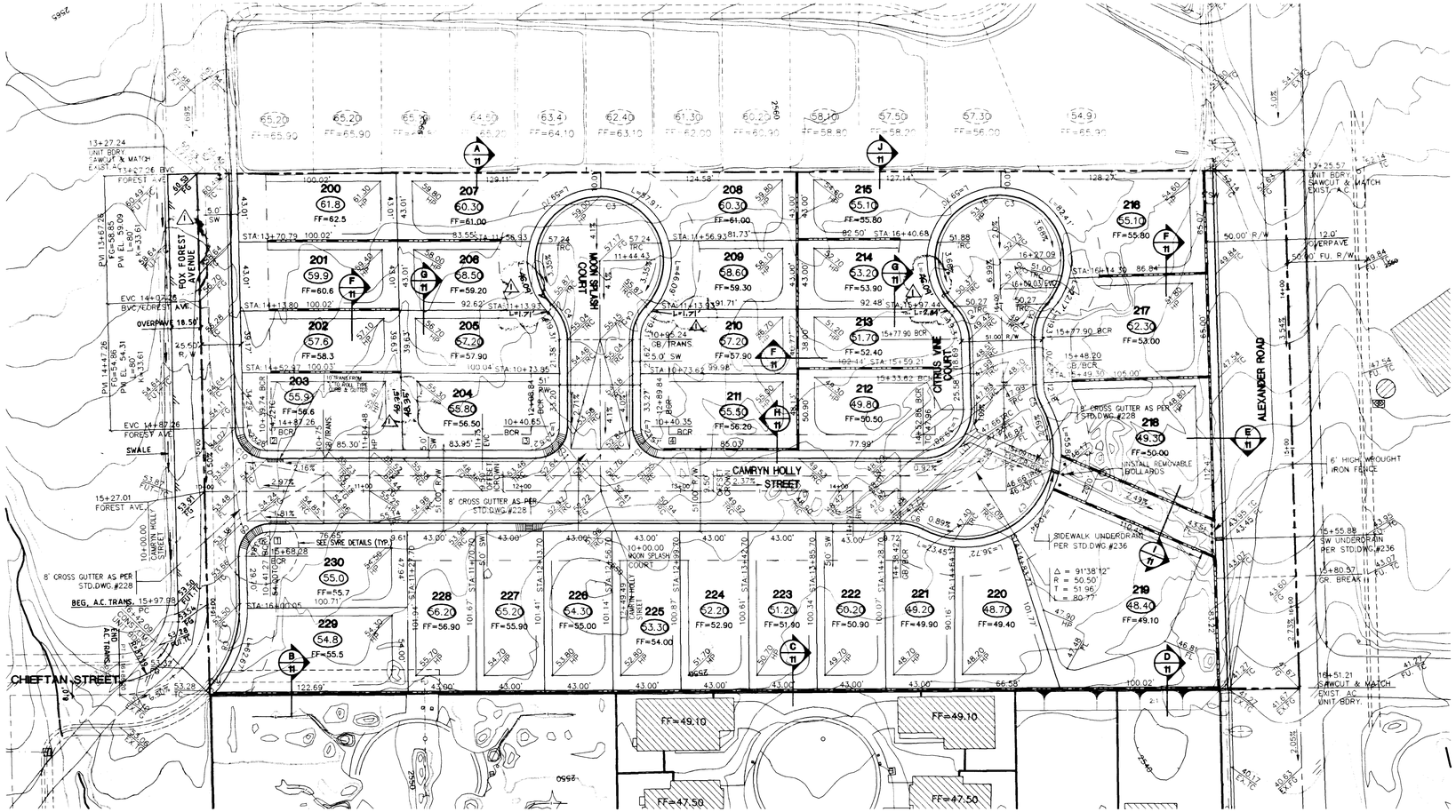
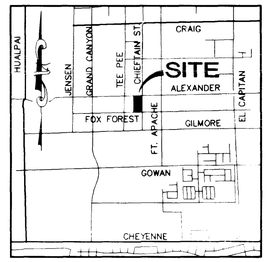




VICINITY MAP
N.T.S.

