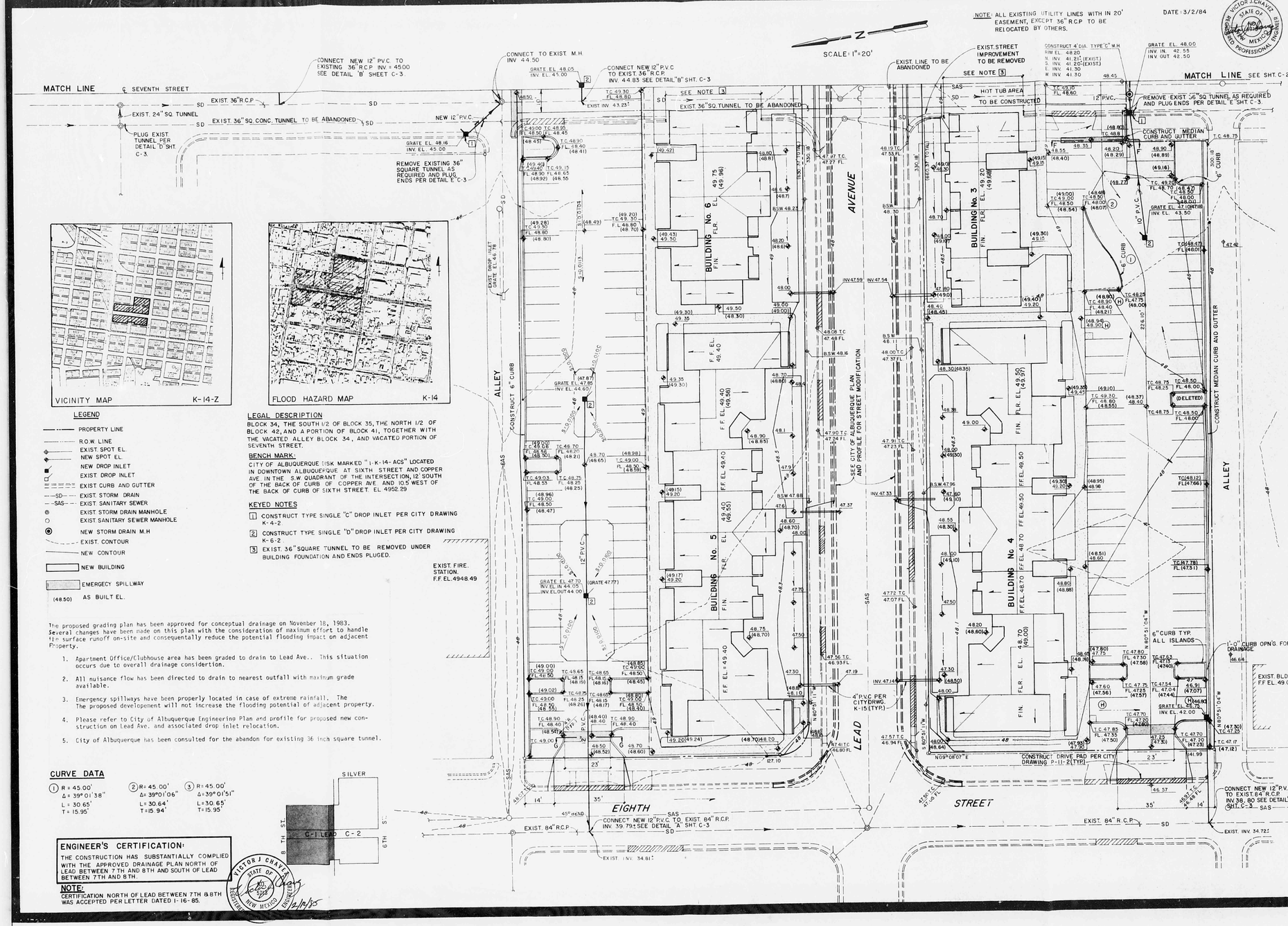
HYDROLOGY K14/D18 3 PLANS

K14/D18

3 Plans

CITY OF ALBUQUERQUE



LEGEND

- PROPERTY LINE
- R.O.W. LINE
- EXIST. SPOT EL.
- NEW SPOT EL.
- NEW DROP INLET
- EXIST. DROP INLET
- EXIST. CURB AND GUTTER
- SD — EXIST. STORM DRAIN
- SAS — EXIST. SANITARY SEWER
- EXIST. STORM DRAIN MANHOLE
- EXIST. SANITARY SEWER MANHOLE
- NEW STORM DRAIN M.H
- EXIST. CONTOUR
- NEW CONTOUR
- NEW BUILDING
- EMERGECY SPILLWAY
- (48.50) AS BUILT EL.

