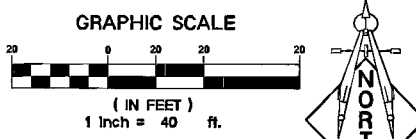
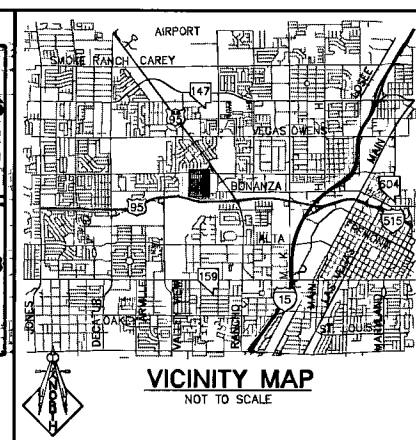
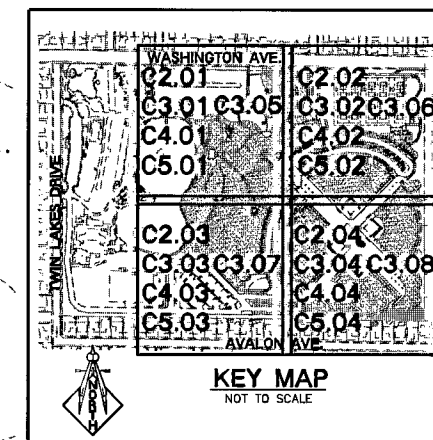
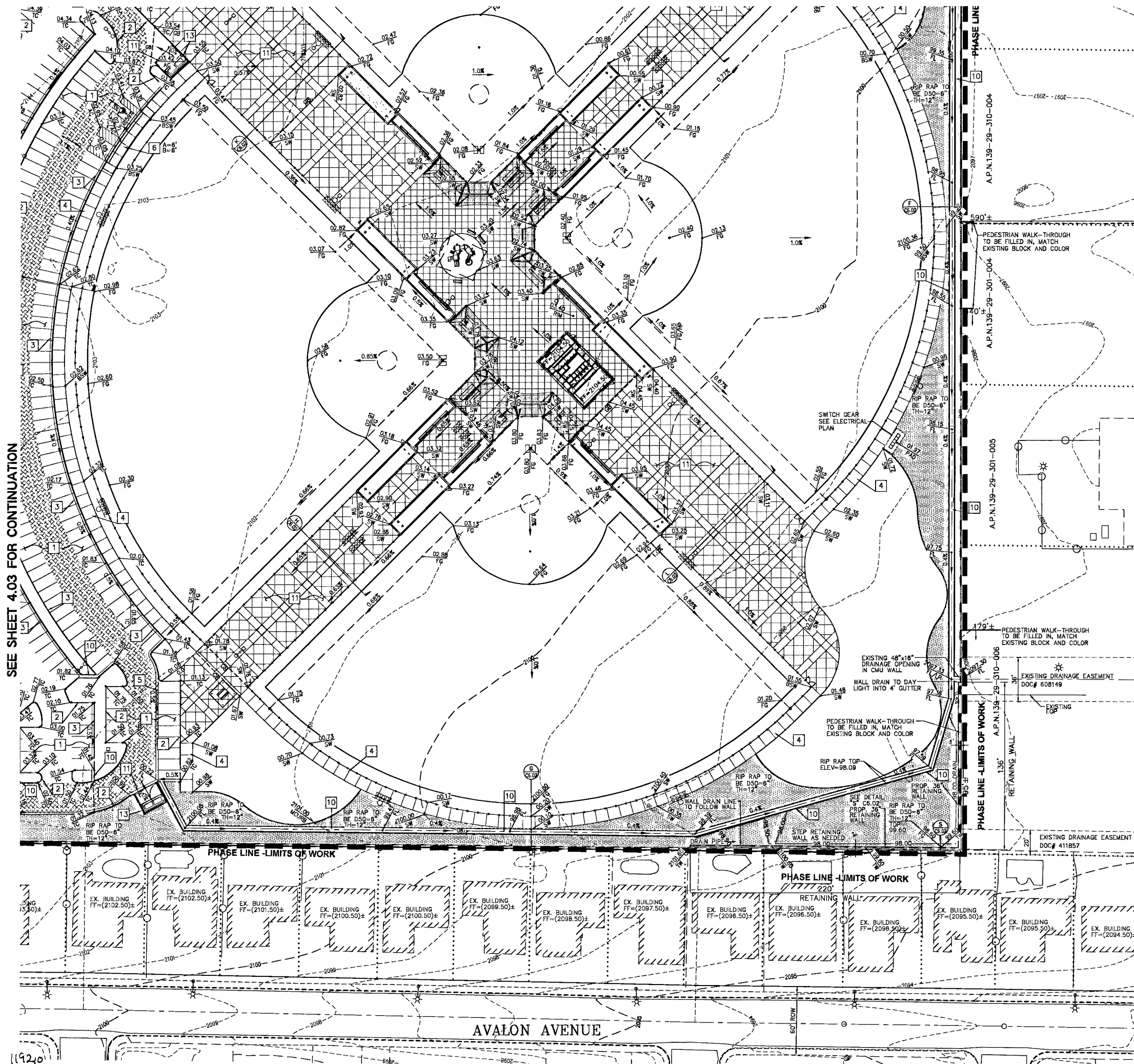


