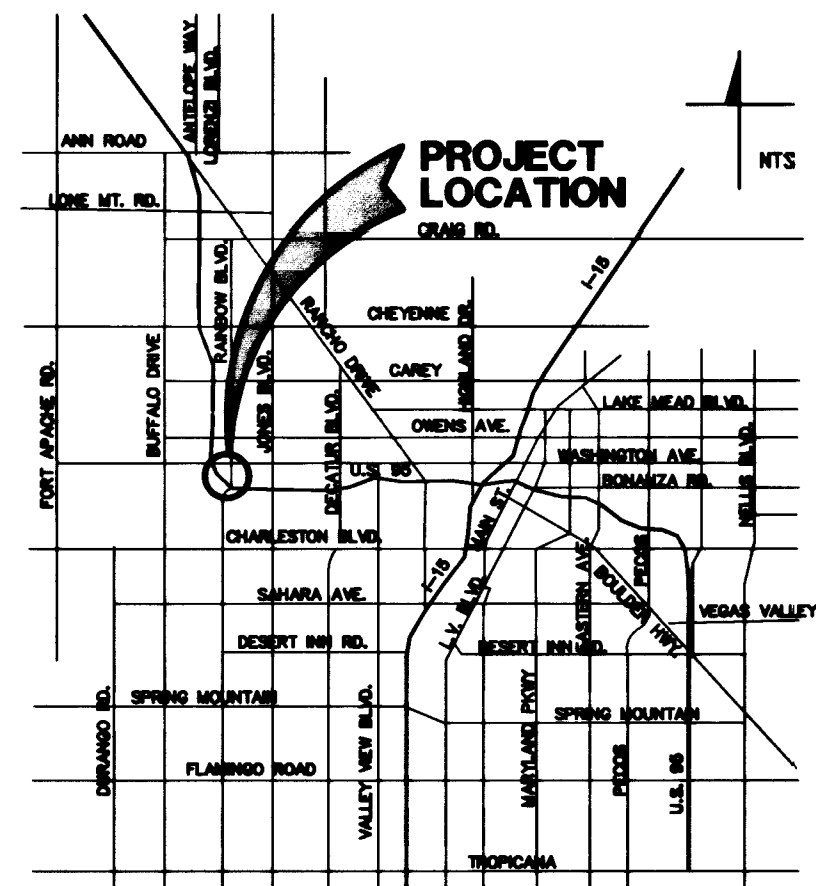
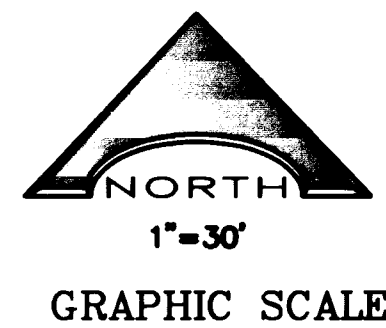