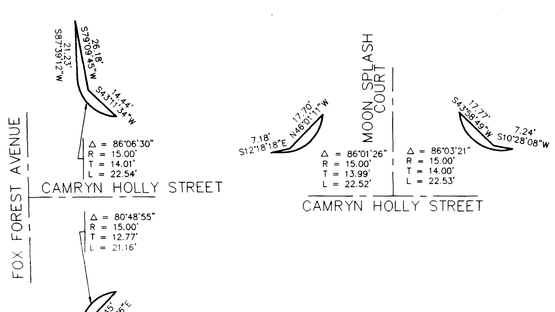
NORTH

GRAPHIC SCALE
40 0 20 40 80
1" = 40'

LEGEND

FG	FINISH GRADE
FL	FLOW LINE
TC	TOP OF CURB
TRC	TOP OF ROLL CURB
EP	EDGE OF PAVEMENT
FUT.	FUTURE
EX	EXISTING
VG	VALLEY GUTTER
NG	NATURAL GROUND
H.P.	HIGH POINT
L.P.	LOW POINT
C/L	CENTER LINE
O/C	OFFSET CROWN
BC	BACK OF CURB
BCR	BEGIN CURB RETURN
TF	TOP OF FOOTING
GB	GRADE BREAK
PC	POINT OF CURVATURE
PT	POINT OF TANGENCY
PRC	POINT OF REVERSE CURVATURE
PCC	POINT OF COMPOUND CURVATURE
BVC	BEGIN VERTICAL CURVE
MVC	MID-POINT OF VERTICAL CURVE
EVC	END VERTICAL CURVE
PRVC	POINT OF REVERSE VERTICAL CURVE
VPI	VERTICAL POINT OF INTERSECTION
PP	POWER POLE
TRANS	TRANSITION
RET.	RETAINING
INT.	INTERSECTION
D.G.	DESIGN GRADE
TOP	TOP OF CHANNEL
TOB	TOP OF BOX

- EX. CONTOUR(5' INTERVAL)
- EX. CONTOUR(1' INTERVAL)
- PROPOSED CONTOUR
- 42.1 PROPOSED PAD GRADE
- 42.1 FUT./EXIST. PAD GRADE
- 0.50% SLOPE AND FLOW DIRECTION
- EDGE OF EXIST A.C.
- SAW CUT & MATCH A.C.
- SIDEWALK RAMP
- 4.5% PAD SLOPES
- SCARP AREA
- 27 LOT NUMBER
- 4 BLOCK NUMBER
- 4.5 RETAINING HEIGHT
- SIGHT VISIBILITY EASEMENT
- PROJECT BOUNDARY LINE
- SETBACK LINE
- R/W OR P/L
- EXIST. IMPROVEMENTS
- FUTURE IMPROVEMENTS
- CENTER LINE
- RETAINING WALL
- CONC. BLOCK WALL
- EXIST.CONC. BLOCK WALL
- EXIST. DIRT ROAD
- EXIST. AC
- CONSTRUCTION PHASE LINE OR UNIT BOUNDARY LINE



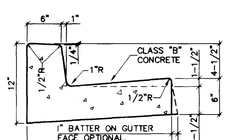
S.V.R.E. DETAILS
N.T.S.

BACK OF CURB DATA TABLE

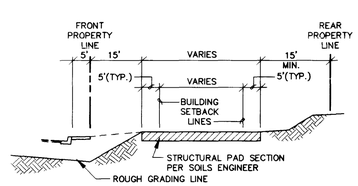
NO.	RADIUS	DELTA	LENGTH	TANGENT
C1	20.00'	89°47'04"	31.34'	19.92'
C2	20.00'	90°12'56"	31.49'	20.08'
C3	40.50'	268°29'54"	189.79'	------
C4	30.00'	44°14'57"	23.17'	12.20'
C5	30.00'	27°54'20"	14.61'	7.45'
C6	30.00'	27°50'16"	14.58'	7.43'
C7	56.00'	147°22'48"	144.05'	191.38'
C8	76.00'	43°09'30"	57.16'	30.01'
C9	20.00'	91°04'45"	31.79'	20.38'
C10	20.00'	88°55'15"	31.04'	19.63'
C11	30.00'	91°38'12"	47.98'	30.87'

SIDEWALK RAMP DATA TABLE
PER UNIFORM STANDARD DRAWINGS NO. 235 (CASE I)

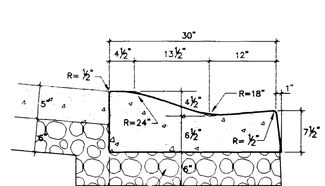
NO.	A	B
1	8.0	8.0
2	8.0	8.0
3	8.0	8.0
4	15	4.5