SEE SHEET C4.02 FOR CONTINUATION

SEE SHEET 4.03 FOR CONTINUATION



LIGHTING AT TURF AREAS TO HAVE CONCRETE COLLAR SEE DETAILS SHEET L4.01

SEE LANDSCAPE PLANS FOR ADA SIGNAGE

FLOOD NOTE:
THE SUBJECT SITE IS COVERED BY A FLOOD INSURANCE RATE MAP (FIRM) FOR THE CLARK COUNTY, NEVADA, AND INCORPORATED AREAS, COMMUNITY PANEL NUMBERS 32003C 2170 E, EFFECTIVE DATE: SEPTEMBER 27, 2002, AND 32003C 2185 E, NOT PRINTED. REVIEW OF THE FIRMS INDICATES THAT THE SITE IS LOCATED ENTIRELY WITHIN A FEDERAL EMERGENCY MANAGEMENT AREA (FEMA) DESIGNATED ZONE "X" (UNSHADED). ZONE "X" (UNSHADED) IS DEFINED BY FEMA AS: "AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN".

RECORD DRAWINGS NOT FOR CONSTRUCTION

1. TO ALTER THESE DOCUMENTS FOR ANOTHER PROJECT BY ANYONE OTHER THAN THE ORIGINAL ARCHITECT IS A VIOLATION OF NRS 623.
2. THIS RECORD DRAWING HAS BEEN PREPARED IN PART, BASED UPON INFORMATION FURNISHED BY THE GENERAL CONTRACTOR, WHILE THIS INFORMATION IS BELIEVED TO BE RELIABLE, THE DESIGN PROFESSIONAL CANNOT ASSURE ITS ACCURACY, AND THIS IS NOT RESPONSIBLE FOR THE ACCURACY OF THIS RECORD DRAWING OR FOR ANY ERRORS OR OMISSIONS WHICH MAY HAVE BEEN INCORPORATED INTO IT AS A RESULT. THE DESIGN PROFESSIONAL CANNOT AND DOES NOT WARRANT THEIR ACCURACY.
3. INFORMATION THAT MAY BE INCLUDED WOULD BE SIGNIFICANT CHANGES TO PLANTING OR IRRIGATION LAYOUT PLANS AND ASSOCIATED DRAWINGS, MINOR DIMENSION OR CONSTRUCTION DETAIL CHANGES MAY NOT BE INCLUDED.

- CONSTRUCTION NOTES:**
- ALL CONSTRUCTION TO BE DONE IN ACCORDANCE WITH "CLARK COUNTY AREA UNIFORM STANDARD DRAWINGS (C.C.A.U.S.D.)" LATEST EDITION AND/OR REGULATING ENTITY HAVING JURISDICTION.
 - NOT ALL NOTES USED ON THIS SHEET -
1. CONSTRUCT AC PAVEMENT PER DETAIL #9 C6.01
 2. CONSTRUCT "A" TYPE CURB PER C.C.A.U.S.D. No. 219
 3. CONSTRUCT "L" TYPE CURB PER C.C.A.U.S.D. No. 216
 4. CONSTRUCT CONCRETE SIDEWALK PER C.C.A.U.S.D. No. 234
 5. CONSTRUCT 2" CONCRETE VALLEY GUTTER PER DETAIL #8 C6.01
 6. CONSTRUCT CASE 1 SIDEWALK RAMP PER C.C.A.U.S.D. No. 235
 7. CONSTRUCT 8" WIDE CROSS GUTTER PER C.C.A.U.S.D. No. 228
 8. CONSTRUCT COMMERCIAL DRIVEWAY PER C.C.A.U.S.D. No. 225
 9. CONSTRUCT SIDEWALK UNDER DRAIN PER C.C.A.U.S.D. No. 236
 10. CONSTRUCT "U" CHANNEL PER DETAIL #5 C6.01
 11. CONSTRUCT CONCRETE PAVEMENT PER DETAIL #4 C6.01
 12. CONSTRUCT ADA RAMP PER DETAIL #6 USD 235.
 13. TRASH ENCLOSURE PER ARCHITECTURAL PLANS.

