HYDROLOGY

G20/D12
1 PLAN

G20/D12

1 PLAN

PROJECT DATA:

LAND DESCRIPTION

Lot(s) [illegible]
Block [illegible]
Addition SANDIA SENIOR ADDITION
Zone(s) C-2 Map Reference G-20-Z

STRUCTURAL DESIGN CRITERIA

Roof Live Load 20 PSF
Floor Live Loads:
Basement
First 250 PSF
Mezzanine
Second
Third
Wind Load 25 PSF
Seismic Zone Zone 2
Fire Zone N/A
Type of Construction V-N
Occupancy B-2
Stress Values:
Lumber 1200 f
Steel 24,000 PSI
Soil Bearing Capacity 3,000 PSF

CONCRETE STRENGTHS, 28 DAY TEST

Block Fill 3000 PSI
Floor Slabs, Bond Beams 3000 PSI
Footings, Walls 3000 PSI
Exterior Walks, Slabs, Etc. 3000PSI AIR ENTRAINED

FLOOR AREAS / **SQ. FT. ALLOWABLE**

Basement
First (EXISTING) 3895 SF — Base 8,000 SF
Addition 868 SF
Second — Multistory
Third — Separation 60'
Total Area 4763 SF — Sprinklers
Occupant Load 48 — Separation All Sides 8,000 SF
Parking Required 24 — Total Allowable 16,000 SF
Parking Provided 43

