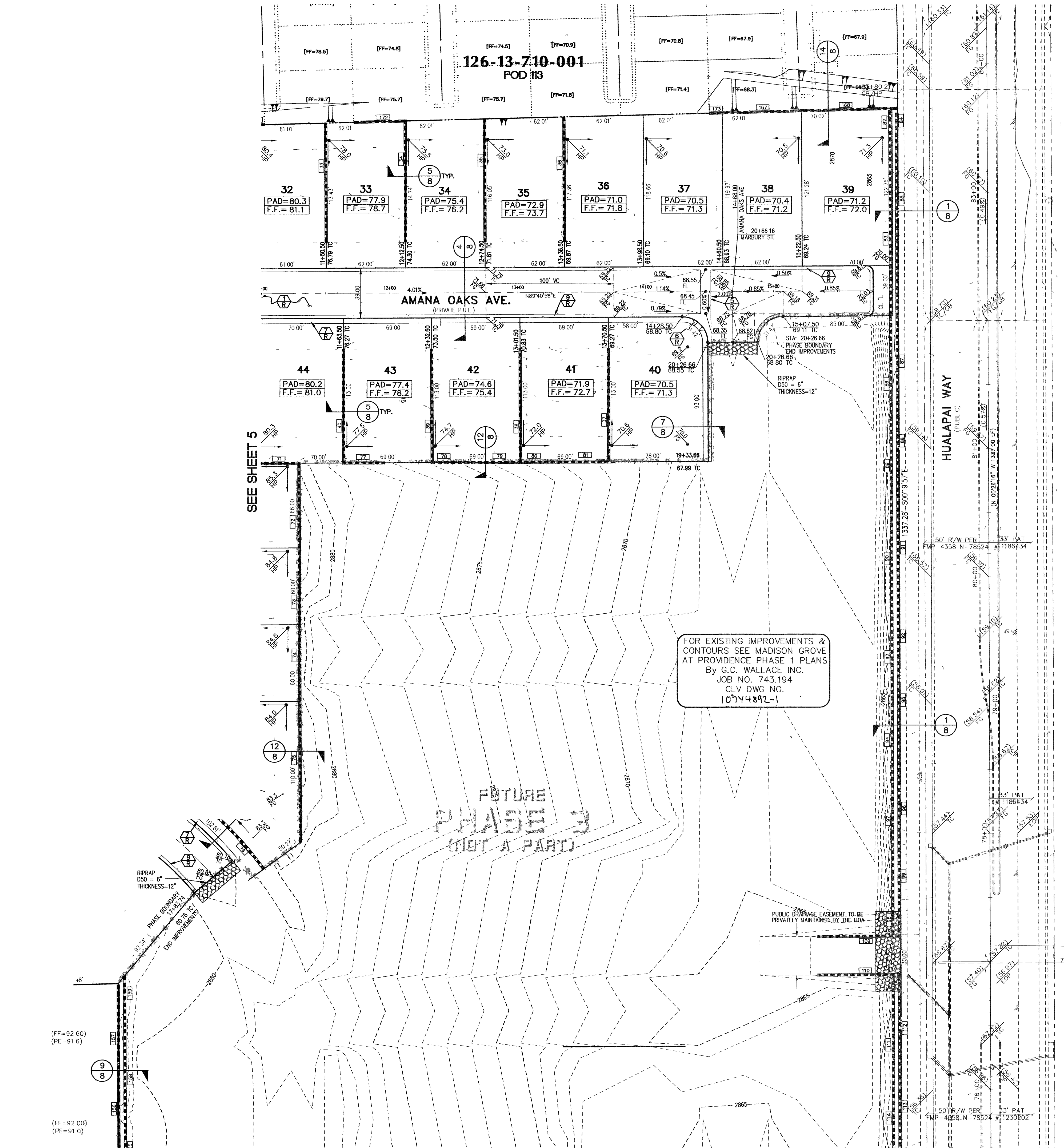
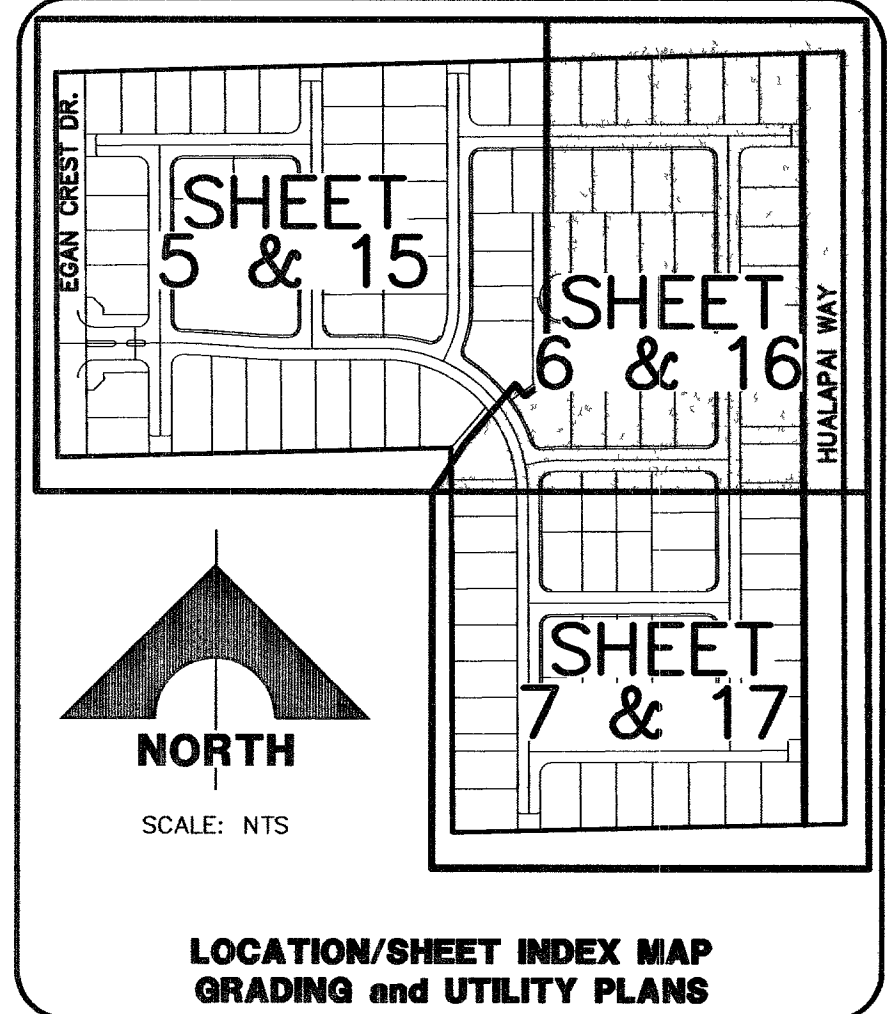




