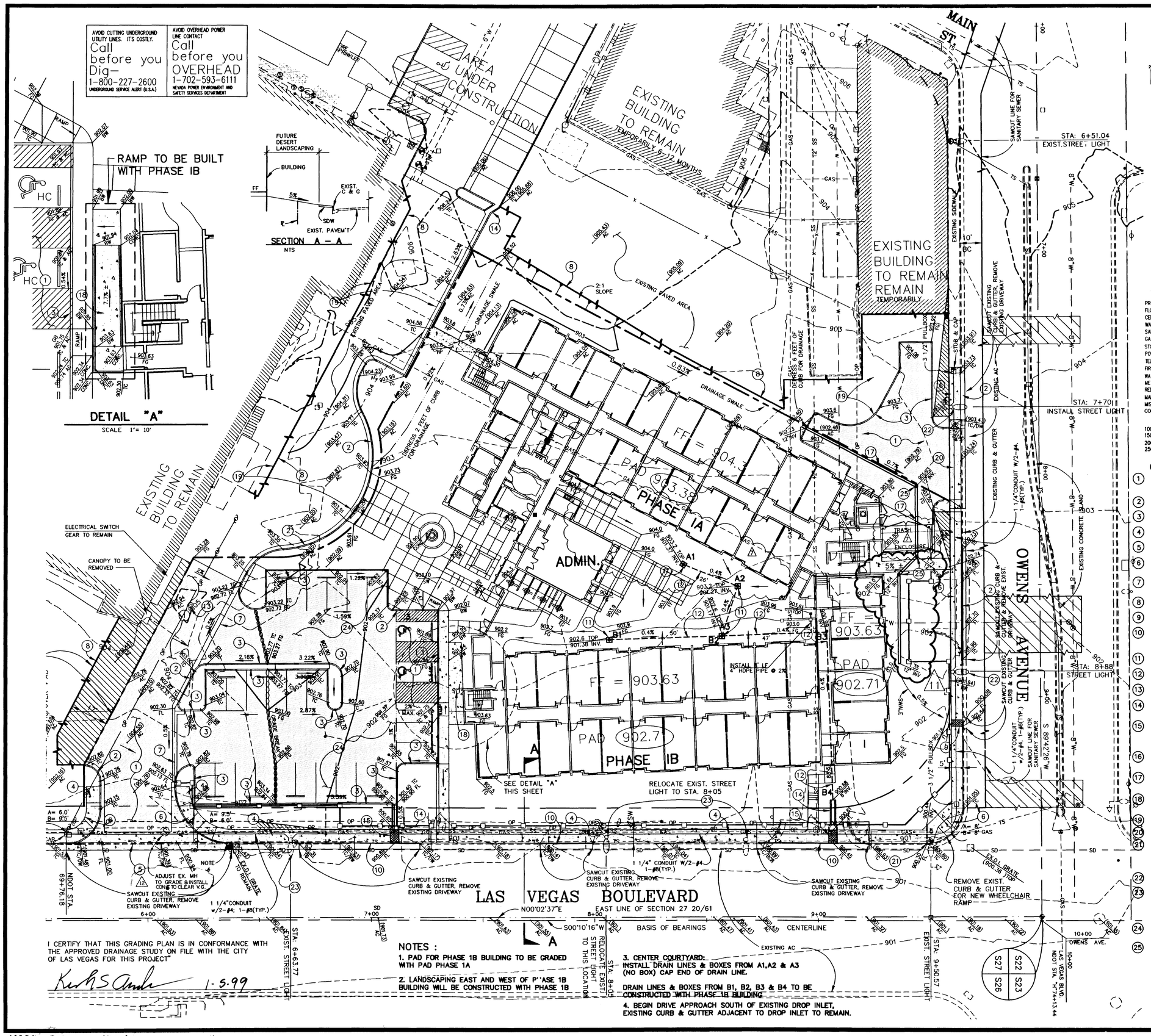

I CERTIFY THAT THIS GRADING PLAN IS IN CONFORMANCE WITH THE APPROVED DRAINAGE STUDY ON FILE WITH THE CITY OF LAS VEGAS FOR THIS PROJECT"

Kirk S Anderson 1-5-99

NOTES :

1. PAD FOR PHASE 1B BUILDING TO BE GRADED WITH PAD PHASE 1A
2. LANDSCAPING EAST AND WEST OF PHASE 1B BUILDING WILL BE CONSTRUCTED WITH PHASE 1B
3. CENTER COURTYARD: INSTALL DRAIN LINES & BOXES FROM A1,A2 & A3 (NO BOX) CAP END OF DRAIN LINE.
   DRAIN LINES & BOXES FROM B1, B2, B3 & B4 TO BE CONSTRUCTED WITH PHASE 1B BUILDING
4. BEGIN DRIVE APPROACH SOUTH OF EXISTING DROP INLET, EXISTING CURB & GUTTER ADJACENT TO DROP INLET TO REMAIN.