"L" TYPE CURB AND GUTTER
PER STD. DWG. 216



TYPICAL GRADING SECTION
STANDARD SINGLE FAMILY DETACHED – NO SCALE



30" ROLL CURB DETAIL
PER STD.DWG. NO. 217-A

GENERAL NOTES

1. ALL GRADES SHOWN HEREON ARE TO ROUGH GRADE ONLY AND ARE 0.30 FEET LOW TO ALLOW FOR LANDSCAPING EXCEPT T.C., F.L., AND F.G. WHICH ARE TO FINISH GRADES.
2. ALL LOTS ARE TO BE F.H.A. TYPE "A" DRAINAGE UNLESS OTHERWISE NOTED.
3. SEE IMPROVEMENT PLANS FOR STREET SECTIONS AND DETAILS. SEE FINAL MAP FOR EXACT BEARINGS AND DISTANCES.
4. CONTRACTORS SHALL VERIFY ALL CONDITIONS AND DIMENSIONS AND SHALL REPORT ALL DISCREPANCIES TO THE ENGINEER PRIOR TO THE COMMENCEMENT OF WORK.
5. ALL GRADING AND SITE PREPARATION SHALL CONFORM TO THE REQUIREMENTS OF THE GEOTECHNICAL INVESTIGATION PREPARED BY: TERRACON, PROJECT NO. 64995084, DATED MARCH 29, 1999.
6. ALL WORK PERFORMED OUTSIDE OF THE PROJECT BOUNDARY AND ON PRIVATE PROPERTY SHALL NOT BE PERFORMED UNTIL WRITTEN PERMISSION AND EASEMENT HAVE BEEN OBTAINED FROM THE OFFSITE OWNER.
7. ALL WORK PERFORMED WITHIN PUBLIC RIGHT-OF-WAY AND OUTSIDE OF THE PROJECT BOUNDARY SHALL BE PERFORMED UNDER A SEPARATE ENCROACHMENT PERMIT ISSUED BY THE CONTROLLING AUTHORITY.
8. FINISH FLOOR ELEVATION = PAD ELEVATION + 0.70'
9. ALL STATIONING ON GRADING PLAN IS CENTERLINE STATIONING UNLESS OTHERWISE NOTED.

WALL NOTES

1. ALL WALLS NEW OR EXISTING ARE SHOWN ONLY FOR THE PURPOSE OF GRADING RELATIONSHIP.
2. THE STRUCTURAL AND ARCHITECTURAL DESIGN OF ALL WALLS (RETAINING OR NON-RETAINING) MUST BE APPROVED BY THE CITY BUILDING DEPARTMENT.
3. SEE PLOT PLAN FOR RETAINING WALL DETAILS AT INTERIOR SIDE LOT LINES, WHERE PAD ELEVATIONS EXCEED 1.0 FT. DIFFERENCE.

THOMAS E. HAYES, P.E. #9426 — DATE 12-9-99

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

NOTE: CONTRACTOR SHALL VERIFY HORIZONTAL AND VERTICAL LOCATION OF EXISTING UTILITIES AND NOTIFY THE DESIGN ENGINEER IMMEDIATELY OF ANY DISCREPANCIES PRIOR TO CONSTRUCTION.

Avoid cutting underground utility lines. It's costly.
Call before you Dig 1-800-227-2600

Avoid overhead power line contact
Call before you OVERHEAD 1-702-593-6111

BENCHMARK

PROJECT DATUM: NAVD 88

CLARK COUNTY BENCHMARK # 1C00-7NEE6
ELEVATION = 773.234 (METERS)
ELEVATION = 2536.85' (FEET)

(CONVERSION FACTOR 3937/1200 = US SURVEY FEET)

DESCRIPTION:
RIVET AND SQUARE ALUMINUM PLATE IN A CONCRETE MONUMENT 35 FEET SOUTH AND 50 FEET WEST OF FORT APACHE ROAD AND GILMORE AVENUE.

BASIS OF BEARING

NORTH 87°27'05" EAST, BEING THE NORTH LINE OF THE NORTHEAST QUARTER (NE 1/4) OF THE NORTHEAST QUARTER (NE 1/4) OF SECTION 7, TOWNSHIP 20 SOUTH, RANGE 60 EAST, M.D.M., CITY OF LAS VEGAS, CLARK COUNTY, NEVADA, AS SHOWN ON THAT CERTAIN RECORD OF SURVEY ON FILE IN THE OFFICE OF THE COUNTY RECORDER, CLARK COUNTY, NEVADA, IN FILE 67 OF SURVEYS, AT PAGE 80, FILE 67 OF SURVEYS, AT PAGE 80.

REV	DATE	BY	REVISION
1	01/11/00	VAV	REVISED LOT DIMENSIONS, ADD STREET NAME

STANPARK HOMES
3320 NORTH BUFFALO DRIVE SUITE 207
LAS VEGAS, NEVADA 89129
(702) 395-1881

vtn nevada CONSULTING ENGINEERS • PLANNERS • LAND SURVEYORS
2727 SOUTH RAINBOW BOULEVARD LAS VEGAS, NEVADA 89146-5148
PH. (702) 873-7500 FAX (702) 362-2...

SHEET: GRADING PLAN
TITLE: CANYON MEADOWS UNIT 8

DRAWN BY: VAV	MAY 1999	CHECKED BY: VAV	MAY 1999
DESIGNED BY: VAV	MAY 1999	PROJECT NO: 5571-8	SCALE: 1"=40' HORIZ. VERT.