LEGAL DESCRIPTION

BLOCK 34, THE SOUTH 1/2 OF BLOCK 35, THE NORTH 1/2 OF BLOCK 42, AND A PORTION OF BLOCK 41, TOGETHER WITH THE VACATED ALLEY BLOCK 34, AND VACATED PORTION OF SEVENTH STREET.

BENCH MARK:

CITY OF ALBUQUERQUE DISK MARKED "I-K-14-ACS" LOCATED IN DOWNTOWN ALBUQUERQUE AT SIXTH STREET AND COPPER AVE. IN THE S.W. QUADRANT OF THE INTERSECTION, 12' SOUTH OF THE BACK OF CURB OF COPPER AVE. AND 10.5 WEST OF THE BACK OF CURB OF SIXTH STREET. EL. 4952.29

KEYED NOTES

1. CONSTRUCT TYPE SINGLE "C" DROP INLET PER CITY DRAWING K-4-2
2. CONSTRUCT TYPE SINGLE "D" DROP INLET PER CITY DRAWING K-6-2.
3. EXIST. 36" SQUARE TUNNEL TO BE REMOVED UNDER BUILDING FOUNDATION AND ENDS PLUGED.

The proposed grading plan has been approved for conceptual drainage on November 18, 1983. Several changes have been made on this plan with the consideration of maximum effort to handle the surface runoff on-site and consequentally reduce the potential flooding impact on adjacent Property.

1. Apartment Office/Clubhouse area has been graded to drain to Lead Ave.. This situation occurs due to overall drainage considertion.
2. All nuisance flow has been directed to drain to nearest outfall with maximum grade available.
3. Emergency spillways have been properly located in case of extreme rainfall. The The proposed developement will not increase the flooding potential of adjacent property.
4. Please refer to City of Albuquerque Engineering Plan and profile for proposed new construction on Lead Ave. and associated drop inlet relocation.
5. City of Albuquerque has been consulted for the abandon for existing 36 inch square tunnel.

CURVE DATA

①	②	③
R = 45.00'	R = 45.00'	R = 45.00'
Δ = 39° 01' 38"	Δ = 39° 01' 06"	Δ = 39° 01' 51"
L = 30.65'	L = 30.64'	L = 30.65'
T = 15.95'	T = 15.94'	T = 15.95'

ENGINEER'S CERTIFICATION:

THE CONSTRUCTION HAS SUBSTANTIALLY COMPLIED WITH THE APPROVED DRAINAGE PLAN NORTH OF LEAD BETWEEN 7 TH AND 8TH AND SOUTH OF LEAD BETWEEN 7TH AND 8TH.

NOTE:
CERTIFICATION NORTH OF LEAD BETWEEN 7TH & 8TH WAS ACCEPTED PER LETTER DATED 1-16-85.

VICTOR J. CHAVEZ — STATE OF NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER — 12/19/85

VICTOR J. CHAVEZ — STATE OF NEW MEXICO — REGISTERED ARCHITECT

PROJECT NO:
CONST. ISSUE:
DRAWN BY:

BIDDING:
REVISION:

CHAVEZ GRIEVES / CONSULTING ENGINEERS, INC. — ALBUQUERQUE, N.M. — PH. (505) 881-7544

DRAINAGE, GRADING PLAN
(AS BUILT PLAN)

