

E17-D27

JORGENSEN

OFFICE WAREHOUSE

2 PLANS



GRADING/LANDSCAPE PLAN

1"=20'-0"

ASPHALT CURB SHOWN ON CONSTRUCTION DOCUMENTS SHALL BE DELETED, AS FIELD CONDITIONS DO NOT REQUIRE SUCH A WATER BLOCK

GARY TILWAS
PROJECT DRAINAGE ENGINEER

1/9/09

2" BITUMINOUS HOT MIX
SURFACE COURSE
PRIME COAT
4" STABILIZED AGGREGATE
BASE COURSE
SUBSURFACE COMPACTED
TO 90% MAX. DENSITY

PAVING DETAIL

1"=1'-0"

SIGNAGE DETAIL

1"=1'-0"

BOX GUTTER

1"=1'-0"

type A

1"=1'-0"

type B

1"=1'-0"

EARTHWORK NOTES

- SPREAD FOOTINGS SHALL BEAR 2' OF STRUCTURAL FILL. THE OVER-EXCAVATION SHOULD EXTEND HORIZONTALLY FROM ALL BUILDING LINES A DISTANCE EQUAL TO THE DEPTH OF FILL TO BE PLACED. THE RESULTING EXCAVATED SURFACE SHOULD BE BROUGHT TO OPTIMUM MOISTURE CONTENT (±2%) FOR AS DEEP AS PRACTICAL, AND COMPACTED WITH A MINIMUM OF 10 PASSES USING A HEAVY VIBRATORY ROLLER TO A MINIMUM OF 95% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557.
- ALL MAN-MADE FILL TO BE REMOVED FROM SITE.
- INTERIOR FLOOR SLAB SHALL BE SUPPORTED ON COMPACTED NATURAL SOILS, OR STRUCTURALLY CONTROLLED FILL. DISTRIBUTED SOIL SHALL BE COMPACTED TO 90% OF MAXIMUM DENSITY, PER ASTM D-1557.
- ALL EARTH BACKFILL SHALL BE FREE OF TRASH AND CONSTRUCTION DEBRIS AND SHALL BE COMPACTED TO 90 PERCENT OF MAXIMUM DENSITY AT 2% OF OPTIMUM MOISTURE CONTENT IN ACCORDANCE WITH ASTM D1557.

- ON BOTH SIDES OF THE WALL, WHERE EARTH FILL IS REQUIRED ON ONE SIDE ONLY, THE FILL SHALL NOT BE PLACED UNTIL THE CONCRETE HAS REACHED ITS FULL WORKING STRENGTH.
- BEFORE COMPACTING, ANY FILL MATERIAL SHALL BE SPREAD IN 8" LIFTS. COMPACTION SHALL BE BY CRAWLER TYPE TRACTOR, SURFACE OF INTERNAL VIBRATORS, SMOOTH OR PNEUMATIC ROLLERS. THE THICKNESS OF HORIZONTAL LAYERS SHALL NOT EXCEED 6" AFTER COMPACTION.
- FOLLOWING THE ESTABLISHING OF CONTOURS PER GRADE PLAN, THE PAVING SUBGRADE SHALL BE SCARIFIED, WETTED, AND COMPACTED A MINIMUM OF 8" BELOW EXISTING GRADE. COMPACTION OF 95% SHALL BE REQUIRED.
- THE CONTRACTOR SHALL FURNISH EVIDENCE TO THE ARCH. THAT SUBGRADE AND CONTROLLED FILL COMPACTION IS AS SPECIFIED. THE ARCHITECT SHALL SPECIFY LOCATION AND NUMBER OF TESTS FOR EX. BLDG. CONTRACTOR SHALL PAY FOR ALL TESTS.

GENERAL NOTES

- THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS OF THE SITE PLAN, AND BUILDING LOCATIONS ON THE PROPERTY.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING SAFE & ADEQUATE SHORING FOR ALL PARTS OF THE STRUCTURE DURING CONSTRUCTION.
- ALL TRADES SHALL COORDINATE AND VERIFY ALL OPENINGS IN FLOORS, ROOF AND WALLS WITH THE GENERAL CONTRACTOR AND ARCHITECT.

LANDSCAPE SCHEDULE

QUANTITY	SIZE	MATERIAL
28	5 GAL	TAM JUNIPER
30	5 GAL	BOXWOOD
72	5 GAL	RALPHOLIPSIS
1	20 GAL	FORESTIENNA
8	15 GAL	FLOWERING PLUM
6	14" GAL	RUSSIAN OLIVE
4	14" GAL	HONEY LOCUST

NOTE: LANDSCAPE MAT'L SPEC. BY HILLTOP NURSERY J. DEFLON, A.S.L.A.

