEVELOPED. ON THE NORTHERN AND WESTERN PORTION OF THE PROPERTY THERE ARE 3:1 SLOPES WHICH DRAIN INTO THE SUBJECT PROPERTY AND THE LOT IS DESIGNED TEMPORARILY TO RETAIN FLOWS FROM THE SITE.

#### **DEVELOPED CONDITIONS:**

AN OFFICE BUILDING IS PLANNED FOR THIS SITE. THE SITE WILL BE DRAINING INTO THE STORM DRAIN WITHIN THE AMERICAN ROD AND CONVEYED TO THE NM 528 STORM DRAIN SYSTEM PER THE DRAINAGE REPORT FOR THE SEVEN BAR RANCH BY MARK GOODWIN AND ASSOCIATES. EXCESS DEVELOPED CONDITION FLOWS WILL BE DETAINED ON SITE WITH A 90" CMP UNDERGROUND PONDING AND PARKING LOT PONDS DESIGNED TO BE LESS THAN 6" IN DEPTH. THE RUNOFF WILL DISCHARGE FROM THE SUBJECT LOT THROUGH AN ORIFICE AT OR BELOW THE ALLOWABLE DISCHARGE INTO THE EXISTING STORM DRAIN STUBOUT.

### HYDROLOGY NOTES

PERCIPITATION ZONE:

BASIN: 1

TOTAL TRACT AREA = 1.37 Ac

LAND TREATMENT AREAS WITHIN TRACT CONTRIBUTING TO RETENTION POND:

15% LAND TREATMENT B = 0.21 Ac 85% LAND TREATMENT D = 1.16 Ac

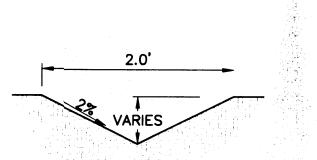
PEAK DISCHARGE  $Q_{p}100 - 6HR = (AREA)(Q_{p}) + (AREA)(Q_{p})$ 