- GRADING NOTES:**
1. SLOPES 4:1 OR STEEPER AND FINE-GRAINED MATERIALS THAT HAVE BEEN DISTURBED (SANDY AND SILTY MATERIALS) SHOULD BE PROTECTED WITH BURLAP OR OTHER EROSION CONTROL FABRIC/MATERIAL, UNLESS OTHERWISE SPECIFIED BY LANDSCAPE DRAWINGS AND SPECIFICATIONS OR THE SOILS REPORT.
 2. CONTRACTOR SHALL DETERMINE HIS OWN FOOTING EXCAVATION QUANTITIES, EVEN THOUGH SHOWN ON ROUGH GRADING PLANS. ADDITIONALLY, STRUCTURE BACKFILL COSTS SHOULD BE INCLUDED IN THE COST OF THE STRUCTURE, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
 3. CONTRACTOR SHALL NOTIFY LOCHSA ENGINEERING WITHIN 24 HOURS OF OMISSIONS AND ERRORS DISCOVERED ON PLANS. LOCHSA ENGINEERING WILL NOT BE RESPONSIBLE FOR ANY "CORRECTIVE" WORK DONE BY OTHERS.
 4. CONTRACTOR TO ENSURE POSITIVE DRAINAGE, NO PONDING ALLOWED. CONTRACTOR TO FOLLOW DRAWINGS AND SPECIFICATIONS, INCLUDING BUT NOT LIMITED TO EXCAVATION, GRADING AND COMPACTION.
 5. USE 1.5% CROSS AND TRANSVERSE SLOPES ON ALL WALKWAYS DUE TO CONSTRUCTION TOLERANCES, 2% IS THE MAXIMUM SLOPE ALLOWED.

NOTE:
LOCHSA ENGINEERING ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING ARE FROM THE BEST AVAILABLE INFORMATION. IT IS THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES, INCLUDING BUT NOT LIMITED TO THE WATER, FIRE, SANITARY SEWER, STORM SEWER, TELEPHONE, POWER, GAS, AND IRRIGATION LINES PRIOR TO THE COMMENCEMENT OF CONSTRUCTION. IF CONFLICT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE PROJECT ARCHITECT, OWNER'S REPRESENTATIVE, AND THE PROJECT ENGINEER IMMEDIATELY.

A.P.N.:
139-29-301-003 contains 59.93Ac.

BASIS OF BEARINGS:
THE BASIS OF BEARINGS FOR THIS SURVEY IS THE NORTH LINE OF THE NE 1/4, SECTION 2, T21 S, R60 E, M.D.M. AS SHOWN IN FILE 67, PAGE 37 OF RECORDED PARCEL MAPS, CLARK COUNTY, NEVADA, RECORDS.

BENCHMARK:
2101 2904 BEING A RIVET & PLATE IN TOP OF CURB, SOUTHEAST CORNER OF WASHINGTON AND TWIN LAKES DRIVE. ELEVATION= 2127.56 MVD 08. METERS = 648.4803

GRADING PLAN CERTIFICATION

NAME: _____ PE # _____ DATE: _____

CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH APPROVED DRAINAGE STUDY FOR THIS SITE ON FILE AT CITY OF LAS VEGAS FOR THIS PROJECT. (DS4156)

SAFETY ALERT

Call before you Dig

Call before you Dig

Call before you Dig

1-702-227-2929 1-702-455-7511 1-800-227-2600

LOCHSA ENGINEERING
6345 S. JONES BLVD., SUITE 100
LAS VEGAS, NV 89118
PHONE: (702) 365-9312, FAX: (702) 365-9317

Lorenzi Park Renovations
Phase 1
GRADING PLAN
SHEET 4

OWNER: CITY OF LAS VEGAS
DEPARTMENT OF PUBLIC WORKS
ARCHITECTURAL SERVICES

400 EAST STEWART AVENUE
VEGAS, NEVADA 89101
PHONE: (702) 226-5533
FAX: (702) 368-9108
TDD: (702) 366-9108

DATE: JULY 2002
SCALE: 1"=40'
REV NO: 01.15.14.01
CLV DRC NO: 65013-47

C4.04