- LEGEND
- EXISTING CONTOUR
 - REVISED CONTOUR
 - SPOT ELEVATION
 - SPRINKLER HEAD
 - FLOW LINE (DIRECTION)



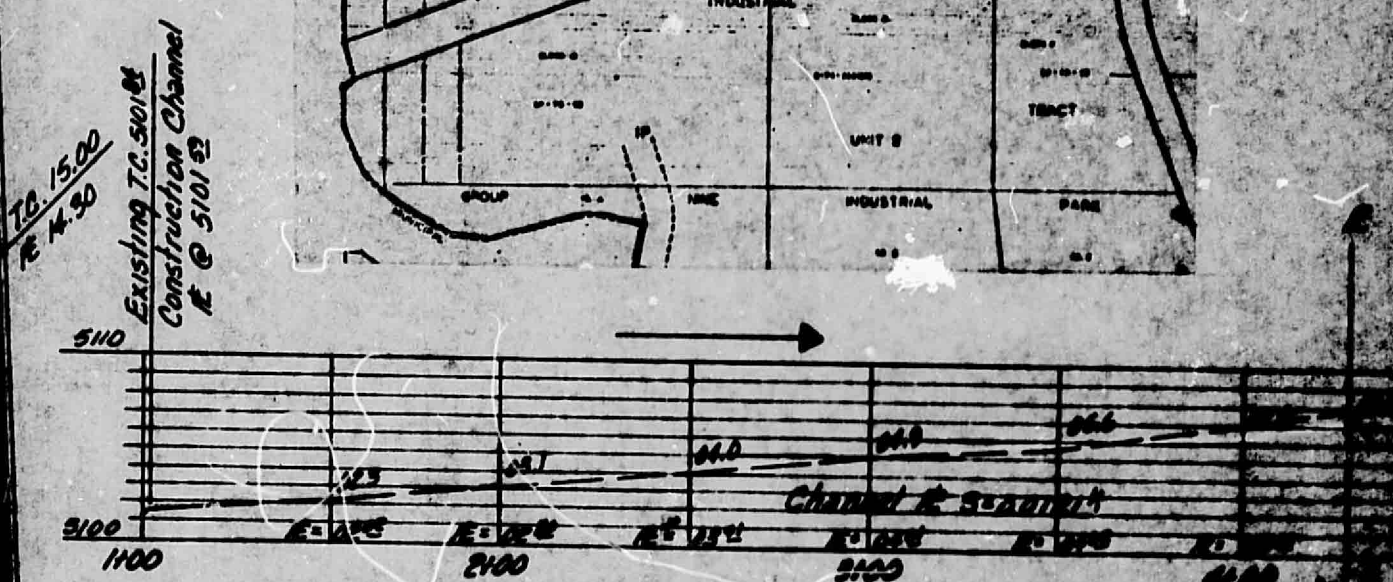