= (0.21)(2.03cfs/Ac)+(1.16)(4.37cfs/Ac) = 5.49 cfs

= 5.49 cfs

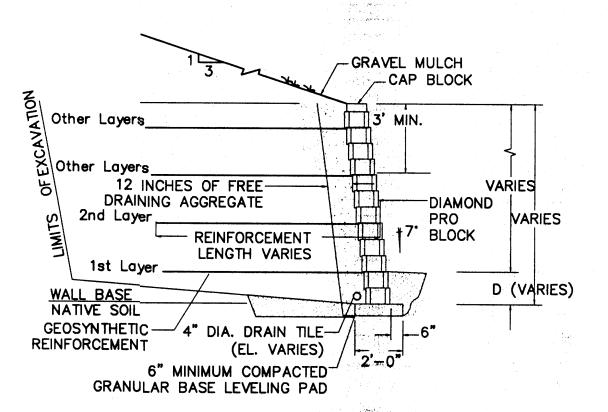
#### **GENERAL NOTES:**

- 1 ALL WORK DETAILED ON THESE PLANS, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREON, SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE NEW MEXICO STANDARD SPECIFICATIONS FOR PUBLIC WORKS CONSTRUCTION 1987 EDITION.
- 2 A CONSTRUCTION PERMIT WILL BE REQUIRED BEFORE BEGINNING ANY WORK WITHIN CITY RIGHT-OF-WAY. AN APPROVED COPY OF THESE PLANS MUST BE SUBMITTED AT THE TIME OF APPLICATION FOR THIS PERMIT.
- 3 TWO WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LINE LOCATING SERVICE, 260-1990, FOR LOCATION OF EXISTING UTILITIES.
- 4 PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATIONS OF ALL OBSTRUCTIONS. SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY.
- 5 MAINTENANCE OF DRAINAGE FACILITIES SHALL BE THE RESPONSIBILITY OF THE OWNER OF THE PROPERTY ON WHICH THEY ARE CONSTRUCTED. ROOF DRAINS AND APPURTENANCES SHALL BE REGULARLY INSPECTED AND OBSTRUCTIONS REMOVED.
- 6 ALL UTILITIES AND UTILITY SERVICE LINES SHALL BE INSTALLED PRIOR TO PAVING.
- 7 DISPOSAL OF ALL WASTE MATERIAL SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR.
- 8 CONSTRUCTION SAFETY: THESE DRAWINGS DO NOT INCLUDE NECESSARY COMPONENTS FOR CONSTRUCTION SAFETY WHICH SHALL REMAIN THE CONTRACTOR'S SOLE RESPONSIBILITY.
- 9 THE CONTRACTOR SHALL ENSURE THAT NO SOIL ERODES FROM THE SITE INTO PUBLIC RIGHT-OF-WAY OR ONTO PRIVATE PROPERTY. THIS CAN BE ACHIEVED BY CONSTRUCTING TEMPORARY BERMS AT THE PROPERTY LINES AND WETTING THE SOIL TO KEEP IT FROM BLOWING.
- 10 THE CONTRACTOR SHALL PROMPTLY CLEAN UP ANY MATERIAL EXCAVATED WITHIN THE PUBLIC RIGHT-OF-WAY SO THAT THE EXCAVATED MATERIAL IS NOT SUSCEPTIBLE TO WASHING DOWN THE STREET.
- 11 THE CONTRACTOR SHALL EXERCISE CARE SO AS NOT TO DISTURB OR DAMAGE EXISTING FEATURES TO REMAIN DURING ALL PHASES OF CONSTRUCTION.
- 12 ALL SIDEWALKS SHALL HAVE A 2% CROSS-SLOPE UNLESS OTHERWISE INDICATED.



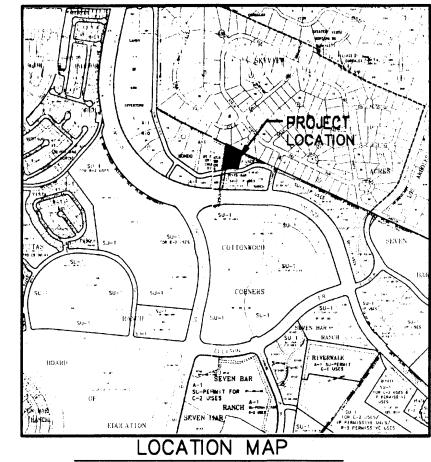
SECTION B-B SWALE DETAIL

NOT TO SCALE

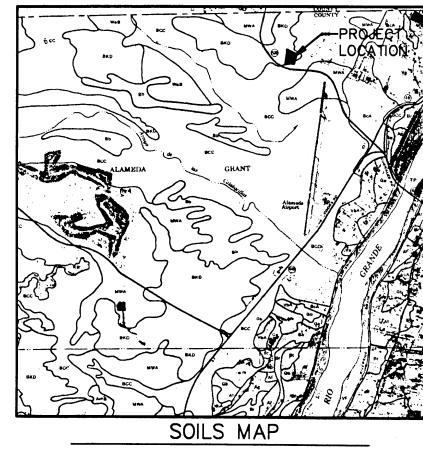


# SECTION A-A

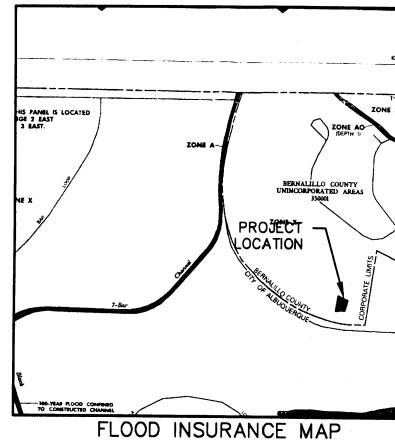
SEGMENTED BLOCK GEOSYNTHETIC
REINFORCED RETAINING WALL (TYPICAL)
NTS



ZONE ATLAS MAP NO. A-13 & A-14



REFERENCE: SCS BERNALILLO COUNTY
SOIL SURVEY SHEET NO. 10



REFERENCE: FLOOD INSURANCE STUDY PANEL 108

# LEGAL DESCRIPTION:

LOT 4, TRACT C-1A1, SEVEN-BAR RANCH

# BENCH MARK:

ACS STATION "16-K14" BRASS TABLET AT THE INTERSECTION OF THE CENTERLINE OF CENTRAL AVE. & WALTER ST. ELEV. = 4998.602'