PINNACLE - CAPRIANA
125-18-301-013

- NOTE**
1. ALL PRIVATE STREETS ARE P.U.E., PUBLIC SEWER EASEMENTS, AND PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOMEOWNERS ASSOCIATION.
 2. ALL PUBLIC DRAINAGE EASEMENTS TO BE PRIVATELY MAINTAINED BY THE HOMEOWNERS ASSOCIATION.
 3. SEE THE UTILITY PLANS (SHEETS 15, 16, & 17) FOR WATER LINE DESIGN AND CONSTRUCTION INFORMATION.
 4. FOR CONSTRUCTION NOTES SEE SHEET 2.
 5. FOR THE RETAINING WALL TABLE SEE SHEET 10.



ESTIMATED STORM DRAIN QUANTITIES

QUANTITIES ARE ESTIMATES ONLY. CONTRACTOR IS TO VERIFY DURING BIDDING PROCESS.

RIPRAP (D50 6", 1' THICK) 29 CY

ENGINEER'S EVALUATION OF GRADING QUANTITIES

PLEASE NOTE THESE QUANTITIES ARE ESTIMATES ONLY. ACTUAL QUANTITIES MAY DIFFER FROM THE ESTIMATE DUE TO SOILS VARIATIONS IN THE FIELD. VOLUMES CALCULATED WITHOUT SHRINKAGE OR SUBSIDENCE FACTORS AND DO NOT INCLUDE OVEREXCAVATION REQUIRED FOR THE REMOVAL OF CALICHE OR ANY OTHER UNDESIRABLE MATERIALS. REFER TO THE SOILS REPORT FOR THESE AREAS. ALSO NOT INCLUDED ARE QUANTITIES FOR ADDITIONAL DITCHES & BERMS NOT SHOWN THAT MAY BE REQUIRED BY THE ENGINEER.

COMPUTED CUT VOLUME: 0 cys
COMPUTED FILL VOLUME: 0 cys
IMPORT: 0 cys

DRAINAGE CERTIFICATION

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS, FOR THIS PROJECT. DS3684E

Keith J. Hatton, PE No. 15502 1-10-06 DATE

BENCHMARK

BM #	DESC.	NAVD 88 DATUM	NAVD 88 DATUM
CLV BM No. 8LV99 13E4	RIVET AND PLATE IN CONCRETE CYLINDER AT THE NORTHWEST CORNER OF HUALAPAI WAY AND FARM ROAD	2860.79 (FEET)	871.971 (METERS)

BASIS OF BEARINGS

SOUTH 00°19'04" EAST BEING THE BEARING OF THE EAST LINE OF THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 13, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA.

LEGAL DESCRIPTION:

LOT 114 OF BLOCK 7 AS SHOWN BY MAP OF "CLIFFS EDGE PARENT" ON FILE IN BOOK 118, PAGE 88 OF PLATS IN THE COUNTY RECORDER'S OFFICE, CLARK COUNTY, NEVADA, LYING WITHIN THE SOUTHEAST QUARTER (SE 1/4) OF SECTION 13, TOWNSHIP 19 SOUTH, RANGE 59 EAST, M.D.M., CLARK COUNTY, NEVADA.

Call before you Dig.

1-800-227-2600

UNDERGROUND SERVICE (USA)

CALL BEFORE YOU DIG OVERHEAD

CALL 1-702-227-2929

STATE OF NEVADA
KEITH J. HATTON
REGISTERED PROFESSIONAL ENGINEER
NO. 15502
EXPIRATION DATE 12-31-2006

ISSUED FOR:

ISSUE DATE:

DESIGN: DFT
DRAWN: AM/NDY
CHECK: SWN
ISSUE DATE:
ISSUE EDITOR:
PLOT DATE: 01-10-06
PLOT TIME: 08:42:44

G.C. WALLACE, INC.
Engineers/Planners/Surveyors
1555 SOUTH RAINBOW BLVD / LAS VEGAS, NEVADA 89146
TELEPHONE: (702) 804-2600 • FAX: (702) 804-2299
E-MAIL: gwallace@wallaceinc.com

MADISON GROVE AT PROVIDENCE - PHASE 2 (POD 114)
A RESIDENTIAL PLANNED DEVELOPMENT
TOLL BROTHERS
GRADING PLAN II

DRAWING
6
6 OF 20 SHTS

JOB NO. 743194