HYDROLOGY

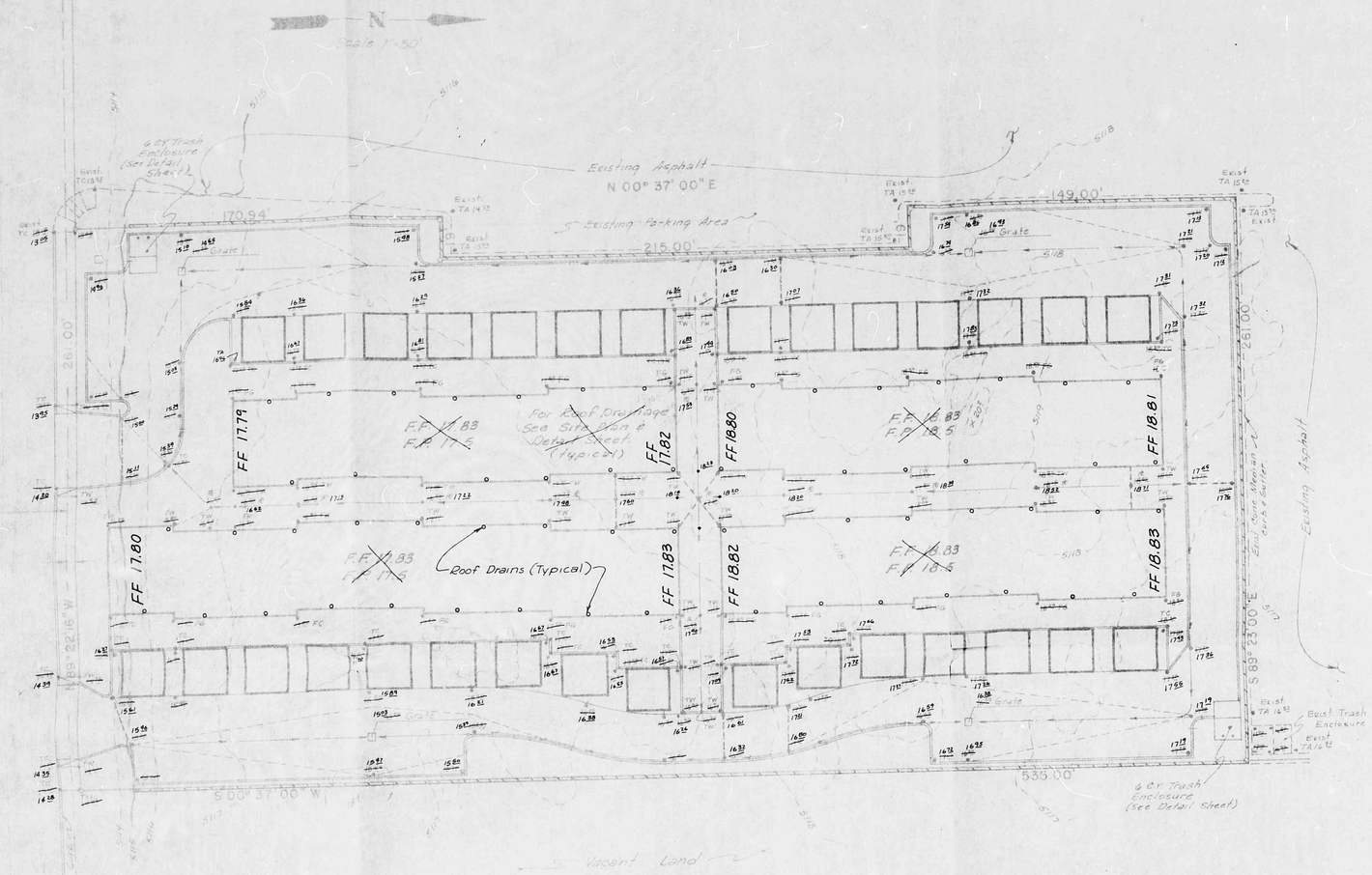
G11/D22A

TWO PLANS

2 PLANS FOR

CASA LADERA APTS.

G11-D22A



LEGEND

- Top of Asphalt Elev.
- Top of Sidewalk Elev.
- Direction of Flow
- 6' High Wall
- Finish Grade (Earth)
- Catch Basin
- Limits of Pond
- Grade Break

I, Jean J. Bordenave, do hereby certify the As Constructed Grading and Drainage shown hereon is in substantial compliance with the approved drainge report in that: 1) drainage is routed to designed outfalls; 2) he peak discharge rate has been increased less than one cubic foot persecond due to construction tolerances; and 3) emergency spillways are provided to pass the 100 year event without flooding finish floors.