1" = 20'

GRAPHIC SCALE

20 0 10 20 40 80

(IN FEET)
1 inch = 20 ft.

BASIS OF BEARINGS

S 00°10'16"W, BEING THE CENTERLINE OF LAS VEGAS BOULEVARD AS PER RECORD OF SURVEY FILE 67, PAGE 24, CLARK COUNTY RECORDER'S OFF , CLARK COUNTY, NEVADA

BENCHMARK

2LV01 22SSE6 BEING A RIVET & PLATE IN TOP OF CURB, NE RETURN OWENS AVE. AND MAIN STREET.

ELEV. 1904.91'(580.62 METERS) NAVD88

MARTIN & MARTIN ASSUMES NO RESPONSIBILITY FOR EXISTING UTILITY LOCATIONS AND ELEVATIONS. THE UTILITIES SHOWN ON THIS DRAWING HAVE BEEN PLOTTED FROM THE BEST AVAILABLE INFORMATION. IT IS, HOWEVER, THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY THE LOCATION AND ELEVATION OF ALL UTILITIES PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS PRIOR TO CONSTRUCTION. IF A CONFLICT EXISTS BETWEEN WHAT IS SHOWN ON THESE DRAWINGS AND WHAT EXISTS IN THE FIELD, THE CONTRACTOR IS TO NOTIFY THE ARCHITECT OR ENGINEER IMMEDIATELY.

LEGEND

	TO BE CONSTRUCTED	EXISTING
PROPERTY LINE		
FLOWLINE		
CENTERLINE		
WATER LINE	—W—	—W—
SANITARY SEWER LINE	—SS—	—SS—
GAS LINE	—GAS—	—GAS—
STORM DRAIN	—SD—	—SD—
POWER LINE / POWER POLE	—ELEC—	—ELEC—
TELEPHONE LINE	—TEL—	—TEL—
FIRE HYDRANT		
WATER VALVE		
METERS / PULL BOXES		
REDUCER		
MANHOLE		
MISC. SYMBOLS		
CONTOUR	—00—	—00—
STREET LIGHTS		
100 W H.P.S.		
150 W H.P.S.		
200 W H.P.S.		
250 W H.P.S.		

	TO BE CONSTRUCTED	EXISTING
SCREEN / RETAINING WALL		
OVERHEAD POWER	N/A	
TRAFFIC SIGNAL BOX		
GRADE BREAK		N/A
WIRE FENCE		
FINISH FLOOR	FF=0.00	
BUILDING		
FINISH GRADE	0.00 TC	0.00 TC
DRIVEWAY APRON		
CUT OR FILL SLOPE		
A.C. PAVING		
TYPE "L" CURB & GUTTER		
TYPE "A" CURB		
CONCRETE		
STUB OUT		