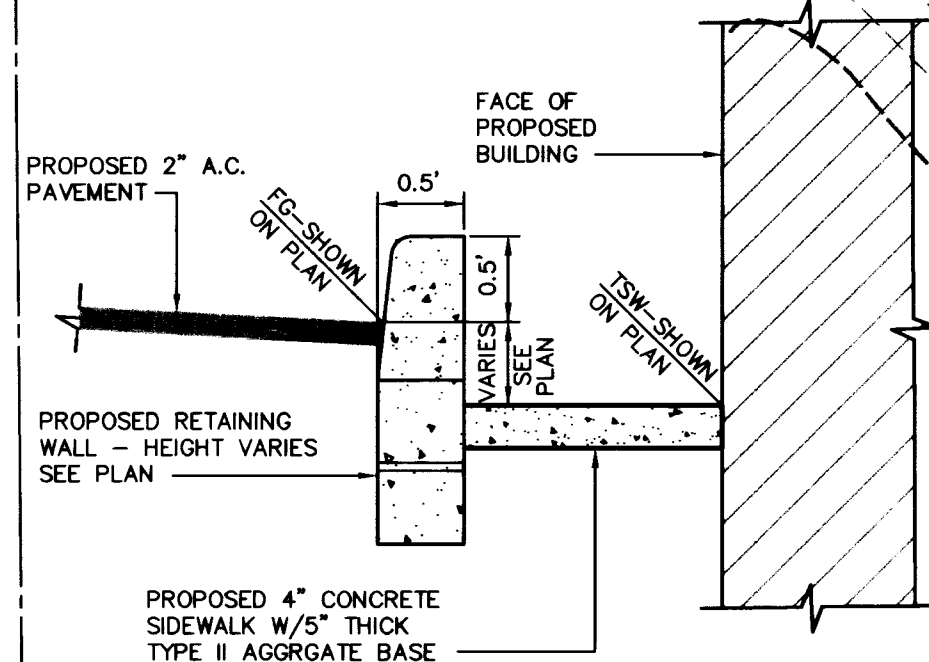
MATCH LINE SEE SHEET 2

ORAN K. GRAGSON EXPRESSWAY
U.S. HIGHWAY 95

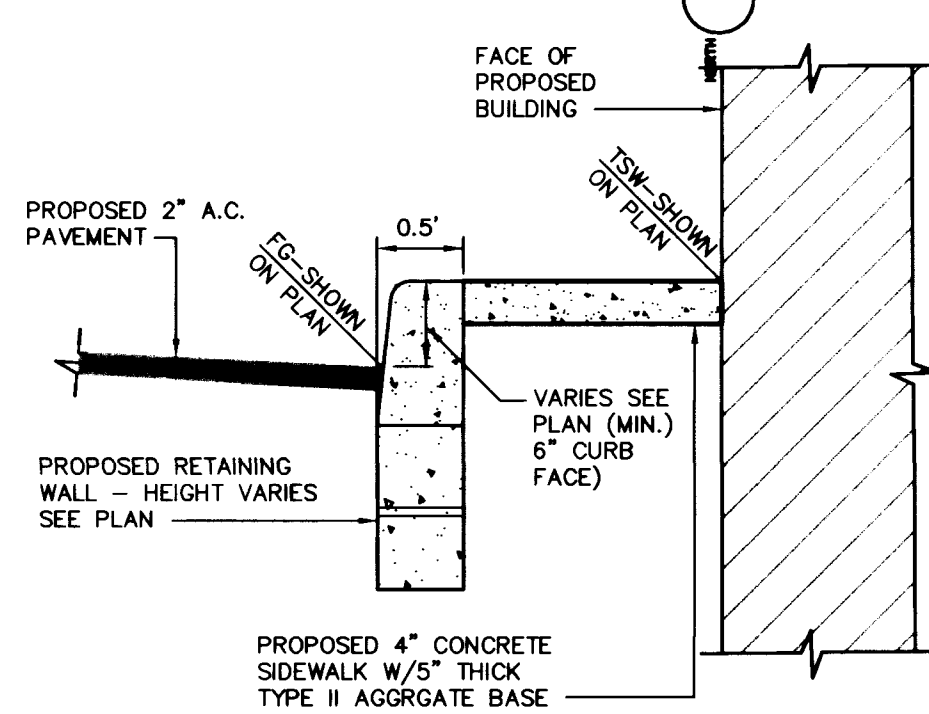
EXISTING COMMERCIAL CENTER
C.L.V. FILE No. 107-VI388



VICINITY MAP
NOT TO SCALE



SECTION
NOT TO SCALE



SECTION
NOT TO SCALE

NOTE:
ALL WORK PERFORMED WITHIN THE PUBLIC RIGHT-OF-WAY
AND OUTSIDE THE PROJECT BOUNDARY SHALL BE PERFORMED
UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE
CONTROLLING AUTHORITY.

ALL WORK PERFORMED OUTSIDE THE PROJECT BOUNDARY
AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED
UNTIL WRITTEN PERMISSION AND EASEMENT HAS BEEN
OBTAINED FROM THE PROPER OWNER.

GRADING NOTES

- ALL GRADES SHOWN HEREON ARE TO FINISH GRADE.
- THE QUANTITIES SHOWN HEREON ARE ESTIMATES ONLY AND ARE NOT TO BE USED FOR BIDDING PURPOSES.
- CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
- ALL CONSTRUCTION AND GRADING OPERATIONS ARE TO CONFORM TO THE RECOMMENDATIONS OF SOILS REPORT LISTED BELOW:

"CORPORATE CENTER"
WESTERN TECHNOLOGIES, INC.
PROJECT No. 4120K380 DATED OCT. 26, 1990

BASIS OF BEARING

SOUTH 89°36'27" EAST, BEING THE BEARING OF THE NORTH LINE OF THE
NORTHWEST QUARTER (NW 1/4) OF THE SOUTHEAST QUARTER (SE 1/4) OF
SECTION 27, TOWNSHIP 20 SOUTH, RANGE 60 EAST, N.D.O.T. AS SHOWN ON
A MAP ON FILE IN FILE 56, PAGE 96 OF SURVEY IN THE CLARK COUNTY,
NEVADA RECORDER'S OFFICE.

CONSTRUCTION NOTES

- CONSTRUCT TYPE "A" CURB PER DETAIL.
- CONSTRUCT TYPE "L" CURB AND GUTTER PER STD. DWG. No. 216 AND N.D.O.T. STANDARD DWG. #R-5.1.1(613) TYPE 5.
- CONSTRUCT 8" WIDE VALLEY GUTTER PER STD. DWG. No. 228.
- CONSTRUCT SIDEWALK RAMP PER STD. DWG. No. 235, CASE 1 AND N.D.O.T. STANDARD DWG. #R-5.1.2(613).
- CONSTRUCT 5" WIDE CONCRETE SIDEWALK PER STD. DWG. No. 234 AND N.D.O.T. STANDARD DWG. #R-5.1.1.1(613).
- CONSTRUCT 2" A.C. PAVEMENT OVER 4" TYPE II GRAVEL BASE.
- CONSTRUCT MEDIAN ISLAND PER STD. DWG. No. 218 AND OR No. 221 (MATCH EX).
- CONSTRUCT SWALE AND BUS TURNOUT PER STD. DWG. No. 234.1.