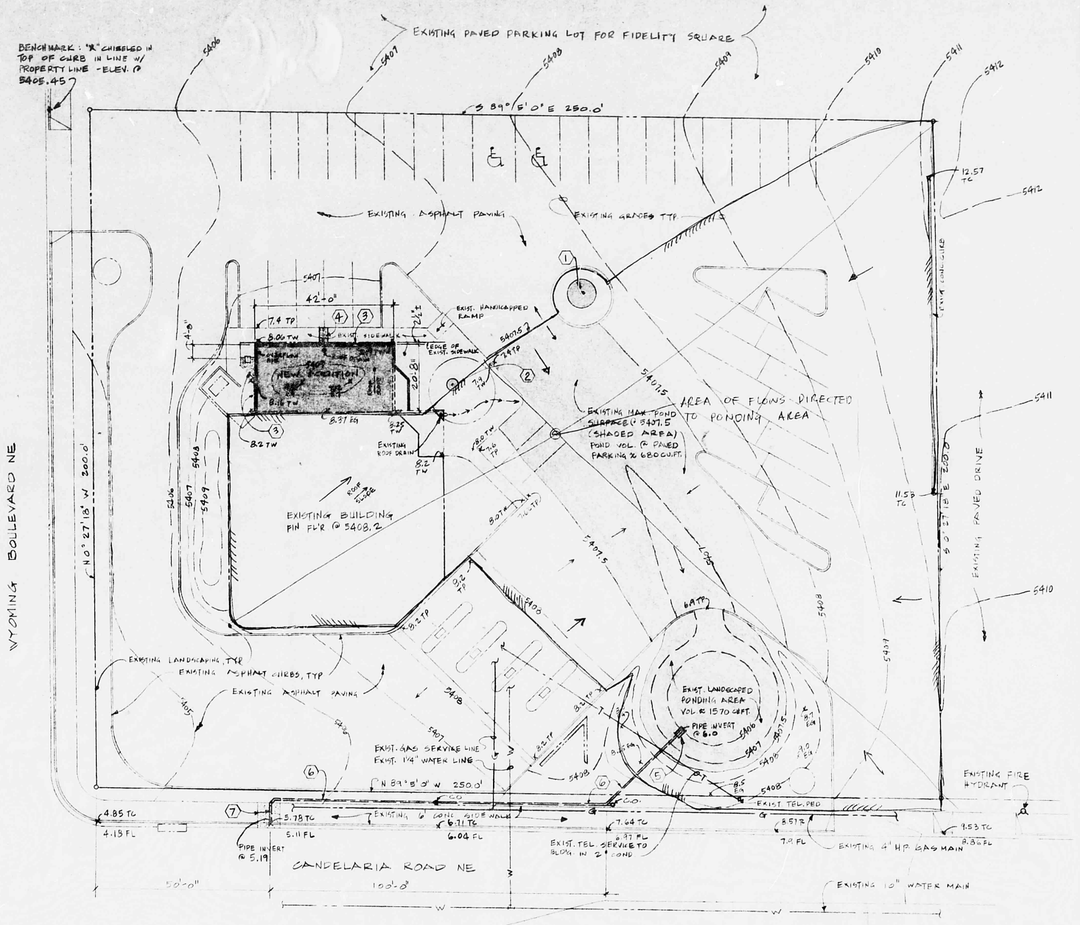
REFUSE CONTAINERS

EXISTING REFUSE COLLECTION FOR THIS SITE IS IN CONJUNCTION W/ COLLECTION SERVICE FOR ADJACENT FIDELITY SQUARE SHOPPING CENTER

GENERAL NOTES

1. CONTRACTOR TO BE RESPONSIBLE FOR COMPLIANCE WITH REQUIREMENTS OF CITY ORDINANCE 9-1-1 ENVIRONMENTAL HEALTH DIVISION REGARDING CONTROL OF DUST FROM EXCAVATION AND GRADING OPERATIONS. CONTRACTOR SHALL OBTAIN TOPSOIL REMOVAL PERMIT.

2. AFFECTED CONTRACTORS TO VERIFY EXACT LAYOUT OF ALL UTILITIES. PROTECT ALL FROM DAMAGE DURING NEW CONSTRUCTION OPERATIONS.



NORTH

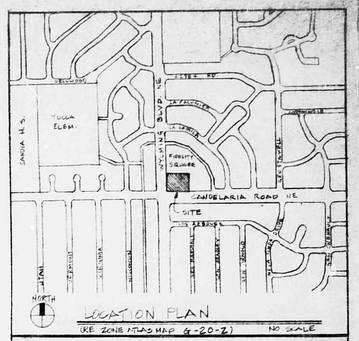
SITE & GRADING PLAN

(PER ATTACHED DRAINAGE MANUAL) SCALE: 1"=20'-0"

ALL CONST SHOWN THUS ——— IS EXISTING TO REMAIN.

GRADING SYMBOLS & ABBREVIATIONS:

— 5407 —	EXISTING CONTOUR LINE
X 7.6	EXISTING SPOT ELEVATION
TC = TOP OF CURB	EG = EXISTING FINISH GRADE
TW = TOP OF WALK	FL = FLOWLINE
TP = TOP OF PARAPET	→ = DIRECTION OF FLOW



