

# LEGEND:

- TOP OF CURB ELEVATION
- CURB FINISH LINE ELEVATION
- EXISTING OR PROPOSED CONCRETE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- EXISTING FENCE
- PROPOSED FENCE ELEVATION
- PROPOSED LIMITS OF NEW PAVING

## GENERAL NOTES:

- NO PERIMETER BOUNDARY CORNERS HAVE BEEN FIELD ESTABLISHED PER THIS SURVEY OF THE SUBJECT PROPERTY.
- NO SEARCH HAS BEEN MADE FOR EASEMENTS OF RECORD WITHIN THE SUBJECT SITE OTHER THAN THOSE SHOWN ON THE PLAT OF RECORD.
- REFER TO "ARCHITECTURAL SITE PLAN" FOR FIELD LAYOUT OF THE PROPOSED IMPROVEMENTS.
- TOPOGRAPHY SURVEY OBTAINED BY "TRANSIT-STADIA" METHOD.

## NOTICE TO CONTRACTOR:

- AN EXCAVATION/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.
- ALL WORK DETAILED ON THESE PLANS TO BE PERFORMED, EXCEPT AS OTHERWISE STATED OR PROVIDED HEREIN, SHALL BE CONSTRUCTED IN ACCORDANCE WITH "CONTRACT DOCUMENTS FOR CITY WIDE UTILITIES AND CASH PAVING NO. 31".
- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LIVE LOCATING SERVICE (765-1234), FOR LOCATION OF EXISTING OF SURFACE AND SUBSURFACE UTILITIES.
- 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 THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM AMOUNT OF DELAY FOR THE PROJECT.

**LEGAL DESCRIPTION:** TRACT "A-1" OF THE REPLAT OF TRACT "A", UNIT THREE (3), INTERSTATE INDUSTRIAL TRACT, ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO, (ZONE ATLAS MAP D-17-Z).

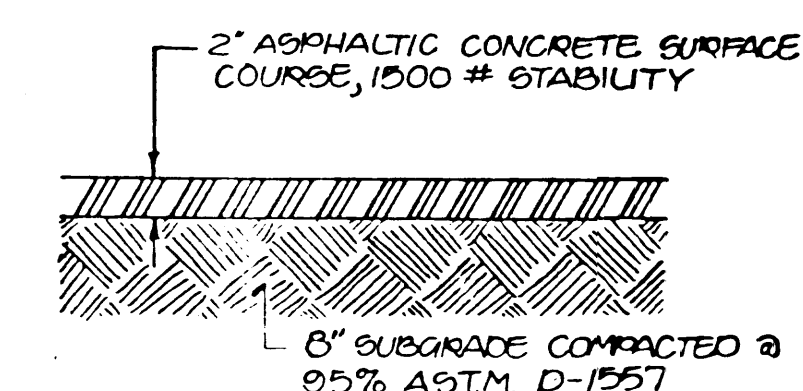
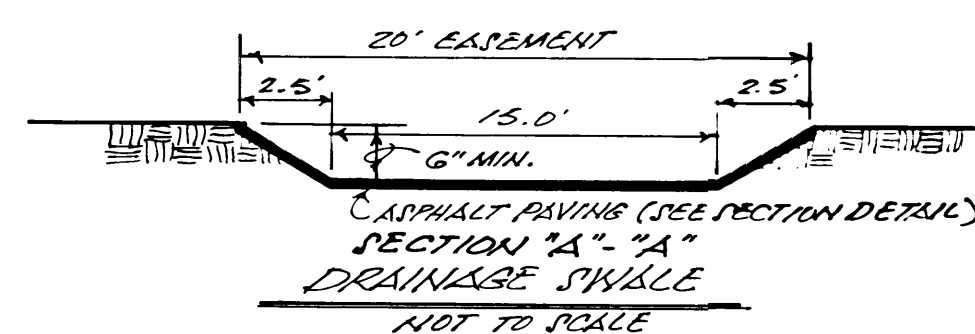
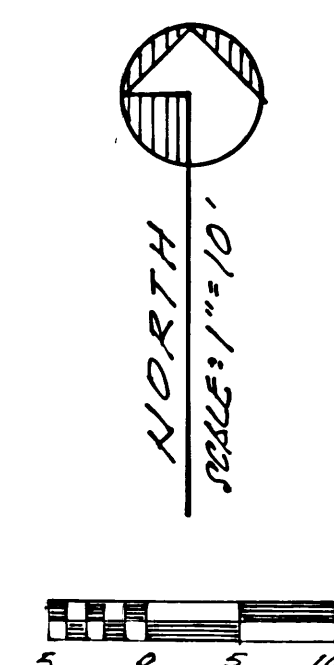
## VERBAL MAP REFERENCE:

