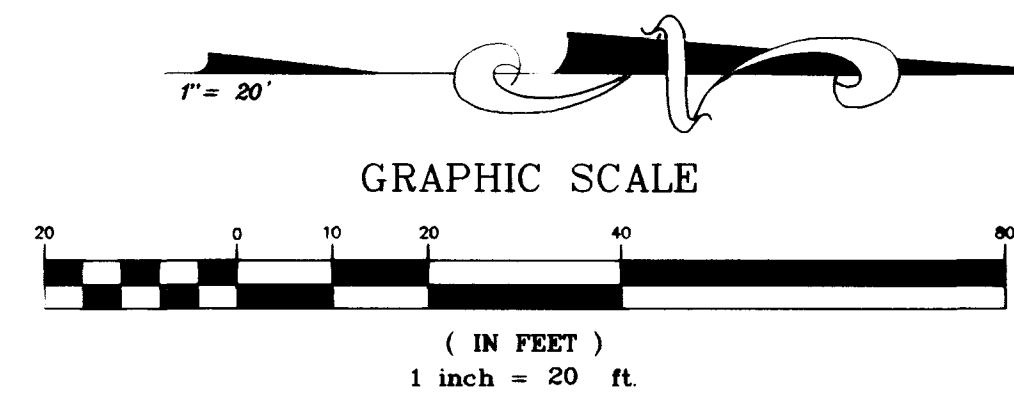


AVOID CUTTING UNDERGROUND UTILITY LINES. IT'S COSTLY. Call before you Dig— 1-800-227-2600 UNDERGROUND SERVICE ALERT (U.S.A.)	AVOID OVERHEAD POWER LINE CONTACT Call before you OVERHEAD 1-702-593-6111 NEVADA POWER ENVIRONMENT AND SAFETY SERVICES DEPARTMENT
--	---



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 OBTAINED 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		TO BE CONSTRUCTED		EXISTING	
PROPERTY LINE	---	---	SCREEN / RETAINING WALL				
FLOWLINE	---	---	OVERHEAD POWER		N/A		
CENTERLINE	---	---	TRAFFIC SIGNAL BOX				
WATER LINE	---	---	GRADE BREAK				
SANITARY SEWER LINE	SS	SS	WIRE FENCE				
GAS	GAS	GAS	FINISH FLOOR		FF=0.00		
STORM DRAIN	SD	SD	BUILDING				
POWER LINE / POWER POLE	ELEC	ELEC	FINISH GRADE		0.00 TC		
TELEPHONE LINE	TEL	TEL	DRIVEWAY APRON				
FIRE HYDRANT			CUT OR FILL SLOPE				
WATER VALVE			A.C. PAVING				
METERS / PULL BOXES			TYPE "A" CURB & GUTTER				
REDUCER			TYPE "B" CURB				
MANHOLE			CONCRETE				
MISC. SYMBOLS			STRIP OUT				
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.							

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. (229-6351). 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

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"

Kurt S Anderson 3.23.99

NOTES :

- 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 & A (NO BOX) CAP END OF DRAIN LINE.

EXISTING AC

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.

5. REMOVE & REPLACE CURB AND GUTTER ON LAS VEGAS BLVD.
FROM 8+37.43 TO 9+48.88 INCLUDING CURB RETURN

	SHEET G1 OF 8 SHEETS	C.L.V. DRAWING NO. 107V2848	SAINT VINCENT'S H.E.I.P. ONE & TWO HOUSING UNITS MARTIN & MARTIN SUITE B 1909 SOUTH JONES BLVD. LAS VEGAS, NEVADA 89102 PHONE (702) 248-8000 FAX (702) 248-8070	GRADING PLAN		ST VINCENT'S HELP. 808 SOUTH MAIN STREET, LAS VEGAS, NEVADA 89101 (702) 385-2662		Δ 3/23/98 113P ADDED DROP INLET & NOTE 5 Δ 12/25/98 KSA V.G. WIDTH 8 MH CONE Δ 1/15/99 KSA REVISED STORM DRAIN Δ 6/6/98 KSA REMOVE PLANTER CURB & ROOF TRELLIS REV DATE BY REVISION
--	-----------------------------------	---------------------------------------	--	---------------------	--	---	-----------------------------------	---