STEINBERG/WALLACE & ASSOCIATES, INC. A.I.A. ■ (713) 266-2676 ■ 2728 CROSSVIEW ■ HOUSTON, TEXAS
ARCHITECTS

RECEIVED FEB 13 1985 HYDROLOGY SECTION

C-1

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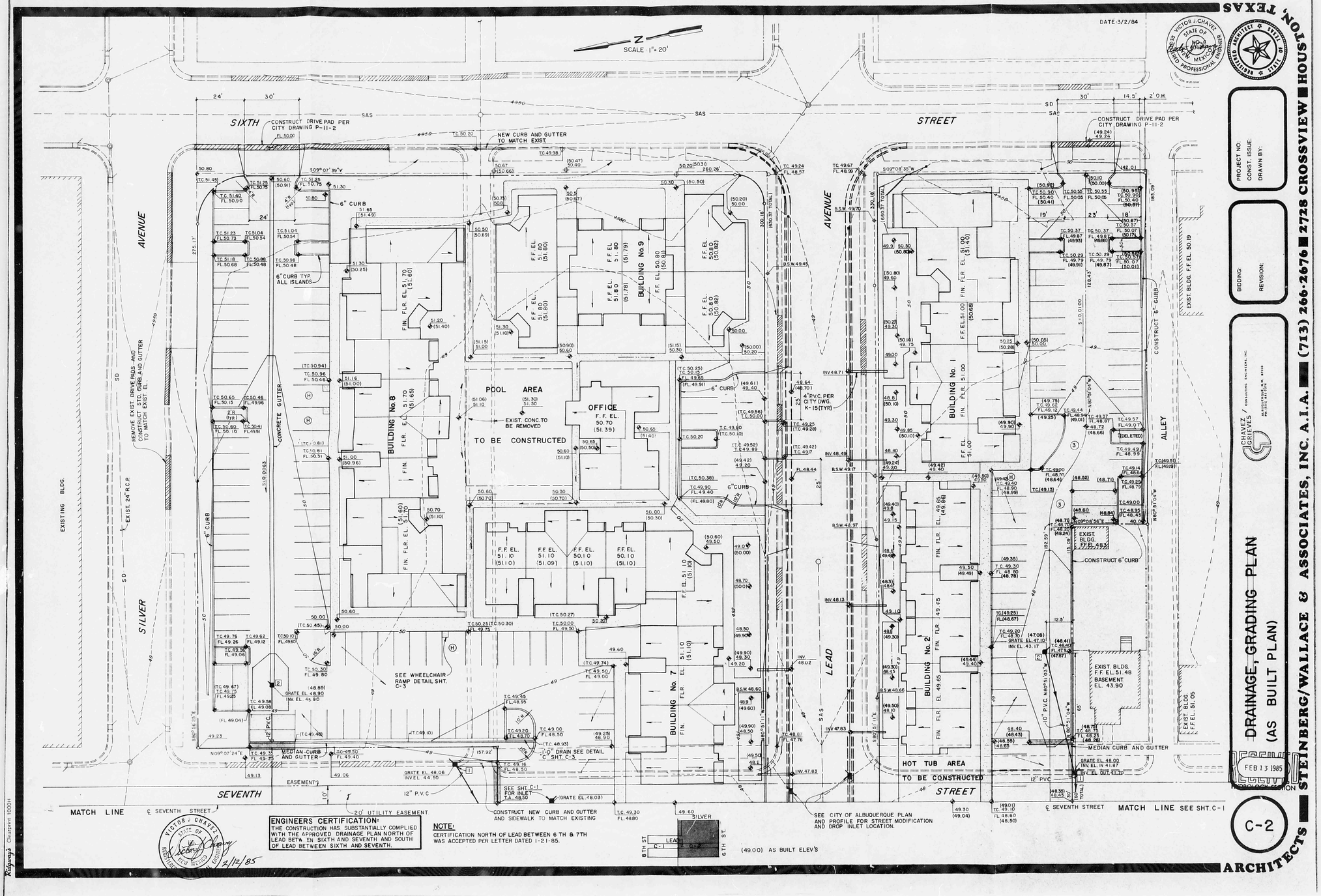

ENGINEERS CERTIFICATION:
THE CONSTRUCTION HAS SUBSTANTIALLY COMPLIED WITH THE APPROVED DRAINAGE PLAN NORTH OF LEAD BETW. EN SIXTH AND SEVENTH AND SOUTH OF LEAD BETWEEN SIXTH AND SEVENTH.

VICTOR J. CHAVEZ — STATE OF NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER
2/12/85

NOTE:
CERTIFICATION NORTH OF LEAD BETWEEN 6 TH & 7TH WAS ACCEPTED PER LETTER DATED 1-21-85.

VICTOR J. CHAVEZ — STATE OF NEW MEXICO — REGISTERED PROFESSIONAL ENGINEER

REGISTERED ARCHITECT — STATE OF TEXAS

PROJECT NO:
CONST. ISSUE:
DRAWN BY:

BIDDING:
REVISION:

CHAVEZ / CHAVEZ — CONSULTING ENGINEERS, INC.
PETROLEUM BLDG. 8200 PRESTON DRIVE DALLAS, TEXAS

DRAINAGE, GRADING PLAN
(AS BUILT PLAN)

RECEIVED
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PROJECT SECTION

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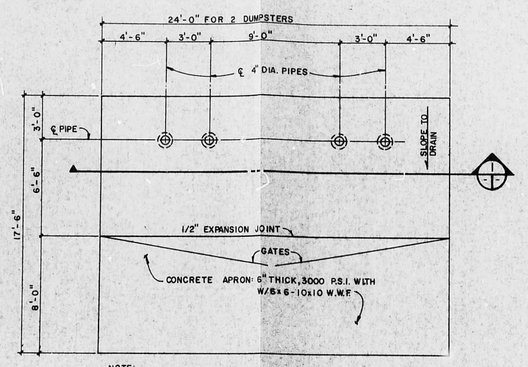
D 24 C 20 B 16 A 12