CONSTRUCTION NOTES

1. PAVE 2.5" A.C. PAVEMENT OVER 8" TYPE AGGREGATE BASE (COMPACTED 95%) WITH PRIME COAT AND FOG SEAL
2. INSTALL "L" TYPE CURB AND GUTTER PER UNIFORM STD. DWG. NO. 219.
3. INSTALL "A" TYPE CURB PER UNIFORM STD. DWG. NO. 219.
4. INSTALL 6' WIDE CONCRETE SIDEWALK PER UNIFORM STD. DWG. 234.
5. INSTALL 8' WIDE VALLEY GUTTER PER UNIFORM STD. DWG. NO. 228.
6. INSTALL WHEELCHAIR RAMP PER NDOT STD. R5.1.1.2(613) TYPE D AT DRIVEWAY; RAMP AT OWENS/ LV BLVD. PER R5.1.1.1 (613) RAMP TYPE A
7. INSTALL 2' WIDE CONCRETE VALLEY GUTTER PER DETAIL "A" SEE SHEET D1 OR SHEET 8 OF 8
8. WHEELCUT EXISTING PAVEMENT
9. CONSTRUCT SIDEWALK DRAIN PER UNIFORM STD. DWG. NO. 236
10. CONSTRUCT TYPE I CURB & GUTTER PER PLATE R-5.1.1(613) NDOT STANDARDS.
11. INSTALL 8" HDPE DRAIN BASIN w/ CAST IRON GRATE
12. INSTALL 8" HDPE PIPE (PRIVATE)
13. REMOVE EXISTING POWER POLE
14. CONSTRUCT 2' WIDE CONCRETE CHANNEL PER DETAIL "B" SEE SHEET D1 OR SHEET 8 OF 8
15. CONSTRUCT SIDEWALK UNDERDRAIN w/ 5–3" DRAIN PIPES PER CITY OF CONCORD DETAIL S-13 AS APPROVED BY NDOT. SEE DETAIL "D" SHEET D1 OR SHEET 8 OF 8
16. REMOVE EXISTING SIDEWALK ALONG OWENS AVENUE AND REPLACE w/ 5' WIDE SIDEWALK PER UNIFORM STD. DWG. 234.
17. INSTALL 12" HDPE PIPE @ 0.5% – CONCRETE ENCASED SEE DETAIL "C" ON SHEET D1 OR SHEET 8 OF 8
18. SIDEWALK TO BE CONSTRUCTED PER RAMP DETAILS WITH HANDRAILS PER ANSI STDS. – MAX. SLOPE 8.3%
19. GRADE FROM EXIST. AC TO LIP OF GUTTER WITH TYPE II GRAVEL
20. CONSTRUCT 33' WIDE COMMERCIAL DRIVEWAY PER UNIFORM STD. DWG. 224
21. CONSTRUCT SIDEWALK UNDERDRAIN w/ 1–3" DRAIN PIPES PER CITY OF CONCORD DETAIL S-13 AS APPROVED BY NDOT. SEE DETAIL "D" SHEET D1 OR SHEET 8 OF 8
22. INSTALL 200W H.P.S. STREET LIGHT PER STD. DWG. # 309
23. INSTALL FUSE HOLDERS AND FUSES IN POLE (TYP.) COORDINATE ALL WORK WITH CLV ELECTRIC SHOP. MODIFY BASE PER STD. DWG. #325(TYP.) TEL. (229–6331). CLV WILL MAKE FINAL TIE IN OF NEW STREET LIGHT TO EXISTING CIRCUIT.
24. PAVE 2" A.C. PAVEMENT OVER 6" TYPE AGGREGATE BASE (COMPACTED 95%) WITH PRIME COAT AND FOG SEAL
25. INSTALL 12' HDPE BASIN W/ CAST IRON GATE FOR CLEANOUTS

REV	DATE	BY	REVISION
4	2/26/99	KSA	V.G. WIDTH & MH CONLE
3	1/5/99	KSA	REVISED STORM DRAIN
2	8/6/98	KSA	REMOVE PLANTER CURB & ROOF

MARTIN & MARTIN

ST. VINCENT'S HELP.
808 SOUTH MAIN STREET
LAS VEGAS, NEVADA 89101
(702) 385-2662

MARTIN & MARTIN
1909 SOUTH JONES BLVD. SUITE B
LAS VEGAS, NEVADA 89102 FAX (702) 248-8070
PHONE (702) 248-8000

SHEET GRADING PLAN

TITLE SAINT VINCENT'S H.E.L.P. ONE & TWO HOUSING UNITS

DRAWN BY: E. WRIGHT 12/16/97
DESIGNED BY: E. WRIGHT 12/16/97
CHECKED BY: K. ANDERSON 12/17/97
PROJECT NO. 1609.01
SCALE: 1"= 20' HOR

SEAL: REGISTERED PROFESSIONAL ENGINEER KIRK S. ANDERSON CIVIL No. 7114 STATE OF NEVADA 1-5-99

SHEET G1
6 OF 8 SHEETS

C.L.V. DRAWING NO. 107V2848

STVCGRD1.dwg 12-30-98 8:33:20 am EST

H:\CAD\1609\DUSING\stvcgrd1.dwg Tue Jan 05 08:34:31 1999 A. YIP

13278 14006 14482

VOID Replotted

Call before you Dig—

Call before you OVERHEAD

AREA UNDER CONSTRUCTION

EXISTING BUILDING TO REMAIN

EXISTING BUILDING TO REMA REMAIN

RAMP TO BE BUILT WITH PHASE IB

DETAIL "A"

SECTION A-A

EXISTING BUILDING TO REMAIN

ADMIN

PAD 903.53

PHASE IA

PAD 902.7

PHASE IB

EF = 903.53

EF 903.63

PAD 902.71

OPENING

LAS VEGAS BOULEVARD

GRAPHIC SCALE

BASIS OF BEARINGS

DESCRIPTION

LEGEND

CONSTRUCTION NOTES

NOTES :

1. THIS SITE PLAN IS BEING IN COMPLIANCE WITH THE APPROVED GRADING STUDY OF THE SITE THE CITY OF LAS VEGAS FOR THE PROJECT

1-6-99

MARTIN & MARTIN

CONSULTING ENGINEERS

GRADING PLAN

SAINT VINCENT'S H.A.L.P.
ONE & TWO BOULDER LOCKS

01

10PW0548

VOID Replotted