JEAN J. BORDENAVE, N.M.P.E. & L.S. #5110

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DESIGN HYDROLOGY SECTION

PRINTED
NOV 28 1984

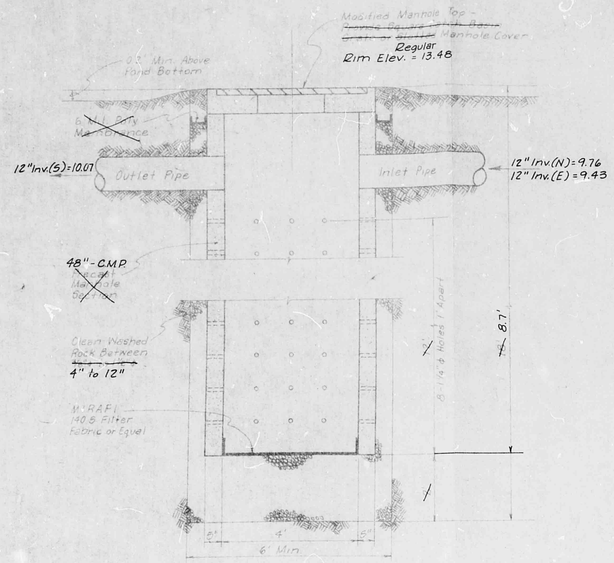
RECORD DRAWING

REGISTERED PROFESSIONAL ENGINEER
NO. 5110
STATE OF NEW MEXICO
JEAN J. BORDENAVE

FOR DRAINAGE ONLY

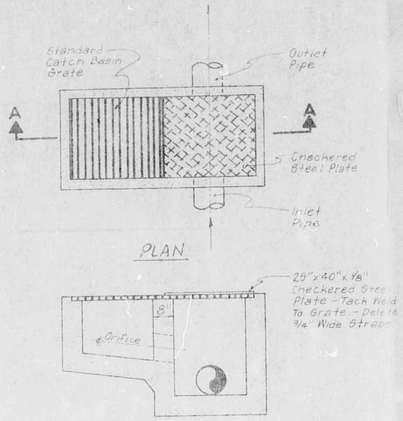
CASA LADERA
(GRADING PLAN)

G11/D22A



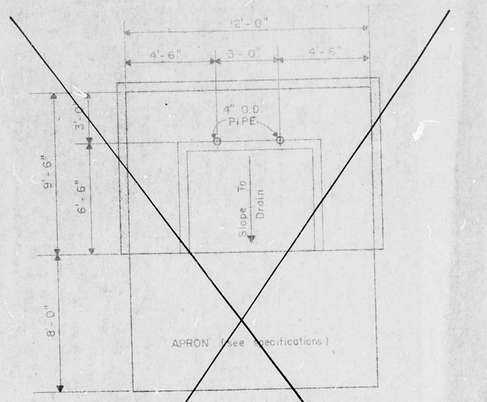
SEDIMENT BASIN SECTION

No Scale



MODIFIED DOUBLE "D" CATCH BASIN

No Scale



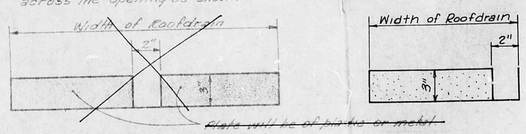
TRASH ENCLOSURE

No Scale

SPECIFICATION:

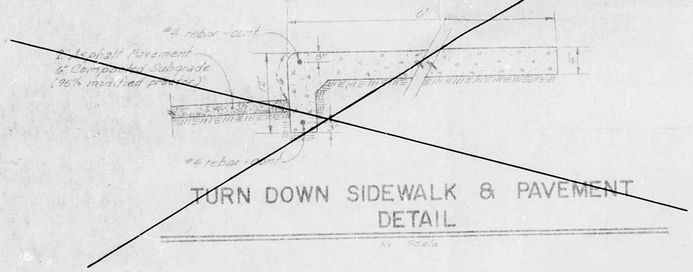
CONCRETE SLAB:	4" thick; 3,000 psi, 3/4" agg., w/6X6-10/10 WWM or equal slope to drain 1/8" per foot.
APRON:	6" thick; 3,000 psi, 3/4" agg., w/6X6-10/10 WWM or equal 12'-0" X 8'-0" X 6" with 1/2" expansion joint.
FOOTING:	As required by design.
ENCLOSURE WALLS:	5'-4" high, for a 4 cubic yard lift-bin, and 6'-0" high for a 6 cubic yard-bin, masonry, wood, shrubs or chainlink with slots.

ROOF DRAINS:
Roof Areas are used for storage to provide this storage a Weir Plate will be built across the opening as shown.



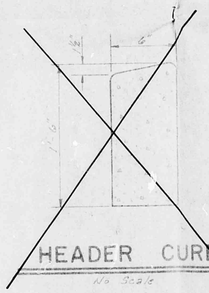
For the 100 year storm the peak flow
from the 1-br. = 0.035 c.f.s
2-br. = 0.037 c.f.s
(See basin routings for roof outflow)

⚠ ROOF DRAINAGE CONTROL



TURN DOWN SIDEWALK & PAVEMENT DETAIL

No Scale



HEADER CURB

No Scale

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REGISTERED PROFESSIONAL ENGINEER AND LAND SURVEYOR NO. 5110 NEW MEXICO JEAN J. BORDENAVE

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Planning
Engineering
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Economics

CASA LADERA
(DETAIL SHEET)

Engineers File No. 04622.03-02

G11/D22A