#### TEMPORARY BENCH MARK:

5/8" REBAR WITH AMUMINUM CAP STAMPED "CP-205" N=1533796.243, E=1517701.409 ELEV. = 5202.889'

# NOT FOR CONSTRUCTION



2600 THE AMERICAN ROAD S.E.
SUITE 100
RIO RANCHO, NEW MEXICO
87124
(505) 898-8021

by revision

<u>\$44444</u>



Mullen Heller Architecture P.C.

1104 Hermosa Drive SE Albuquerque 87108 505 268 4144[p] 505 268 4244 [f]



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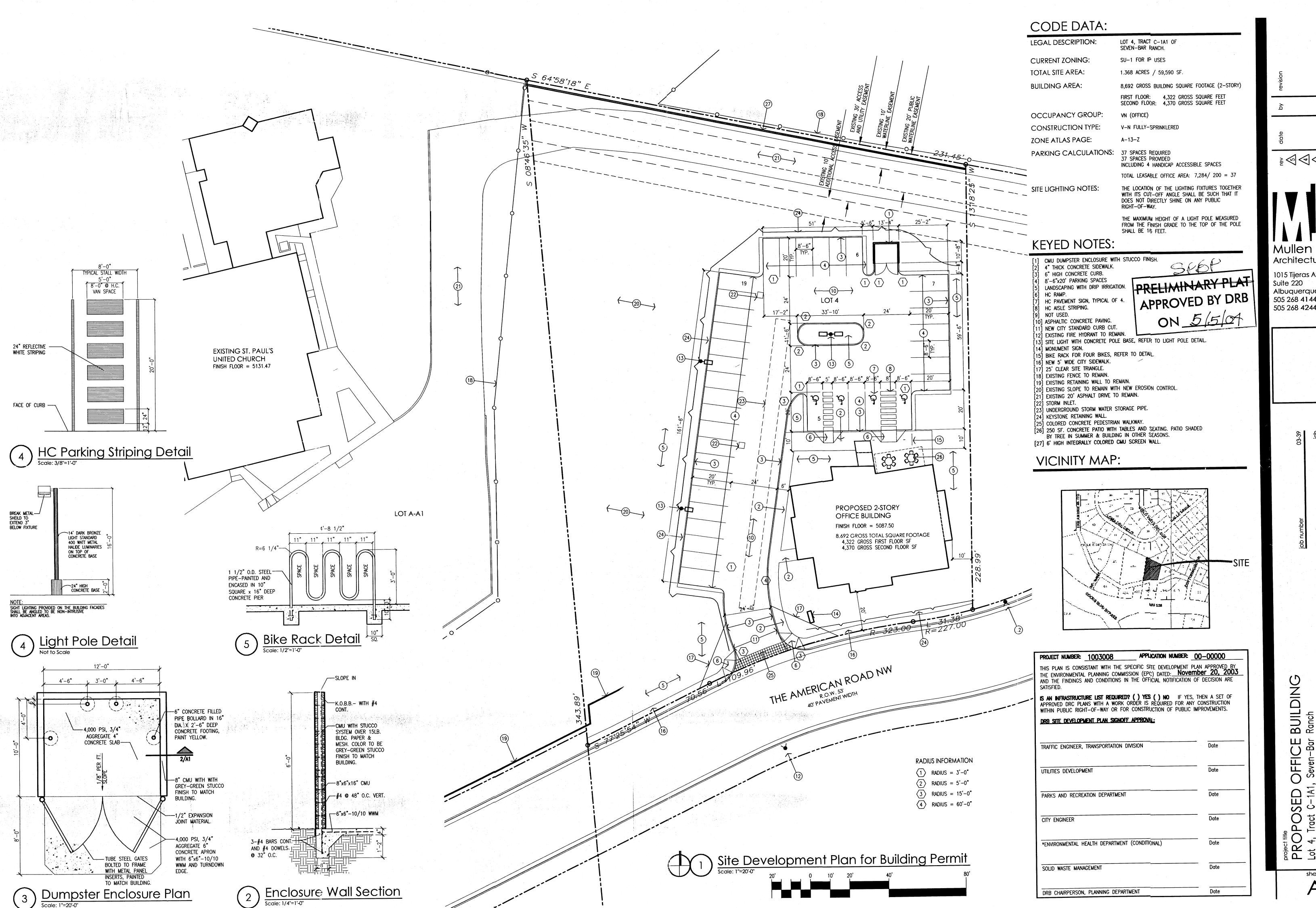
Iwn by MDG