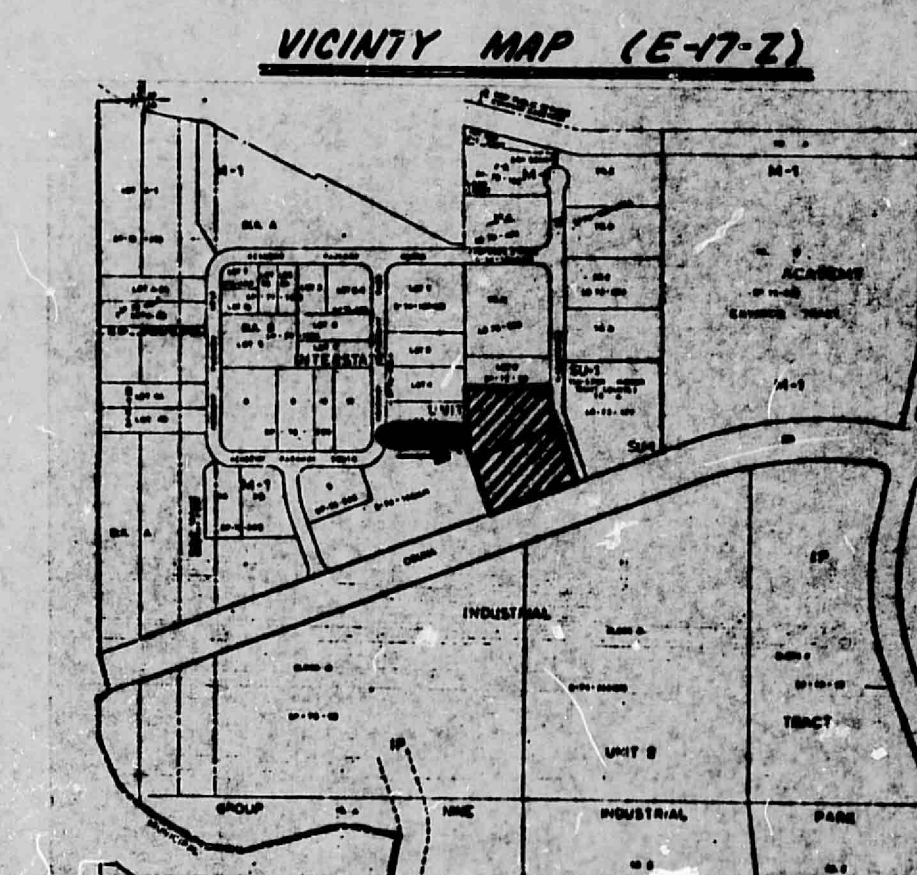
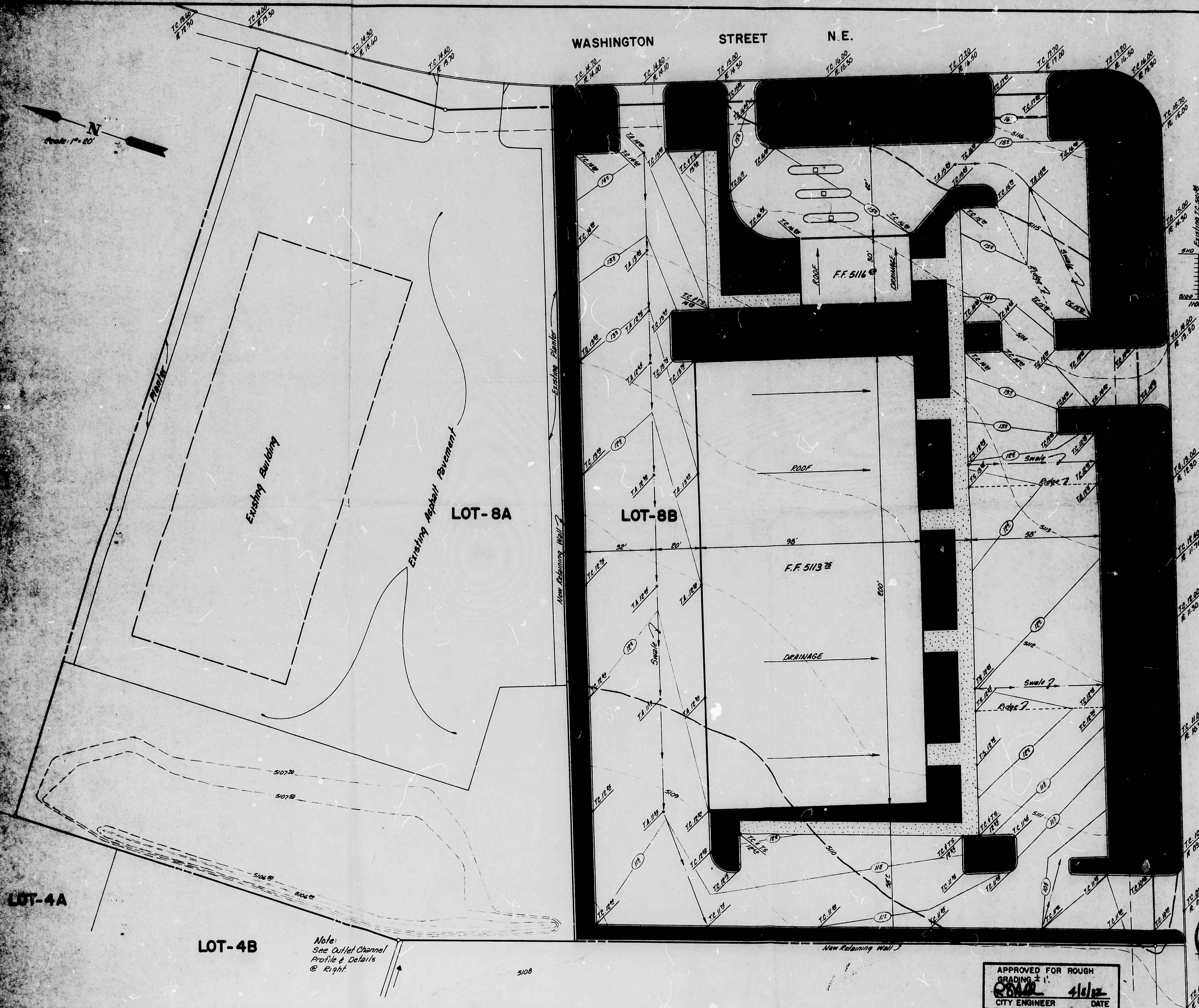
Drainage and Grading Plan Approved

LOT 48 (REPLATTED), BLOCK C, UNIT 1 OF THE INTERSTATE INDUSTRIAL TRACT.