BENCHMARK

1LV00-26W4
ELEVATION = 724.7549 METERS (NAVOD88)
2377.80'

RIVET AND PLATE IN TOP OF CURB, NORTHEAST RETURN OF RAINBOW
BOULEVARD AND WASHINGTON AVENUE.

LEGEND AND ABBREVIATIONS

LP	LOW POINT	XXXX	EXISTING CONTOUR
AC	ASPHALT CONCRETE	XXXX	PROPOSED CONTOUR
TC	TOP OF CURB	XXXX	BLOCK WALL
FG	FINISH GRADE	XXXX	DIRECTION OF FLOW/AC SWALE
FL	FLOW LINE	XXXX	BASEMENT FLOOR ELEVATION
EP	EDGE OF PAVEMENT	XXXX	FINISH FLOOR ELEVATION
GB	GRADE BREAK	XXXX	SCARP
FF	FINISH FLOOR	XXXX	CONSTRUCTION NOTE
SW	SIDEWALK	XXXX	SAWCUT LINE
XXXX	PROPOSED ELEVATION	XXXX	
XXXX	EXISTING ELEVATION	XXXX	
TF	TOP OF FOOTING	XXXX	
TRW	TOP OF RETAINING WALL	XXXX	

ENGINEER'S CERTIFICATE
I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH
THE APPROVED DRAINAGE STUDY ON FILE AT THE CITY OF LAS VEGAS.

KENT E. ANDERSON, NEVADA P.E. No. 6012
DATE 8-20-98

L. R. NELSON CONSULTING ENGINEERS, INC.

3035 East Patrick Lane Suite 9
Las Vegas, Nevada 89120
(702) 798-7978
(702) 451-2296 FAX

GRADING PLAN
SOUTH HALF
RAINBOW
CORPORATE CENTER
BORMAN DEVELOPMENT

CITY OF LAS VEGAS

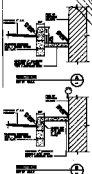
SHEET NUMBER

3

OF 12 SHEETS
693-003-962

107-V2837

GRANVILLE EXPRESSWAY
U.S. HIGHWAY 60



- NOTES**
1. ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE SPECIFICATIONS FOR THE GRANVILLE EXPRESSWAY PROJECT.
 2. THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS FROM THE APPROPRIATE AGENCIES.
 3. THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL ADJACENT PROPERTIES AND UTILITIES AT ALL TIMES.
 4. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL EXISTING UTILITIES AND STRUCTURES.
 5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE SYSTEMS THROUGHOUT THE PROJECT.

- CONSTRUCTION NOTES**
1. EXISTING ROAD BED SHALL BE REPAIRED AND STRENGTHENED TO SUPPORT THE NEW PAVEMENT.
 2. THE SUBGRADE SHALL BE PREPARED TO ACCEPT THE PAVEMENT LAYERS.
 3. THE PAVEMENT SHALL BE LAYED IN LAYERS OF 4 INCHES EACH, WITH A TOTAL THICKNESS OF 16 INCHES.
 4. THE BASE SHALL BE LAYED IN LAYERS OF 4 INCHES EACH, WITH A TOTAL THICKNESS OF 8 INCHES.
 5. THE ROAD BED SHALL BE REPAIRED AND STRENGTHENED TO SUPPORT THE NEW PAVEMENT.

- LEGEND**
- 1. EXISTING ROAD BED
 - 2. EXISTING SUBGRADE
 - 3. EXISTING PAVEMENT
 - 4. EXISTING BASE
 - 5. EXISTING ROAD BED
 - 6. EXISTING SUBGRADE
 - 7. EXISTING PAVEMENT
 - 8. EXISTING BASE
 - 9. EXISTING ROAD BED
 - 10. EXISTING SUBGRADE
 - 11. EXISTING PAVEMENT
 - 12. EXISTING BASE

LEGEND AND ABBREVIATIONS

EXISTING ROAD BED	EXISTING SUBGRADE
EXISTING PAVEMENT	EXISTING BASE
EXISTING ROAD BED	EXISTING SUBGRADE
EXISTING PAVEMENT	EXISTING BASE
EXISTING ROAD BED	EXISTING SUBGRADE
EXISTING PAVEMENT	EXISTING BASE
EXISTING ROAD BED	EXISTING SUBGRADE
EXISTING PAVEMENT	EXISTING BASE
EXISTING ROAD BED	EXISTING SUBGRADE
EXISTING PAVEMENT	EXISTING BASE

GRANVILLE EXPRESSWAY PROJECT

CONSTRUCTION CENTER

CONTRACT NO. 100-1000

DATE: 10/10/00

BY: [Signature]

FOR: [Signature]

SCALE: 1" = 40'

PROJECT NO. 100-1000

DATE: 10/10/00

BY: [Signature]

FOR: [Signature]