iject manager SJS

te 10/2/03

4, Tract C-1A1, Seven-Bar Ranch uquerque, NM

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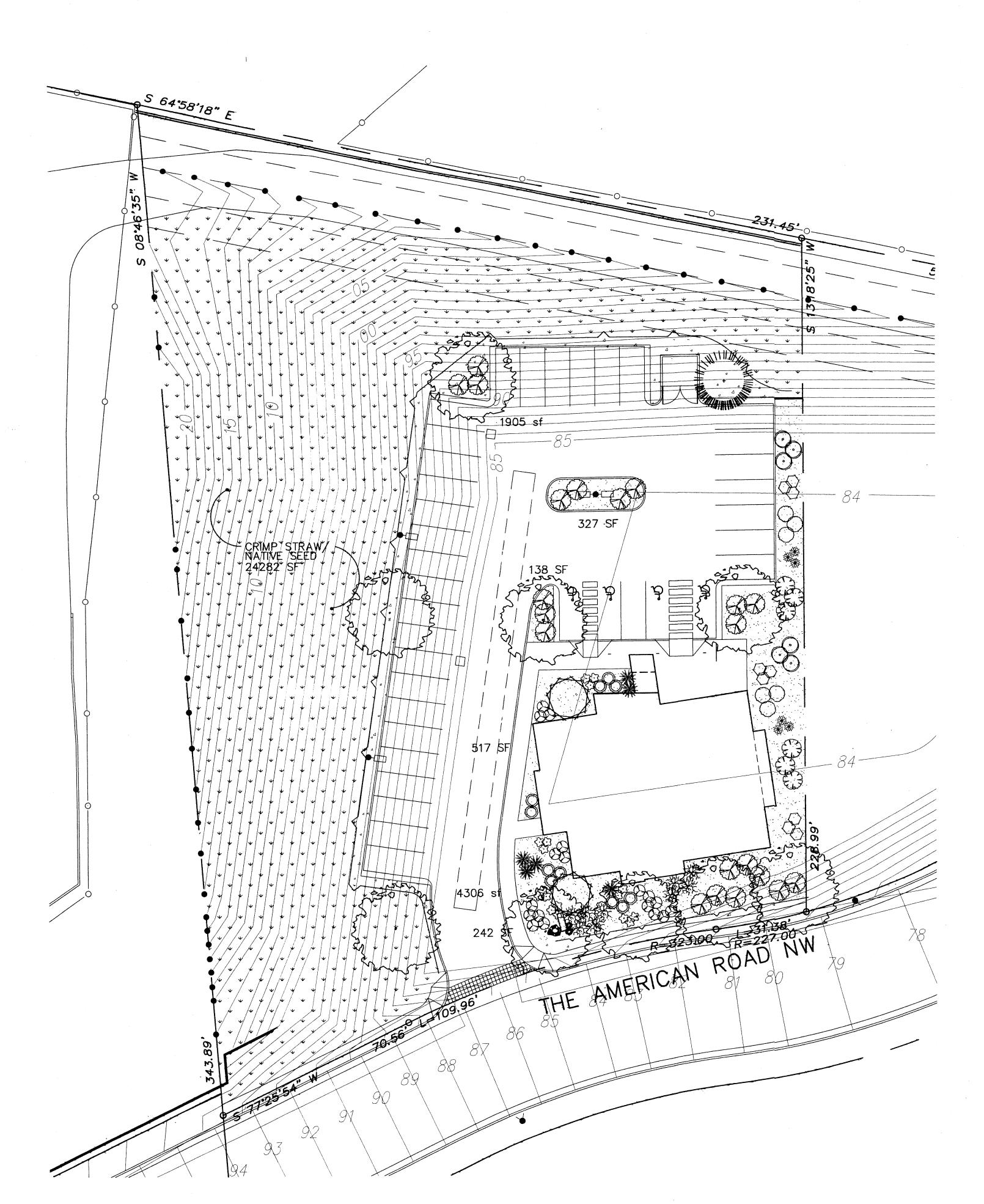