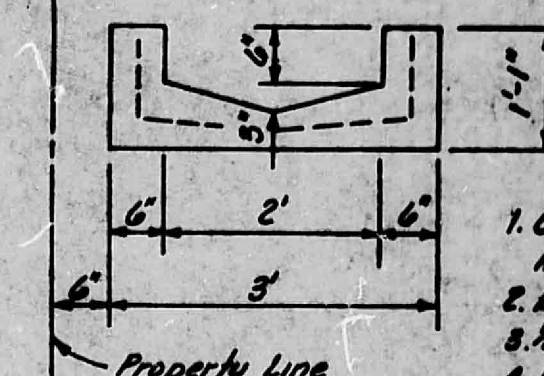
SITE SURVEY BY G. HERMANN & ASSOCIATES, INC.

6-7-08
7-20-08

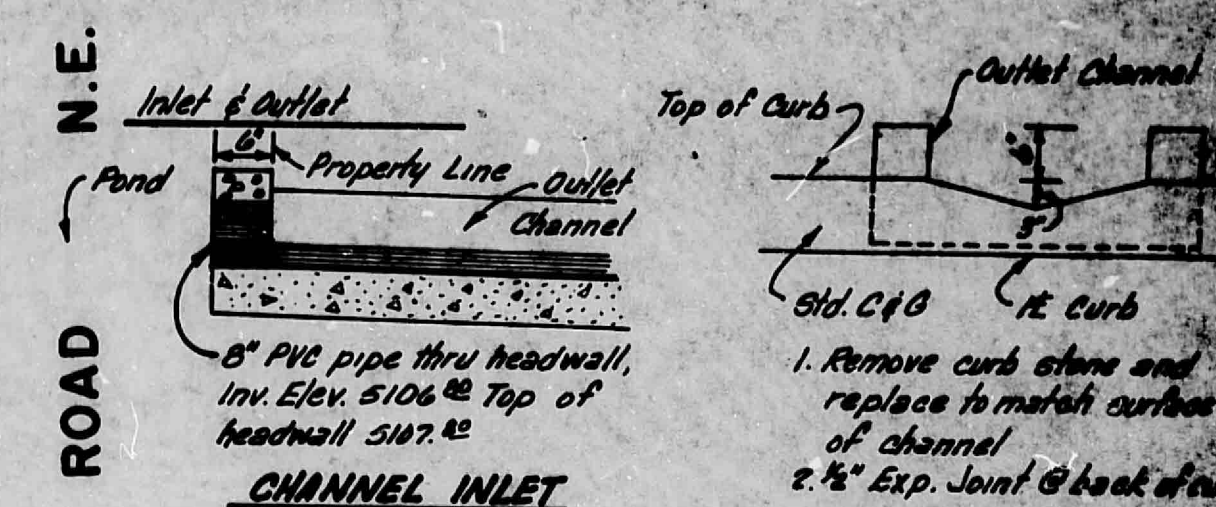




OUTLET CHANNEL
Typical Section



1. Compact subgrade to 95%
Mod. Proctor.
2. Dummy Groove Joint @ 10' max
3. 1/2" Exp Joint @ 40' max
4. 3000 p.s.i. Concrete.
5. 6 x 6 6/8" W. 10' max



CHANNEL INLET

CHANNEL OUTLET

Channel Hydraulics

$Q = 1.26 \text{ cfs}$
 $v = 3.23 \text{ fps}$
 $d = 0.32 \text{ ft}$

$n = 0.015, 4:1 \text{ side slope}$
 $S = 0.0121$

TOPOGRAPHY NOTES:

- 1) Existing Top of Curb elevations and existing contours on Lot-8B from topo map prepared by D.T. Morrison L.S.*1010 on Sept. 1980
- 2) Existing pond contours on Lot-8A and profile along south boundary of Lot-8B from field survey by Adam, Hamlym, Anderson; March 1982.

ADAM, HAMLYN, ANDERSON
PRINTED

JUL 27 1982



GRADING and DRAINAGE PLAN
FOR LOT-8A
BLOCK-C UNIT-1 INTERSTATE
INDUSTRIAL TRACTS

Adam, Hamlyn, Anderson
Consulting Engineers Inc.
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Albuquerque, New Mexico 87109