THE ELEVATIONS SHOWN ON THE PLAN HEREON ARE REFERENCED TO THE MEAN SEA LEVEL. ELEVATIONS APPLICABLE TO THE "MUNOS MOTORS" FACILITIES ARE BASED ON THE "AS-BUILT" ELEVATIONS PREPARED BY CHRIS L. WEISS, P.E., (DATED: 3-7-84), ALBUQUERQUE, NEW MEXICO.

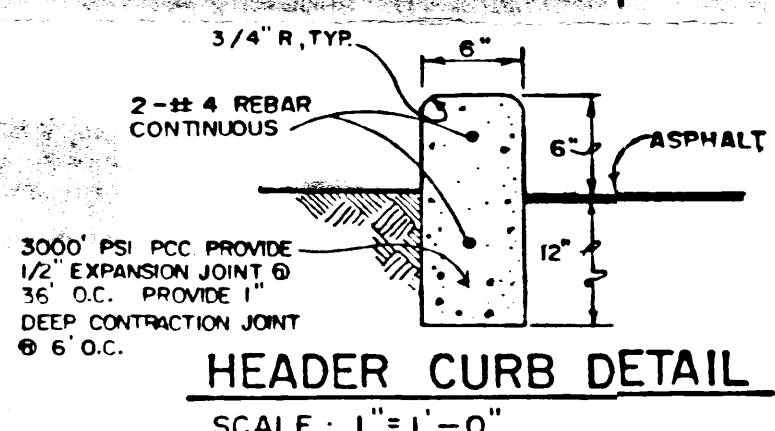
## EROSION CONTROL MEASURES:

THE CONTRACTOR SHALL BE HELD RESPONSIBLE FOR MANAGEMENT FOR STORM RUN OFF DURING CONSTRUCTION; HE SHALL INSURE THAT THE FOLLOWING MEASURES ARE TAKEN:

- ADJACENT PROPERTY SHALL BE PROTECTED AT ALL TIMES BY CONSTRUCTION OF BERMS, DIKES, SWALES, PONDS, AND OTHER TEMPORARY GRADING AS REQUIRED TO PREVENT STORM RUNOFF FROM LEAVING THE SITE AND ENTERING ADJACENT PROPERTIES.
- ADJACENT PUBLIC RIGHT-OF-WAYS SHALL BE PROTECTED AT ALL TIMES FROM STORM WATER RUNOFF FROM THE SITE. NO SEDIMENT BEARING WATER SHALL BE PERMITTED TO ENTER PUBLIC STREETS.
- THE CONTRACTOR SHALL IMMEDIATELY AND THOROUGHLY REMOVE ANY AND ALL SEDIMENT WITHIN PUBLIC STREETS THAT HAS BEEN ERODED FROM THE SITE AND DEPOSITED THERE.



**TYPICAL PAVEMENT SECTION**  
SCALE: 1" = 1'-0"



## OFFSITE DRAINAGE THRU SWALE:

AREA = 0.86 ACRE  
 $Q_{100} = (0.65) (4.73) (0.86) = 2.6$  CFS  
**SWALE CAPACITY:** (PER WEISS PLAN)  
 AVE. SLOPE = 0.8% ,  $n = 0.030$   
 AVE. DEPTH = 0.50'  
 CAPACITY = 22.0 CFS > 2.6 CFS