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Architecture P.C. 1015 Tijeras Avenue NVV

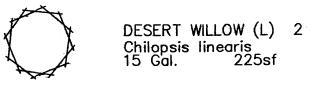
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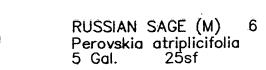
Architectural Site



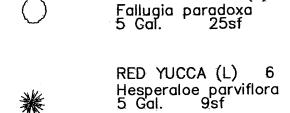
# PLANT LEGEND

SYCAMORE (M) Platanus spp. —&/or— HONEY LOCUST (H) 9 Gleditsia triacanthos 2" Cal.



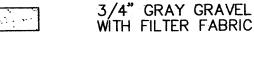


APACHE PLUME (L) 6













LEYLAND CYPRESS (M) Cupressocyparis leylandii -&/or-AUSTRIAN PINE (H) Pinus nigra 6'—8'

ROSEMARY (M) 11 Rosmarinus officianalis 2 Gal. 36sf POTENTILLA (M) 17

AUTUMN SAGE (M) 9 Salvia greggii 2 Gal. 9sf

Potentilla fruticosa 2 Gal. 9sf

HONEYSUCKLE (M) 21 Lonicera sempervirens 1 Gal. 200sf Unstaked-Groundcover

CREEPING ROSEMARY (M) 9 Rosmarinus officinalis 'Prostrata' 1 Gal. 36sf

CHAMISA (L) 6 Chrysothamnus nauseosus 1 Gal. 25sf

WILDFLOWER 18 1 Gal. 4sf

CRIMP STRAW/NATIVE SEED (STANDARD COA MIX WITH WILDFLOWERS ADDED)

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.

3/4" Gray Gravel over Filter Fabric shall be placed in all landscape areas which are not designated to receive native seed.

# LANDSCAPE CALCULATIONS

TOTAL LOT AREA	59590	square	feet
TOTAL BUILDINGS AREA	-4322	square	feet
OFFSITE AREA	0	square	feet
NET LOT AREA	55268	square	feet
LANDSCAPE REQUIREMENT	15%		
TOTAL LANDSCAPE REQUIREMENT	8290	square	feet
TOTAL GRAVEL PROVIDED	7435	square	feet
GROUNDCOVER REQ.	75%	square	feet
TOTAL GROUNDCOVER REQUIREMENT	5576	square	feet
TOTAL GROUNDCOVER PROVIDED	6074	square	feet
TOTAL BED PROVIDED	7435	square	feet
TOTAL SOD PROVIDED	0	square	feet
TOTAL NATIVE SEED PROVIDED	24282	square	feet

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.

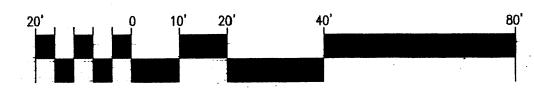
Run time per each drip valve will be approximately 15 minutes per day, to be adjusted according to the season.

Point of connection for irrigation system is unknown at current time and will be coordinated

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.





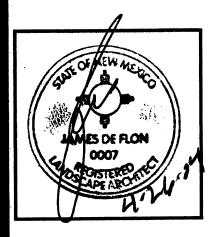


LANDSCAPE ARCHITECTS & CONTRACTORS Cont. Lic. #26458 7909 Edith N.E. Albuquerque, NM 87184 Ph. (505) 898-9690 Fax (505) 898-7737 cmd@hilltoplandscaping.com
All creative ideas contained Herein remains the
property of The Hilltop Landscape Architects and
Contractors and are protected by copyright laws. This is
an original design and must not be released or copied
unless applicable fees have been paid or job order
placed.