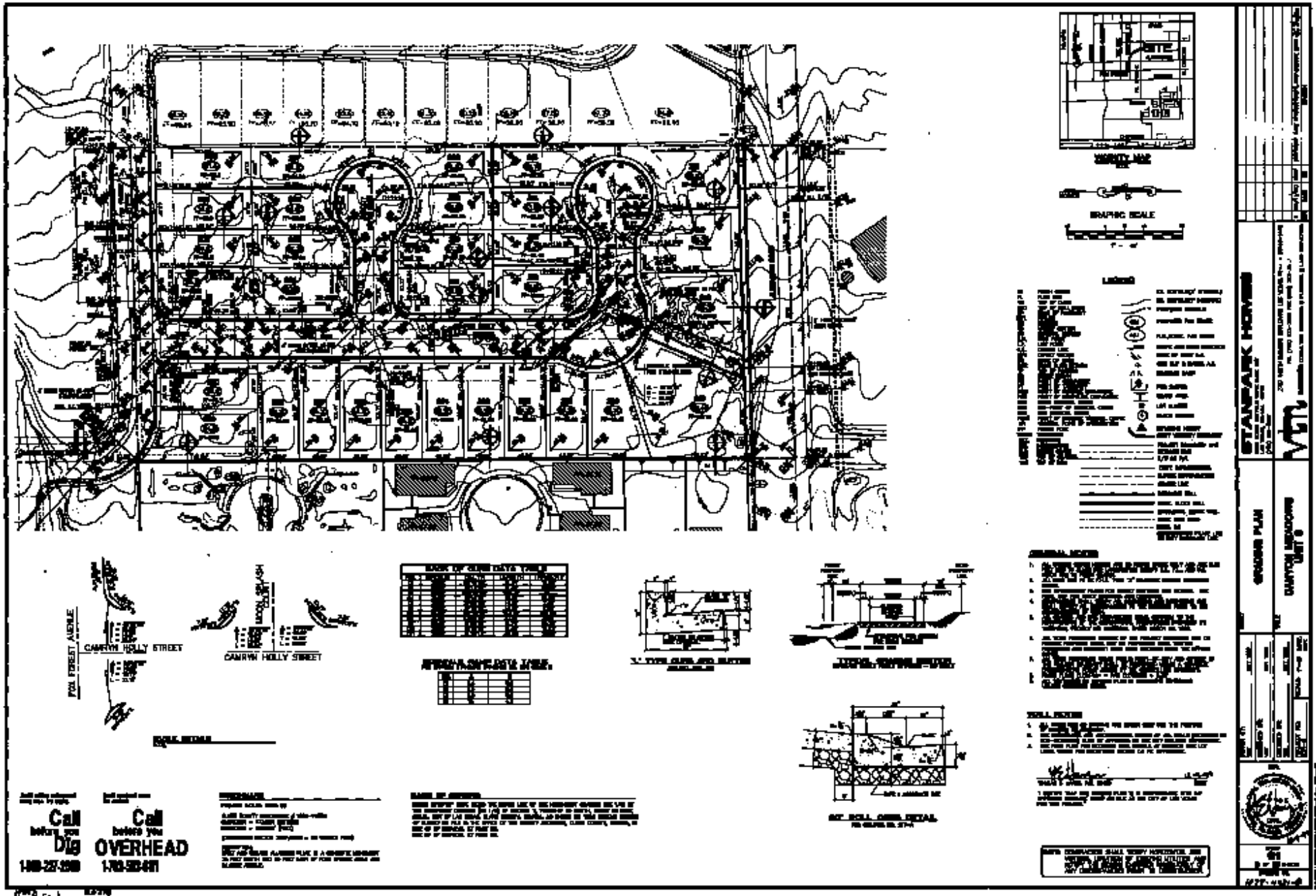
SEAL
PROFESSIONAL ENGINEER STATE OF NEVADA
THOMAS E. HAYES
No. 9426
CIVIL
12-9-99

SHEET G1
6 OF 15 SHEETS
DRAWING NO. 107V-4431-8

19947 20278

Autocad File: H:\cad\LANDEV\5571\UNIT 8\5571G8B.dwg Plotted at: Thu Dec 09 14:13:29 1999 by: VAV

H:\CAD\LANDEV\5571\UNIT8\5571gr8.dwg (BR-gr8)



VICINITY MAP
GRAPHIC SCALE
LEGEND
GENERAL NOTES
CAMRYN HOLLY STREET
FOX FOREST AVENUE
MOON ASH COURT
SCALE DETAILS
BACK OF CURB DATA TABLE
"L" TYPE CURB AND GUTTER
TYPICAL CURBS DETAIL
60' ROLL CURB DETAIL
Call before you Dig
Call before you OVERHEAD
STANPARK HOMES
GRADING PLAN
CANYON MEADOWS UNIT 6