LOCATION PLAN

(RE ZONE ATLAS MAP G-20-Z) NO SCALE

SITE PLAN NOTES

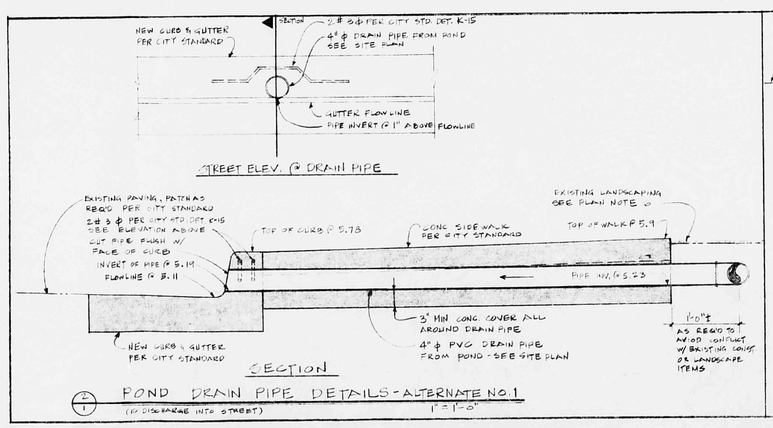
1. Pine tree relocated from "Addition" area - see Sheet #2. Prior to replanting, grub out stump and roots remaining from tree that was cut down to grade and afterwards replace other landscaping items in this area (gravel, boulders, etc.) to existing conditions.
2. Juniper relocated from "Addition" area - see Sheet #2. Prior to replanting, grub out stump and roots remaining from tree that was cut down to grade and afterwards replace other landscaping items in this area to existing conditions.
3. New 4" concrete walk from Addition to existing walk, flush new with existing, install 1/2" expansion joint next to Addition.
4. Install new 3" ø drain pipe under walk from roof drain line to daylight @ edge of walk, remove and replace existing walk as required, provide 3" min. concrete cover all around drain pipe.
5. Under Alternate No. 1, construct concrete header at new pond drain pipe -- see Detail 1/1.
6. Under Alternate No. 1, install new 4" ø drain pipe with cleanouts (c.o.) at 50'-0" o.c. as shown. During installation of pipe, protect existing landscape items from damage and/or remove and replace landscape items to existing conditions. Verify exact locations of all utility lines in path of new drain pipe and protect from damage.
7. Under Alternate No. 1, remove and replace per City Standards, full 6' sections of sidewalk and curb and gutter as required for installation of drain pipe; drain pipe to be encased in 3" min. of concrete all around under sidewalk and to daylight at face of curb per Detail 2/1 (in accordance with City Standards, Detail K-15).

NOTICE

THIS BUILDING(S) IS REQUIRED TO HAVE A FINAL INSPECTION BY THE REFUSE DIV. THE REFUSE CONTAINER REQUIRED SHALL BE IN PLACE PRIOR TO THE CERTIFICATE OF OCCUPANCY BEING ISSUED.
PHONE 766-7789 OR 766-7426

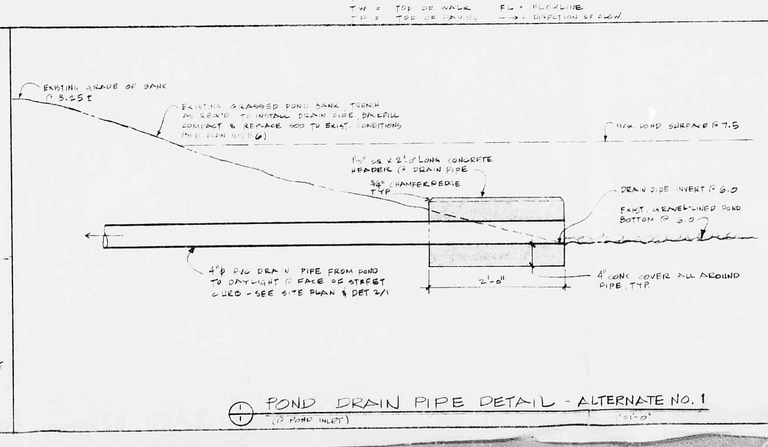
NOTICE

ALL COMMERCIAL BUILDINGS ARE REQUIRED TO HAVE AN FINAL INSPECTION BY THE FIRE DEPT. BEFORE A CERTIFICATE OF OCCUPANCY IS ISSUED. THE BUILDING(S) OR SPACE(S) SHALL BE COMPLETE AND READY TO OCCUPY.
PHONE 766-7537



POND DRAIN PIPE DETAILS - ALTERNATE NO. 1

(@ DISCHARGE INTO STREET) 1" = 1'-0"



POND DRAIN PIPE DETAIL - ALTERNATE NO. 1

(@ POND INLET) 1" = 1'-0"

EXTRA COPY FOR HYDROLOGY FILE

no.	date	revision

ART DEKKER
architect·engineer
2403 san mateo n.e. albuquerque, n.m. 87110
505-884-3308 plaza 15 884-3689

ADDITION TO SANDIA LABORATORY FEDERAL CREDIT UNION
8401 CANDELARIA ROAD NE ALBUQUERQUE, N.M.

job no.	8120
drn. by	TCF
ckd. by	AND
issued	4 NOV. 81
sheet	1 of 4

(1-4-81) 11-4-81