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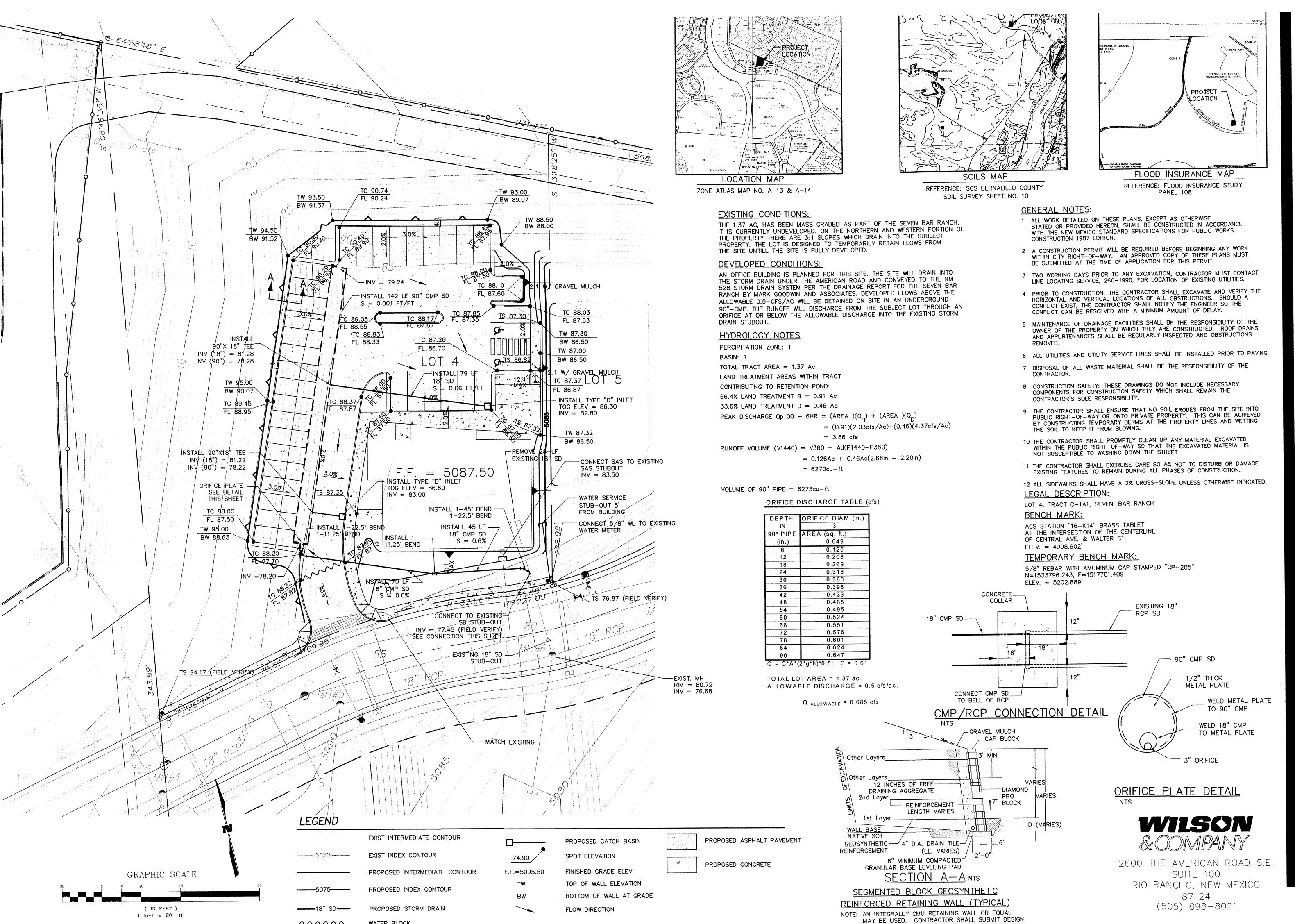


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Building

Bar Ranch



FOR APPROVAL PRIOR TO CONSTRUCTION.