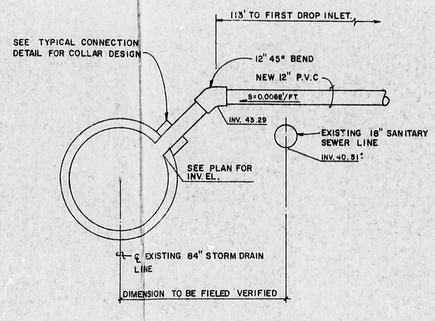
CITY OF ALBUQUERQUE

C D



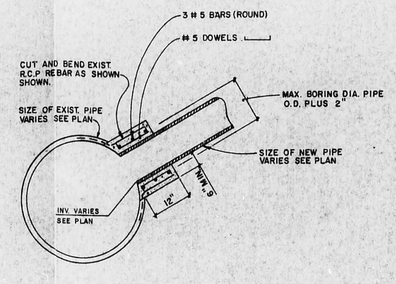
NOTE: ALL TRASH DUMPSTERS TO BE ON CASTERS

PLAN



DETAIL "A"

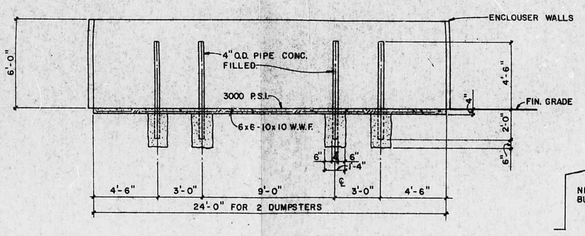
N.T.S.



TYP. CONNECTION DETAIL "B"

N.T.S.

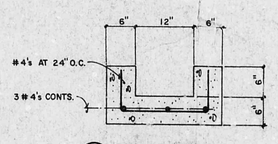
NOTE: PAVING REPLACED TO BE ARTERIAL PAVING.



SECTION "I"

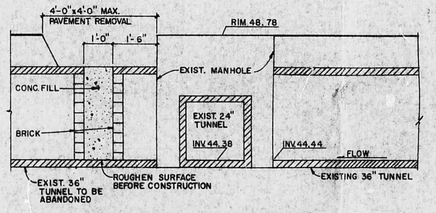
DUMPSTER PAD DETAILS

SCALE 1/2" = 1'-0"



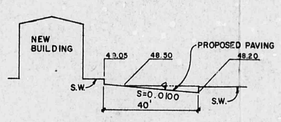
C/C-3 DRAIN DETAIL

N.T.S.

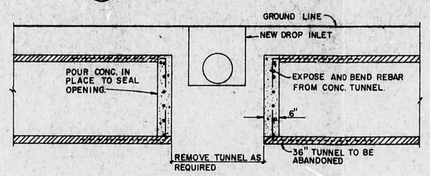


D/C-3 PLUGGING DETAIL AT MANHOLE

N.T.S

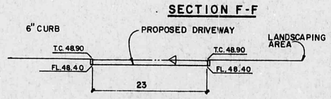


SECTION F-F

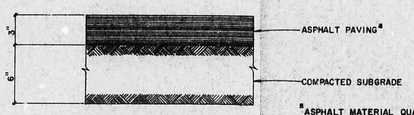


E/C-3 PLUGGING DETAIL AT NEW DROP INLET LOCATIONS

N.T.S.

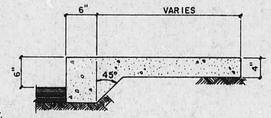


SECTION G-G



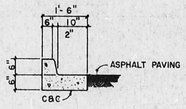
PAVING SECTION ALT.

*ASPHALT MATERIAL QUALITY AND CONSTR. REQUIREMENTS SHALL CONFORM TO SECTION 401 OF THE CURRENT N.M. STATE HIGHWAY DEPARTMENT STD. SPECIFICATION FOR ROAD & BRIDGE CONSTRUCTION. MINERAL AGGREGATE SHALL COMPLY WITH EITHER GRADE A OR B. MIN. MARSHALL STABILITY OF 1600 POUNDS.



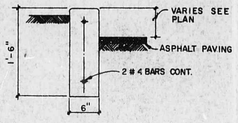
TYPICAL SIDEWALK

N.T.S.



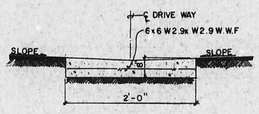
CURB AND GUTTER

N.T.S.



6" CURB

N.T.S



CONC. GUTTER

N.T.S.

SECRETARY REGISTERED VICTOR J. CHAVEZ STATE OF NEW MEXICO PROFESSIONAL ENGINEER

REGISTERED ARCHITECT STATE OF TEXAS

PROJECT NO:
CONST. ISSUE:
DRAWN BY:

BIDDING:
REVISION:

CHAVEZ GRIEVES / CONSULTING ENGINEERS, INC.
ALBUQUERQUE, N.M.
HOUSTON, TEXAS

MISC. DETAILS

C-3

STEINBERG/WALLACE & ASSOCIATES, INC. A.I.A. ■ (713) 266-2676 ■ 2728 CROSSVIEW ■ HOUSTON, TEXAS

ARCHITECTS

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