## PROPOSED NEW BUILDING AREA DEVELOPED SITE:

65.0' X 120.0' = 7,800.0 SQ. FT. = 0.18 ACRE  
 RATIONAL METHOD:  $Q_{100} = CIA$  "I" = 4.73 "A" = 0.18

## EXISTING CONDITIONS: (UNDEVELOPED AREA)

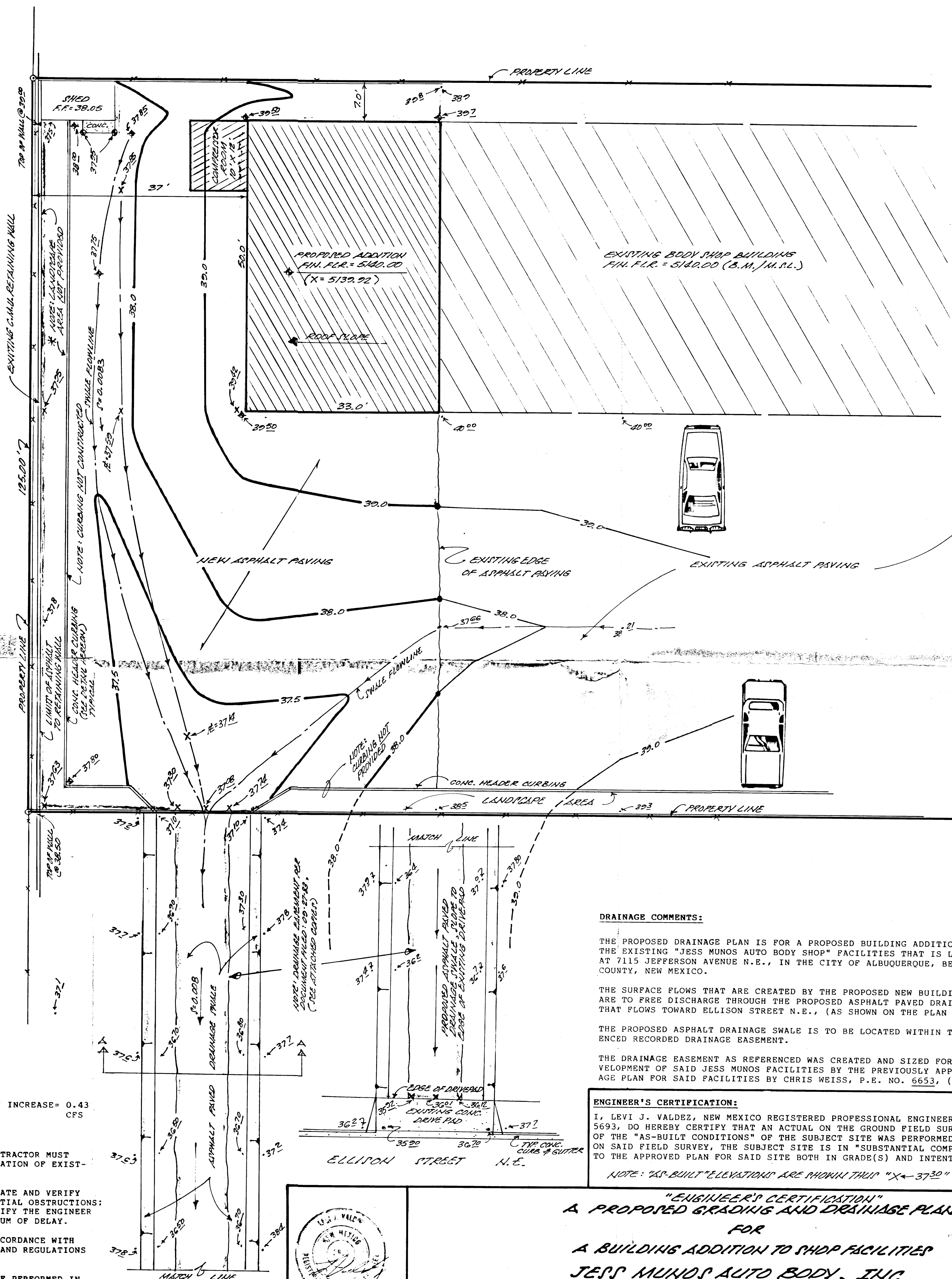
$Q_{100} = 0.40 \times 4.73 \times 0.19 = 0.34$  CFS