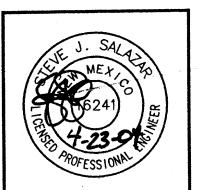
WATER BLOCK

**√** 

T. Dun Jactel V2219064/M/ -hantel 02646Dane dun 4/22/2004 24444 DM MTT

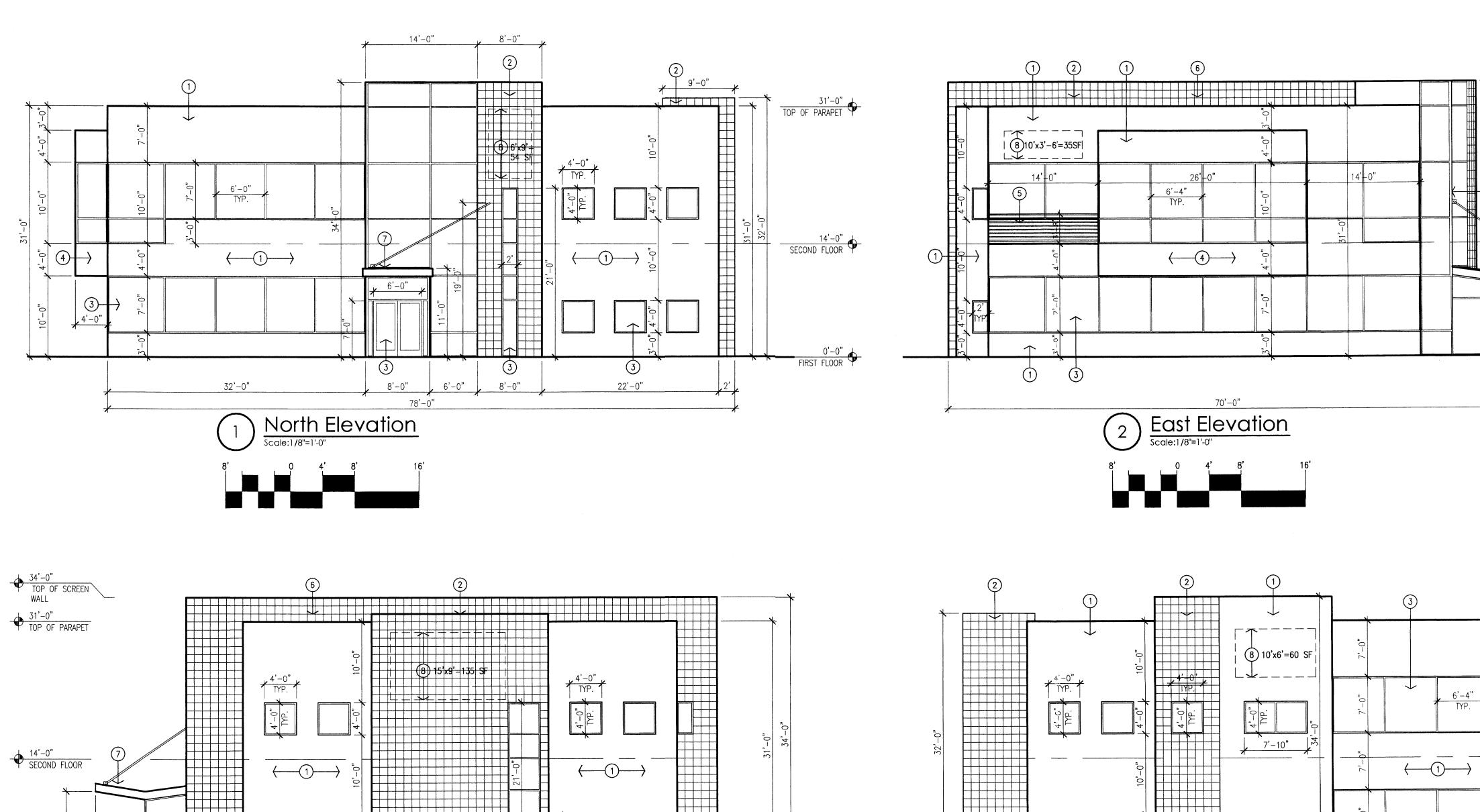
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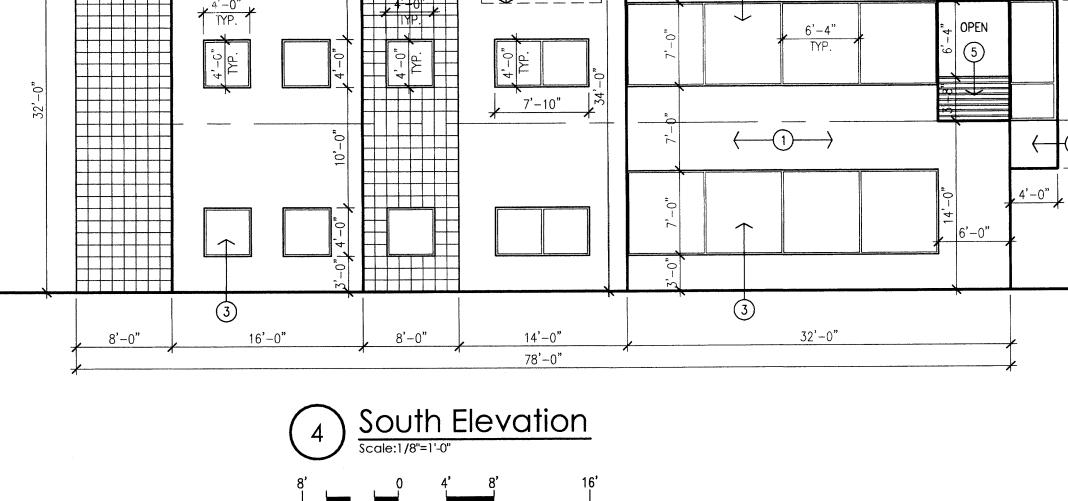
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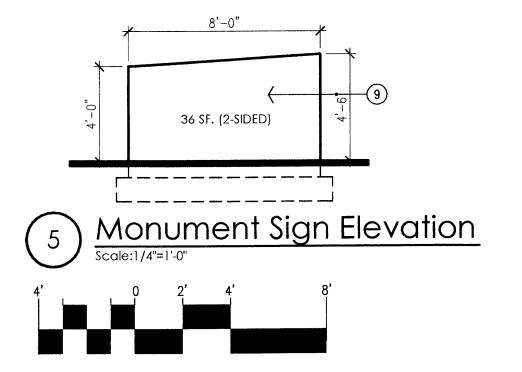