## PROPOSED DEVELOPED AREA:

$Q_{100} = 0.90 \times 4.73 \times 0.19 = 0.77$  CFS \*\* INCREASE = 0.43 CFS

## CONSTRUCTION NOTES:

- TWO (2) WORKING DAYS PRIOR TO ANY EXCAVATION, CONTRACTOR MUST CONTACT LIVE LOCATING SERVICE AT 260-1230 FOR LOCATION OF EXISTING UTILITIES.
- PRIOR TO CONSTRUCTION, THE CONTRACTOR SHALL EXCAVATE AND VERIFY THE HORIZONTAL AND VERTICAL LOCATION OF ALL POTENTIAL OBSTRUCTIONS; SHOULD A CONFLICT EXIST, THE CONTRACTOR SHALL NOTIFY THE ENGINEER SO THAT THE CONFLICT CAN BE RESOLVED WITH A MINIMUM OF DELAY.
- ALL WORK ON THIS PROJECT SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE FEDERAL, STATE, AND LOCAL LAWS, RULES AND REGULATIONS CONCERNING CONSTRUCTION SAFETY AND HEALTH.
- ALL CONSTRUCTION WITHIN CITY RIGHT-OF-WAY SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE CITY OF ALBUQUERQUE STANDARDS AND PROCEDURES.



## DRAINAGE COMMENTS:

THE PROPOSED DRAINAGE PLAN IS FOR A PROPOSED BUILDING ADDITION TO THE EXISTING "JESS MUNOS AUTO BODY SHOP" FACILITIES THAT IS LOCATED AT 7115 JEFFERSON AVENUE N.E., IN THE CITY OF ALBUQUERQUE, BERNALILLO COUNTY, NEW MEXICO.

THE SURFACE FLOWS THAT ARE CREATED BY THE PROPOSED NEW BUILDING ADDITION ARE TO FREE DISCHARGE THROUGH THE PROPOSED ASPHALT PAVED DRAINAGE SWALE THAT FLOWS TOWARD ELLISON STREET N.E., (AS SHOWN ON THE PLAN HEREON).

THE PROPOSED ASPHALT DRAINAGE SWALE IS TO BE LOCATED WITHIN THE REFERENCED RECORDED DRAINAGE EASEMENT.

THE DRAINAGE EASEMENT AS REFERENCED WAS CREATED AND SIZED FOR THE DEVELOPMENT OF SAID JESS MUNOS FACILITIES BY THE PREVIOUSLY APPROVED DRAINAGE PLAN FOR SAID FACILITIES BY CHRIS WEISS, P.E. NO. 6653, (DATED: 3-7-84).

## ENGINEER'S CERTIFICATION:

I, LEVI J. VALDEZ, NEW MEXICO REGISTERED PROFESSIONAL ENGINEER NO. 5693, DO HEREBY CERTIFY THAT AN ACTUAL ON THE GROUND FIELD SURVEY OF THE "AS-BUILT CONDITIONS" OF THE SUBJECT SITE WAS PERFORMED; BASED ON SAID FIELD SURVEY, THE SUBJECT SITE IS IN "SUBSTANTIAL COMPLIANCE" TO THE APPROVED PLAN FOR SAID SITE BOTH IN GRADE(S) AND INTENT.

NOTE: "AS-BUILT" ELEVATIONS ARE SHOWN THIN "X" ← 37.30"

**"ENGINEER'S CERTIFICATION"**  
**A PROPOSED GRADING AND DRAINAGE PLAN**  
**FOR**  
**A BUILDING ADDITION TO SHOP FACILITIES**  
**JESS MUNOS AUTO BODY, INC.**  
**(7115 JEFFERSON, N.E.)**  
**ALBUQUERQUE, NEW MEXICO**  
**JANUARY, 1994** (CERTIFICATION: JULY-1996)

JUL 25 1996