3

16'-0"

5'-0"





West Elevation
Scale:1/8"=1'-0"

17'-0" 66'-0"

6'-1"

0'-0"
FIRST FLOOR



34'-0"
TOP OF PARAPET

SECOND FLOOR

SECOND FLOOR

O'-0"
FIRST FLOOR

- [1] STUCCO SYSTEM: COLOR: GREY-GREEN STONE VENEER: COLOR: GREY-GREEN-GOLD BLEND.
- CLEAR ANODIZED STOREFRONT SYSTEM WITH 1" CLEAR INSULATED GLAZING.
- INSULATED GLAZING.

  [4] METAL PANEL. COLOR: SILVER TO MATCH STOREFRONT.

  [5] METAL RAILING. COLOR: SILVER TO MATCH STOREFRONT.

  [6] ROOFTOP SCREEN WALL FACED WITH STONE VENEER.

  COLOR: GREY—GREEN—GOLD BLEND.

  [7] METAL ROOFING AND FASCIA. COLOR: GREY

  [8] SIGNAGE LOCATIONS WITH INDIVIDUAL BACK—LIT CHANNEL
- [9] CMU MONUMENT SIGN WITH GREY-GREEN STUCCO FINISH. SIGNAGE TO BE INDIVIDUAL BACK-LIT CHANNEL LETTERS.

Mullen Heller

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PROPOSED OFFICE BUILDING
Lot 4, Tract C-1A1, Seven-Bar Ranch
Albuquerque, New Mexico